

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR  
1969

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OF  
THE UNIVERSITY OF ADELAIDE

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PART I

	Page
Preface - - - - -	5
Letters Patent - - - - -	9
Acts of Parliament - - - - -	11
Almanac - - - - -	35
Council, Committees, Faculties and Boards - - - - -	51
Officers of the University - - - - -	64
Former Chancellors, Vice-Chancellors, Wardens, Professors and other Officers of the University - - - - -	93
Honorary Clinical Teachers - - - - -	97
Representatives of the University - - - - -	100
Endowments and Gifts - - - - -	101
Statutes - - - - -	108
Standing Orders of the Senate - - - - -	184

PART II

See page 201

PART III

To be published as a supplement

PART IV

See page 501

PART V

See page 751

PART VI

See page 1201



## PREFACE

The University of Adelaide owes its origin to an act of far-seeing and generous self-denial. In 1872, Mr. (afterwards Sir) Walter Watson Hughes offered an endowment of \$40,000 to Union College, an institution then established in Adelaide for the better education of Presbyterian, Congregational, and Baptist clergy. The Council of the College generously suggested to Mr. Hughes that his gift should be devoted to the more general object of founding a University. Mr. Hughes agreed to the proposal, an association was formed to further the project, the Honourable (afterwards Sir) Thomas Elder offered another \$40,000, and as a result the University of Adelaide was established in 1874 by Act of Parliament passed by the South Australian Legislature.

The Act of Incorporation provided, *inter alia*, for an annual subsidy of five per cent. on the capital funds of the University up to a maximum in any one year of \$20,000, an endowment of 50,000 acres of land, and a grant of 5 acres in the City of Adelaide as a site for the University buildings. The country lands were subsequently repurchased in 1915 by the Government for \$80,000; the limit of the subsidy on endowments has been raised from time to time by Parliament until it is now \$80,000 a year; and the University site has been added to until it now comprises 33 acres.

The academic work of the University began in March, 1876, with four professors, three part-time lecturers, a Registrar-librarian, and 8 matriculated and 52 non-graduating students attending classes in Arts and Science subjects. But very early in its existence the University sought to meet, as far as it could, the needs of South Australia in the training of men for the professions. Beginning with Law in 1883 and Medicine in 1885, courses of professional training in various fields have been added from time to time to the curriculum, so that the University now grants degrees in Arts, Economics, Science, Agricultural Science, Engineering, Architecture, Law, Medicine, Dentistry, Music, Technology, Applied Science, Pharmacy, Business Management, Education and Town Planning, and diplomas in Education, Physical Education, Public Administration, Music, Pharmacy, Social Studies, Physiotherapy, and Arts and Education. In 1880 it was authorised by Act of Parliament to grant degrees to women, and in 1881 Letters Patent were issued by Her Majesty Queen Victoria declaring that the degrees granted by it should be recognised as academic distinctions and rewards of merit and be entitled to rank, precedence, and consideration throughout the British Empire as if granted by any University in the United Kingdom. A supplementary Charter was granted by Letters Patent in 1913.

By the end of 1968 the University had conferred 15,726 degrees and 6,254 diplomas by examination, and 942 degrees and 15 diplomas by admission *ad eundem gradum*.

The foundation stone of the first University building was laid in 1879 and the building was opened in 1882. The only additions during the next twenty years were extensions to the original building; but early in the new century came the Elder Conservatorium of Music, the Prince of Wales building (then used for Science and Engineering) and the Anatomy school. In the interval between the two great wars the Darling Building, the Physics building, the Refectory, the Lady Symon Building for women, the Johnson Chemistry laboratories, the

Barr Smith Library, the George Murray Building for men, and the Benham laboratories were added on the University site, and the Waite Agricultural Research Institute was established at Glen Osmond.

The war of 1939-45 brought with it new obligations for the University, first in training enough professional men to meet the needs of the services and ancillary industry, and then in training for the professions the large numbers of ex-service men and women who were eligible to enrol under the Commonwealth Reconstruction Training Scheme. To discharge these obligations fully, the University needed greatly expanded accommodation, equipment and staff. Established by the Commonwealth Government in 1942, and charged with administering the Commonwealth Reconstruction Training Scheme so far as students training for the professions were concerned, the Universities Commission greatly helped the University in securing from the Commonwealth Government in the first instance the finance necessary. With capital advances amounting in all to about \$686,000 thus provided, extensions were made to the laboratories for Physics, Chemistry and Agricultural Science, new buildings for Mathematics, Mechanical Engineering, Civil, Electrical, Mining and Metallurgical Engineering, and the Medical School were erected, and extensive equipment for the engineering and science departments was obtained. Under an Act of the State Parliament in 1946 the Treasurer, with the approval of the Governor, guaranteed payment by the University to the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which had been provided by the Commonwealth in the first instance. And over three financial years beginning in 1947 the State Parliament granted a further \$420,000 to enable the University to complete the final unit—the Mawson Laboratories for Geology—in a building programme which affected every Faculty. In 1954 it gave another \$100,000 to enable another floor to be added to the Medical School for the accommodation of the Department of Bacteriology.

In 1950 the State Government undertook to ask Parliament to provide for the University each year an annual grant sufficient to enable the University to maintain its work on a basis equivalent to that of the Universities in the Eastern States of Australia.

The report of the Murray Committee on Australian Universities in 1957 marked the beginning of a new era of rapid expansion of the University, an expansion fostered by the Australian Universities Commission in 1960 and 1963. The building programme approved for the nine years from 1958 at a cost exceeding \$6,000,000, to be met jointly by the Commonwealth and the State, provided for new buildings for Arts and Economics, the Biological Sciences, Physics, Chemistry, and Physical Education, and for substantial additions to the Library, the Medical School, the Engineering School and the Union Buildings. At the Waite Institute a separate building was provided for the library and substantial additions made to the central laboratories. The reports also made provision for an increasing annual income to the University designed to provide for the rapidly growing demands upon it.

Provision for building in the 1967-9 triennium included a new building for the Law School, completion of reconstruction of the Dental Hospital which includes the Dental School of the University,

the first stage of expansion of the library and accommodation for the Department of Architecture, and the first stage of an annex to the Physics Building to accommodate the Mawson Institute for Antarctic Research, the Department of Mathematical Physics and advanced work in physics. Grants from non-government sources provided ancillary laboratories and facilities at the Waite Agricultural Research Institute.

In addition to such Governmental support, the University from its foundation has been especially fortunate in the number and extent of the benefactions it has received from private citizens and public companies, and many of the most important developments within the University, both in buildings and in staff, have been the outcome of such generous gifts.

The principal benefactors of the University have been:—

Sir Walter Watson Hughes—\$40,000 to endow chairs in Classics and Philosophy;

Sir Thomas Elder—\$40,000 to endow chairs in Mathematics and Natural Science, \$62,000 to endow the medical school, \$43,000 to endow the school of Music, and \$52,000 as an endowment for general purposes;

R. Barr Smith and family—\$40,000 as an endowment for the purchase of books for the University Library; T. E. Barr Smith—\$68,000 for a building for the Library, and \$20,000 for the purchase of books; Sir Tom Barr Smith—\$60,000 to endow two scholarships, one in Agricultural Science and the other for cancer research;

Mr. Peter Waite and his daughters Elizabeth Macmeikan and Lily Waite—an estate and gifts valued at about \$258,000 to advance the cause of education in Agriculture, Forestry and allied subjects;

The family of the late John Darling—\$30,000 for a building for the Medical School, and \$20,000 for a laboratory for soils research at the Waite Institute;

Mrs. Jane Marks—\$60,000 endowment for the Medical school;

Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—property realised for \$210,000 in 1966 for the advancement of medical research;

The Hon. Sir Langdon Bonython—\$40,000 to endow the Chair of Law, and \$104,000 for a Great Hall;

Miss M. T. Murray—\$106,600 (estimate) for general purposes;

Sir George Murray—\$20,000 for a Men's Union Building, and \$159,400 (estimate) for general purposes;

Edward Neale—\$58,000 (estimate) for Medical Research;

Mrs. R. F. Mortlock and Mr. J. T. Mortlock—\$50,000 for research into soil erosion and the regeneration of pastures; a bequest of \$10,000 from Mrs. R. F. Mortlock for cancer research; \$40,000 from Mr. J. T. Mortlock for scientific research in the Medical School; \$20,000 from Mrs. J. T. Mortlock for pastoral research; and the Mortlock Experiment Station (some 700 acres) and Martindale Hall and environs (some 200 acres) from Mrs. J. T. Mortlock;



- Sir William Mitchell—\$40,000 to endow the Chair of Biochemistry, and \$10,000 for the purchase of books for the Library;
- F. Lucas Benham—\$102,800 (estimate) to encourage the study of natural history;
- Hugh Hughes—\$70,200 (estimate) for pastoral research;
- W. H. Sandland—\$45,000 (estimate) for the advancement of teaching and research in Agriculture;
- W. D. Grigg—\$47,000 (estimate) for support of the work of the Waite Agricultural Research Institute;
- Miss Frances G. McLaughlin—\$40,000 (estimate) for cancer research;
- The Broken Hill Pty. Co. Ltd.—\$30,000 to endow the Chair in Mining and Metallurgy, \$20,000 towards founding a Chair in Economic Geology, and \$10,000 towards founding Chairs in Electrical and Mechanical Engineering;
- North Broken Hill Ltd., \$35,000, and Broken Hill South Ltd. and The Zinc Corporation Ltd., each \$20,000 towards founding a Chair in Economic Geology;
- Mrs. G. Hastings—\$100,000 for the promotion of medical research with a bequest (in 1955) of another \$200,000 and the residue of her estate for the same purpose;
- Sewell Myers—\$40,000 for research into leukemia;
- Mr. and Mrs. S. McGregor Reid—more than \$180,000 for cancer and medical research;
- George Gollin—\$40,000 to endow the Chair of Economics;
- Reginald Walker—\$70,000 (estimate) for general purposes;
- Mrs. Dora Holdsworth—\$70,000 (estimate) for medical research;
- Miss Frances G. McLaughlin—\$40,000 (estimate) for cancer research;
- Mrs. A. E. Lawrence—\$70,000 to establish a postgraduate scholarship in Conservative Dentistry.
- Miss Hilda Farmer—\$127,000 for Medical Research.
- A. R. Riddle—\$53,000 for the purpose of supporting students in need of financial help.
- John S. Davies—\$1,500,000 (preliminary estimate) for research to improve the quality of animals, especially beef-producing animals.

The University is governed by a Council, which until 1911 consisted of 20 members elected by the Senate, one-quarter retiring every year, but being eligible for re-election. Since 1911, under an amending Act passed in that year, the State Parliament has appointed from among its own members five additional members of the Council who hold office during the life of the Parliament appointing them. And if the Chancellor and the Vice-Chancellor are not members of the Council at the time of their election or appointment, they thereupon become *ex-officio* members. The Council thus may consist of 27 in all.

The Senate consists of all graduates holding a degree of Master or Doctor and all other graduates of three years' standing. All Statutes and Regulations must be passed both by the Council and by the Senate and be approved by the Governor of South Australia, who is *ex-officio* Visitor to the University.

## LETTERS PATENT

*Dated 22nd March, 1881*

Victoria, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, Empress of India: To all to whom these Presents shall come, greeting.

WHEREAS, under and by virtue of the provisions of three Acts of the Legislature of South Australia, respectively known as "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," a University consisting of a Council and Senate has been incorporated and made a body politic with perpetual succession, under the name of "The University of Adelaide," with power to grant the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music and Doctor of Music.

And whereas the Chancellor, Vice-Chancellor, and Council of the said University, by their humble petition under the common seal of the University, have prayed Us to the effect following (that is to say):

To grant Our Letters Patent, declaring that the aforesaid Degrees already conferred or hereafter to be conferred by the University of Adelaide shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration within Our Dominions as fully as if the said degrees had been conferred by any University in Our United Kingdom of Great Britain and Ireland and that such recognition may extend to Degrees conferred on women.

Now know ye that We, having taken the said petition into Our Royal consideration, do, by virtue of Our prerogative and of Our special grace, certain knowledge, and mere motion, by these presents, for Us Our heirs and successors, will and ordain as follows:

I. The degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, and Doctor of Music, heretofore granted or conferred and hereafter to be granted or conferred by the said University of Adelaide on any person, male or female, shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world, as fully as if the said Degrees had been granted by any University of Our said United Kingdom.

II. No variation of the constitution of the said University which may at any time, or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul, abrogate, circumscribe, or diminish the privileges conferred on the said University by these Our Letters Patent, nor the rank, rights, privileges, and considerations conferred by such Degrees, so long as the standard of knowledge now established, or a like standard, be preserved as a necessary condition for obtaining the aforesaid Degrees.

III. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by Our Governor of South Australia for the time being.

In witness whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By Warrant under the Queen's Sign Manual.

PALMER.

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## SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

*Dated 2nd September, 1913*

George the Fifth by the Grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas King Defender of the Faith Emperor of India: To all to whom these presents shall come, greeting.

WHEREAS Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight Commander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University.

And whereas under and by virtue of the provisions of an Act of the Legislature of South Australia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and



Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

1. That the Degrees of Bachelor and Master in Surgery and Bachelor and Master in Engineering heretofore granted or conferred or hereafter to be granted or conferred by the University of Adelaide shall be recognized as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world as fully as if the said Degrees had been granted by any University in Our said United Kingdom.

2. No variation of the constitution of the said University which may at any time or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul abrogate circumscribe or diminish the privileges conferred on the said University by these Our Letters Patent nor the rank rights privileges and considerations conferred by such lastly-mentioned Degrees so long as the standard of knowledge now established or a like standard be preserved as a necessary condition for obtaining the aforesaid lastly-mentioned Degrees.

3. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by our Governor of South Australia for the time being.

In witness whereof We have caused these Our Letters to be made Patent.

Witness Ourself at Westminster the second day of September in the fourth year of Our Reign.

By Warrant under the King's Sign Manual

## UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

An Act to consolidate certain Acts relating to the University of Adelaide

(Assented to 5th December, 1935.)

BE IT ENACTED by the Governor of the State of South Australia with the advice and consent of the Parliament thereof, as follows:—

### Short Title

1. This Act may be cited as the "University of Adelaide Act, 1935." Acts Consolidated and Repealed

2. (1) This Act is a consolidation of the Acts mentioned in the first schedule, and the said Acts are hereby repealed.

(2) The repeal of the said Acts shall not affect any Statutes or Regulations made and in force under the said Acts, to the extent that they are not inconsistent with the provisions of this Act, but they shall, to that extent, have the same effect as if this Act had been in force when they were made and conferred power to make them, and they had been made hereunder.

## Interpretation

3. In this Act, unless some other meaning is clearly intended—  
 “Council” means the Council of the University of Adelaide;  
 “Senate” means the Senate of the University of Adelaide;  
 “University” means the University of Adelaide.

## Incorporation and Continuance of University

4. (1) The University established at Adelaide pursuant to The Adelaide University Act is hereby continued.
- (2) The University shall consist of a Council and a Senate.
- (3) The University shall be a body politic and corporate by the name of “The University of Adelaide” and by that name—
- (a) shall have perpetual succession;
  - (b) shall adopt and have a common seal;
  - (c) shall sue and be sued in all courts in South Australia;
  - (d) shall be capable in law to take, purchase, and hold all personal property whatsoever;
  - (e) shall be capable in law to receive, take, purchase, and hold for ever not only such lands, buildings, hereditaments and possessions as may from time to time be exclusively used or occupied for the immediate requirements of the University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in South Australia or elsewhere;
  - (f) shall, subject to sub-section (4), be capable in law to grant, demise, alien or otherwise dispose of, all or any of the real or personal property belonging to the University;
  - (g) shall be capable in law to do all other matters and things incidental or appertaining to a body politic and corporate.
- (4) The University shall not alien, mortgage, charge, or demise any lands, tenements, or hereditaments of the University unless with the approval of the Governor except by way of lease for any term not exceeding twenty-one years from the time when the lease is made in and by which there is reserved during the whole of the term, the highest rent that can be reasonably obtained for the same, without fine.

## The Council

5. (1) Subject to section 12, the Council shall consist of twenty-five members.
- (2) Twenty of the members of the Council shall be elected by the Senate in manner provided by section 6.
- (3) Five of the members of the Council shall be elected by the Parliament of South Australia in the manner provided by sections 7, 8, 9, and 10.
- (4) Not more than four ministers of religion shall be members of the Council at the same time.



#### Election of Members of Council by Senate

6. The members of the Council elected by the Senate shall be elected in accordance with the following rules:—

- (i) At the expiration of every year the five members of the Council who have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period the order of their retirement shall be decided by ballot;
- (ii) All vacancies which shall occur in the Council by retirement, death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall elect at meetings duly convened for the purpose;
- (iii) If the Senate fails to elect a person to fill a vacancy in the Council within six months of the occurrence of the vacancy, the Governor may nominate a person to fill the vacancy.

#### Election of Members of Council by Parliament

7. (1) Of the five members of the Council appointed by Parliament two shall be appointed by the Legislative Council, and three by the House of Assembly.

(2) The said members shall be appointed by ballot.

(3) No person shall be eligible for appointment under this section unless he is a member of the House of Parliament by which he is appointed.

#### Time of Appointment and Tenure of Office

8. (1) At the beginning of every Parliament five members of the Council shall be appointed in manner provided in section 7.

(2) Upon the notification, in manner mentioned in section 11, of the appointment by either House of Parliament of members as mentioned in sub-section (1), the members of the Council appointed by that House and then in office shall retire: Provided that any member so appointed shall be eligible for reappointment from time to time.

#### Effect of Councillor Ceasing to be Member of Parliament

9. In case any member of the Council appointed by either House of Parliament ceases to be a member of the House of Parliament which appointed him, otherwise than by the expiration or dissolution of Parliament, he shall thereupon cease to be a member of the Council.

#### Filling of Vacancies

10. When a vacancy in the office of a member of the Council appointed by either House of Parliament occurs through death, resignation, or otherwise, a member to fill the vacancy shall be appointed by the House of Parliament which appointed the member whose office has become vacant. The member so appointed shall hold office for the remainder of the term of office of the person in whose place he is appointed.

President's or Speaker's Notice of Appointment to be Conclusive Evidence

11. A notice in writing addressed to the Chancellor, and signed by the President or Deputy President of the Legislative Council or by the Speaker or Deputy Speaker of the House of Assembly, as the case may be, certifying that the person or persons therein named has or have been appointed by Parliament a member or members of the Council, shall be conclusive evidence of the matters therein stated, and of the validity of the appointment.

Election of Chancellor and Vice-Chancellor

12. (1) The Council shall elect a Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise, and shall elect a Vice-Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise.

(2) Every Chancellor and Vice-Chancellor shall hold his office for five years, or for such other term as shall be fixed by the Statutes and Regulations of the University made previously to his election.

\* (3) The Vice-Chancellor shall, in all cases, be elected by the Council out of their own body.

\* (4) If the Chancellor is not a member of the Council at the time of his election he shall, from and after his election, become a member of the Council during the term of his office, and in any such case, and for the said period, the Council shall consist of twenty-six members.

Constitution of Senate

13. (1) The Senate shall consist—

- (a) of all graduates admitted by the University to any of the degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, Doctor of Music, Master of Surgery, Master of Engineering, or Doctor of Dental Science;
- (b) of all persons admitted to a degree constituted by the University by Statute or Regulation of the status of a Master or a Doctor; and
- (c) of all other graduates of the University of three years' standing.

(2) A graduate of another university admitted to a degree in the University of Adelaide shall reckon his standing from the date of his graduation in such other university.

Election of Warden

14. The Senate shall, every year, or whenever a vacancy shall occur, elect a Warden out of their own body.

Conduct of Business

15. (1) All questions which shall come before the Council or Senate respectively shall be decided by the majority of the members present.

\* Amended by the University of Adelaide Act Amendment Act, No. 10 of 1942.

(2) The Chairman at any meeting of the Council or the Senate shall have a vote, and in case of an equality of votes, a casting vote.

(3) No question shall be decided at any meeting of the Council unless six members thereof be present, or at any meeting of the Senate unless twenty members thereof be present.

#### Chairmanship of Council and Senate

16. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman, and at every meeting of the Senate the Warden shall preside as Chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden, the members of the Senate present, shall elect a Chairman.

#### Management of the University

17. The Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the Statutes and Regulations of the University.

#### Power to Make Statutes

18. (1) The Council shall have full power to make, alter, and repeal any Statutes and Regulations (so far as the same be not repugnant to any existing law or to the provisions of this Act) touching any of the following purposes, namely:—

- (i) Any election;
- (ii) The discipline of the University;
- (iii) The number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants of the University;
- (iv) The matriculation of students;
- (v) Examinations for fellowships, scholarships, prizes, exhibitions, degrees, or honours, and the granting of the same respectively;
- (vi) The fees to be charged for matriculation, or for any examination or degree;
- (vii) The lectures or classes of the professors and lecturers, and the fees to be charged;
- (viii) The manner and time of convening the meetings of the Council and Senate;
- (ix) The constitution of any degree;
- (x) The admission, without examination, to degrees which the University has power to confer, of persons who have graduated at any other University;

- (xi) The affiliation to or connection with the University of any college or educational establishment with the consent of the governing body of any such college or educational establishment, and the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of the said licences: Provided that no Statute or Regulation made pursuant to this paragraph shall affect the religious observances or regulations enforced in any such colleges, educational establishments, or boarding-houses;
- (xii) In general, all other matters whatsoever regarding the University.

(2) No new Statute or Regulation, or alteration or repeal of any existing Statute or Regulation, shall be of any force until approved by the Senate.

(3) All Statutes and Regulations made pursuant to this section shall be reduced into writing, and shall, after the common seal of the University has been affixed thereto, be submitted to the Governor to be allowed and countersigned by him. After any Statute or Regulation has been allowed and countersigned by the Governor, it shall be binding upon the University and upon all candidates for degrees to be conferred by the University, and upon all professors, lecturers, examiners, officers, graduates, diploma-holders, and servants of the University, and upon all students of the University.

#### Power to Confer Degrees

19. (1) The University shall have power to confer upon any person after examination and in accordance with the Statutes and Regulations of the University, the several degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, Doctor of Music, Bachelor of Surgery, Master of Surgery, Bachelor of Engineering, Master of Engineering, Bachelor of Dental Surgery, and Doctor of Dental Science, and such other degrees as the University by Statute or Regulation may constitute.

(2) The University shall have power, without examination, but in accordance with the Statutes and Regulations of the University, to admit to degrees which the University has power to confer, persons who have graduated at any other University.

#### Residence of Undergraduates During Terms.

20. Every undergraduate shall, during such terms of residence as the University may by Statute or Regulation appoint, dwell with—

- (a) his parent or guardian; or
- (b) some near relative or friend selected by his parent or guardian and approved by the Chancellor or Vice-Chancellor; or



- (c) in some collegiate or educational establishment affiliated to or in connection with the University; or
- (d) in a boarding-house licensed pursuant to a Statute or Regulation of the University.

#### No Religious Test to be Administered

21. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

#### Governor to be Visitor

22. The Governor shall be the Visitor of the University, and shall have authority to do all things which appertain to visitors as often as to him shall seem meet.

#### Limitation of Powers of Council as Regards Chairs Founded by W. W. Hughes

23. The powers given by this Act to the Council shall, so far as the same may affect the two chairs or professorships founded by Walter Watson Hughes upon the terms and conditions contained in a certain indenture, a copy whereof is contained in the second schedule, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the said indenture.

#### Annual Grant to University

\*24. (1) There shall be paid to the University every year out of the general revenue of the State the following grants:—

- (i) A grant, not exceeding twenty thousand pounds in any one year, equal to five pounds per centum per annum on—
  - (a) the sum of twenty thousand pounds contributed to the University by Walter Watson Hughes, pursuant to the indenture mentioned in section 23; and
  - (b) all other moneys from time to time given to and invested by the University upon trusts for the purposes of the University; and
  - (c) the value of property, real or personal, of the University or vested in or held by trustees for the purposes of the University, except the real property granted to the University in pursuance of section 16 of The Adelaide University Act, and of The University Site Act, 1876;

(ii) A grant of four thousand pounds.

(2) The grants shall be applied as a fund—

- (a) for maintaining the University;
- (b) for paying the salaries of the professors, lecturers, examiners, officers, and servants of the University;

\* Amended by the University of Adelaide Act Amendment Act, No. 2327 of 1936, and by the University of Adelaide Act Amendment Act, No. 10 of 1942.

- (c) for defraying the expense of fellowships, scholarships, prizes, and exhibitions awarded for the encouragement of students in the University;
- (d) for providing a library for the University;
- (e) for discharging all necessary charges connected with the management of the University.

#### Grants for Agricultural Research

\*25. (1) In addition to any other sums payable to the University out of the general revenue of the State, the Treasurer shall in each of the financial years set out in the third schedule pay to the University the sum set out in the said schedule opposite to that financial year.

(2) The said sums shall be paid out of the general revenue of the State which is hereby to the necessary extent appropriated accordingly.

(3) The University shall apply the said sums for the purpose of extending the researches in Agriculture and allied subjects at the Waite Agricultural Research Institute of the University.

#### Conditions of Grant

\*26. All moneys paid to the University under section 25 shall be deemed to be paid on the following conditions, namely:—

- (i) The Waite Agricultural Research Institute of the University shall conduct researches in cereal breeding, plant genetics, and plant nutrition, the improvement of pastures and pasture plants, agricultural chemistry and its application to the production of farm crops, soil management, and soil classification, and shall maintain divisions of entomology and plant pathology for the purpose of investigating the insect and fungus diseases of agricultural and horticultural crops, and shall undertake such other investigations as may from time to time be prescribed by the Council during the currency of section 25 and this section;
- (ii) The said Waite Agricultural Research Institute shall, in addition to the investigational work aforesaid, furnish an advisory service in plant pathology and entomology to the Minister of Agriculture;
- (iii) The staff of the said Waite Agricultural Research Institute shall, upon such terms and conditions as are agreed upon between the Minister of Agriculture and the University, make and report to the Minister the result of any investigation in agricultural matters which he requires to be so made and reported upon;
- (iv) The University shall maintain a course in agricultural science of degree standard for the training of graduates for service in the Department of Agriculture, the Education

\* Amended by the University of Adelaide Act Amendment Act, No. 2340 of 1937, and by the University of Adelaide Act Amendment Act, No. 9 of 1943.

Department, the Stock and Brands Department, and the Woods and Forests Department, and for service under the Minister of Irrigation.

†26a. (1) The Treasurer, with the approval of the Governor, may guarantee payment by the University to the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which is provided by the Commonwealth in the first instance.

(2) A guarantee given pursuant to this section may apply in relation to money provided by the Commonwealth either before or after the enactment of this section.

(3) The money required to meet any liability of the Treasurer under a guarantee given pursuant to this section shall be paid out of the general revenue of the State under the authority of this Act without further appropriation.

#### Provision for Employment of Graduates in Agricultural Science in Certain Government Departments

\*27. (1) In each of the ten years next after the twenty-third day of December, nineteen hundred and twenty-seven, the Council may nominate to the Minister of Agriculture not more than four persons who have taken the course in agriculture at the University and obtained the degree of Bachelor of Science at the University, to be officers of the departments of the public service mentioned in subsection (2). After nomination made as aforesaid the Government shall, notwithstanding any of the provisions of any Act for the regulation of the public service to the contrary, appoint the said persons to be officers in one of the departments aforesaid at salaries of not less than three hundred pounds a year.

(2) In this section "departments" include the Department of Agriculture, the Education Department, the Stock and Brands Department, the Woods and Forests Department, and the Department of Lands.

#### Annual Report

28. (1) The Council or the Senate shall, during the month of January in every year, present to the Governor a report of the proceedings of the University during the previous year.

(2) The report shall contain a full account of the income and expenditure of the University, audited in such manner as the Governor may direct.

(3) A copy of every report made pursuant to this section, and of every Statute and Regulation of the University allowed by the Governor pursuant to this Act, shall be laid in every year before Parliament.

#### University to be Exempt from Land Tax

29. Notwithstanding anything contained to the contrary in any Act or any rules or regulations made thereunder, all land in respect of which the University, or any person as trustee therefor, would, but

† Inserted by the University of Adelaide Act Amendment Act, No. 9 of 1946.

\* Repealed by the University of Adelaide Act Amendment Act, No. 2340 of 1937.

for this section, be liable to pay tax to the State of South Australia, shall from and after the eleventh day of October, nineteen hundred and twenty-three, be exempt from taxation by the said State.

#### Trusts in Relation to Certain University Land

30. The land granted to the University pursuant to section 16 of The Adelaide University Act and to The University Site Act, 1876, shall be held upon the trusts for the purposes of the University approved by the Governor.

#### Validation of Degrees and Statutes and Regulations

31. (1) All persons admitted before the sixth day of November, nineteen hundred and twenty-four, by the University to the degrees of Bachelor of Dental Surgery and Doctor of Dental Science shall be deemed to have been lawfully admitted to those degrees, and the conferring of those degrees shall have the same force and effect as if the powers given to the University under section 3 of the Adelaide University Act Amendment Act, 1924, had been given to the University before the admission of the said persons to the said degrees.

(2) All Statutes and Regulations made, altered, or repealed before the sixth day of November, nineteen hundred and twenty-four, by the University with respect to the degrees of Bachelor of Dental Surgery and Doctor of Dental Science shall be deemed to have been lawfully made, altered, or repealed, as the case may be, and shall have the same force and effect as if the powers given to the University under section 3 of the Adelaide University Act Amendment Act, 1924, had been given before the said Statutes and Regulations were made, altered, or repealed, as the case may be.

#### THE FIRST SCHEDULE

Reference to Acts.	Short Titles of Acts
No. 20 of 1874 .....	The Adelaide University Act.
No. 45 of 1876 .....	The University Site Act, 1876.
No. 143 of 1879 .....	The Adelaide University Act Amendment Act.
No. 172 of 1880 .....	The University of Adelaide Degrees Act.
No. 441 of 1888 .....	The Degrees in Surgery Act.
No. 1058 of 1911 .....	The Adelaide University Act Amendment Act, 1911.
No. 1555 of 1923 .....	Adelaide University Act Amendment Act, 1923.
No. 1614 of 1924 .....	Adelaide University Act Amendment Act, 1924.
No. 1831 of 1927 .....	Agricultural Education Act, 1927.

#### THE SECOND SCHEDULE

This Indenture made the twenty-fourth day of December, one thousand eight hundred and seventy-two, between Walter Watson Hughes, of Torrens Park, near Adelaide, in the Province of South Australia, Esquire, of the one part, and Alexander Hay, of Adelaide, aforesaid, Esquire, Treasurer of the Executive Council of the University Association, of the other part: Whereas the said Walter Watson Hughes is desirous that a University should be established in the said Province, to be called "The Adelaide University," and has agreed to assist in the foundation of such University, by contributing the sum of Twenty Thousand Pounds in endowing by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy: And whereas the said Walter Watson Hughes, his executors



or administrators is or are entitled to nominate and appoint the two first Professors to such chairs: And whereas an Association has been formed, and has undertaken to endeavour to found and establish such University, and has appointed an Executive Council: And whereas the said Alexander Hay has been appointed Treasurer of the said Executive Council: Now this Indenture witnesseth, that in consideration of the premises, the said Walter Watson Hughes doth hereby for himself, his heirs, executors, and administrators covenant with the said Alexander Hay, his executors and administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will on or before the expiration of ten years from the date hereof, pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds sterling: and will, in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments: And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs: And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M.A., Incumbent of the Church of England, in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature. And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other such chairs as Professor of English Language and Literature, and Mental and Moral Philosophy: And it is hereby agreed and declared that the annual income and interest of the said sum of Twenty Thousand Pounds shall be applied for the purposes aforesaid in equal sums quarterly, and for no other purpose whatever: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall be held by the Treasurer of the said University, or by the Corporation thereof, when the said University shall become incorporated, for the purpose of paying and applying the annual interest and income thereof equally in endowing two chairs or professorships in the said University, one of such chairs or professorships being Classics and Comparative Philology and Literature, and the other of such chairs or professorships being English Language and Literature, and Mental and Moral Philosophy: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall, when the same is received by the Treasurer of the said University or by the University when incorporated, be invested upon South Australian Government Bonds, Debentures, or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid: In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

Signed, sealed, and delivered by the said )  
 Walter Watson Hughes, in the presence of ) W. W. HUGHES (L.S.)  
 Richard B. Andrews, Solicitor, Adelaide.)

### THE THIRD SCHEDULE

Sums payable to the University for the purpose of promoting agricultural research at the Waite Agricultural Research Institute.

Financial Year	Amount Payable £
1927-28	5,000
1928-29	7,000
1929-30	8,000
1930-31	9,000
1931-32	10,000
1932-33	11,000
1933-34	12,000
1934-35	13,000
1935-36	14,000
1936-37	15,000

Repealed by the University of Adelaide Act Amendment Act, No. 2340 of 1937.

**TRUST CLAUSE OF DEED WHEREBY THE HONOURABLE THOMAS ELDER GRANTED £20,000 TO THE UNIVERSITY**

By an Indenture, which bears date the 6th day of November, 1874, the Honourable Thomas Elder covenanted to pay Twenty Thousand Pounds, and the trust clause in that deed provides:—"And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several Professors, Lecturers, Examiners, officers, and servants to be appointed by such University, and for defraying the expense of such fellowships, scholarships, prizes and exhibitions as shall be awarded for the encouragement of students in such University, and for providing a Library for the same; and for discharging all necessary charges connected with the management thereof, and for no other use or purpose whatsoever. And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall, when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested\* upon South Australian Government Bonds, Debentures, or Securities, and the interest and annual income arising from such investments shall be paid and applied to and for the benefit and advantage of the said University in the manner and for the intents and purposes herein-before mentioned and described, and to or for no other purpose whatsoever."

\* By a deed executed in 1880 the University is empowered to invest the moneys in the purchase of freehold lands and buildings and on first mortgages of freehold lands and buildings in South Australia.

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**UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.**

No. 2327 of 1936

(Assented to 3rd December, 1936.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1936."

(2) The University of Adelaide Act, 1935 (which is hereinafter referred to as "the principal Act") and this Act may be cited together as the "University of Adelaide Acts, 1935 and 1936."

2. (1) Section 24 of the principal Act is amended by striking out the word "twenty" in the third line thereof and by inserting in lieu thereof the word "thirty."

(2) Sub-section (2) of section 24 of the principal Act is amended by adding at the end thereof the following passage—

"No portion of any such grant shall be applied to or for the purposes of any college or educational institution affiliated with the University."

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**UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.**

No. 2340 of 1937.

(Assented to 15th September, 1937)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1937."

(2) The University of Adelaide Act, 1935, as amended by this Act may be cited as the "University of Adelaide Act, 1935-1937."

(3) The University of Adelaide Act, 1935, is in this Act referred to as "the principal Act."

\*2. Sub-section (1) of section 25 of the principal Act is repealed and the following sub-section is enacted in lieu thereof:—

(1) In addition to any other sums payable to the University out of the general revenue of the State, the Treasurer shall in each of the seven financial years commencing with the financial year 1937-1938, pay to the University the sum of fifteen thousand pounds.

3. (1) Paragraph II of section 26 of the principal Act is amended by inserting the word "botany" before the words "plant pathology" therein.

(2) Paragraph IV of section 26 of the principal Act is amended by striking out all the words therein after "standard."

(3) The following paragraph is inserted at the end of section 26:—

(v) The Director of the Waite Agricultural Research Institute shall in every year furnish the Minister of Agriculture with a report on the work of the Institute during the preceding year, and the Minister of Agriculture shall lay the report before Parliament at the earliest convenient time.

4. As from the twenty-fourth day of December, nineteen hundred and thirty-seven, section 27, of the principal Act shall be repealed.

5. The third schedule to the principal Act is repealed.

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#### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1942."

(2) The University of Adelaide Act, 1935-1937, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1942."

(3) The University of Adelaide Act, 1935-1937, is in this Act referred to as "the principal Act."

2. This Act is incorporated with the principal Act, and this Act and that Act shall be read as one Act.

3. Section 12 of the principal Act is amended by striking out sub-sections (3) and (4) thereof and inserting in lieu thereof the following sub-sections:—

(3) The Vice-Chancellor shall hold office on such terms and conditions and at such salary as the Council from time to time determines: Provided that any alteration made by the Council in the salary or the terms and conditions of the service of the Vice-Chancellor shall not, unless the Vice-Chancellor in office at the time of the alteration consents, have effect until his term of office has expired or otherwise determined.

\* Amended by the University of Adelaide Act Amendment Act, No. 9 of 1943.

(4) If the Chancellor or the Vice-Chancellor is not a member of the Council at the time of his election he shall upon his election become a member of the Council, and shall remain a member of the Council during his term of office as Chancellor or Vice-Chancellor; and in any such case the Council shall consist of twenty-six members, or if both the Chancellor and Vice-Chancellor become members by virtue of this section, of twenty-seven members.

4. Section 24 of the principal Act is amended by striking out the word "thirty" in the third line thereof and inserting in lieu thereof the word "forty."

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#### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1943."

(2) The University of Adelaide Act, 1935-1942, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1943."

(3) The University of Adelaide Act, 1935-1942, is in this Act referred to as "the principal Act."

2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.

3. Section 25 of the principal Act is amended by inserting after sub-section (1) thereof the following sub-section:—

(1a) In addition to any other sums payable to the University out of the general revenue of the State the Treasurer shall pay to the University—

- (a) in the financial year 1943-44, the sum of fifteen thousand pounds;
- (b) in each of the seven financial years commencing with the financial year 1944-45, the sum of eighteen thousand pounds.

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#### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1946."

(2) The University of Adelaide Act, 1935-1943, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1946."

(3) The University of Adelaide Act, 1935-1943, is hereinafter called "the principal Act."

2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.

3. The following section is enacted and inserted in the principal Act after section 26 thereof.

26a. (1) The Treasurer, with the approval of the Governor, may guarantee payment by the University to the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which is provided by the Commonwealth in the first instance.

(2) A guarantee given pursuant to this section may apply in relation to money provided by the Commonwealth either before or after the enactment of this section.

(3) The money required to meet any liability of the Treasurer under a guarantee given pursuant to this section shall be paid out of the general revenue of the State under the authority of this Act without further appropriation.

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### THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

Be it enacted by the Governor of the State of South Australia with the advice and consent of the Parliament thereof, as follows:

1. This Act may be cited as "The University Land Act, 1929."

2. Sections 1, 2, 3, and 4 of, and the First Schedule to, the Act No. 351 of 1885 entitled "An Act to set apart certain Land for a Jubilee Exhibition and for other purposes," are repealed.

3. The land shown in the plan in the Schedule to this Act and therein hachured in black is hereby vested in The University of Adelaide for an estate in fee simple.

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### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

Be it enacted by the Governor of the State of South Australia, with the advice and consent of the Parliament thereof, as follows:

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1950."

(2) The University of Adelaide Act, 1935-1946, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1950."

(3) The University of Adelaide Act, 1935-1946, is hereinafter called the "principal Act."

2. Section 3 of the principal Act is amended by adding at the end thereof the following additional definition:—

"University grounds" means—



- (a) the lands in the City of Adelaide and in the municipality of Mitcham which are used by the University for purposes of education or scientific research or both;
- (b) the Waite Park in the municipality of Mitcham; and includes
- (c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park.

3. The principal Act is amended by inserting therein after section 18 thereof the following sections:—

18a. (1) The council may make by-laws for all or any of the following purposes:—

- (a) to prohibit persons from trespassing on the University grounds;
- (b) to prevent damage to the University grounds and any fixtures, chattels, trees, shrubs, bushes, flowers, gardens and lawns on or in those grounds;
- (c) to regulate speed at which vehicles may be driven on the University grounds;
- (d) to prohibit the dangerous or careless driving of vehicles on the University grounds;
- (e) to prohibit the driving on the University grounds of vehicles the weight of which when laden exceeds the amount prescribed in the by-laws;
- (f) to prescribe the route to be followed by traffic on roads, ways, or tracks within the University grounds and the specific gates which may be used for the entrance and exit of vehicles and pedestrians and to require the observance of one-way traffic rules on specified roads, ways, or tracks;
- (g) to regulate the parking, ranking, placing and arranging of vehicles on University grounds and to empower authorized persons to remove any vehicle from the University grounds without assigning any reason;
- (h) generally to regulate traffic of all kinds on the University grounds;
- (i) to prohibit disorderly conduct or indecent language by persons on the University grounds and to empower authorized persons to remove from those grounds persons guilty of disorderly conduct or indecent language thereon;
- (j) to prohibit, restrict or regulate the consumption of alcoholic liquor on the University grounds and the bringing of alcoholic liquor on to those grounds, and to empower authorized persons to remove from the University grounds any intoxicated person and to search the University grounds and vehicles thereon for alcoholic liquor and to seize any liquor reasonably suspected of having been brought on to the University grounds contrary to any by-law;
- (k) to empower the council to confiscate any liquor brought on to the University grounds contrary to any by-law;

- (l) to prevent persons from climbing on fences or buildings or walking over gardens or lawns on the University grounds;
- (m) to regulate the conduct of open air and indoor meetings held on the University grounds;
- (n) to prevent the interruption of lectures or meetings by noise or unseemly behaviour on the University grounds whether in or outside of buildings and to prevent undue noise from motor vehicles on the University grounds.
- (o) to prescribe fines recoverable summarily not exceeding twenty pounds for any contravention of any by-law; and
- (p) to empower the University to recover summarily compensation for any damage done to the University grounds.

(2) The council may declare in any such by-law that it shall apply to a part only of the University grounds specified therein, and it shall so apply accordingly.

(3) In this section "authorized person" means a person appointed by the council to be an authorized person for the purposes of this section.

(4) The council may appoint any person to be an authorized person for purposes of this section, and may, at will, revoke any such appointment.

18b. No by-law shall be made—

- (a) except at a meeting of the council of which at least fourteen days' prior notice in writing has been sent by post to each member of the council specifying the by-laws intended to be proposed; or
- (b) unless a majority of all the members of the council vote at the meeting in favour of the proposed by-law.

18c. (1) Every by-law—

- (a) shall be submitted to the Governor for confirmation and shall be of no force until confirmed;
- (b) after confirmation shall be published in the *Gazette* at the expense of the University;
- (c) shall, subject to subsection (2) hereof, take effect from the day of that publication or from any later day fixed by the by-law; and
- (d) shall be laid before each House of Parliament within the first fourteen sitting days of that House after the said publication.

(2) If either House of Parliament passes a resolution disallowing any by-laws of which resolution notice has been given at any time within fourteen sitting days of that House after the by-law has been laid before it the by-law shall thereupon cease to have any effect, but without affecting the validity or curing the invalidity of anything done or omitted in the meantime. This subsection shall apply although all the fourteen sitting days, or some of them, do not occur in the same session of Parliament as that in which the by-law is laid before the House.

(3) When a resolution has been passed as mentioned in subsection (2) hereof notice of the resolution shall forthwith be published in the *Gazette*.

18d. When a by-law has been confirmed by the Governor and published in the *Gazette* all conditions precedent to the making thereof shall be conclusively deemed to have been fulfilled.

18e. (1) The council shall set out the substance of all its by-laws respecting traffic on a notice board at each entrance which leads directly from a road or street to the University grounds and is ordinarily used by vehicular traffic.

(2) Failure to comply with subsection (1) of this section shall not affect the validity or operation of any by-law.

18f. The provisions of section 38 of the Acts Interpretation Act, 1915, shall not apply to by-laws made under this Act.

18g. No by-laws under this Act shall take away or restrict any liability, civil or criminal, arising under any provision of any other Act or at common law.

18h. In any proceedings for any contravention of any by-law the allegation in the complaint that any place was on the University grounds shall be *prima facie* evidence of the fact alleged.

18i. Where a contravention of any by-law made by the Council in exercise of the powers conferred by section 18a of this Act has been committed by any student of the University, the Council, instead of charging him with such contravention in a court of summary jurisdiction, may direct that he be charged with such contravention before the Board of Discipline, and the Board of Discipline, if it finds such offence to be proved, may punish the offender in any of the ways mentioned in the Statute made by the Council prescribing the functions and powers of the Board of Discipline.

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## UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 8 of 1964.

(Assented to 12th March, 1964.)

Be it enacted by the Governor of the State of South Australia, with the advice and consent of the Parliament thereof, as follows:

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1964".

(2) The University of Adelaide Act, 1935-1950, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1964".

(3) The University of Adelaide Act, 1935-1950, is hereinafter referred to as "the principal Act".



2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.

3. Section 18a of the principal Act is amended—

- (a) by striking out all the words after the word “grounds” (first occurring) in paragraph (g) of subsection (1) thereof;
- (b) by inserting the following paragraphs in the said subsection (1) thereof after paragraph (g) of that subsection:
  - (g1) to prohibit the parking, ranking, placing and leaving of vehicles on University grounds or any part thereof by any person or any class of persons;
  - (g2) to empower authorized persons to remove any vehicle from the University grounds without assigning any reason;
- (c) by inserting at the end thereof the following subsection:

(5) The by-laws made by the council on the twentieth day of December, 1963, and confirmed by the Governor on the ninth day of January, 1964, and published in the *Gazette* of the same date at pages 59 and 60 shall have the same force, effect and validity as if the amendments made by the University of Adelaide Act Amendment Act, 1964, had been in force on the day of the making of the said by-laws.

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BY-LAWS MADE UNDER THE UNIVERSITY OF ADELAIDE  
ACT AMENDMENT ACT

No. 9 of 1950.

1. In these by-laws—

“Authorised person” means a person appointed by the Council to be an authorised person for the purposes of section 18a of the University of Adelaide Act Amendment Act, 1950, and these by-laws;

“Council” means the Council of the University of Adelaide;

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

- (a) the lands in the City of Adelaide and in the Municipality of Mitcham which are used by the University for purposes of education or scientific research or both;
- (b) the Waite Park in the Municipality of Mitcham; and includes

(c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park;

"Vehicle" includes any motor car, motor truck, motor cycle, carriage, cart, bicycle, or other vehicle of whatsoever kind or nature and howsoever ridden, driven, or propelled.

2. (1) No person shall wilfully trespass on the University grounds.

(2) Every person reasonably suspected by an authorised person of trespassing on University grounds shall give his name and address to that authorised person upon being requested so to do.

(3) Any person reasonably suspected by an authorised person of trespassing on the University grounds shall forthwith leave the University grounds if requested to do so by that authorised person.

\*3. Any authorised person may remove any vehicle from the University grounds without assigning any reason.

\*4. No person shall drive any vehicle into or permit any vehicle to be or remain upon the University grounds unless for some purpose of University business or University education.

†5. No person shall park or leave any vehicle in any place in the University grounds unless the permission of the Council has previously been given for the parking or leaving of such vehicle in such place.

\*6. No person shall cause any vehicle to enter or leave the University grounds except in accordance with the rules set out in the second schedule to these by-laws.

\*7. No person shall drive any vehicle on any of the roads in the University grounds specified in the third schedule to these by-laws except in the direction specified in respect of such road in the said third schedule.

\*7a. No person shall park or leave any vehicle in the University grounds in such manner as to obstruct the passage of vehicles or pedestrians.

8. No person shall drive any vehicle within the University grounds at a speed exceeding fifteen miles an hour.

9. No person shall drive any vehicle on the University grounds in a dangerous or careless manner.

10. No person unless authorised by the Architect supervising any University works shall drive on the University grounds any vehicle which when laden exceeds four tons in weight.

11. No person shall use any motor vehicle on the University grounds in such manner as to cause undue noise.

12. When the Council has fixed a speed limit for any specified road within the University grounds and notices are posted on such road indicating such speed limit, no person shall drive any vehicle on such road at any higher speed.

\* Allowed 9th January, 1964.

† Allowed 14th January, 1965.

\*13. No person shall ride, drive, or push a motor cycle on the University grounds except between either of the gateways on Victoria Drive and the motor cycle parking area in the vicinity of the said gateways.

\*13a. The driver of any vehicle in the University grounds, or any person reasonably suspected by an authorised person of having parked or left a vehicle in any place in the University grounds, shall give his name and address to any authorised person who asks him for his name and address.

14. No person shall on the University grounds use any indecent language or be guilty of any disorderly conduct. Any authorised person may remove from the University grounds persons guilty of disorderly conduct or indecent language thereon.

15. No person shall in the way of disorderly conduct throw, place, deposit, or leave on the University grounds any rubbish, refuse, paper, bottles, or glass (broken or otherwise), or any litter of any kind or nature whatsoever.

16. No person shall interrupt any lecture or any meeting by any noise or unseemly behaviour on the University grounds.

17. (1) No person shall, without the permission of the Council or its delegate, bring any intoxicating liquor into or keep or consume any liquor upon the University grounds.

(2) Any authorised person may remove from the University grounds any intoxicated person and may search the University grounds and vehicles thereon for alcoholic liquor and may seize any liquor reasonably suspected of having been brought on to the University grounds contrary to this by-law.

(3) The Council may confiscate any liquor brought on to the University grounds contrary to this by-law, and thereupon such liquor shall become the property of the University.

(4) The Council may from time to time appoint a delegate for the purposes of this by-law.

18. (1) No person shall on any part of the University grounds—
- (a) cut, break, deface, pick, remove, or destroy or injure any tree, shrub, hedge, plant or flower, or any part of any lawn or garden;
  - (b) remove or damage or injure or interfere with any stake or label on or near any tree, shrub, plant or flower;
  - (c) walk on or over or cause damage to any bed containing or being prepared for flowers or shrubs or walk on or over any lawn in contravention of any notice posted thereon;
  - (d) enter or walk on or over any part of the University grounds which is temporarily enclosed and on which is posted a notice prohibiting persons from entering or walking thereon; or

\* Allowed 9th January, 1964.

\*\* Allowed 29th September, 1966.

(e) damage, or injure or interfere with or climb upon any fence, building, or erection, or any fixed or movable thing.

(2) This by-law shall not apply to employees of the University acting in the course of their employment.

19. (1) The Council or its delegate may prohibit the holding of any meeting on the University grounds.

(2) No person shall conduct, promote, or take part in any meeting so prohibited.

20. Any person who contravenes or fails to observe any of these by-laws shall be guilty of an offence and liable to a penalty not exceeding Twenty Pounds (\$40) and to pay compensation for damage as hereinafter provided.

21. (1) Penalties incurred under these by-laws may be recovered in a summary manner.

(2) In any proceedings for the recovery of penalties, the University may claim and recover summarily compensation for damage done by the defendant to the University grounds or anything growing or being thereon.

#### THE FIRST SCHEDULE.

Repealed 14th January, 1965.

#### THE SECOND SCHEDULE.

##### *Rules Relating to Entrances to and Exits from the University Grounds.*

1. The western gateway from North Terrace is reserved for *Inward* traffic only.

2. (a) The gate directly in front of the Bonython Hall is reserved for *Inward* traffic only.

(b) The gate near the south-eastern corner of the Mitchell Building is reserved for *Outward* traffic only.

3. The gateway on Frome Road between the Engineering Building and the R. A. Fisher Laboratories is reserved for *Outward* traffic only.

4. The gateway on Frome Road between the R. A. Fisher Laboratories and the Mawson Laboratories is reserved for *Inward* traffic only.

5. The gateway on Victoria Drive between the Benham Laboratories and the Mawson Laboratories is reserved for *Outward* traffic only.

6. The gateway on Victoria Drive near the George Murray Building is reserved for *Inward* traffic only.

7. The gateway on Victoria Drive near the Lady Symon Building is reserved for *Outward* traffic only.

8. The gateway on Kintore Avenue between the Physical and Inorganic Chemistry Laboratories and the C.S.I.R.O. Building in the embankment is reserved for *Inward* traffic only.

9. All gateways other than those referred to in 1 to 8 above may be used for both *Inward* and *Outward* traffic.

## THE THIRD SCHEDULE.

*One-way Traffic Roads in the University Grounds.*

1. The western drive between the Mitchell Building and the National Gallery on the Upper Level of the University: in a *northerly* direction.
2. The roadway north of the Prince of Wales Building: in an *easterly* direction.
3. The roadway east of the Elder Conservatorium: in a *southerly* direction.
4. The roadway south of the Johnson Chemistry Laboratories: in an *easterly* direction.
5. The roadway east of the Barr Smith Library: in a *southerly* direction.
6. The roadway between the Mathematics Building and the Engineering Building: in an *easterly* direction.
7. The roadway between the Benham Laboratories and the Mawson Laboratories: in a *northerly* direction.
8. The roadway east of the R. A. Fisher Laboratories: in a *southerly* direction.

The above by-laws were made by the Council of the University of Adelaide on 31st March, 1951, amended by the Council of the University of Adelaide on the 20th December, 1963, allowed by the Governor in Executive Council on 24th May, 1951, 9th January, 1964, 14th January, 1965, and 26th September, 1966.

## HOSPITALS ACT, 1934.

No. 2158 of 1934.

## Adelaide Hospital to be Medical and Dental School

Section 32 of the Act provides—

32. (1) The Adelaide Hospital shall be a school of medical and dental instruction in connection with the University of Adelaide, and any person who has been admitted as a student of the said University and is studying in the medical course or the dental course thereof, shall be entitled to attend at the Adelaide Hospital for instruction in connection with any such course, subject to any statutes and regulations made by the Council of the said University and any regulations made by the Board.

(2) The provisions contained in the Adelaide University Act relating to statutes and regulations and to the making and effect thereof shall apply to all statutes and regulations made by the said Council under this section and to the making and effect thereof.

## Advisory Committee

Section 33 provides—

33. (1) There shall be an advisory committee for the purpose of advising and assisting the Council of the University of Adelaide and the Board with respect to any matter concerning the medical course and the dental course of the said University and the attendance and instruction at the Adelaide Hospital of students in the said courses.

\* (2) The committee shall consist of a chairman and nine other members.

\* (2a) The chairman shall be a person appointed by the Governor on the nomination of the Minister.

\* (2b) The members of the Committee other than the Chairman shall be respectively nominated as follows:—

One by the Council of the University of Adelaide;

One by the Faculty of Medicine of the said University;

One by the Council of the Royal Australian College of Physicians;

One by the Council of the Royal Australian College of Surgeons;

One by the Faculty of Dentistry of the said University;

Two by the board;

Two by members of the honorary medical staff of the Adelaide Hospital.

(3) When a vacancy occurs on the committee, whether by the expiration of a member's term of office or otherwise, the Governor shall, after nomination as hereinafter mentioned, appoint a member to fill the vacancy. The nomination of the member so appointed to fill the vacancy shall be made by the body or persons who nominated the member in whose place such member is appointed.

(4) Every nomination shall be made in manner prescribed.

(5) The provisions of sections 25 to 28 (both inclusive) shall, *mutatis mutandis*, apply to and in respect of the committee:

\* Provided that any five members shall constitute a quorum at any meeting of the Committee.

\* Amendments given assent, 27th November, 1958.

## ALMANAC FOR 1969

### TERMS

First Term: March 10—May 17

Second Term: June 9—August 9

Third Term: September 1—December 13.

Lectures will cease in some cases in the week ending October 25 and in others in the week ending November 1.



## JANUARY

1969

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- W. 1 Public Holiday: New Year's Day.  
Commonwealth inaugurated 1901.
- M. 13 LAST DAY OF ENTRY for the Special Degree and Diploma  
Examinations to begin on January 28.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- F. 17 Last day of entry for the Supplementary Matriculation  
Examinations to be held in February.
- M. 20 Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- M. 27 Public Holiday: Celebration of Australia Day.
- Tu. 28 Special Degree and Diploma Examinations begin.
- F. 31 Finance Committee—2.20 p.m.
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## FEBRUARY

- M. 3 Hospital year begins.  
Faculty of Law—4.30 p.m.
- Tu. 4 Faculty of Agricultural Science—2 p.m.
- W. 5 Faculty of Technology and Applied Science—10 a.m.  
Faculty of Economics—4 p.m.
- Th. 6 Faculty of Dentistry—5 p.m.
- F. 7 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 10 ENROLMENTS FOR ALL COURSES BEGIN.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 11 Supplementary Matriculation Examinations may begin.  
Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 12 Faculty of Arts—2 p.m.  
Faculty of Engineering—3.30 p.m.  
Postgraduate Committee in Medicine—8 p.m.
- Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.
- S. 15 LAST DAY OF ENROLMENT IN TECHNOLOGY,  
APPLIED SCIENCE AND PHARMACY and in  
SECOND-YEAR and THIRD-YEAR SCIENCE SUB-  
JECTS.
- M. 17 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 21 LAST DAY OF ENROLMENT for courses other than those  
for which the last day was February 15.  
Education Committee—2 p.m.
- M. 24 LECTURES BEGIN in the second-year and third-year sub-  
jects for the degrees of Bachelor of Technology and  
Bachelor of Applied Science, Bachelor of Pharmacy  
and the Diploma in Pharmacy that are given at the  
S.A. Institute of Technology.
- F. 28 Finance Committee—2.20 p.m.

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For last day of entry for examinations in Music and the  
Art of Speech to be held in April, see A.M.E.B. Manual.

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## MARCH

- M. 3 Conservatorium first term begins.  
Faculty of Law—4.30 p.m.
- Tu. 4 Faculty of Agricultural Science—2 p.m.
- W. 5 Faculty of Economics—4 p.m.
- Th. 6 Faculty of Dentistry—5 p.m.
- F. 7 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- S. 8 Long vacation ends.
- M. 10 UNIVERSITY FIRST TERM BEGINS  
*Note:* Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.  
Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 11 Standing Sub-Committee of the Education Committee—9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 12 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 17 LECTURES BEGIN.  
Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—5 p.m.
- F. 21 Education Committee—2 p.m.
- F. 28 Finance Committee—2.20 p.m.

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For last day of entry for examinations in Music and the Art of Speech to be held in April, see A.M.E.B. Manual.

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## APRIL

- Tu. 1 Faculty of Agricultural Science—2 p.m.
- W. 2 Faculty of Economics—4 p.m.
- Th. 3 Council—2.20 p.m.  
Faculty of Dentistry—5 p.m.
- F. 4 GOOD FRIDAY.
- M. 7 EASTER MONDAY.
- Tu. 8 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 9 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 11 Faculty of Music—9.15 a.m.  
Faculty of Medicine—8 p.m.
- M. 14 Board of Research Studies—9.15 a.m.  
Public Examinations Board—2.15 p.m.  
Faculty of Law—4.30 p.m.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- F. 18 Education Committee—2 p.m.  
Standing Committee of the Senate—8 p.m.
- M. 21 Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- Th. 24 Finance Committee—2.20 p.m.
- F. 25 ANZAC DAY.

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For Theory of Music and Art of Speech examinations, see  
A.M.E.B. Manual.

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## MAY

- Th. 1 Faculty of Dentistry—5 p.m.
- F. 2 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 5 Faculty of Law—4.30 p.m.
- Tu. 6 Faculty of Agricultural Science—2 p.m.
- W. 7 ANNUAL COMMEMORATION—FIRST CEREMONY—  
11 a.m.  
ANNUAL COMMEMORATION—SECOND CEREMONY  
—3 p.m.  
Postgraduate Committee in Medicine—8 p.m.
- Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.  
Faculty of Economics—4 p.m.
- M. 12 Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 13 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 14 ANNUAL COMMEMORATION—THIRD CEREMONY  
—11 a.m.  
ANNUAL COMMEMORATION—FOURTH CEREMONY  
—3 p.m.
- Th. 15 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- S. 17 UNIVERSITY FIRST TERM ENDS.
- M. 19 University first short vacation begins.  
Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 23 Education Committee—2 p.m.
- S. 24 Conservatorium first term ends.
- M. 26 Conservatorium first short vacation begins.
- F. 30 Finance Committee—2.30 p.m.
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## JUNE

- M. 2 Faculty of Law—4.30 p.m.  
Tu. 3 Faculty of Agricultural Science—2 p.m.  
W. 4 Faculty of Economics—4 p.m.  
Th. 5 Faculty of Dentistry—5 p.m.  
F. 6 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.  
S. 7 University and Conservatorium first short vacation ends.  
M. 9 UNIVERSITY AND CONSERVATORIUM SECOND  
TERM BEGINS.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.  
Tu. 10 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.  
W. 11 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.  
Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.  
M. 16 Public Holiday: Celebration of Queen's Birthday.  
Tu. 17 Board of Research Studies—9.15 a.m.  
Public Examinations Board—2.15 p.m.  
F. 20 Education Committee—2 p.m.  
M. 23 Advisory Committee of the University and the Q.E.H.—  
5 p.m.  
F. 27 Finance Committee—2.20 p.m.

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For last day of entry for Music and the Art of Speech  
examinations to be held in October, see A.M.E.B.  
Manual.

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## JULY

- Tu. 1 Faculty of Agricultural Science—2 p.m.
- W. 2 Faculty of Economics—4 p.m.
- Th. 3 Faculty of Dentistry—5 p.m.
- F. 4 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 7 Faculty of Law—4.30 p.m.
- Tu. 8 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 9 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 14 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- F. 18 Education Committee—2 p.m.  
Standing Committee of the Senate—8 p.m.
- M. 21 Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 25 Finance Committee—2.20 p.m.
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## AUGUST

- F. 1 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 4 Faculty of Law—4.30 p.m.
- Tu. 5 Faculty of Agricultural Science—2 p.m.
- W. 6 Faculty of Economics—4 p.m.
- Th. 7 Faculty of Dentistry—5 p.m.
- S. 9 University Second Term ends.  
LAST DAY OF ENTRY FOR THE DEGREE AND  
DIPLOMA EXAMINATIONS TO BE HELD IN  
NOVEMBER.
- M. 11 University second short vacation begins.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 12 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 13 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 14 Faculty of Architecture and Town Planning—2.15 p.m.
- S. 16 Conservatorium second term ends.
- M. 18 Conservatorium second short vacation begins.  
Board of Research Studies—9.15 a.m.  
Public Examinations Board—2.15 p.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- W. 20 Postgraduate Committee in Medicine—8 p.m.
- F. 22 Education Committee—2 p.m.
- F. 29 Last day of entry for Public Examinations to be held in  
November.  
Finance Committee—2.20 p.m.
- S. 30 University and Conservatorium second short vacation ends.

## SEPTEMBER

- M. 1 UNIVERSITY AND CONSERVATORIUM THIRD TERM  
BEGINS.  
Faculty of Law—4.30 p.m.
- Tu. 2 Faculty of Agricultural Science—2 p.m.
- W. 3 Faculty of Economics—4 p.m.
- Th. 4 Faculty of Dentistry—5 p.m.
- F. 5 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 8 Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 9 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 10 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 11 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 15 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 19 Education Committee—2 p.m.
- F. 26 Finance Committee—2.20 p.m.

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For Music and the Art of Speech examinations, see A.M.E.B.  
Manual.

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## OCTOBER

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- W. 1 Faculty of Economics—4 p.m.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 6 Faculty of Law—4.30 p.m.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 7 Faculty of Agricultural Science—2 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 13 Public Holiday: Eight-hour Day.
- Tu. 14 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 15 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- F. 17 Standing Committee of the Senate—8 p.m.
- M. 20 Board of Research Studies—9.15 a.m.  
Public Examinations Board—2.15 p.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 24 Education Committee—2 p.m.
- S. 25 Lectures in some Departments end.
- M. 27 Last day for sending to the Clerk of the Senate nominations  
of candidates for the annual vacancies on the Council  
and on the Standing Committee of the Senate and for  
the offices of Warden and Clerk, and notices of motion  
for the meeting of the Senate to be held on Novem-  
ber 26.
- F. 31 Finance Committee—2.20 p.m.
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## NOVEMBER

- S. 1 All lectures end.
- M. 3 Faculty of Law—4.30 p.m.
- Tu. 4 Faculty of Agricultural Science—2 p.m.
- W. 5 Faculty of Economics—4 p.m.
- Th. 6 Faculty of Dentistry—5 p.m.
- F. 7 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 10 DEGREE AND DIPLOMA EXAMINATIONS, IN  
GENERAL, BEGIN.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 11 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 12 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.  
Postgraduate Committee in Medicine—8 p.m.
- Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 17 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 21 Education Committee—2 p.m.
- Tu. 25 Faculty of Agricultural Science—2 p.m.
- W. 26 Senate—8 p.m.  
Election of Members of the Council, of the Standing  
Committee of the Senate, and of the Warden and the  
Clerk of the Senate.
- Th. 27 PUBLIC EXAMINATIONS BEGIN.  
Faculty of Dentistry—5 p.m.
- F. 28 Finance Committee—2.20 p.m.
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## DECEMBER

- 
- M. 1 Faculty of Law—4.30 p.m.
- Tu. 2 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.
- W. 3 Faculty of Economics—4 p.m.
- Th. 4 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 5 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- S. 6 Conservatorium third term ends.
- M. 8 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 9 Postgraduate Committee in Dentistry—8 p.m.
- W. 10 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 11 Education Committee—2 p.m.
- F. 12 Finance Committee—2.20 p.m.
- S. 13 Academic year ends.
- M. 15 Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 19 Council—2.20 p.m.
- Th. 25 CHRISTMAS DAY.
- M. 29 Public Holiday: Proclamation Day.
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## ALMANAC FOR 1970

## TERMS:

First Term: March 9-May 16.

Second Term: June 8-August 8.

Third Term: August 31-December 12.

## JANUARY

1970

- Th. 1 Public Holiday: New Year's Day.  
Commonwealth inaugurated 1901.
- M. 12 Last day of entry for the Special Degree and Diploma  
Examinations to begin on January 27.  
Advisory Committee of the University and the R.A.H.—  
5 p.m.
- M. 19 Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- M. 26 Public Holiday: Celebration of Australia Day.
- Tu. 27 SPECIAL DEGREE AND DIPLOMA EXAMINATIONS  
BEGIN.
- F. 30 Finance Committee—2.20 p.m.
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## FEBRUARY

*Note:* Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1970 may be found in the enrolment leaflet.

- M. 2 Hospital year begins.  
Faculty of Law—4.30 p.m.
- Tu. 3 Faculty of Agricultural Science—2 p.m.
- W. 4 Faculty of Economics—4 p.m.
- Th. 5 Faculty of Dentistry—5 p.m.
- F. 6 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- M. 9 Advisory Committee of the University and the R.A.H.—  
5 p.m.
- Tu. 10 Standing Sub-Committee of the Education Committee—  
9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 11 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.  
Postgraduate Committee in Medicine—8 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 16 Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—  
5 p.m.
- F. 20 Education Committee—2 p.m.
- M. 23 LECTURES BEGIN in those subjects for the degree of  
Bachelor of Technology, Bachelor of Applied Science  
and Bachelor of Pharmacy that are given at the S.A.  
Institute of Technology.
- F. 27 Finance Committee—2.20 p.m.
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 MARCH

- M. 2 Conservatorium first term begins.  
Faculty of Law—4.30 p.m.
- Tu. 3 Faculty of Agricultural Science—2 p.m.
- W. 4 Faculty of Economics—4 p.m.
- Th. 5 Faculty of Dentistry—5 p.m.
- F. 6 Faculty of Music—9.15 a.m.  
Council—2.20 p.m.  
Faculty of Medicine—8 p.m.
- S. 7 Long vacation ends.
- M. 9 FIRST TERM BEGINS.  
*Note:* Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.  
Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 10 Standing Sub-Committee of the Education Committee—9.30 a.m.  
Faculty of Science—2 p.m.  
Postgraduate Committee in Dentistry—8 p.m.
- W. 11 Faculty of Arts—2 p.m.  
Faculty of Technology and Applied Science—2 p.m.  
Faculty of Engineering—3.30 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 16 LECTURES BEGIN.  
Board of Research Studies—9.15 a.m.  
Advisory Committee of the University and the Q.E.H.—5 p.m.
- F. 20 Education Committee—2 p.m.
- Th. 26 Finance Committee—2.20 p.m.
- F. 27 GOOD FRIDAY.
- M. 30 EASTER MONDAY.

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For last day of entry for examinations in Music and the Art of Speech to be held in April, see A.M.E.B. Manual.

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# The University of Adelaide

1969

## VISITOR

HIS EXCELLENCY THE GOVERNOR

## CHANCELLOR

THE HONOURABLE JOHN JEFFERSON BRAY, LL.D. Elected for the first time, 1st November, 1968.

## DEPUTY CHANCELLOR

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melbourne). Elected for the first time, 5th April, 1968.

## VICE-CHANCELLOR

EMERITUS PROFESSOR GEOFFREY MALCOLM BADGER, M.Sc. (Melbourne), Ph.D. (London), D.Sc. (Glasgow), F.A.A. Appointed from 6th March, 1967.

## DEPUTY VICE-CHANCELLOR

PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Cambridge). Appointed from 2nd June, 1967.

## THE COUNCIL

THE CHANCELLOR.

THE VICE-CHANCELLOR. A member since 1965.

VIOLET THENIE BADDAMS, B.A., Dip.Ed., M.A.C.E. Elected for the first time, 27th November, 1968.

PROFESSOR GEOFFREY MALCOLM BADGER, M.Sc. (Melbourne), Ph.D. (London), D.Sc. (Glasgow), F.A.A. Elected for the first time, 24th November, 1965.

PROFESSOR ERIC STEPHEN BARNES, B.A. (Sydney and Cambridge), Ph.D. (Cambridge), F.A.A. A member since 1962. Date of last election, 23rd November, 1966.

GLEN RAYMOND BROOMHILL, M.P. Appointed by Parliament for the first time, 13th May, 1965. Date of last appointment, 17th April, 1968.

PROFESSOR FRANK BERTRAM BULL, M.A. (Cambridge), B.Sc. (London). Elected for the first time, 27th November, 1968.

ARCHIBALD HERBERT CAMPBELL, B.A., Dip.Ed., F.A.C.E. Elected for the first time, 22nd November, 1967.

PROFESSOR JAMES GLADSTONE CORNELL, M.A. (Melbourne), L. ès L. (Paris), Chevalier de la Légion d'Honneur. A member since 1949. Date of last election, 27th November, 1968.

JOHN ANGUS DUNNING, O.B.E., M.A. (Oxford), M.Sc. (N.Z.). A member since 1960. Date of last election, 27th November, 1968.

JEAN GILMORE, LL.B. A member since 1955. Date of last election, 22nd November, 1967.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melbourne). A member since 1954. Date of last election, 23rd November, 1966.

KENNETH STUART HEITZEL, M.D., F.R.C.P., F.R.A.C.P. A member since 1954. Date of last election, 24th November, 1965.

SAMUEL JOSHUA JACOBS, Q.C., LL.B. A member since 1961. Date of last election, 27th November, 1968.

PROFESSOR PETER HENRY KARMEI, B.A. (Melbourne), Ph.D. (Cambridge). A member since 1955. Date of last election, 24th November, 1965.

THE HONOURABLE ALFRED FRANCIS KNEEBONE, M.L.C. Appointed by Parliament for the first time, 17th April, 1968.

ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S. A member since 1963. Date of last election, 23rd November, 1966.

WILLIAM PATRICK McANANEY, A.U.A. (Com.), A.A.S.A., M.P. Appointed by Parliament for the first time, 17th April, 1968.

BRUCE ROY MACKLIN, A.U.A. (Com.), F.C.A. (Aust.). Elected for the first time, 23rd November, 1966.

EDWIN HARRY MEDLIN, Ph.D. Elected for the first time, 22nd November, 1967.

JAMES MELVILLE, M.Sc. (N.Z.), Ph.D. (London). A member since 1958. Date of last election, 23rd November, 1966.

THE HONOURABLE JUSTICE ROMA FLINDERS MITCHELL, LL.B. Elected for the first time, 24th November, 1965.

THE HONOURABLE FRANK JACQUES POTTER, BA., LL.B., M.L.C. Appointed by Parliament for the first time, 2nd August, 1962. Date of last appointment, 17th April, 1968.

## THE SENATE. THE COLLEGES

PROFESSOR RENFREY BURNARD POTTS, D.Phil., D.Sc. (Oxford). Elected for the first time, 27th November, 1968.

PROFESSOR ERIC ALFRED RUSSELL, B.A., B.Com. (Melbourne), M.A. (Cambridge). Elected for the first time, 24th November, 1965.

MERVYN KEITH SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S. Elected for the first time, 19th July, 1968.

IVON ALFRED WARDLE, M.P. Appointed by Parliament for the first time, 17th April, 1968.

## REGISTRAR:

VICTOR ALLEN EDGELOE, B.A. Appointed from 1st January, 1955.

## THE SENATE

The Senate consists of all graduates who have been admitted to a degree of Master or Doctor, and of all other graduates of three years' standing.

## OFFICERS:

Warden—WARREN McINTOSH ROGERS, B.Ec., LL.B. Elected for the first time, 19th June, 1968; date of last election, 27th November, 1968.

Clerk—HENRY ELLIOTT WESLEY SMITH, B.Ed. (Melbourne), Dip.Ed. (Oxford), B.A. Elected for the first time, 24th November, 1965; re-elected 27th November, 1968.

## MEMBERS OF THE STANDING COMMITTEE:

THE WARDEN (ex officio)

LAURA MADELINE ANGEL, M.Sc. A member since 1962. Date of last election, 23rd November, 1966.

JOHN ROYLE CASLEY-SMITH, D.Phil. (Oxford), B.Sc., M.B., B.S. A member since 1966. Date of last election, 27th November, 1968.

FREDERICK HARRY DAVIS, B.A., F.A.C.E. A member since 1963. Date of last election, 22nd November, 1967.

WILLIAM EDWARD STANLEY FORSTER, LL.B. Elected for the first time, 22nd November, 1967.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melb.). A member since 1962. Date of last election, 22nd November, 1967.

OSCAR GRAHAM JONES, M.A. (Oxford). Elected for the first time, 27th November, 1968.

EDWIN HARRY MEDLIN, Ph.D. A member since 1965. Date of last election, 27th November, 1968.

PAUL RADFORD, M.A. (Oxford). A member since 1962. Date of last election, 22nd November, 1967.

DONALD WILLIAM SIMMONS, D.F.C., B.A., B.Ec., A.U.A. (Pub. Admin.). Elected for the first time, 22nd November, 1967.

DAVID JOHN SUTTON, Ph.D. A member since 1965. Date of last election, 22nd November, 1967.

ANNIE WINIFRED WALL, M.B., B.S., F.F.A.R.A.C.S. A member since 1966. Date of last election, 27th November, 1968.

## THE UNIVERSITY COLLEGES

## ST. MARK'S COLLEGE (Affiliated 1924)

Master—The Reverend Malcolm McKenzie, B.A. (Melbourne).

## ST. ANN'S COLLEGE (Affiliated 1939)

Principal—Daryl Feather, B.A. (W. Aust.).

## AQUINAS COLLEGE (Affiliated 1947)

Rector—The Very Reverend Father Bryan Buxton, S.J., M.A. (Melbourne).

## LINCOLN COLLEGE (Affiliated 1951)

Master—The Reverend William Frank Hambly, M.A., D.D. (Melbourne).

## KATHLEEN LUMLEY COLLEGE (Affiliated 1967)

Master—John Hewlett Coates, B.Sc. (Nott.), Ph.D.

## COMMITTEES, FACULTIES AND BOARDS FOR 1969

## EDUCATION COMMITTEE

Chairman: Professor E. S. Barnes

Vice-Chairman: Professor N. T. Flentje

The Chancellor	The Members of the Research Executive Committee
The Deputy Chancellor	The Chairman of the Industrial Liaison Committee
The Vice-Chancellor	The Director of the Waite Agricultural Research Institute
The Deputy Vice-Chancellor	The Director of the Mawson Institute for Antarctic Research
Mr. A. H. Campbell	The Librarian
Mr. J. A. Dunning	The Director of Adult Education
The Deans of Faculties	A representative of the four Colleges
The Chairmen of Boards of Studies	The Professorial Heads of Departments
The Members of the Allocations Committee	
The Members of the Staff Development Committee	
The Members of the Equipment Committee	

## STANDING SUB-COMMITTEE OF THE EDUCATION COMMITTEE

Chairman: Professor E. S. Barnes

Vice-Chairman: Professor N. T. Flentje

The Vice-Chancellor	Professor G. H. Lawton
The Deputy Vice-Chancellor	Professor R. W. R. Rutland
Professor W. A. Cramond	Professor F. K. Wright

## FINANCE COMMITTEE

Chairman: Mr. S. J. Jacobs, Q.C.

The Chancellor	Mr. I. J. Bettison
The Deputy Chancellor	Mr. B. R. Macklin
The Vice-Chancellor	The Hon. Justice Mitchell
The Deputy Vice-Chancellor	Professor E. A. Russell

## ALLOCATIONS COMMITTEE

Chairman: The Vice-Chancellor

Members *ex officio*:

The Deputy Vice-Chancellor	The Chairman of the Staff Development Committee
The Chairman of the Education Committee	The Chairman of the Equipment Committee
The Vice-Chairman of the Education Committee	The Chairman of the Research Executive Committee
The Chairman of the Finance Committee	

Appointed members:

Professor W. A. Cramond	Professor T. G. Wilson
Professor D. Rowley	Professor J. L. Woodward

## STAFF DEVELOPMENT COMMITTEE

Chairman: Professor R. B. Potts

The Vice-Chancellor	The Dean of the Faculty of Arts
The Deputy Vice-Chancellor	The Dean of the Faculty of Engineering
The Chairman of the Education Committee	The Dean of the Faculty of Medicine
The Vice-Chairman of the Education Committee	The Dean of the Faculty of Science
The Chairman of the Equipment Committee	The Dean of the Faculty of Architecture and Town Planning <i>or</i> of Dentistry <i>or</i> of Music
The Director of the Waite Institute	The Dean of <i>either</i> the Faculty of Economics <i>or</i> the Faculty of Law

## EQUIPMENT COMMITTEE

Chairman: Professor D. O. Jordan

The Members of the Staff  
Development Committee                      Professor R. N. Robertson

## RESEARCH EXECUTIVE COMMITTEE

Chairman: Dr. J. Melville

The Deputy Vice-Chancellor              Members *ex officio*:  
The Director of the Waite Institute  
(Professor L. G. Paleg, deputy)

Appointed members:

Professor A. C. Castles                      Dr. F. Jacka  
Professor W. H. Elliott                      Professor G. M. Maxwell  
Professor D. Galliver                        Professor J. L. Woodward

## FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor T. O. Browning

Members *ex officio*:

The Chancellor	Professor C. M. Donald
The Deputy Chancellor	Professor N. T. Flentje
The Vice-Chancellor	Professor A. T. James
The Chairman of the Education Com- mittee	Professor D. O. Jordan
The Dean of the Faculty of Science	Dr. D. R. Liljegen
The Principal of Roseworthy Agri- cultural College	Professor W. V. Macfarlane
Professor H. G. Andrewartha	Dr. J. Melville
Professor A. L. J. Beckwith	Dr. P. W. Miles
Professor J. H. Bennett	Professor D. J. D. Nicholas
Professor T. O. Browning	Professor L. G. Paleg
Professor J. H. Carver	Professor R. N. Robertson
	Professor E. A. Russell
	Professor R. W. R. Rutland

Members appointed by the Council:

Dr. W. G. Allden	Dr. R. W. Nesbitt
Dr. B. G. Coombe	Dr. B. S. Niven
Dr. R. I. B. Francki	Dr. J. R. Sabine
Dr. D. L. Hayman	Dr. R. F. Seamark
Mr. M. I. G. Iliffe	Dr. J. C. Sheldon
Dr. J. F. Jackson	Dr. A. M. Snowswell
Professor F. G. Jarrett	Mr. A. G. Strickland
Dr. C. F. Jenner	Mr. D. E. Taplin
Dr. A. Kerr	Mr. W. B. Taylor
Mr. V. K. Lohmeyer	Mr. I. M. Thomas
Dr. D. A. Maelzer	Mr. I. A. Wardle
Dr. R. A. Massy-Westropp	Dr. J. R. E. Wells
Dr. G. M. E. Mayo	Dr. J. T. Wiskich
Dr. F. D. Morgan	

## FACULTY OF ARCHITECTURE AND TOWN PLANNING

Dean: Professor R. A. Jensen

Members *ex officio*:

The Chancellor	Mr. D. C. Eva
The Deputy Chancellor	Mr. A. J. Gillissen
The Vice-Chancellor	Mr. J. D. Hipper
The Chairman of the Education Com- mittee	Mr. H. N. Hoskings
The Dean of the Faculty of Arts	Professor R. A. Jensen
The Dean of the Faculty of Science	Mr. D. L. Johnson
The Dean of the Faculty of Engineering	Mr. J. D. Kendrick
Professor F. B. Bull	Professor J. H. Michael
Mr. P. J. Corkery	Mr. H. Parsons
	Mr. S. Pikusa

Members appointed by the Council:

Mr. J. D. Cheesman	Mr. F. K. Milne
Mr. G. Duncan	Mr. G. L. Parker
Rev. Dr. W. F. Hambly	Mr. A. E. Welbourn
Mr. R. D. Hastwell	



## FACULTY OF ARTS

Dean: Professor C. J. Horne

Members *ex officio*:

The Chancellor	Professor B. L. D. Coghlan
The Deputy Chancellor	Professor J. A. Colmer
The Vice-Chancellor	Professor J. G. Cornell
The Chairman of the Education Committee	Professor G. C. Duncan
The Bonython Professor of Laws	Professor G. H. Lawton
The Elder Professor of Music	Professor J. H. Michael
The Professor of Computing Science	Professor L. F. Neal
The Director of Education	Professor E. A. Russell
The Principal of the Adelaide Teachers' College	Professor J. J. C. Smart
The Dean of the Faculty of Science	Professor J. R. Trevaskis
Professor A. C. Castles	Professor A. T. Welford
	Professor T. G. Wilson

## Members appointed by the Council:

Dr. N. Blewett	Dr. W. Prest
Mr. A. O. Böning	Mr. E. E. Rump
Mr. A. H. Campbell	Dr. P. R. Scott
Mr. J. B. Gill	Mr. H. J. Siliakus
Mr. T. L. C. Griffin	Dr. J. J. Smolicz
Rev. Dr. W. F. Hambly	Dr. M. C. Spencer
Mr. D. A. Hester	Mr. J. D. Swale
Mr. K. W. Morris	Mr. P. Waldron

## FACULTY OF DENTISTRY

Dean: Professor J. C. Thonard

Members *ex officio*:

The Chancellor	Mr. J. Estcourt Hughes
The Deputy Chancellor	Mr. A. Ielasi (deputy for Professor D. Rowley)
The Vice-Chancellor	Mr. W. E. Joyce
The Chairman of the Education Committee	Dr. J. Kirkwood
The Chairman of the Dental Board of South Australia	Dr. E. C. MacKenzie (deputy for Professor J. H. Carver)
The Director-General of Medical Services	Mr. J. N. M. McNally (deputy for Professor R. F. Whelan)
Mr. K. R. Allen	Dr. O. F. Makinson
Dr. N. Atkinson	Professor D. R. Miller
Dr. R. A. Barbour (deputy for Professor A. A. Abbie)	Mr. G. J. Mount
Mr. M. J. Barrett	Mr. M. A. C. Nugent
Mr. P. R. N. Beasley	Dr. R. K. F. Pak Poy (deputy for Professor J. S. Robertson)
Mr. A. J. Bloomfield	Mr. P. M. Rainsford
Dr. Tasman Brown	Mr. M. R. Sims
Mr. N. G. Clarke	Dr. M. R. Snow (deputy for Professor D. O. Jordan)
Dr. J. A. Cran	Professor J. C. Thonard
Professor D. J. Deller	Mr. J. G. Waterson
Dr. E. A. Fanning	Dr. J. R. E. Wells (deputy for Professor W. H. Elliott)
Mr. B. N. Fitzpatrick	Dr. T. C. R. White (deputy for Professor H. G. Andrewartha)
Dr. I. J. Forbes	Mr. J. J. Williamson
Dr. G. E. Gream (deputy for Professor A. L. J. Beckwith)	
Professor A. M. Horsnell	

## Members appointed by the Council:

Mr. F. R. Henning	Mr. A. H. Lendon
Mr. C. S. Heithersay	Mr. T. B. Lindsay
Mr. H. D. Kennare	Dr. E. H. Medlin
Mr. J. F. Lavis	Mr. C. M. Somerville

## COMMITTEES, FACULTIES, AND BOARDS

## FACULTY OF ECONOMICS

Dean: Professor F. K. Wright

Members *ex officio*:

The Chancellor	Professor A. T. James
The Deputy Chancellor	Professor F. G. Jarrett
The Vice-Chancellor	Mr. N. F. Laing
The Chairman of the Education Committee	Professor G. H. Lawton
The Dean of the Faculty of Arts	Mr. M. K. Lewis
Mr. B. L. Bentick	Miss F. M. McNamara
Mrs. T. L. Bentick	Mr. B. J. Mills
Professor A. C. Castles (deputy for The Bonython Professor of Laws)	Mr. G. B. Mitchell
Mr. J. Dixon	Dr. G. C. Moffatt
Professor G. C. Duncan	Mr. R. L. Newman
Professor G. C. Harcourt	Mr. P. D. Praetz
Mr. J. H. Hatch	Professor E. A. Russell
Mr. D. T. Healey	Dr. T. Sheridan
Mr. R. K. Hefford	Mrs. P. Simpson
Mr. R. R. Hirst	Professor T. G. Wilson
	Mr. B. B. Worrall
	Professor F. K. Wright

## Members appointed by the Council:

Mr. L. A. Braddock	Mr. A. M. Ramsay
Mr. G. R. Broomhill	Mr. J. F. Scott
Mr. E. H. Burgess	Mr. A. M. Simpson
Dr. G. L. Buxton	Mr. D. L. Smith
Mr. B. R. Macklin	

## FACULTY OF ENGINEERING

Dean: Mr. G. Sved

Members *ex officio*:

The Chancellor	Dr. P. A. Dennison (deputy for Professor J. H. Carver)
The Deputy Chancellor	Professor R. A. Jensen
The Vice-Chancellor	Dr. T. Hopwood (deputy for Professor R. W. R. Rutland)
The Chairman of the Education Committee	Dr. M. L. Martin (deputy for Professor D. O. Jordan)
The Dean of the Faculty of Science	Mr. G. Sved
The President of the S.A. Institute of Technology	Professor R. W. F. Tait
The Director of the S.A. Institute of Technology	Dr. E. O. Tuck (deputy for Professor J. H. Michael)
Professor D. M. Boyd (deputy for Professor E. A. Rudd)	Mr. D. H. Tyler
Professor H. H. Davis	Professor J. L. Woodward

## Members appointed by the Council:

Mr. G. R. Broomhill	Dr. J. Mannam
Professor F. B. Bull	Professor D. R. Miller
Mr. J. W. Crompton	Mr. D. C. Pawsey
Mr. W. D. Doble	Mr. A. J. Robinson
Mr. J. R. Dridan	Mr. B. H. Smith
Mr. R. C. Elix	Dr. T. N. Smith
Mr. J. N. Griggs	

## FACULTY OF LAW

Dean: Professor A. C. Castles

Members *ex officio*:

The Chancellor	The Hughes Professor of Classics
The Deputy Chancellor	The Professor of Commerce
The Vice-Chancellor	The President of the Law Society of South Australia, Inc.
The Chairman of the Education Committee	The Hon. Mr. Justice Bray
The Dean of the Faculty of Arts	The Hon. Mr. Justice Bright

## FACULTY OF LAW (Continued)

Professor A. C. Castles	The Hon. Justice Mitchell
The Hon. Mr. Justice Chamberlain	Mr. H. A. Norman
Miss M. W. Daunton-Fear	Mr. Commissioner J. H. Portus
Mr. W. B. Fisse	Professor D. P. O'Connell
Master W. E. S. Forster	Mr. G. C. Prior
Mr. J. B. Greaves	Professor A. Rogerson
Mr. M. C. Harris	Mr. A. K. Sangster, Q.C.
The Hon. Mr. Justice Hogarth	Dr. I. A. Shearer
Mr. B. O. Hunter	The Hon. Mr. Justice Travers
Mr. O. C. Isaachsen	Mr. M. J. Trebilcock
Mr. J. F. Keeler	Mr. J. N. Turner
Mr. D. St. L. Kelly	The Hon. Mr. Justice Walters
Professor H. K. Lücke	Mr. W. A. N. Wells, Q.C.
Mr. B. A. Magarey	

## Members appointed by the Council:

Mr. J. P. Callaghan	Mr. R. G. Matheson
Mr. M. J. Detmold	The Hon. F. J. Potter
Miss J. Gilmore	Mr. E. B. Scarfe, Q.C.
Mr. S. J. Jacobs, Q.C.	Mr. H. E. Zelling, Q.C.
Mr. C. J. Legoe	

## FACULTY OF MEDICINE

Dean: Professor W. A. Cramond  
Associate Dean: Professor G. M. Maxwell

Members *ex officio*:

The Chancellor	Professor J. Ludbrook
The Deputy Chancellor	Mr. F. M. M. Mai
The Vice-Chancellor	Dr. P. G. Martin (deputy for Professor R. N. Robertson)
The Chairman of the Education Committee	Mr. M. L. Mashford
Professor A. A. Abbie	Professor G. M. Maxwell
Dr. R. A. Barbour	Dr. P. W. S. Messent
Dr. J. A. Bonnin	Mr. T. Moreton
Dr. J. S. Charnock	Dr. A. D. Packer
Dr. E. G. Cleary	Dr. R. K. Pak Poy
Dr. A. F. Connon	Dr. R. H. Prager (deputy for Professor A. L. J. Beckwith)
Professor L. W. Cox	Dr. B. L. Reynolds
Mr. J. H. Court	Professor J. S. Robertson
Professor W. A. Cramond	Dr. G. E. Rogers
Dr. P. S. Davis	Professor D. Rowley
Dr. I. S. de la Lande	Dr. R. F. Seamark
Professor D. J. Deller	Mr. B. J. Shea
Mr. R. B. Elliott	Mr. A. H. Slavotinek
Professor W. H. Elliott	Mr. E. M. Symonds
Dr. R. Elmslie	Dr. R. H. Symons
Dr. I. J. Forbes	Mr. R. S. Tulsi
Mr. D. Hardy	Dr. J. H. M. G. Van Deth
Dr. R. L. Hodge	Professor A. G. Wangel
Dr. D. I. B. Kerr	Professor R. F. Whelan
Mr. G. M. Kneebone	Dr. T. C. R. White (deputy for Pro- fessor H. C. Andrewartha)
Mr. H. Lander	Dr. P. S. Woodruff
Dr. G. S. Laurence (deputy for Pro- fessor D. O. Jordan)	
Dr. R. Lawrance (deputy for Professor J. H. Carver)	

## Members appointed by the Council:

Mr. G. W. E. Aitken	Dr. C. Evans
Mr. W. J. Betts	Dr. K. S. Hetzel
Mr. R. N. C. Bickford	Dr. N. D. Hicks
Dr. J. M. Bonnin	Mr. R. Hunter
Mr. N. J. Bonnin	Mr. W. M. Irwin
Mr. R. A. Burston	Mr. P. M. Last
Mr. A. G. Campbell	Dr. J. R. Lawrence
Mr. K. C. Crafter	Mr. A. H. Lendon
Mr. D. O. Crompton	Dr. J. M. McPhie
Dr. W. A. Dibden	Mr. M. G. Maguire
Mr. H. M. Douglas	Mr. M. W. Miller

## FACULTY OF MEDICINE (Continued)

Mr. L. J. T. Pellew	Mr. R. A. Thatcher
Miss H. J. S. Ross	Mr. B. F. Venner
Mr. M. J. W. Sando	Mr. G. C. Wyllie
Mr. M. K. Smith	

## FACULTY OF MUSIC

Dean: Professor D. Galliver

Members *ex officio*:

The Chancellor	Mr. P. Britton
The Deputy Chancellor	Mr. J. C. Govenlock
The Vice-Chancellor	Miss P. Holmes
The Chairman of the Education Committee	Mr. R. G. Meale
The Elder Professor of Music	Dr. J. V. Peters
The Dean of the Faculty of Arts	Mr. D. Swale

## Members appointed by the Council:

Professor B. L. D. Coghlan	Dr. E. H. Medlin
Professor J. G. Cornell	Mr. D. Munro
Mr. D. Cubbin	Professor L. F. Neal
Mr. L. Davies	Mr. G. Reeves
Mr. H. L. Dossor	Miss N. Thomas
Mr. C. T. Leske	Mr. T. A. Wightman
Mrs. C. T. Leske	

## FACULTY OF SCIENCE

Dean: Professor D. R. Stranks

Associate Dean: Professor R. N. Robertson

Members *ex officio*:

The Chancellor	Professor J. H. Bennett
The Deputy Chancellor	Professor J. H. Carver
The Vice-Chancellor	Professor W. H. Elliott
The Chairman of the Education Committee	Dr. D. L. Hayman
The Dean of the Faculty of Agricultural Science	Professor C. A. Hurst
The Dean of the Faculty of Arts	Professor A. T. James
The Dean of the Faculty of Dentistry	Professor M. A. Jeeves
The Dean of the Faculty of Engineering	Professor D. O. Jordan
The Dean of the Faculty of Medicine	Professor J. H. Michael
The Director of the Mawson Institute for Antarctic Research	Professor J. A. Ovenstone
Professor A. A. Abbie	Professor R. N. Robertson
Professor H. G. Andrewartha	Professor D. Rowley
Professor A. L. J. Beckwith	Professor E. A. Rudd
	Professor R. W. R. Rutland
	Dr. D. J. Sutton
	Professor A. T. Welford
	Professor R. F. Whelan

## Members appointed by the Council:

Professor D. M. Boyd	Professor K. G. McCracken
Dr. B. H. Briggs	Mr. J. McNally
Mr. A. H. Campbell	Dr. P. G. Martin
Dr. I. N. Capon	Dr. M. J. Mayo
Mr. R. W. Close	Dr. A. D. Packer
Dr. L. R. Dodd	Dr. C. E. M. Pearce
Dr. D. A. Duckhouse	Professor R. B. Potts
Mr. J. A. Dunning	Dr. P. Reeves
Dr. B. W. Gabb	Dr. G. E. Rogers
Professor M. F. Glaessner	Dr. T. M. Spotswood
Professor H. S. Green	Dr. B. J. Steel
Dr. C. R. Jenkin	Professor D. R. Stranks
Dr. J. B. Jones	Mr. W. B. Taylor
Dr. D. B. Keech	Dr. S. G. Tomlin
Dr. D. I. B. Kerr	Dr. D. Vickers
Dr. I. S. de la Lande	Dr. A. D. Ward
Dr. R. T. Lange	Dr. T. C. R. White



## FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

Dean: Dr. S. I. Evans

Associate Dean: Professor D. R. Miller

The Chancellor	The President, the Vice-President, and
The Deputy Chancellor	the Director of the S.A. Institute of
The Vice-Chancellor	Technology
The Chairman of the Education Com-	The President of the Pharmaceutical
mittee	Society
	The President of the Pharmacy Board

Members appointed by the Council of the University:

Mr. R. A. Both (deputy for Professor E. A. Rudd)	Dr. J. Mazumdar (deputy for Professor J. H. Michael)
Professor F. B. Bull	Professor D. R. Miller
Professor H. H. Davis	Mr. D. C. Pawsey (deputy for Professor J. L. Woodward)
Dr. A. G. Gregory (deputy for Professor J. H. Carver)	Professor R. N. Robertson
Professor D. O. Jordan	Dr. J. G. Sanderson (deputy for Professor J. A. Ovenstone)
Mr. J. D. Kendrick (deputy for Professor R. A. Jensen)	Dr. T. N. Smith (deputy for Professor R. W. F. Tait)

Members appointed by the Council of the South Australian Institute of Technology:

Dr. A. S. Appleton	Mr. F. A. Haas
Mr. D. C. Canty	Mr. D. H. Lee
Dr. B. J. F. Christie	Dr. E. W. Mills
Mr. D. W. Cox	Dr. R. W. Smyth
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**Lecturer:**

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**Senior Administrative Assistant:**

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Appointed 1964.

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Reader, 1963.  
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DAVID GRAY LEWIS, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1964.  
MAX EDWIN TATE, M.Sc. (Syd.), Ph.D. (N.S.W.). Appointed Lecturer, 1964;  
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EDWARD DIMENT CARTER, B.Ag.Sc. Appointed 1960.  
 JAMES ALFRED CARPENTER, Ph.D. (W. Aust.). Appointed 1961.  
 KENNETH WILLIAM SHEPHERD, Ph.D. (Wheat Industry Fund). Appointed 1961.  
 GRAHAM JOHN LEACH, Ph.D. (R'dg.) (Wool Research Fund). Appointed 1962.  
 DONALD WILLIAM PUCKRIDGE, Ph.D. (R'dg.), M.Ag.Sc. Appointed 1965.  
 ADRIAN RODERIC EGAN, Ph.D. (W. Aust.). Appointed 1965.  
 ANTHONY JOHN RATHJEN, B.Ag.Sc. (Wheat Industry Fund). Appointed 1965.  
 ANGUS MacCALLUM ALSTON, B.Sc. (Glas.), Ph.D. (Edin.). Appointed 1968.

## Officer-in-Charge, Mortlock Experiment Station:

PETER EVERARD GEYTENBEEK, B.Ag.Sc. Appointed 1966.

## ANIMAL PHYSIOLOGY

## Professor:

WALTER VICTOR MACFARLANE, M.A., M.D. (N.Z.). Appointed 1964.

## Lecturer:

JOHN ROBERT SABINE, M.Agr.Sc. (Melb.), Ph.D. (Ill.). Appointed 1967.

## Research Fellow:

BETH HOWARD, B.Sc. (Q'ld.), Ph.D. (A.N.U.). Appointed 1965.

## ENTOMOLOGY

## The Waite Professor and Head of the Department:

THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed Entomologist, 1948; Senior Lecturer, 1955; Professor, 1963.

## Professor:

WILLIAM PERCY ROGERS, M.Sc. (W. Aust.), D.Sc. (Lond.), F.A.A. Appointed Professor of Zoology, 1952; Professor of Parasitology, 1962; transferred from Department of Zoology, 1966.

## Reader:

PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed Lecturer, 1957; Senior Lecturer, 1963; Reader, 1968.

## Senior Lecturers:

FURNESS DAVID MORGAN, M.Sc. (N.Z.), Ph.D. (Calif.). Appointed Lecturer, 1958; Senior Lecturer, 1961.  
 KEITH MURRAY DOULL, M.Agr.Sc. (N.Z.). Appointed Lecturer, 1955; Senior Lecturer, 1963.  
 DEREK ALAN MAELZER, M.Sc. (W. Aust.), Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1965.  
 ROGER LAUGHLIN, M.A. (Camb.), Ph.D. (Durh.). Appointed Lecturer, 1965; Senior Lecturer, 1968.

## Lecturer:

HELEN MAY BROOKES. Appointed Laboratory Assistant, 1936; Technical Assistant, 1943; Assistant Systematic Entomologist, 1957; Systematic Entomologist, 1964.

## PLANT PATHOLOGY

## Professor:

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed Lecturer, 1947; Senior Lecturer, 1951; Reader, 1958; Professor, 1964.

## Readers:

JOHN HENRY WARCUP, M.Sc. (N.Z.), Sc.D. (Camb.). Appointed Senior Lecturer, 1951; Reader, 1964.  
 ALLEN KERR, B.Sc. (Edin.), Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959; Reader, 1968.

## Senior Lecturers:

PATRICK HENRY BRABAZON TALBOT, M.Sc. (S.A.), Ph.D. (Lond.). Appointed 1960.  
 MAURICE VERNON CARTER, Ph.D. Appointed Research Officer, 1953; Lecturer, 1956; Senior Lecturer, 1963.  
 JOHN MALCOLM FISHER, B.Sc.Agr. (Syd.), Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1966.  
 RICHARD IGNACY BARTLOMIEJ FRANCKI, Ph.D. (N.Z.). Appointed Lecturer, 1961; Senior Lecturer, 1967.  
 BRUCE GARNET CLARE, M.Sc. (Q'ld.), Ph.D. Appointed Temporary Lecturer, 1958; Lecturer, 1960; Senior Lecturer, 1968.

## Lecturer:

JOHN WESLEY RANGLES, M.Ag.Sc. Appointed 1969.

**PLANT PHYSIOLOGY****Professor:**

LESLIE GODELL PALEG, B.A. (Washington, Mo.), Ph.D. (Iowa). Appointed Lecturer, 1957; Senior Lecturer, 1962; Reader, 1965; Professor, 1966.

**Senior Lecturers:**

CORDON ROBERT EDWARDS, M.S. (Calif.), B.Ag.Sc. Appointed Lecturer, 1957; Senior Lecturer, 1963.

BRYAN GEORGE COOMBE, Ph.D. (Calif.), M.Ag.Sc. Appointed Lecturer, 1959; Senior Lecturer, 1964.

DONALD ASPINALL, Ph.D. (Nott.). Appointed Lecturer (Barley Improvement Fund), 1957; Senior Lecturer, 1965; transferred to permanent staff, 1966.

**Lecturer:**

COLIN FREDERICK JENNER, B.Sc. (Agric.) (Lond.), M.S. (Minn.), D.Phil. (Oxford). Appointed 1968.

**Research Fellows:**

BARBARA MARION McDOUGALL, M.Sc. (Melb.), Ph.D. (A.N.U.) (Commonwealth Development Bank Grant). Appointed 1967.

PETER BORDEN NICHOLLS, B.Sc. (Tas.), Ph.D. (Barley Improvement Fund). Appointed 1967.

**OTHER OFFICERS****Senior Lecturer-in-charge, Biometry Section:**

DAVID ALLEN RATKOWSKI, B.Ch.E. (C.C.N.Y.), Ph.D. (Wash.). Appointed 1968.

**Senior Lecturer:**

BARBARA SUSANNA NIVEN, B.Sc. (S.A.), M.Sc. (Rand), Ph.D., *Biometrics*. Appointed 1965.

**Secretary:**

HUGH PETER CHRISTIAN TRUMBLE, B.Ag.Sc., A.U.A. (Pub. Admin.). Appointed 1963.

**Assistant Secretary:**

DENNIS JOHN DWYER, A.A.S.A. Appointed 1968.

**Farm Manager:**

KENNETH ARTHUR PIKE, R.D.A. Appointed Field Officer, 1926; Farm Manager, 1950.

**Librarian:**

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

**Photographer:**

BRIAN ARTHUR PALK. Appointed 1963.

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**FACULTY OF ARCHITECTURE AND TOWN PLANNING****Professor:**

ROLF ARTHUR JENSEN, B.Arch. (Liv.), F.R.I.B.A., F.R.A.I.A., A.M.T.P.I., M.Inst.R.E., F.A.P.I. Appointed 1956.

**Senior Lecturers:**

HERBERT NEVILLE HOSKINGS, Dip.Arch. (Polytechnic), A.R.I.B.A., A.R.A.I.A. Appointed 1957.

JAMES DERRICK KENDRICK, B.Sc. (Tech.) (Manc.). Appointed 1958.

JOHN DOUGLAS HIPPER, B.Arch. (Melb.), A.R.M.T.C., A.R.A.I.A. Appointed 1961.

ALBERT JOHAN GILLISSEN, B.Arch., Dip.T.P. (Auck), A.R.I.B.A., A.R.A.I.A., A.N.Z.I.A. Appointed 1963.

HARRY PARSONS, B.Arch., M.C.D. (Liv.). Appointed 1968.

**Lecturers:**

DONALD LESLIE JOHNSON, B.Arch. (Wash.), M.Arch. (Penn.). Appointed 1967.

PETER JOSEPH CORKERY, B.A. (Manc.), A.R.I.B.A. Appointed 1968.

DAVID COLLINGWOOD EVA, Dip.Arch. (Liv.), A.R.I.B.A., A.R.A.I.A., Dip. T.C.P. (Manc.), A.M.T.P.I., M.A.P.I. Appointed 1968.

STEFAN ADAM PIKUSA, B.Arch., A.R.A.I.A. Appointed 1969.

**Part-time Lecturers:**

JOHN HEMMETT, A.R.I.C.S., A.I.Q.S. (Aust.). Appointed 1964.

LOU KLEPAC, B.A. (W.Aust.). Appointed 1967.

ALLAN FULTON PIPE, A.R.I.C.S., A.I.Q.S. (Aust.). Appointed 1968.

BRIAN JOSEPH VOGT, B.E., A.R.A.I.A. Appointed 1968.

RAYMOND JOHN WARBY, A.R.S.H. Appointed 1968.

## FACULTY OF ARTS

## AUSTRALIAN LINGUISTICS

## Reader:

THEODOR GEORGE HENRY STREHLOW, M.A. Appointed Senior Research Fellow, 1946; Reader, 1954.

## CLASSICS

## The Hughes Professor:

JOHN REGINALD TREVASKIS, M.A. (Camb.). Appointed 1958.

## Reader:

ALFRED FRENCH, M.A. (Camb.). Appointed Senior Lecturer, 1950; Reader, 1964.

## Senior Lecturers:

ERIC RONALD CORNEY, M.A. (Adel. and Camb.). Appointed Lecturer, 1938; Senior Lecturer, 1950.

RONALD WALTER GARSON, B.A. (Syd. and Camb.). Appointed Lecturer, 1959; Senior Lecturer, 1967.

## Lecturers:

DAVID ALBERT HESTER, M.A. (Camb.). Appointed 1958.

CARMEL ISABEL YOUNG, M.A. (Auck.), B.Phil. (Oxford). Appointed 1965.

RONALD FRANCIS NEWBOLD, B.A. (Lond.). Appointed 1969.

## EDUCATION

## Professor:

LAURIE FREDERICK NEAL, B.A., Dip.Ed. (Lond.). Appointed 1959.

## Senior Lecturers:

JERZY JAROSLAW SMOLICZ, Ph.D. (Edin.). Appointed Lecturer, 1965; Senior Lecturer, 1967.

JACK ALAN ROWELL, M.Sc., Dip.Ed. (Leeds). Appointed Lecturer, 1964; Senior Lecturer, 1969.

## Lecturers:

PETER ALFRED NEWNHAM, B.A. (Lond.). Appointed 1961.

JOHN SPENCER DUNKERLEY, M.A. (Camb.). Appointed 1964.

MARTIN SIMONS, B.Sc. (Lond.), M.Ed. (Durh.). Appointed 1968.

DEIRDRE FRANCES JORDAN (SISTER MARY CAMPION), M.B.E., B.A., M.Ed. Appointed 1968.

## Part-time Lecturer:

CHARLES LESLIE HARRIS, B.A., Dip.Ed. (Leeds), D.P.E. (Loughborough).

## Tutor:

HILDA BRITTON, B.A. (Manc.).

## ENGLISH LANGUAGE AND LITERATURE

## Professor and Head of the Department:

JOHN ANTHONY COLMER, M.A. (Oxford), Ph.D. (Lond.). Appointed Senior Lecturer, 1961; Reader, 1964; Professor, 1964.

## The Jury Professor:

COLIN JAMES HORNE, M.A. (Melb. and Oxford), B.Litt. (Oxford), Dip.Ed. (Melb.) Appointed 1957.

## Readers:

BRIAN ROBINSON ELLIOTT, M.A. (W. Aust.), D.Litt., *Australian Literature*. Appointed Lecturer, 1940; Senior Lecturer, 1956; Reader, 1961.

GEORGE WILLIAM TURNER, M.A. (N.Z.). Appointed 1965.

FRANCIS HUGH MARES, B.A. (Durh.), B.Litt. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1962; Reader, 1969.

## Senior Lecturers:

ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed Lecturer, 1958; Senior Lecturer, 1963.

KEVIN BARRY MAGAREY, M.A. (Oxford), B.A. Appointed Lecturer, 1960; Senior Lecturer, 1965.

HAYDN MOORE WILLIAMS, M.A. (Wales). Appointed 1966.

MANFRED FRASER MACKENZIE, B.A. (Syd.), B.Litt. (Oxford), A.M. (Brown). Appointed Lecturer, 1964; Senior Lecturer, 1967.

ALAN THEO BRISSENDEN, B.A., Dip.Ed. (Syd.), Ph.D. (Lond.). Appointed Lecturer, 1963; Senior Lecturer, 1968.

ANTHONY MICHAEL SLADE, M.A. (Bristol). Appointed Lecturer, 1962-63 and 1966-68; Senior Lecturer, 1969.

PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed Lecturer, 1961; Senior Lecturer, 1969.

**Lecturers:**

PHILIP WALDRON, M.A. (N.Z.), A.M. (Harv.). Appointed 1964.  
 MICHAEL JOHN TOLLEY, B.A. (Lond.). Appointed 1965.  
 ROSEMARY HOPE SWEETAPPLE, B.A. (Natal). Appointed 1965.  
 ADRIAN CHRISTOPHER WILLIAM MITCHELL, M.A. (Queen's), B.A. Appointed 1967.  
 FRANCES MARY PEARCE, B.A. (Syd.), M.A. (A.N.U.). Appointed 1968.  
 GEOFFREY THURLEY, B.A. (Camb.), M.A. (Lond.). Appointed 1969.

**Tutor:**

IAN WILLIAM REID, M.A. (Cant.).

**FRENCH LANGUAGE AND LITERATURE****Professor:**

JAMES GLADSTONE CORNELL, M.A. (Melb.), L. ès L. (Paris), Chevalier de la Légion d'Honneur. Appointed Lecturer, 1938; Professor, 1944.

**Senior Lecturers:**

PETER SUTHERLAND HAMBLY, D. de l'U. (Paris), B.A. Appointed 1964.  
 BRUCE WALTER ELLIS, D. de l'U. (Paris), B.A. Appointed Lecturer, 1960; Senior Lecturer, 1966.  
 MICHAEL CLIFFORD SPENCER, B.A. (Sheff.), M.A. (Camb.), D.Phil. (Oxford). Appointed 1969.

**Lecturers:**

ANDREE MARCELLE DAVID, Dipl. d'Et. Sup., C.A.P.E.S. (Paris). Appointed 1963.  
 NIDOREE GARCON, Dipl. d'Et. Sup. (Poitiers). Appointed 1964.

**GEOGRAPHY****Professor:**

GRAHAM HENRY LAWTON, B.A., B.Ed. (Melb.), M.A. (Oxford). Appointed Reader-in-Charge, 1951; Professor, 1959.

**Reader:**

CHARLES ROWLAND TWIDALE, M.Sc. (Brist.), Ph.D. (McGill). Appointed Lecturer, 1959; Senior Lecturer, 1962; Reader, 1966.

**Senior Lecturers:**

BRUCE MASON, B.Sc. Appointed 1959.  
 ANN MARSHALL, M.Sc. (Melb.), M.A. (Calif.). Appointed Part-time Lecturer, 1940; Lecturer, 1958; Senior Lecturer, 1964.  
 MICHAEL WILLIAMS, Ph.D. (Wales). Appointed Lecturer, 1960; Senior Lecturer, 1966.  
 NIGEL MORRITT WACE, M.A. (Oxford), Ph.D. (Belf.). Appointed Lecturer, 1961; Senior Lecturer, 1966.  
 TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales), F.R.Met.S. Appointed Lecturer, 1960; Senior Lecturer, 1969.

**Lecturers:**

PETER JOHN SMAILES, M.A. (Manc.). Appointed 1963.  
 DEREK LEON SMITH, B.A. (Liv.), M.A. Appointed 1964.  
 GWENDOLINE FAY GALE, Ph.D. Appointed 1966.

**Tutors:**

NEVILLE FOSTER ALLEY, B.A.  
 SUSAN BARKER, B.Sc. (Lond.), M.Sc. (S'ton).  
 ELIZABETH LORRAINE WITTEWER, B.A.

**GERMAN LANGUAGE AND LITERATURE****Professor:**

BRIAN LAURENCE DILLON COGHLAN, Ph.D. (Birm.). Appointed 1962.

**Senior Lecturers:**

HENDRICUS JOHANNES SILIAKUS, B.A. (Birm.), M.A. Appointed Tutor, 1955; Lecturer, 1958; Senior Lecturer, 1966.  
 ALOIS OTTO BONIG, M.A. (Melb.). Appointed Lecturer, 1963; Senior Lecturer, 1969.

**Lecturer:**

LEE IRVING KERSTEN, B.A. Appointed Temporary Lecturer, 1963; Lecturer, 1969.

**Tutors:**

WILLIAM DOUGLAS CRAIG CALDWELL, B.A. (Melb.).  
 DENISE AILEEN MARY RYAN, M.A. (Melb. and Oxford).  
 URSULA MCGOWAN, M.A.  
 MARGARET KATHLEEN PACKER, B.A.  
 EVELYN URBAN, B.A.

**HISTORY**

Professor and Head of the Department:

TREVOR GORDON WILSON, M.A. (N.Z.), D.Phil. (Oxford). Appointed Lecturer, 1960; Senior Lecturer, 1965; Professor, 1968.

Professor:

Readers:

KENNETH LOWELL OLIVER GILLION, M.A. (N.Z.), A.M. (Tufts), Ph.D. (A.N.U.). Appointed Senior Lecturer, 1963; Reader, 1967.  
WALTER ALFRED PETER PHILLIPS, M.A. (W. Aust. and Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961; Reader, 1968.  
HUGH STRETTON, M.A. (Oxford). Appointed Professor, 1954; relinquished Chair and appointed Reader, 1969.

Senior Lecturers:

HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.  
JOHN MILLER TREGENZA, Ph.D. (A.N.U.), M.A. Appointed Lecturer, 1963; Senior Lecturer, 1966.  
PRODYOT CHANDRA MUKHERJEE, B.A. (Lond.), Dr.Pol.Sci. (Warsaw). Appointed Lecturer, 1965; Senior Lecturer, 1969.  
GORDON LESLIE BUXTON, Ph.D. (A.N.U.), B.A. Appointed Lecturer, 1965; Senior Lecturer, 1969.

Lecturers:

JOHN MICHAEL RENDER YOUNG, M.A. (Auck.), B.A. (Oxford), Ph.D. Appointed 1963.  
ALAN SYKES, B.A. (Oxford). Appointed 1964.  
PETRUS HENRICUS MARIA VAN DEN DUNGEN, B.A. (W. Aust.). Appointed 1965.  
LEON DESMOND ATKINSON, Ph.D. (A.N.U.), B.A. Appointed 1965.  
DAVID ROGER HAINSWORTH, M.A. (Syd. and Oxford). Appointed 1965.  
WILFRID ROBERTSON PREST, B.A. (Melb.). Appointed 1966.  
PETER LAURIE BURNS, B.A. (Br. Col.), Ph.D. (Lond.). Appointed 1966.  
YEN CHING-HWANG, B.A. (Nan.). Appointed 1968.  
ANTHONY FRANK DENHOLM, M.A. (Wales). Appointed 1968.  
GORDON ROGER KNIGHT, B.A. (Lond.). Appointed 1968.  
NORMAN ALAN ETHERINGTON, M.Phil. (Yale). Appointed 1968.  
JAMES FRANCIS MCGREGOR, B.A. (S'ton.). Appointed 1969.

Research Fellow:

ROGER ASHLEY LEONARD, B.A., *Centenary History*. Appointed 1968.

Tutors:

PETER JAMES CAHALAN, B.A.  
DECIE AILEEN DENHOLM, B.A. (Tas.), M.A.  
KEITH PETER OGBORN, B.A.

**PHILOSOPHY**

The Hughes Professor:

JOHN JAMIESON CARSWELL SMART, M.A. (Glas.), B.Phil. (Oxford). Appointed 1950.

Senior Lecturers:

MAURICE MEREDITH STERIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950.  
MICHAEL CHARLES BRADLEY, B.Phil. (Oxford), M.A. Appointed Lecturer, 1962; Senior Lecturer, 1965.

Lecturers:

SAMUEL EDWARD HUGHES, M.A. (Manc.). Appointed 1963.  
JOHN BERNARD GILL, M.A. (Melb.). Appointed 1965.  
JOHN HENRY CHANDLER, M.A. (Melb.). Appointed Temporary Lecturer, 1965; Lecturer, 1966.

Tutor:

MARGARET ALICE CHANDLER, B.A.

**POLITICS**

Professor:

GRAEME CAMPBELL DUNCAN, B.A., Dip.Ed. (Melb.), D.Phil. (Oxford). Appointed 1969.



## Senior Lecturers:

ROBERT LEIGHTON REID, M.A. Appointed Lecturer, 1957; Senior Lecturer, 1963.  
NEAL BLEWETT, B.A., Dip.Ed. (Tas.), M.A. (Oxford). Appointed Lecturer, 1964; Senior Lecturer, 1968.

## Lecturers:

JEFFREY FRANK SCOTT, LL.B., B.Ec., B.A. Appointed 1967.  
ROBERT CATLEY, B.Sc. (Econ.) (Lond.). Appointed 1968.  
BRIAN RUSSELL ABBEY, B.A. (Monash) (Temporary).

## Tutors:

ALLAN IAN PATIENCE, B.A. (Monash).  
IONE PATRICIA PEARSON, B.A., LL.B.  
DEAN HAROLD JAENSCH, M.A.

**PSYCHOLOGY**

## Professor and Head of the Department:

ALAN TRAVISS WELFORD, Sc.D. (Camb.), M.A. (Prin.). Appointed 1968.

## Professor:

MALCOLM ALEXANDER JEEVES, M.A., Ph.D. (Camb.). Appointed 1959.

## Honorary Professor:

NORMAN LESLIE MUNN, Ph.D. (Clark), D.Sc. (Springfield). Appointed 1963.

## Senior Lecturers:

RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed Lecturer, 1958; Senior Lecturer, 1964.  
PETER HELMUT GLOW, B.A. (Melb.), Ph.D. (Lond.). Appointed Lecturer, 1959; Senior Lecturer, 1964.  
FRANCIS ROBERT DALZIEL, Ph.D. (Aberd.). Appointed Lecturer, 1962; Senior Lecturer, 1969.

## Lecturers:

ANTHONY HAROLD WINEFIELD, Ph.D. (Lond.). Appointed 1962.  
IAN DAVID JOHN, M.A. (Melb.), Ph.D. Appointed 1965.  
ERIC EDWARD RUMP, B.Sc. (Lond.). Appointed 1966.  
DOUGLAS VICKERS, M.A. (Edin.). Appointed 1967.  
DONALD McNICOL, B.A. Appointed 1967.  
PETER SIMON DELIN, M.A. (Oxford). Appointed Temporary Lecturer, 1965; Lecturer, 1969.  
CHRISTOPHER JOHN COOPER, M.B., B.S. Appointed Temporary Lecturer, 1966; Lecturer, 1969.  
JOHN MAIN THOMSON BREBNER, M.A. (Aberd.), Ph.D. (Exe.). Appointed 1969.

## Research Fellow:

PEGGIE KATHLEEN THORNTON, Ph.D. (R'dg.) (Aboriginal Infant Morbidity Project). Appointed 1968.

## Tutors:

JOHN HAYDN BUXTON, B.A.  
MERRIL CHRISTINE HAMMER, B.A. (Syd.).  
LEON COLBURN LACK, B.A. (Stan.).  
PETER EDWIN HORNSBY, B.Sc. (Lond.).  
INARA PROSKE, B.A.  
ADRIAN FINLAY WILSON, B.Med.Sc.  
TERENCE RONALD WATTS, B.A. (Oxford).

**FACULTY OF DENTISTRY**

## Professor and Head of the Department:

ARTHUR MAXWELL HORSNELL, F.D.S.R.C.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.A.C.D.S. Appointed 1959.

## Teaching Registrar:

SVEN KUUSK, B.D.S., F.A.C.D.S. (The Queen Elizabeth Hospital.)

## Part-time Lecturer:

JAMES ESTCOURT HUGHES, M.B., M.S., F.R.A.C.S., *Surgery*. Appointed 1954.

## Part-time Tutors:

PAUL GRAHAM CARNEY, M.B., B.S., *Surgery*.  
MARY CECILIA GIBBERD, M.B., B.S., B.D.S., *Radiology*.  
TADASHI OZAKI, D.D.S. (Nihon), D.M.Sc. (Tokyo), *Anatomy*.  
GRAHAM ROBERT SINCLAIR, M.B., B.S., *Surgery*.  
ADRIAN NEIL VORBACH, M.B., B.S., *Surgery*.  
RICHARD LYALL WILLING, M.B., B.S., M.R.C.P. (Glas. and Lond.), *Medicine*.

**DIVISION OF ORAL BIOLOGY**

## Professor:

JOHN CHARLES THONARD, B.D.Sc. (Melb.), Ph.D. (Rochester). Appointed 1966.

## Readers:

NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. Appointed Lecturer in Microbiology, 1939; Reader, 1950; transferred, 1968.

TASMAN BROWN, D.D.S., F.A.C.D.S. Appointed Lecturer, 1960; Senior Lecturer, 1964; Reader, 1969.

## Senior Lecturer:

JOHN GABRIEL WATERSON, Ph.D., F.A.C.D.S. Appointed Lecturer, 1965; Senior Lecturer, *Oral Biology*, 1966.

**DIVISION OF PREVENTIVE DENTISTRY**

## Readers:

ELIZABETH ANN FANNING, D.D.S. (N.Z.), F.A.C.D.S. Appointed Temporary Senior Lecturer, 1962; Reader, 1963.

MILTON REGINALD SIMS, M.S.D. (Boston), B.D.S., F.A.C.D.S., *Orthodontics*. Appointed 1964.

## Senior Lecturer:

MICHAEL ANTHONY CAROL NUGENT, B.D.Sc. (Q'ld.), M.S. (Roch.), D.Orth.R.C.S., F.A.C.D.S., *Orthodontics*. Appointed 1968.

## Lecturer:

NIGEL GORDON CLARKE, B.D.S. (Lond.), L.D.S.R.C.S., *Periodontology*. Appointed 1967.

## Part-time Lecturer/Instructor:

KEVIN REGINALD ALLEN, B.D.S.

## Part-time Tutors:

MARGARET JEAN BEVAN, B.D.Sc. (Melb.)

GEOFFREY IVAN BROWN, M.D.S., F.A.C.D.S.

JOHN OLIVER BROOK, B.Sc., B.D.S.

JOHN FRANCIS BURROW, B.D.S.

PETER MATHEW CADDY, B.D.S.

BRIAN CORRELL CRISP, M.D.S., F.A.C.D.S.

CLIVE MICHAEL DURNEY, B.D.S.

THEO GOTJAMANOS, M.D.S.

NEIL HUNTER, B.D.S.

RODNEY LEWIS MOORE, B.D.S.

BASIL WRIGHT PHILLIPS, M.D.Sc. (Melb.), B.D.S., F.A.C.D.S.

JOHN MICHAEL SCHULZE, B.D.S. (Otago).

BRUCE ALLISON TIDSWELL, M.S.D. (Wash.), B.D.S., F.A.C.D.S.

ROBERT WILLIAM WENZEL, B.D.S.

JOHN DIGBY WETHERELL, B.D.S.

JEFFREY JOHN WRIGHT, B.D.S.

**DIVISION OF ORAL PATHOLOGY AND ORAL SURGERY**

## Reader:

JAMES ALEXANDER CRAN, B.D.Sc. (Q'ld.), D.D.Sc., F.A.C.D.S. Appointed 1954.

## Senior Lecturers:

BARRY NILAND FITZPATRICK, M.D.Sc. (W. Aust.), F.D.S.R.C.S. (Eng.), F.A.C.D.S. Appointed 1964.

JOHN JOSEPH WILLIAMSON, B.D.Sc. (Q'ld.), M.D.Sc. (W. Aust.), F.D.S.R.C.S. (Eng.), F.A.C.D.S. Appointed 1968.

## Part-time Lecturers:

ALLAN JAMES BLOOMFIELD, B.D.S., *Materia Medica*. Appointed 1959.

PAUL MALCOLM RAINSFORD, M.B., Ch.B. (Birm.), D.A., F.F.A.R.A.C.S., *Anaesthetics*. Appointed 1966.

## Part-time Tutors:

RALPH EDWARDS ANNELLS, B.D.S.

KEITH WILLIAM BAILEY, B.D.S.

JOHN FREDERICK HOWELL-PRICE, B.D.S. (Syd.)

THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S., F.A.C.D.S.

BRUCE ALEXANDER McDONALD, B.D.S.

PETER DE PAUL McDONALD, B.D.S.

KEVIN READING MOORE, B.D.S.

JAMES PETER MORECROFT, L.D.S. (Manc.).

GRAHAM STEPHEN PATER, B.D.S.

DAVID JOHN RUGLESS, B.D.S.

BRIAN HEYLEN SOUTER, B.D.S.

RICHARD CLARENCE STEPHENS, B.D.S.

## DIVISION OF RESTORATIVE DENTISTRY

## Reader:

MURRAY JAMES BARRETT, M.D.S., F.A.C.D.S. Appointed 1951.

## Senior Lecturers:

OWEN FRANCIS MAKINSON, B.D.S. (Syd.), D.D.S. (Northwestern), F.D.S.R.C.S.,  
D.Orth.R.C.S., M.S. (Mich.), F.A.C.D.S. Appointed 1963.  
JOHN KIRKWOOD, B.D.S. (Syd.), D.D.S. (Tor.), F.D.S.R.C.S. (Eng.), F.A.C.D.S.  
Appointed Temporary Lecturer, 1961; Lecturer, 1962; Senior Lecturer, 1966.  
PETER ROBERT NOBLE BEASLEY, B.D.S. (Syd.). Appointed Lecturer, 1963;  
Senior Lecturer, 1967.

## Lecturers:

WILLIAM EDWARD JOYCE, B.D.S. (Syd.). Appointed 1967.  
DAVID ALAN SCOTT PARKER, M.D.Sc. (Melb.), F.A.C.D.S. Appointed 1969.

## Part-time Lecturer/Instructor:

GRAHAM JAUNAY MOUNT, B.D.S. (Syd.).

## Part-time Tutors:

PETER RONALD APPELBEE, B.D.S.  
RICHARD VOULES BARTHOLOMAEUS, B.D.S.  
ALLAN JAMES BLOOMFIELD, B.D.S.  
JOHN BLUM, B.D.S.  
KENNETH AYLESBURY BROWN, B.D.S.  
JOHN D. CHEETHAM, L.D.S.R.C.S.  
HAROLD VERNON CLARKE, B.D.S.  
LACHLAN LEWIS DAENKE, B.D.S., F.A.C.D.S.  
ARTHUR FRANCIS DAVY, B.D.S.  
BRUCE HENDERSON DUNSTAN, B.D.S.  
GLEN DONALD DUNSTONE, B.D.S.  
GEOFFREY GORDON LLEWELLYN EVANS, B.D.S.  
MAX THORLEY FRAYNE, B.D.S.  
GEOFFREY CHARLES HALL, B.D.S.  
REGINALD FRANK HARRINGTON, B.D.S.  
GEOFFREY SINCLAIR HEITHERSAY, M.D.S., F.D.S.R.C.S. (Edin.), F.A.C.D.S.  
FREDERICK RUDOLPH HENNING, M.D.S., F.D.S.R.C.S., F.A.C.D.S.  
IAN HAROLD HODGSON, B.D.S.  
WILLIAM HENRY HOLMES, B.D.S.  
HUGH DALY KENNARE, B.D.S.  
ROWLAND JAMES KIDD, B.D.S.  
THOMAS EGON KRASSAY, B.D.S.  
JOHN FREDERICK LAVIS, M.D.S., F.A.C.D.S.  
JOHN BRIAN LEACH, B.D.S.  
PETER ANTHONY LEANEY, B.D.S.  
BRIAN NATHAN LUKE, B.D.S.  
JAMES IAN LUKE, B.D.S.  
IAN ANDREW MACKENZIE, B.D.S.  
JOHN EDWARD MARRIOTT, B.D.S.  
PATRICK LAWRENCE MARTIN, B.D.S.  
TREVOR WALLIS MARTIN, B.D.S.  
GLENN MILLHOUSE, B.D.S.  
ANDREW MACKINNON MUIRHEAD, B.D.S.  
REUBEN JOHN MYHILL, B.D.S.  
BRUCE NAPIER, B.D.S.  
GRAHAM SIDNEY PARRY, B.D.S.  
GORDON JAMES PFEIFFER, B.D.S.  
JOHN ALEXANDER REINERS, B.D.S., F.A.C.D.S.  
DAVID RUTHERFORD SMERDON, B.D.S.  
RICHARD ADRIAN WILFRID SNOW, B.D.S.  
CHRISTOPHER MALCOLM SOMERVILLE, B.D.S.  
IAN ARTHUR STEAD, B.D.S.  
PAUL RIGBY STEWART, B.D.S.  
JOHN RONALD THOMPSON, B.D.S.  
ROBERT LOUIS VON DOUSSA, B.D.S.  
BRIAN NEIL WALKER, B.D.S. (N.Z.).  
BRUCE GOODMAN WARK, D.D.S. (Tor.), B.D.S., L.D.S.R.C.D.S. (Ont.),  
F.A.C.D.S.  
ROBERT FRANK EDISON WELCH, B.D.S.

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**FACULTY OF ECONOMICS**
**COMMERCE**

## Professor:

FREDERICK KENNETH WRIGHT, B.Met.E., B.Com. (Melb.). Appointed Senior  
Lecturer, 1962; Professor, 1965.

**Senior Lecturer:**

ROBERT LESLIE NEWMAN, B.Com. (Melb.). Appointed 1967.

**Lecturers:**

BERNARD JEFFREY MILLS, B.Ec. Appointed 1966.

FRANCES MARGARET MACNAMARA, B.A. Dip.Soc.St. (Syd.), A.A.P.S.W. Appointed Senior Tutor, Department of Mental Health, 1964; Lecturer in Commerce, 1967.

GEOFFREY BENTLEY MITCHELL, B.Ec. Appointed Temporary Lecturer, 1966; Lecturer, 1967.

FREDERICK ARCHIBALD BLOCH, B.Ec. (Temporary).

**ECONOMICS****Professor and Head of the Department:**

ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), M.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1953; Professor, 1964.

**The George Collin Professor:**

FRANCIS GEORGE JARRETT, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed Lecturer, 1953; Senior Lecturer, 1956; Reader, 1960; Professor, 1968.

**Professor:**

GEOFFREY COLIN HARCOURT, M.Com. (Melb.), Ph.D. (Camb.). Appointed Lecturer, 1958; Senior Lecturer, 1963; Reader, 1965; Professor, 1967.

**Reader:**

RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.

**Senior Lecturers:**

DEREK THOMAS HEALEY, B.Sc. (Econ.) (Belf.), M.A. (Oxford). Appointed 1964.

NEIL FULLERTON LAING, B.A. (Camb.). Appointed 1967.

RONALD KEITH HEFFORD, M.Ec. Appointed Lecturer in Geography, 1962; Lecturer in Economics, 1966; Senior Lecturer, 1968.

GRAEME GILBERT MOFFATT, Ph.D. (Monash), M.Ec. Appointed Lecturer, 1966; Senior Lecturer, 1968.

PETER DAVID PRAETZ, M.A. (Melb.), F.I.A. Appointed Lecturer, 1966; Senior Lecturer, 1969.

**Lecturers:**

BARRY BRENTON WORRALL, B.A. (W. Aust.). Appointed 1964.

BRIAN LESLIE BENTICK, M.Com. (Melb.), M.A. (Yale). Appointed 1965.

TERESITA LEGASPI BENTICK, B.S. (Philippines), M.A. (Yale). Appointed 1965.

JOHN DIXON, B.A. (Keele). Appointed 1965.

MERVYN KEITH LEWIS, B.Ec. Appointed Temporary Lecturer, 1966; Lecturer, 1967.

JOHN HARVEY HATCH, B.A. (Exe.). Appointed Lecturer in Commerce, 1967; transferred, 1969.

THOMAS SHERIDAN, B.A. (Leeds), Ph.D. (A.N.U.). Appointed 1968.

PIPPA MARGARET SIMPSON, B.A. (Temporary).

**Tutors:**

JILL PENELOPE ANN BURNS, B.A.

GRETEL DUNSTAN, B.A.

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**FACULTY OF ENGINEERING****CHEMICAL ENGINEERING****Professor and Head of the Department:**

ROBERT WILLIAM FRANCIS TAIT, B.Sc. (Edin.), Ph.D. (Birm.). Appointed Senior Lecturer, 1950; Reader, 1955; Professor, 1963.

**Professor:**

DAVID ROSS MILLER, Ph.D. (Melb. and Camb.), *Materials Science*. Appointed 1966.

**Senior Lecturers:**

TERENCE NORMAN SMITH, B.E. (Syd.), Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1964.

CARL PATRICK JEFFRESON, B.E. (Syd.), M.Tech. (N.S.W.). Appointed Lecturer, 1965; Senior Lecturer, 1969.

**Lecturers:**

DAVID REGINALD GLYNDWR WILLIAMS, Ph.D. Appointed 1965.

MALCOLM JAMES MESSENGER, Ph.D. Appointed 1966.

MICHAEL JOHN STORY, Ph.D. (Camb.), B.E. Appointed 1968.

## Part-time Lecturers:

ROBIN GUION ELIX, B.E. Appointed 1964.  
GRAHAM JAMES HADDOW, B.Tech. Appointed 1966.

**CIVIL ENGINEERING**

## Professor:

FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (Lond.). Appointed 1952.

## Readers:

GEORGE SVED, Dip.Mech.Eng. (Bud.). Appointed Senior Lecturer, 1950; Reader, 1958.  
ROBERT CULVER, B.Sc., B.E. Appointed Lecturer, 1949; Senior Lecturer, 1954; Reader, 1966.

## Senior Lecturers:

ARTHUR JAMES ROBINSON, B.C.E. (Melb.). Appointed Testing Officer, 1937; Assistant Lecturer, 1940; Lecturer, 1946; Senior Lecturer, 1950.  
DONALD HENRY TYLER, B.E. Appointed Lecturer, 1953; Senior Lecturer, 1960.  
MAURICE ARNOLD, B.Sc. (Eng.) (Natal), Ph.D. Appointed 1960.  
DAVID BEAVINGTON CRAWLEY, M.A. (Camb.). Appointed 1963.  
DAVID STIRLING BROOKS, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1967.  
DENIS ARTHUR CUMMING, M.A. (Oxford). Appointed 1967.  
JOHN ROBERT EWERS, B.E. (W. Aust.). Appointed Lecturer, 1965; Senior Lecturer, 1969.

## Lecturer:

DAVID JOHN MALE, M.A. (Camb.). Appointed 1967.

**ELECTRICAL ENGINEERING**

## Professor and Head of the Department:

JACK LIONEL WOODWARD, B.E. (Cant.), M.A.Sc. (Tor.). Appointed 1966.

## Professor:

ERIC OSBORNE WILLOUGHBY, M.A., B.E.E., B.C.E. (Melb.). Appointed 1946.

## Senior Lecturers:

DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed Lecturer, 1952; Senior Lecturer, 1960.  
BRIAN HARTLEY SMITH, B.E. Appointed Lecturer, 1961; Senior Lecturer, 1965.  
DONALD WARD GRIFFIN, B.A., Ph.D. Appointed 1965.  
DOUGLAS ALBERT PUCKNELL, B.Sc. (H.-W.). Appointed 1967.  
PETER HAROLD COLE, B.Sc., Ph.D. (Syd.). Appointed 1967.

## Lecturers:

GEORGE KAROLYI, B.E. Appointed 1961.  
BRUCE RAYMOND DAVIS, B.Sc., Ph.D. Appointed 1964.

## Part-time Lecturer:

ROMAN MARIA ANTHONY OLESNICKI, Dip.Eng. (Lvov.). Appointed 1955.

## Honorary Consultant in Communication Engineering:

ALBERT J. SEYLER, Dipl.Ing. (Munich), D.App.Sc. (Melb.). Appointed 1966.

**MECHANICAL ENGINEERING**

## Professor:

HENRY HARGAN DAVIS, B.Sc., B.E. (Syd.), Ph.D. (Camb.). Appointed 1946.

## Reader:

JOHN MANNAM, Ph.D. (Birm.). Appointed Senior Lecturer, 1959; Reader, 1963.

## Senior Lecturers:

WILLIAM DEVON DOBLE, B.E. (Syd.). Appointed 1955.  
ANTHONY GEORGE THOMPSON, B.E. (N.Z.), Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1962.  
ALLAN SHAW, B.A. (Brooklyn), B.M.E. (N.Y.), M.E. Appointed 1962.  
MAXWELL KENNETH BULL, B.Sc., B.Mech.E. (Melb.), Ph.D. (S'ton.). Appointed 1964.  
JAMES HENRY FOWLER, B.E. Appointed Lecturer, 1956; Senior Lecturer, 1965. (On leave.)  
JAMES ROSS DYER, B.E., B.Ec. Appointed Lecturer, 1961; Senior Lecturer, 1965.  
PETER ROBIN SANDERSON, B.E. Appointed 1969.

## Lecturer:

JOHN MARTIN PICKLES, B.Sc. (Brist.), Ph.D. (Camb.). Appointed 1967.

## Honorary Lecturer:

ROBERT BRUCE KING, B.Sc. (Syd.), M.Eng.Sc. (S'ton). Appointed Lecturer, 1959; Senior Lecturer, 1963; Honorary Lecturer, 1969.



## FACULTY OF LAW

### Professor and Head of the Department:

ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chic.). Appointed Senior Lecturer, 1958; Reader, 1964; Professor, 1967.

### Professors:

ARTHUR ROGERSON, M.A. (Oxford), *Bonython Professor*. Appointed 1964.  
 DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D., LL.D. (Camb.), *International Law*. Appointed Reader, 1953; Professor, 1962.  
 HORST KLAUS LUCKE, Dr.Jur. (Cologne), M.C.J. (New York), LL.B. Appointed Senior Lecturer, 1961; Reader, 1966; Professor, 1967.

### Senior Lecturers:

DAVID St. LEGER KELLY, B.C.L. (Oxford), B.A., LL.B. Appointed 1964.  
 IVAN ANTHONY SHEARER, S.J.D. (Northwestern), LL.M. Appointed Lecturer, 1963; Senior Lecturer, 1964.  
 JOHN BRIAN GREAVES, M.A. (Oxford). Appointed 1965.  
 MARY WENDY DAUNTON-FEAR, LL.M. (Tas.). Appointed 1966.  
 MICHAEL JOHN TREBILCOCK, LL.B. (Cant.), LL.M. Appointed Lecturer, 1964; Senior Lecturer, 1967.  
 JOHN FRANCIS KEELER, B.A., B.C.L. (Oxford). Appointed Lecturer, 1964; Senior Lecturer, 1967.  
 JOHN NEVILLE TURNER, LL.B. (Manc.). Appointed Lecturer, 1965; Senior Lecturer, 1968.  
 WARREN BRENT FISSE, LL.B. (Cant.). Appointed Lecturer 1965; Senior Lecturer, 1969.

### Lecturer:

MICHAEL CHARLES HARRIS, LL.B. Appointed 1966.

### Part-time Lecturers:

WILLIAM ANDREW NOYE WELLS, Q.C., M.A., B.C.L. (Oxford), LL.B., *Evidence*. Appointed in *Property*, 1954; in *Evidence*, 1969.  
 BRIAN OSWALD HUNTER, LL.B., *Equity*. Appointed 1956.  
 BRIAN ATTWILL MAGAREY, LL.B., *Legal Ethics and Accounts*. Appointed 1968.  
 JOHN HEREFORD PORTUS, B.A. (Syd. and Oxford), *Industrial Law*. Appointed 1961.  
 GRAHAM CLIFTON PRIOR, LL.B., B.C.L. (Oxford), *Property*. Appointed 1969.  
 OSCAR CEDRIC ISAACHSEN, LL.B., *Commercial Law*. Appointed 1953.  
 WILLIAM EDWARD STANLEY FORSTER, LL.B., *Procedure*. Appointed 1967.  
 ALEXANDER KEITH SANGSTER, Q.C., LL.B., *Taxation Law*. Appointed 1960.

### Part-time Directors of Moots:

CHRISTOPHER JOHN LEGOE, M.A. (Camb.). Appointed 1965.  
 ROBERT FINEY MOHR, LL.B. Appointed 1969.

### Tutors:

MARGARET CECELIA DOYLE, LL.B.  
 JENNIFER MAY HUME, LL.B.

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## FACULTY OF MEDICINE

For Biochemistry, Physiology and Microbiology, see under the Faculty of Science.

### ANATOMY AND HISTOLOGY

#### The Elder Professor:

ANDREW ARTHUR ABBIE, M.D., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P., F.R.A.I. Appointed 1945.

#### Readers:

ARTHUR DUDLEY PACKER, M.Sc., M.D. Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1954.  
 JOHN HENRY MARTIN GODFREY VAN DETH, M.D. (Amsterdam). Appointed Senior Lecturer, 1960; Reader, 1963.

#### Senior Lecturer:

ROBERT ANGUS BARBOUR, M.D. Appointed Lecturer, 1956; Senior Lecturer, 1961.

## Lecturers:

RAM SINGH TULSI, D.S.M. (Fiji). Appointed 1961.  
 PHILLIP WILLIAM SANTO MESSENT, M.B., B.S. Appointed Temporary  
 Lecturer, 1961; Lecturer, 1964.  
 JOHN ALFRED WALSH, M.B., B.S. (Temporary).  
 KENNETH EDGAR TRELOAR LITTLE, M.B., B.S. (Temporary).

## Senior Demonstrator:

JUDITH SCHRODER, B.Sc.

**CHILD HEALTH**

## The McGregor Reid Professor:

GEORGE MORRISON MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.). Appointed  
 1959.

## Reader:

GARRY MALCOLM KNEEBONE, M.Sc. (Pitt.), M.B., B.S., M.R.A.C.P. Appointed  
 Senior Lecturer, 1963; Reader, 1967.

## Senior Lecturer:

ROBERT BARTLETT ELLIOTT, M.B., B.S., M.R.A.C.P. Appointed 1965.

## Lecturer:

JAMES LAWRENCE PENFOLD, M.B., B.S. (Syd.), M.R.A.C.P. (Temporary).

## Half-time Lecturer:

JOHN RALPH MARTIN, M.B., B.S. (Temporary).

## Clinical Tutors:

## At the Adelaide Children's Hospital:

THOMAS HUDSON BEARE, M.B., B.S., M.R.C.P. (Lond. and Edin.), M.R.A.C.P.  
 HUGH MATHESON DOUGLAS, M.B., B.S.  
 MICHAEL SCOLLIN RICE, M.B., B.S., M.R.A.C.P.  
 JOHN GRENFELL WILSON, M.B., B.S., M.R.A.C.P.

## At The Queen Elizabeth Hospital:

DILYS MARY CRAVEN, M.B., Ch.B. (Wales), M.D.

## At the Queen Victoria Hospital:

KEITH EVERETT LOVELL, D.C.H. (Lond.), M.B., B.S.

**MEDICINE**

## The Mortlock Professor and Head of the Department:

DONALD JOHN DELLER, M.B., B.S. (Syd.), D.Phil. (Oxford), M.D., M.R.C.P.,  
 M.R.A.C.P. Appointed Michell Research Fellow, 1961; Reader, 1965; Pro-  
 fessor, 1966.

## The Michell Professor:

ANDERS GUSTAF WANGEL, Med.Lic. (Helsingfors), D.Phil. (Oxford), M.D.,  
 M.R.C.P., M.R.A.C.P. Appointed Senior Lecturer, 1967; Professor, 1968.

## Readers:

HARRY LANDER, M.B., B.S., M.R.A.C.P. Appointed Senior Lecturer, 1959;  
 Reader 1965.  
 IAN JAMES FORBES, M.D., M.R.A.C.P. Appointed Senior Lecturer, 1963; Reader,  
 1966.

## Senior Lecturer:

PETER STANISLAUS DAVIS, M.Sc. (N.S.W.). *Medical Biology*. Appointed  
 Lecturer, 1964; Senior Lecturer, 1967.

## Half-time Senior Lecturers:

BRUCE ASHLEY HIGGINS, M.B., B.S., M.R.C.P., M.R.A.C.P. Appointed 1968.  
 HAN LAP KWONG, M.B., B.S. (Syd.), M.R.A.C.P. (Temporary).

## Lecturers:

ERROL GLEN WILMSHURST, M.B., B.S., M.R.A.C.P. (Temporary).  
 ALISTAIR MALCOLM MACKINNON, M.B., B.S. (Melb.), M.R.A.C.P. (Tempo-  
 rary).

## Part-time Lecturers:

PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M., D.P.H. (Syd.), M.R.A.C.P.  
*Public Health and Preventive Medicine*. Appointed 1960.

## At The Queen Elizabeth Hospital:

NEIL DENNIS HICKS, M.D., M.C.P.A. *Haematology*. Appointed 1965.  
 MAURICE LINDSAY WELLBY, M.Sc., M.D., M.C.P.A. *Biochemistry*. Appointed  
 1966.

## At the Institute of Medical and Veterinary Science:

KEVIN FRANCIS ANDERSON, M.D. (Lond.), M.R.A.C.P., M.C.P.A. *Clinical  
 Bacteriology*. Appointed in Microbiology, 1965; transferred, 1969.  
 JAMES ARTHUR BONNIN, M.D., M.C.P.A., M.R.A.C.P. *Haematology*. Appointed  
 1965.

ROBERT GEORGE EDWARDS, M.Sc. (Lond.), M.B., B.S., M.C.P.A., M.C.Path.  
*Biochemistry*. Appointed 1966.  
DONALD ALFRED HANDLEY, M.B., B.S., M.R.A.C.P., M.C.Path. *Haematology*.  
Appointed 1965.  
RICHARD JOHN KIMBER, M.D., M.R.A.C.P. *Haematology*. Appointed 1968.  
ROY WILLOUGHBY PAIN, M.B., B.S. *Biochemistry*. Appointed 1966.  
PETER RONAI, M.B., B.S. (Syd.). *Nuclear Medicine*. Appointed 1968.

**Clinical Tutors:****At the Royal Adelaide Hospital:**

JAMES HUDSON BEARE, M.B., B.S., M.R.C.P. (Lond. & Edin.), M.R.A.C.P.  
RICHARD JOHN BURNS, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P.  
DENE ALAN HICKS, M.B., B.S., M.R.A.C.P.  
CARLIEN LORRAINE KIMBER, M.D.  
DESMOND KENNEDY, M.B., B.S., M.R.A.C.P.  
RICHARD LYALL WILLING, M.B., B.S., M.R.C.P. (Glas. and Lond.).  
THE UNIT REGISTRARS.

**At The Queen Elizabeth Hospital:**

BRUCE ASHLEY HIGGINS, M.B., B.S., M.R.C.P., M.R.A.C.P.  
LAURENCE LEIGH WILSON, M.B., B.S., M.R.C.P. (Edin.).  
THE UNIT REGISTRARS.

**Part-time Demonstrators:**

GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.T.M., D.P.H. (Syd.). *Public  
Health and Preventive Medicine*.  
KEITH JOHN WILSON, D.P.H. (Syd.), M.B., B.S. *Public Health and Preventive  
Medicine*.

**Michell Research Fellow:**

RICHARD DOUGLAS GORDON, M.D. (Q'ld.), M.R.A.C.P. Appointed 1966.

**Queen Elizabeth II Fellow:**

JOHN WILLIAM REDMOND, Ph.D. Appointed 1969.

**MENTAL HEALTH****Professor:**

WILLIAM ALEXANDER CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.).  
Appointed 1963.

**Senior Lecturer:**

FRANCOIS MARIE MARTIN MAI, M.B., Ch.B. (Cape T.), M.R.C.P. (Edin.),  
D.P.M. (Lond.). Appointed 1964.

**Lecturers:**

JOHN HUGH COURT, B.A. (R'dg.). *Medical Psychology*. Appointed 1964.  
TONY MORETON, M.A., M.B., B.Chir. (Camb.), D.P.M. (Leeds). Appointed 1966.

**Clinical Tutors:**

PETER DESMOND GRIVELL, D.P.M. (Melb.), M.B., B.S., M.A.N.Z.C.P.  
JOHN COLWYN MAY, M.B., B.S.

**OBSTETRICS AND GYNAECOLOGY****Professor:**

LOYD WOODROW COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,  
F.R.C.O.G. Appointed 1958.

**Reader:**

LESLIE OSWYN SHERIDAN POIDEVIN, M.B., B.S. (Syd.), M.D., M.S., M.R.C.O.G.  
Appointed 1952.

**Senior Lecturers:**

AILEEN FORSYTH CONNOR, M.D. (Belf.), M.R.C.O.G. Appointed Lecturer, 1963;  
Senior Lecturer, 1965.  
EDWIN MALCOLM SYMONDS, M.B., B.S., M.R.C.O.G. Appointed Lecturer, 1966;  
Senior Lecturer, 1967.  
ROBERT FREDERICK SEAMARK, Ph.D. (Camb.), B.Ag.Sc. *Endocrinology*. Ap-  
pointed Lecturer in Animal Physiology, 1965; Senior Lecturer in Department  
of Obstetrics and Gynaecology, 1969.

**Half-time Senior Lecturer:**

JOHN MILTON MILLER, M.B., B.S., F.R.C.S. (Edin.), M.R.C.O.G. Appointed 1967.

**Lecturer:**

GRAHAM JOHN ANDERSEN, M.B., B.S., M.R.C.O.G. (Temporary).

**Part-time Lecturer:**

KARL GEORGE BALL, M.B., B.S., M.R.C.O.G. Appointed 1961.

## Clinical Tutors:

IAN KING FURLER, M.B., B.S., M.R.C.O.G.  
 GEOFFREY HASENOHR, M.B., B.S., F.R.C.S. (Edin.), M.R.C.O.G.  
 BRENTON GRAHAM MOLLISON, M.B., B.S., M.R.C.O.G.  
 JOHN AUGUSTINE O'LOUGHLIN, M.B., B.S., M.R.C.O.G. (Lond.).  
 HARVEY STEWART RADDEEN, M.B., Ch.B. (Manc.), M.R.C.O.G.  
 IAN HAROLD FULCHER SWAIN, M.B., B.S. (Syd.), M.M.S.A. (Lond.),  
 M.R.C.O.G.  
 KARL CHRISTOPHER TEXLER, M.B., B.S., F.R.A.C.S., M.R.C.O.G.  
 HUGO ULRICH HERBERT VON ALPEN, M.B., B.S. (Q'ld.), M.R.C.O.G.

## Research Fellow:

MARGARET ANN STANLEY, B.Sc. (Lond.), Ph.D. (Brist.) (Anti-Cancer Foundation Grant). Appointed 1969.

## PATHOLOGY

## The George Richard Marks Professor:

JAMES STRUAN ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford), F.R.A.C.P.,  
 M.C.P.A. Appointed 1949.

## Reader:

EDWARD GEORGE CLEARY, M.D. (Syd.), M.R.A.C.P. Appointed 1969.

## Senior Lecturer:

REGINALD KENNETH FELIX PAK POY, M.D., M.R.A.C.P., M.C.P.A. Appointed  
 1964.

## Lecturers:

ROBERT BRUCE DYMCK, M.B., B.S. (Temporary).  
 ROSS ALEXANDER JAMES, M.B., B.S. (Temporary).  
 ROBERT VAN DONGEN, B.Med.Sc., M.B., B.S. (Temporary).  
 JOSEPH CHARLES FANNING, M.B., B.S. (Temporary).

## Part-time Lecturers:

IAN ROBERTSON, M.B., Ch.B. (Cape T.), M.C.P.A., M.C.Path. Appointed 1965.

## At The Queen Elizabeth Hospital:

ROBERT MEADOWS, M.B., Ch.B. (St. And.), M.C.P.A. Appointed 1965.

## At the Institute of Medical and Veterinary Science:

WILLIAM EARLE REGINALD HACKETT, M.A., M.D. (Dub.), M.C.P.A.  
 Appointed 1965.  
 ERIC GODFREY HARDY, M.B., Ch.B. (Leeds), D.T.M.&H. (R.C.P.&S.), M.C.P.A.  
 Appointed 1965.

## SURGERY

## Professor:

JOHN LUDBROOK, B.Med.Sc., M.B., Ch.M. (N.Z.), F.R.C.S., F.R.A.C.S. Ap-  
 pointed 1969.

## Reader:

RONALD GORDON ELMSLIE, M.D. (Syd.), F.R.A.C.S., F.A.C.S. Appointed  
 1969.

## Senior Lecturer:

ANTHONY HYNEK SLAVOTINEK, M.B., B.S. (Syd.), F.R.C.S. (Eng.), F.R.A.C.S.  
 Appointed Lecturer, 1967; Senior Lecturer, 1969.

## Half-time Senior Lecturers:

KEITH PATRICK MCKENNA, M.B., B.S., F.R.A.C.S. Appointed 1966.  
 TREVOR GEORGE PICKERING, M.B., B.S. Appointed 1966.  
 JAMES DUNBAR HARRIS, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. Appointed  
 Senior Lecturer, 1962; Half-time Senior Lecturer, 1969.

## Teaching Registrars:

GLYN GARFIELD JAMIESON, M.B., B.S. (Royal Adelaide Hospital).  
 VILLIS RAYMOND MARSHALL, M.D. (The Queen Elizabeth Hospital).

## Clinical Lecturers:

DAVID OWEN CROMPTON, M.B., B.S., D.O. (Melb.), F.R.A.C.S. *Dr. Charles  
 Gosse Lecturer in Ophthalmic Surgery.* Appointed 1961.  
 GORDON DEAN BEAUMONT, M.S., F.R.C.S. (Eng.), F.R.A.C.S. *Diseases of the  
 Ear, Nose and Throat.* Appointed 1969.  
 GEOFFREY GURNER WYLLIE, M.B., B.S., F.R.C.S., F.R.A.C.S. *Surgical Diseases  
 of Children.* Appointed 1964.  
 MAURICE JAMES WILSON SANDO, M.B., B.S., F.F.A.R.A.C.S. *Anaesthetics.*  
 Appointed 1963.

## Clinical Instructor:

MARTIN DESMOND BEGLEY, M.B., B.S. (Lond.), D.D.R. (Melb.), M.C.R.A.,  
M.R.A.C.P., F.F.R. *Radiology.*

## Clinical Tutors:

## At the Royal Adelaide Hospital:

JOHN MACKILLIP BOLTON, M.B., B.Ch., B.A.O. (Belf.), F.F.A.R.C.S.  
*Anaesthetics.*

KENNETH FRANCIS CABRERA, M.B., B.S., F.R.C.S.

BRIAN GARLAND DUNSTAN COHEN, M.B., B.S., F.R.A.C.S.

JOHN SAMUEL TWEEDALE COX, M.S., F.R.C.S. (Eng.), F.R.A.C.S.

THOMAS CECIL DIXON, M.B., Ch.B. (Birm.), D.A. (R.C.P. and S.)  
F.F.A.R.A.C.S. *Anaesthetics.*

DAVID WYNDHAM HAMILTON, M.B., B.S., F.R.C.S.

MICHAEL RAYMOND HONE, B.Sc., M.B., B.S.

JAMES O'HALLORAN HYDE, M.B., B.S.

JOHN SALISBURY JOSE, M.A. (Camb.), M.B., B.S., F.R.C.S., F.R.A.C.S.

DONALD STUART KIDD, M.B., B.S. (Syd.), F.R.C.S. (Eng.), F.R.A.C.S.

JOHN RAYMOND LIPERT, M.B., B.S., F.R.C.S. (Edin.)

DONALD CAMPBELL McKINNON, M.B., B.S., F.R.C.S., F.R.A.C.S.

DENNIS CRAIG PATERSON, M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S.

NORMAN CHARLES WILSON TOWNSEND, M.B., B.S.

## At The Queen Elizabeth Hospital:

JAMES HOWARD BROWN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Thoracic  
Surgery.*

RODNEY JOHN HALL, M.B., B.S. (Melb.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

ALEXANDER COWELL NIELD, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.

VIVIAN EALDEN REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. and S.),  
*Anaesthetics.*

JAMES MILLER SAUNDERS, M.B., Ch.B. (N.Z.), D.A. (Melb.), F.F.A.R.A.C.S.  
*Anaesthetics.*

HAROLD RAYMOND SCHAEFFER, M.B., B.Ch. (Rand), F.R.C.S., F.R.A.C.S.  
*Neurosurgery.*

DOUGLAS GEORGE TOWNSEND, M.B., B.S.

RODNEY GORDON WHITE, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Orthopaedic  
Surgery.*

## FACULTY OF MUSIC

and

## THE ELDER CONSERVATORIUM OF MUSIC

The Elder Professor of Music and Director of the Elder Conservatorium:

DAVID GALLIVER, M.A. (Oxford), A.R.C.M. Appointed Lecturer, 1964; Professor  
and Director, 1966.

## THEORETICAL SCHOOL

## Reader:

JACK VERNON PETERS, B.Mus. (Durh.), Mus.D. (N.Z.), F.R.C.O. Appointed  
Lecturer, 1953; Senior Lecturer, 1963; Reader, 1966.

## Lecturers:

JOHN DAVID SWALE, M.A., Mus.B. (Camb.), A.R.C.O. Appointed 1965.

JAMES COBURN GOVENLOCK, B.Mus., F.R.C.O. Appointed 1966.

PHILIP JOHN BRITTON, M.A. (Oxford). Appointed 1967.

RICHARD GRAHAM MEALE. Appointed 1969.

## Tutor:

PETER TAHOURDIN, Mus.M. (Tor.).

## Research Fellow:

CATHERINE JOAN ELLIS, B.Mus. (Melb.), Ph.D. (Glas.) (Australian Institute  
of Aboriginal Studies). Appointed under Australian Research Grants Commit-  
tee grant, 1967; transferred, 1969.

## PRACTICAL SCHOOL

## Pianoforte:

HARRY LANCELOT DOSSOR, A.R.C.M.

CLEMENS THEODOR LESKE, B.Mus. (Melb.), Dip. d'Études (Paris).

- Organ: JAMES COBURN GOVENLOCK, B.Mus., F.R.C.O.
- Singing: DONALD GEORGE ALFRED MUNRO, A.R.C.M.  
NANCY THOMAS.
- Violin and Viola:  
LLOYD DAVIES, D.S.C.M.  
MARIE BERYL KIMBER, F.R.A.M.  
NORA WHITEHEAD, A.R.C.M.
- Violoncello:  
JOHN DAVID BISHOP.  
JAMES WHITEHEAD, A.R.C.M.
- Double Bass:  
ARTHUR BONE.
- Flute: DAVID CUBBIN.
- Oboe: JIRI TANCIBUDEK, Mus.M. (Prague).
- Clarinet: GABOR REEVES, D.S.C.M.
- Bassoon: THOMAS ALBERT WIGHTMAN.
- French Horn: STANLEY RONALD FRY.
- Trombone: DESMOND BLUNDELL.
- Trumpet: GEORGE STANDISH ROBERTS.
- Percussion: RICHARD SMITH.
- Orchestra and Chamber Music:  
DAVID CUBBIN.  
LLOYD DAVIES.  
MARIE BERYL KIMBER, F.R.A.M.  
JIRI TANCIBUDEK, Mus.M. (Prague).  
JAMES WHITEHEAD, A.R.C.M.  
THOMAS ALBERT WIGHTMAN.
- Opera: DONALD GEORGE ALFRED MUNRO, A.R.C.M. *Producer.*  
VINCENT PATRICK PLUSH, *Chorus Master.*
- Aural Culture and Musical Appreciation:  
ALISON JOYCE HOLDER, B.Mus.
- Accompanist:  
ALISON JOYCE HOLDER, B.Mus.

#### OTHER OFFICERS

- Senior Administrative Assistant:  
JOHN LEONARD PORTER. Appointed Administrative Assistant, 1956; Senior Administrative Assistant, 1963.
- Librarian:  
WERNER GALLUSSER, Ph.D. (Zür.), Dip.Mus. (Zurich Conservatoire). Appointed 1960.

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#### PHYSICAL EDUCATION

- Senior Lecturer-in-Charge:  
BERT FREDERICK GEORGE APPS, B.A., Dip.Ed., D.P.E. (Melb.). Appointed Lecturer-in-Charge, 1947; Senior Lecturer-in-Charge, 1950.
- Lecturers:  
ELIZABETH MERYON BARWELL, D.P.E. (Bedford), M.C.S.P. (Lond.). Appointed 1948.  
JOHN MONCRIEFF, M.P.Ed. (Br. Col.), Ed.D. (Calif.). Appointed 1964.
- Tutor:  
MARGARET MACDONALD, D.P.E. (Anstey Coll.).



**PHYSIOTHERAPY****Senior Lecturer-in-Charge:**

MARIE JOAN HAMMOND, A.U.A., T.M.M.C., T.E.T., M.C.S.P. (Lond.). Appointed Lecturer, 1960; Lecturer-in-Charge, 1965; Senior Lecturer-in-Charge, 1968.

**Lecturers:**

JEANNE-MARIE ELISABETH GANNE, T.M.M.C., T.E.T., M.C.S.P. (Lond.). Appointed Senior Tutor, 1963; Lecturer, 1964.  
HELEN SCOTT BLAIR, A.P.A., M.C.S.P. (Lond.). Appointed 1965.

**Part-time Lecturers:**

ROBERT MEADOWS, M.B., Ch.B. (St. And.), M.C.P.A.  
CONSTANCE HARTLEY SMITH, A.P.A., M.C.S.P. (Lond.).

**Tutors:**

MARGARET HELEN ABBIE, A.U.A.  
LEONIE EVE WARMINGTON, A.U.A.

**Part-time Tutors:**

DIANA BARBARA BURTON, A.U.A.  
SUZANNE FRANCES BURNELL, M.C.S.P. (Lond.).  
MARGARET ANNE LESNIKOWSKI, A.U.A.  
ADRIENNE McCARTHY, A.U.A.  
GEOFFREY DOUGLAS MAITLAND, A.U.A.  
JANET MARY MARTIN, A.U.A.  
NORMAN ANDREW PEART, A.U.A.  
MAXWELL CLEMENS PFITZNER, A.U.A.  
DEANE JOHN RADY, A.U.A.  
PATRICIA HELEN TROTT, A.U.A.  
JOSEPHINE ANN WOOLLARD, A.U.A.

**FACULTY OF SCIENCE****BIOCHEMISTRY AND GENERAL PHYSIOLOGY****Professor:**

WILLIAM HERDMAN ELLIOTT, M.A., Ph.D. (Camb.), F.A.A. Appointed 1965.

**Readers:**

GEORGE ERNEST ROGERS, M.Sc. (Melb.), Ph.D. (Camb.). Appointed 1963.  
DONALD BRUCE KEECH, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1963; Reader, 1968.

**Senior Lecturers:**

ROBERT HENRY SYMONS, Ph.D. (Melb.). Appointed Lecturer, 1962; Senior Lecturer, 1967.  
JOHN BARRY EGAN, M.Sc. (Melb.), Ph.D. (Colorado). Appointed 1967.

**Lecturers:**

JULIAN RICHARD ESTE WELLS, Ph.D. Appointed 1967.  
JOHN FREDERICK WHELDRAKE, D.Phil. (Oxford). Appointed Postdoctoral Fellow, 1967; Lecturer, 1968.

**Demonstrators:**

LEA MATHESON, B.Sc. (Melb.).  
MARGARET HELEN SIMPFENDORFER, B.Sc.  
DIANA LESLEY WISKICH, Ph.D.

**BOTANY****Professor:**

RUTHERFORD NESS ROBERTSON, C.M.G., D.Sc. (Syd.), Ph.D. (Camb.), F.R.S., F.A.A. Appointed 1962.

**Readers:**

HUGH BRYAN SPENCER WOMERSLEY, D.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1950; Reader, 1961.  
PETER GORDON MARTIN, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1959; Reader, 1967.

**Senior Lecturers:**

CONSTANCE MARGARET EARDLEY, M.Sc. Appointed Lecturer, 1950; Senior Lecturer, 1967.  
ROBERT TERRENCE LANGE, Ph.D. (W. Aust.). Appointed Lecturer, 1961; Senior Lecturer, 1967.  
JOSEPH TONY WISKICH, Ph.D. (Syd.). Appointed Lecturer, 1964; Senior Lecturer, 1969.

**Lecturers:**

FRANK ANDREW SMITH, Ph.D. (Camb.). Appointed 1967.  
ELISE MARGARETTA WOLLASTON, Ph.D. Appointed 1967.  
RUSSELL SINCLAIR, B.Sc. (Syd.), Ph.D. Appointed 1969.

- Honorary Lecturer:  
HANSJOERG EICHLER, Dr. rer. nat. (Halle-Wittenberg). Appointed 1965.
- Senior Demonstrators:  
ESTELLE ANNE MITCHELL, M.Sc.  
PETER HAMILTON SMITH, B.Sc. (N.Z.).
- Demonstrators:  
BARBARA RANDELL, B.Sc. (Q'ld.).  
RODERICK WESTGARTH ROGERS, B.Sc.
- Research Fellow:  
CLIVE ELLSWORTH PRICE, B.Sc. (Sheff.), Ph.D. (Lond.) (Australian Research Grants Committee). Appointed 1968.

### COMPUTING SCIENCE

- Professor and Director of the Computing Centre:  
JOHN ALLEN OVENSTONE, B.Sc. (Syd.), Ph.D. (Camb.). Appointed 1964.
- Senior Lecturers:  
IAN NICHOLAS CAPON, Ph.D. (Camb.), B.Sc. Appointed Lecturer, 1961; Senior Lecturer, 1964.  
JOHN NOEL WEADON, M.Sc. (Auck.). Appointed 1965.  
JOHN GAVIN SANDERSON, Ph.D. Appointed Lecturer in Mathematics, 1959; transferred, 1963; Senior Lecturer, 1967.
- Lecturers:  
JOHN BALFOUR BUXTON, B.Sc. Appointed in Mathematics Department, 1964; transferred, 1966.  
JOHN LEONARD CAMERON MACASKILL, B.Sc. (Eng.) (Lond.). Appointed 1968.
- Officer in Charge of Punch Card Equipment:  
DONALD WILLIAM SIMMONS, D.F.C., B.A., B.Ec., A.U.A. (Pub. Admin.). Appointed in Registrar's Department, 1955; transferred, 1961.

### ECONOMIC GEOLOGY

- Professor and Head of the Department:  
ERIC AROHA RUDD, A.M. (Harv.) B.Sc. Appointed 1949.
- Professor:  
DAVID MURRAY BOYD, B.Sc. (Glas.), *Geophysics*. Appointed 1969.
- Lecturer:  
ROSS ANDREW BOTH, M.Sc. (Tas.), B.Sc. Appointed 1968.

### GENETICS

- Professor:  
JOHN HENRY BENNETT, M.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed 1956.
- Reader:  
DAVID LINDSAY HAYMAN, Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1963; Reader, 1969.
- Senior Lecturers:  
GEORGE MELROSE ELTON MAYO, Ph.D. Appointed Agronomist, 1947; Plant Geneticist, 1950; Senior Lecturer, 1957.  
MARJORIE JEAN MAYO, Ph.D. (Camb.), M.Sc. (Melb.). Appointed Lecturer, 1952; Senior Lecturer, 1957.
- Lecturer:  
BRONTE WINSTON GABB, B.Med.Sc., M.B., B.S., Ph.D. Appointed 1968. (On leave.)
- Senior Demonstrator:  
JUDITH ANNE WINSTANLEY LEVY, M.Sc.
- Demonstrators:  
CAROLYN RUBY LEACH, B.Sc.  
DAVID JOHN FINNEGAN, B.Sc.

### GEOLOGY AND MINERALOGY

- Professor and Head of the Department:  
RUPERT WILLIAM ROYE RUTLAND, Ph.D. (Lond.), F.G.S. Appointed 1966.
- Professor:  
MARTIN FRITZ GLAESNER, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A. Appointed Senior Lecturer, 1950; Reader, 1952; Professor, 1964.

- Reader:  
ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lecturer, 1950; Reader, 1968.
- Senior Lecturers:  
ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1958; Senior Lecturer, 1960.  
JOHN BRETT JONES, B.Sc. (Q'ld.), Ph.D. (Wis.). Appointed Lecturer, 1959; Senior Lecturer, 1964.  
BRIAN DAILY, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1964.  
ROBERT WILLIAM NESBITT, Ph.D. (Durh.). Appointed Lecturer, 1961; Senior Lecturer, 1969.
- Lecturers:  
TIMOTHY PAUL HOPWOOD, Ph.D. (Syd.). Appointed 1968.  
VICTOR ANDREW GOSTIN, M.Sc. (Melb.), Ph.D. (A.N.U.). Appointed 1969.
- Senior Demonstrators:  
ELIZABETH MAUD McBRIAR, B.Sc. (Melb.), M.Sc.  
MARY JULIA WADE, Ph.D.
- Demonstrators:  
ALAN CHARLES MOORE, M.Sc. (Rhodes).  
BURTON MURRELL, B.Sc. (Well.).
- Curator of the Museum:  
DONALD HUGH McCOLL, B.Sc. (Melb.).

### HUMAN PHYSIOLOGY AND PHARMACOLOGY

- Professor:  
ROBERT FORD WHELAN, M.D., Ph.D., D.Sc. (Belf.), F.R.A.C.P., F.A.A. Appointed 1958.
- Readers:  
IVAN STANLEY DE LA LANDE, Ph.D. (Melb.), *Pharmacology*. Appointed 1958.  
DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1955; Reader, 1964.  
ROBERT LEY HODGE, M.D., M.R.A.C.P. Appointed 1968.
- Lecturers:  
JOHN NEILSON McNALLY, B.Sc. Appointed 1962.  
DEREK BRIAN FREWIN, M.B., B.S. (Ceyl.). (Temporary).  
LEON BARRY JELLETT, M.B., B.S., M.R.A.C.P. (Temporary).  
RODNEY CHARLES HALL, M.Sc., M.B., Ch.B. (Birm.) (Temporary).
- Senior Demonstrator:  
BARBARA JOAN DENNIS, Ph.D.
- Demonstrator:  
ALLAN HUGO BRETAG, B.Sc.

### MATHEMATICAL PHYSICS

- Professor and Head of the Department:  
CHARLES ANGAS HURST, B.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed Senior Lecturer, 1957; Reader, 1960; Professor, 1964.
- Professor:  
HERBERT SYDNEY GREEN, D.Sc. (Edin.), F.A.A. Appointed 1951.
- Lecturer:  
LINDSAY RICHARD DODD, Ph.D. Appointed 1968.
- Research Fellow:  
HARVEY ALAN COHEN, B.Sc. (Syd.), Ph.D. (A.N.U.) (Australian Research Grants Committee). Appointed 1969.

### MATHEMATICS

- Professor and Head of the Department:  
JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959; Reader, 1965; Professor, 1967.
- Professors:  
ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.), F.A.A., *Elder Professor*. Appointed 1959.  
RENFREY BURNARD POTTS, D.Phil., D.Sc. (Oxford), B.Sc. Appointed 1959.
- Reader:  
ERNEST OLIVER TUCK, Ph.D. (Camb.), B.Sc. Appointed 1968.

## Senior Lecturers:

- MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.  
 EDITH JANE PITMAN, B.A. (Tas.), Ph.D. (Syd.). Appointed 1963.  
 WAZIR HASAN ABDI, B.A. (Alld.), M.A. (Alig.), Ph.D. (Luck.). Appointed 1967.  
 CHARLES EDWARD MILLER PEARCE, M.Sc. (Well.), Ph.D. (A.N.U.). Appointed 1968.

## Lecturers:

- LEWIS LOW, M.Sc. (Syd.). Appointed 1966.  
 FRANZ JOHANN MARIA SALZBORN, Drs. (Utrecht). Appointed 1966.  
 JAGANNATH MAZUMDAR, M.Sc. (Patna), Ph.D. (Moscow). Appointed 1966.  
 PAUL RAYMOND SCOTT, M.Sc. (N.Z.), Ph.D. Appointed 1967.  
 BRIAN JOHN NOYE, A.U.A., B.Sc., Dip. Ed. Appointed 1968.  
 IVAN FRIS, Ph.D. (C.S.A.V.). Appointed 1968.  
 ROBERT JOHN CLARKE, M.Sc. (Warw.), B.Sc. Appointed 1969.  
 RICHARD BRUCE McFEAT, B.Sc. (Temporary).

## Senior Tutors:

- MARTA SVED, M.Sc.  
 WILLIAM HENDERSON, B.Sc. (Sheff.) (Temporary).

## Tutors:

- RONDA MAY POTTER, M.Sc.  
 LEON MELVYN SIMON, B.Sc.  
 MARGARET GILLIAN VAUGHTON, B.Sc.

## Executive Officer:

- ROSEMARY MARGARET CORNISH, B.Sc. (Lond.). Appointed 1968.

## MAWSON INSTITUTE FOR ANTARCTIC RESEARCH

## Director:

- FREDERICK JOHN JACKA, Ph.D. (Melb.). Appointed 1965.

## Reader:

- PATRICK WILLIAM SEYMOUR, Ph.D. (A.N.U.), G.G.I.A. Appointed Senior Lecturer in Mathematical Physics, 1963; Reader, 1967; Transferred 1969.

## Engineer:

- DONALD FRANCIS CREIGHTON, B.E.E. (Melb.). Appointed 1967.

## Senior Principal Research Scientist (C.S.I.R.O.):

- ROBERT CARRICK, B.Sc. (Glas.), Ph.D. (Edin.), seconded from C.S.I.R.O. 1967.

## MICROBIOLOGY

## Professor:

- DERRICK ROWLEY, M.D., Ph.D. (Lond.). Appointed 1959.

## Reader:

- CHARLES REINHOLD JENKIN, Ph.D. (Lond.). Appointed Lecturer, 1960; Senior Lecturer, 1963; Reader, 1965.

## Senior Lecturers:

- DOUGLAS HARDY, M.A. (Camb.), M.B., Ch.B. (Edin.). Appointed 1966.  
 PETER REEVES, Ph.D. (Lond.). Appointed Research Fellow, 1961; Lecturer, 1965; Senior Lecturer, 1968.  
 BRUCE LESLIE REYNOLDS, B.Pharm. (Lond.), Ph.D., F.P.S. Appointed 1968.

## Lecturer:

- IEVA KOTLARSKI, Ph.D. Appointed 1965.

## Part-time Lecturer:

- At the Adelaide Children's Hospital:  
 ROBIN GAVINE COOPER, M.B., B.S. (Q'ld.), M.C.P.A. Appointed 1965.

## Demonstrators:

- NEOH SIM HEE, B.Sc.  
 ALEXANDER PETER OSMAND, B.Sc. (Lond.).

## Research Fellow:

- GRAHAM DOUGLAS FISCHER JACKSON, Ph.D. (Australian Research Grants Committee). Appointed under National Health and Medical Research Council grant, 1965; transferred 1968.

**ORGANIC CHEMISTRY**

## Professor:

ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W. Aust.), D.Phil. (Oxford). Appointed Lecturer, 1958; Senior Lecturer, 1962; Reader, 1964; Professor, 1965.

## Readers:

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed Senior Lecturer 1951; Reader, 1957.  
 GRAHAM ETHELBERG LEWIS, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1961; Reader, 1966.  
 THOMAS McLEOD SPOTSWOOD, M.Sc. (Tas.), Ph.D. Appointed Lecturer, 1962; Senior Lecturer, 1964; Reader, 1968.

## Senior Lecturers:

RALPH ALAN MASSY-WESTROPP, M.Sc. (Syd.), Ph.D. (Manc.). Appointed Lecturer, 1961; Senior Lecturer, 1966.  
 GEORGE EDWARD GREAM, M.Sc. (N.E.), Ph.D. (Camb.). Appointed Lecturer, 1961; Senior Lecturer, 1967.  
 ROLF HERMAN PRAGER, Ph.D. (Syd.), D.I.C. (Lond.). Appointed Lecturer, 1964; Senior Lecturer, 1969.

## Lecturers:

DAVID PETER GEORGE HAMON, Ph.D. (S'ton). Appointed 1965.  
 ARTHUR DAVID WARD, Ph.D. (N.Z.). Appointed 1965.  
 JOHN HAMILTON BOWIE, M.Sc. (Melb.), Ph.D. (Nott.). Appointed 1966.  
 LEWIS NORMAN MANDER, M.Sc. (Auck.), Ph.D. (Syd.). Appointed 1966.

## Demonstrator:

RAYMOND ANTHONY DINE-HART, B.Tech. (Brunel).

**PHYSICAL AND INORGANIC CHEMISTRY**

## The Angas Professor and Head of the Department:

DENIS OSWALD JORDAN, D.Sc. (Lond.), F.R.I.C. Appointed 1954.

## Professor:

DONALD RICHARD STRANKS, Ph.D. (Melb.). Appointed 1964.

## Readers:

PETER JOHN DUNLOP, B.Sc. (W. Aust.), Ph.D. (Wis.). Appointed Senior Lecturer, 1959; Reader, 1966.  
 PETER EDWARD MARSHALL ALLEN, D.Sc. (Birm.). Appointed Lecturer, 1963; Senior Lecturer, 1966; Reader, 1968.

## Senior Lecturers:

JACK ROBSON URWIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.  
 STANLEY WALLACE KENNEDY, Ph.D. (Belf.). Appointed Lecturer, 1957; Senior Lecturer, 1963.  
 JOHN HEWLETT COATES, B.Sc. (Nott.), Ph.D. Appointed Lecturer in Agricultural Chemistry, 1957; Physical and Inorganic, 1959; Senior Lecturer, 1964.  
 ALEXANDER ADAMANTIOU DIAMANTIS, M.Sc. (Syd.), Ph.D., D.I.C. (Lond.). Appointed Lecturer, 1959; Senior Lecturer, 1964.  
 JOHN CHARLES SHELDON, Ph.D. (Nott.). Appointed Lecturer, 1961; Senior Lecturer, 1964.  
 THOMAS KURUCSEV, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1965.  
 MAURICE LEON MARTIN, B.A., Dip.Ed., Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1965.  
 BARRY JOHN STEEL, B.Sc. (W. Aust.), Ph.D. (N.E.). Appointed Lecturer, 1960; Senior Lecturer, 1967.  
 GERALD STEVEN LAURENCE, M.Sc. (W. Aust.), Ph.D. (Leeds). Appointed Lecturer, 1961; Senior Lecturer, 1967.

## Lecturers:

GRAEME HUNTER SEARLE, M.Sc. (N.Z.), Ph.D. (A.N.U.). Appointed 1965.  
 MICHAEL ROBERT SNOW, M.Sc. (Syd.), Ph.D. (Lond.). Appointed 1966.  
 STEPHEN FREDERICK LINCOLN, B.Sc. (Tech.) (Manc.), Ph.D. Appointed 1968.

## Demonstrators:

DAVID JOHN FENNELL, B.Sc.  
 BRUCE STANFORD CHANDLER, B.Sc.

**PHYSICS**

## The Elder Professor and Head of the Department:

JOHN HENRY CARVER, M.Sc. (Syd.), Ph.D. (Camb.). Appointed 1961.

**Professor:**

KENNETH GORDON McCracken, Ph.D. (Tas.). Appointed 1965.

**Readers:**

STANLEY GORDON TOMLIN, Ph.D. (Lond.) Appointed Senior Lecturer, 1950; Reader, 1953.

BASIL HUGH BRIGGS, M.A., Ph.D. (Camb.). Appointed Senior Lecturer, 1962; Reader, 1964.

WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959; Reader, 1964.

**Senior Lecturers:**

DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.

EDWIN HARRY MEDLIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1960.

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1962.

ARTHUR REGINALD BEVAN, Ph.D. (Lond.), M.Sc. (Syd.). Appointed Lecturer, 1959; Senior Lecturer, 1963.

ROBERT LAWRENCE, Ph.D. Appointed Lecturer, 1959; Senior Lecturer, 1963.

LEON GORDON ERICSON, Ph.D. Appointed Lecturer, 1960; Senior Lecturer, 1968.

**Lecturers:**

ALAN GOWER GREGORY, B.Sc. (Lond.), Ph.D. (A.N.U.). Appointed 1964.

EUAN CHISHOLM MACKENZIE, Ph.D. (Birm.). Appointed 1965.

LEE WALTER TOROP, B.S. (C.C.N.Y.), Ph.D. (Stan.). Appointed 1967.

PAUL ANTHONY DENNISON, B.Sc. (Birm.), Ph.D. (Camb.). Appointed 1967.

DONALD GEORGE McCOY, Ph.D. Appointed Temporary Lecturer, 1966; Lecturer, 1968.

CARL SIGURD NILSSON, Ph.D. Appointed 1968.

JOHN RAYDEN PATTERSON, Ph.D. (A.N.U.), B.Sc. Appointed 1968.

**Senior Demonstrator:**

BRIAN HENRY HORTON, B.Sc. (Q'ld.), Ph.D.

**Demonstrators:**

KAREL BARTUSEK, B.Sc.

ANTHONY WILLIAM BUTTERFIELD, B.Sc.

ALAN CHARLTON BASTIAN, B.Sc. (W. Aust.), M.Sc.

GRANT GARTRELL, B.Sc.

**Queen Elizabeth II Fellow:**

JOHN ROBATHAN HARRIES, M.Sc. (Minn.), B.Sc. Appointed 1968.

**Executive Officer:**

ALBERT VAN ROOD, B.Sc. (Lond.). Appointed 1965.

**STATISTICS (Separated from Mathematics 1968)****Professor and Head of the Department:**

ALAN TRELEVAN JAMES, Ph.D. (Prim.), M.Sc. Appointed 1965.

**Senior Lecturers:**

WILLIAM BROOKING TAYLOR, M.Sc. (N.Z. and Lond.). Appointed 1966.

KERWIN WILLIAM MORRIS, B.Sc. Appointed Lecturer, 1956; Senior Lecturer, 1967.

GREGORY WILLIAM BENNETT, B.A., Ph.D. (Temporary).

**Lecturer:**

HANS LEVENBACH, B.Sc. (Acad.), M.Sc. (Qu.), Ph.D. (Tor.). Appointed 1968.

**Tutor:**

WILLIAM NORMAN VENABLES, B.Sc. (Q'ld.).

**ZOOLOGY****Professor and Head of the Department:**

HERBERT GEORGE ANDREWARTHA, D.Sc., F.A.A. Appointed Entomologist, 1936; Senior Entomologist, 1950; Reader, 1955; Professor, 1962.

**Professor:**

CLYDE MANWELL, M.S. (Wash.), Ph.D. (Stan.). Appointed 1969.

**Senior Lecturers:**

IFOR MORRIS THOMAS, M.Sc. (Wales). Appointed Lecturer, 1947; Senior Lecturer, 1950.

STANLEY JOE EDMONDS, B.A., Ph.D. Appointed Lecturer, 1952; Senior Lecturer, 1955.

RAYMOND IAN SOMMERVILLE, M.Agr.Sc. (N.Z.). Appointed 1964.

JOHN ROYLE CASLEY-SMITH, D.Phil. (Oxford), B.Sc., M.B., B.S. Appointed 1964.

DEREK ANTHONY DUCKHOUSE, Ph.D. (Lond.). Appointed Lecturer, 1958; Senior Lecturer, 1967.

SHELLEY BARKER, Ph.D. (W. Aust.). Appointed Lecturer, 1963; Senior Lecturer, 1968.

THOMAS CHARLES RAYMOND WHITE, B.Sc. (N.Z.), B.Sc. (For.) (Edin.), Ph.D. Appointed Lecturer, 1966; Senior Lecturer, 1969.



- Lecturer:  
MICHAEL EWERS BAYNE SMYTH, D.Phil. (Oxford), B.Sc. Appointed 1965.
- Senior Demonstrator:  
LAURA MADELINE ANGEL, M.Sc.
- Demonstrators:  
ADRIENNE RUTH KRANTZ, B.Sc.  
CHRISTIAN RUTH CUMMING, M.R.C.S., L.R.C.P., L.M.S.S.A.  
BRIAN FRANK GREEN, B.Sc. (Lond.).  
JAN LEWIS ROBERTSON, B.Sc.

## FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

STAFF OF DIVISIONS AND SCHOOLS OF THE INSTITUTE OF TECHNOLOGY  
ENGAGED IN TEACHING IN THE FACULTY OF TECHNOLOGY AND APPLIED  
SCIENCE.

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SWAN DOUGLAS SWANSON, B.Tech.  
HENRY CLAVERING TUCKWELL, B.Sc.  
NEIL THOMAS BIRD, B.Arch. (O'ld).  
LINDSAY JUSTIN RHODES COLE, B.Tech.  
PETER ASH HARLEY, B.E.  
DONALD LANGMEAD.

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#### SCHOOL OF ELECTRICAL ENGINEERING:

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IAN PETER MILROY, M.A. (Camb.).  
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ANTONIN JAROSLAV KOPETSKY, B.E. (Harbin).  
BARRY JOSEPH GREAR, B.Tech.

#### SCHOOL OF ELECTRONIC ENGINEERING:

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MICHAEL JOSEPH MILLER, B.E.  
GEORGE EDWARD BIGGINS, B.E.  
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BRUCE EDWARD FREDERICK MALONE, B.Tech.  
DONALD CHARLES McDONALD, B.Tech.  
LAMBERTUS MARTINUS MARIA VAN DAAL, B.Tech.  
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TERRY WALTER RILEY, B.E. (N.S.W.).

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## DIVISION OF APPLIED SCIENCE

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## SCHOOL OF CHEMICAL TECHNOLOGY:

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 ROBERT JOHN KELLY, B.E.  
 EDWIN VINCENT HUMPHREY, B.Tech.  
 THOMAS WILLIAM RIMMINGTON, M.Sc. (Birm.).  
 DENNIS ESTCOURT MULCAHY, Ph.D.  
 TOR TUFTE, Cand.Real. (Oslo).  
 JOHN ROBERT ROACH, Ph.D.  
 JOHN DEVENPORT, B.Tech.  
 MAURICE DOLLING, B.Sc.  
 MARK GREGORY LAMPARD, M.Sc. (Syd.).  
 NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. *Honorary Consultant in Microbiology.*

## SCHOOL OF MATHEMATICS:

DAVID HARRY LEE, M.Sc. (Head of School).  
 ARTHUR EDWARD NORMAN, B.A., B.Sc.  
 ALAN FRANK WOOLDRIDGE, B.Sc.  
 HAROLD EDGAR MANSBRIDGE, M.Sc.  
 ERIC ARTHUR TAMLIN, B.Sc.  
 ANDREW KENNETH DUNCAN, M.A. (Tor.), B.Sc.  
 BASIL ROSS BENJAMIN, B.A., B.Sc. (Melb.).  
 RALPH FRANCIS JONES, B.Sc., Dip.Ed. (Birm.).  
 PHILIP GEORGE HOWLETT, B.Sc.  
 JOSEPH FLORIAN ECKER, B.A., B.Com. (Melb.).  
 DAVID MICHAEL PANTON, B.Sc.  
 GEORGE RICHARD WILEY, B.Sc. (Syd.).  
 ROSS ALLEN FRICK, B.Sc.  
 ROBERT EDWIN HALL.  
 LEONARD HAROLD COLGAN, B.Sc.  
 LESLIE THOMAS McLEOD BERRY, B.Sc., Dip.Ed.  
 PHYLLIS CHUI QUEN CHEN.

## SCHOOL OF METALLURGY:

ARTHUR STANLEY APPLETON, Ph.D. (Liv.). (Head of School).  
 FRANTISEK VNUK, B.A., B.Sc.  
 IAN BRUCE KETTERIDGE, M.E.  
 BRIAN JAMES SUNTER, M.Sc.  
 DAVID ATKINSON, Ph.D. (Liv.).  
 EUGENE MICHAEL PILARSKI, Ph.D. (Wisc.).  
 GEOFFREY WALTER WOOD, B.Sc. (Q'ld.).  
 BRENDON ASTON PARKER, Ph.D. (Lond.).  
 DAVID WILLIAM TWIGGER.

## DEPARTMENT OF MINERAL ENGINEERING:

ALLAN HEWITT DUTTON, B.E. (Head of Department).  
 PETER MAURICE HANCOCK, B.Sc. (Wales).  
 ERROL CLAUDE STOCK, B.Sc. (Q'ld.).

## SCHOOL OF PHARMACY:

BASIL JAMES FREDERICK CHRISTIE, Ph.D. (Head of School).  
 BERESFORD HANNAM STOCK, B.Sc., A.U.A. (Pharm.).  
 REGINALD BERNARD PORTER, Ph.D.  
 LAWRENCE JOHN BENNETT, M.Sc. (Wales).  
 ALAN ERNEST POLACK, B.Sc., B.Sc. (Pharm.) (Rhodes), M.Pharm. (Syd.).  
 JAMES LAURIE McINNES, A.U.A. (Pharm.).  
 AIRDRIE CATHCART FINLAYSON, B.Sc.  
 LLOYD NORMAN SANSOM, A.U.A. (Pharm.).  
 ROBERT WILLIAM GUY, Ph.D.  
 RONALD ANTHONY SKURRAY, A.U.A. (Pharm.).

## SCHOOL OF PHYSICS:

CYRIL GEORGE WILSON, M.Sc. (Lond.) (Head of School).  
 WILLIAM STEVENSON BOUNDY, M.Sc., Dip.Ed.  
 JOHN ARTHUR WESTPHALEN, B.Sc.  
 PHILIP THOMAS DOBNEY, B.Sc.  
 COLIN RAYMOND MCGEE, M.Sc.  
 PETER WILLIAM HOARE, B.Sc. (Lond.).  
 BARBARA ISABELLE HERBERT POSSINGHAM, Ph.D.  
 THEODORE RUDOLPH PETER, Dip.Mech.E. (Bud.).  
 ROY EDWIN WHITE, M.A., C.Ed. (Camb.).  
 PAUL LANCELOT GOUGH, B.Sc.  
 RONALD WALKER, B.Sc. (Lond.), M.Tech. (Brunel).  
 ALGERNON LUMLEY HAYDON ALDERSEY, Ph.D. (Tas.), B.Sc.  
 GRAHAM JOHN DAY, M.Sc. (Syd.).  
 ROBERT DEAN CAMPBELL, B.Sc.

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**ANTI-CANCER FOUNDATION**

## Senior Physicist:

BOYCE WILSON WORTHLEY, B.A., M.Sc. Appointed 1942.

## Physicists:

MERVYN JOHN TOOZE, B.Sc. Appointed 1948.  
 RALPH LESLIE NICHOLLS, B.E. (Syd.). Appointed 1962.  
 DONALD LEITH HASKARD, B.E. Appointed 1965.

## Neoplasia Registrars:

JAMES ESTCOURT HUGHES, V.R.D., M.B., M.S., F.R.A.C.S. Appointed 1965.  
 MARGARET CATHERINE MOODY, M.B., B.S. Appointed 1965.

## Cyto-Pathologist:

JAMES ALEXANDER KIRKLAND, M.D. (St.And.), D.O., R.C.O.G., M.C.P.A.  
 Appointed 1963.

## Assistant Pathologist:

RANADHIR BARUA, M.B., B.S. (Calc.), M.D. (Vikram). Appointed 1969.

## Secretary:

THOMAS RAYMOND OSBORN, B.Sc. Appointed 1968.

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**FORMER OFFICERS OF THE UNIVERSITY**
**CHANCELLORS**

SIR RICHARD DAVIES HANSON, Chief Justice of South Australia, 1874-1876.  
 THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide, 1876-1883.  
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D.,  
 Lieutenant-Governor and Chief Justice of South Australia, 1883-1916.  
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,  
 Lieutenant-Governor and Chief Justice of South Australia, 1916-1942.  
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A., 1942-1948.  
 THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D., Lieutenant-Governor  
 and Chief Justice of South Australia, 1948-1961.  
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A., 1961-1966.  
 SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D., 1966-1968.

**DEPUTY CHANCELLORS**

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A. Appointed  
 1958; elected Chancellor 1961.  
 SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D. Appointed 1961; elected  
 Chancellor 1966.

**VICE-CHANCELLORS**

THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide. Appointed 1874;  
 elected Chancellor 1876.  
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief  
 Justice of South Australia. Appointed 1876; elected Chancellor 1883.  
 THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.  
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.  
 JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.  
 WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.  
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,  
 Judge of the Supreme Court. Appointed 1915; elected Chancellor 1916.  
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected Chancellor  
 1942.

THE HONOURABLE SIR HERBERT ANGAS PARSONS, LL.B., Judge of the Supreme Court, 1942-1945.  
 PROFESSOR JOHN McKELLAR STEWART, C.M.G., D.Phil., Deputy Vice-Chancellor, 1943-1945; Vice-Chancellor, 1945-1948.  
 ALBERT PERCIVAL ROWE, C.B.E., B.Sc., LL.D., 1948-1958.  
 SIR HENRY BOLTON BASTEN, C.M.G., M.A., D.Litt., 1958-1967.

#### DEPUTY VICE-CHANCELLORS:

PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc., 1951-1965.  
 EMERITUS PROFESSOR GEOFFREY MALCOLM BADGER, M.Sc., Ph.D., D.Sc., F.A.A.  
 Appointed 1966; appointed Vice-Chancellor 1967.

#### WARDENS OF THE SENATE

WILLIAM GOSSE, M.D., 1877-1880.  
 THE VENERABLE ARCHDEACON FARR, M.A., LL.D., 1880-1882.  
 FREDERIC CHAPPLE, B.A., 1883-1922.  
 THE HONOURABLE MR. JUSTICE THOMAS SLANEY POOLE, M.A., 1922-1927.  
 THE HONOURABLE SIR HERBERT ANGAS PARSONS, LL.B., 1927-1945.  
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A., 1945-1959.  
 ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B., 1960.  
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S., 1960-1968.

#### TREASURER

THE HONOURABLE SIR HENRY AYERS, C.C.M.G., 1874-1886.  
 The finances have since been managed by a Committee on a system prepared by the Treasurer.

#### CHAIRMEN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.  
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1894-1896.  
 THE VICE-CHANCELLOR, 1897-1904.  
 SAMUEL JOSHUA JACOBS, J.P., 1905-1912.  
 SIR GEORGE BROOKMAN, K.B.E., 1913-1926.  
 SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.  
 SIR WILLIAM GEORGE TOOP GOODMAN, M.I.C.E., M.I.E.E., M.I.E. (Aust.), 1936-1959.  
 SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D., 1954-1960.  
 ROBERT ALLEN SIMPSON, B.E., 1961-1965.

#### CHAIRMEN OF THE EDUCATION COMMITTEE

THE CHANCELLOR, 1883-1953.  
 PROFESSOR ERIC AROHA RUDD, A.M. (Harv.), B.Sc., 1954-1955.  
 PROFESSOR PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.), 1956-1957.  
 PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A., 1958-1959.  
 PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Camb.), 1960-1961.  
 PROFESSOR HUGH NORWOOD ROBSON, M.B., Ch.B., F.R.C.P. (Edin.), F.R.A.C.P., 1962-1963.  
 PROFESSOR DENIS OSWALD JORDAN, D.Sc. (Lond.), 1964-1965.  
 PROFESSOR FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (Lond.), 1966-1967.

### FORMER PROFESSORS

#### Agricultural Chemistry:

JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.A.C.I., F.R.S., F.A.A., 1924-1955 (Emeritus, 1956).  
 ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., 1957-1962.

#### Agriculture:

ARNOLD EDWIN VICTOR RICHARDSON, D.Sc. (Melb.), M.A., 1924-1938.

#### Agronomy:

HUGH CHRISTIAN TRUMBLE, D.Sc. Agronomist, 1925-1940. Professor, 1941-1953.

#### Entomology:

JAMES DAVIDSON, D.Sc. (Liv.), F.E.S., 1938-1945.

#### Plant Physiology:

LANCELOT HARRIS MAY, Ph.D., D.I.C. (Lond.), B.Sc., Lecturer, 1950-1954; Senior Lecturer, 1955-1958; Reader, 1959-1963; Professor, 1964-1965.

#### Classics:

REV. HENRY READ, M.A. (Camb.), 1874-1878.  
 DAVID FREDERICK KELLY, M.A. (Camb.), 1878-1894.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1894.  
 EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.), 1895-1905  
 HENRY DARNLEY NAYLOR, M.A. (Camb.), 1907-1927 (Emeritus, 1927).  
 JOHN ALOYSIUS FITZHERBERT, M.C., M.A. (Camb.), 1928-1957 (Emeritus, 1958).

#### Education:

ZOLTAN PAUL DIENES, Ph.D. (Lond.), Dip.Ed. (Leic.). 1964-1965.

- English Language and Literature and Mental and Moral Philosophy:**  
 REV. JOHN DAVIDSON, 1874-1881.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1883-1894.  
 WILLIAM MITCHELL, M.A. (Edin.), 1894-1922 (Emeritus, 1922).
- Mental and Moral Philosophy:**  
 JOHN MCKELLAR STEWART, C.M.G., D.Phil. (Edin.), 1923-1950 (Emeritus, 1950).
- English Language and Literature:**  
 SIR ARCHIBALD THOMAS STRONG, M.A. (Oxford and Liv.), Litt.D. (Melb.), 1922-1930.  
 JOHN INNES MACKINTOSH STEWART, M.A. (Oxford), 1935-1945.  
 CHARLES RISCHEBIETH JURY, M.A. (Oxford), 1946-1949.  
 DAVID NICHOL SMITH, D.Litt. (Camb. and Durham), LL.D. (Glas. and Edin.), F.B.A., 1950-1951.  
 ALEXANDER NORMAN JEFFARES, Ph.D. (Dublin), D.Phil. (Oxford), 1951-1956.
- Modern History and English Language and Literature:**  
 ROBERT LANGTON DOUGLAS, M.A. (Oxford), 1900-1902.
- Modern History:**  
 GEORGE COCKBURN HENDERSON, M.A., 1902-1924 (Emeritus, 1923).  
 WILLIAM KEITH HANCOCK, M.A. (Oxford), 1926-1933.  
 GEORGE FREDERICK ELLIOTT RUDE, M.A. (Camb.), Ph.D. (Lond.), D.Litt., Senior Lecturer, 1960-1963; Professor, 1964-1967.  
 HUGH STRETTON, M.A. (Oxford), 1954-1968.
- Political Science and History:**  
 GARNET VERE PORTUS, M.A., B.Litt. (Oxford), 1934-1950 (Emeritus, 1951).
- Politics:**  
 WALTER GEORGE KEITH DUNCAN, M.A. (Syd.), Ph.D. (Lond.), 1951-1968. (Emeritus, 1969).
- Dental Science:**  
 THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc., Director of Dental Studies, 1949-1953; Professor, 1954-1958 (Emeritus, 1959).
- Commerce:**  
 RUSSELL LLOYD MATHEWS, B.Com. (Melb.). Reader-in-Charge of Commercial Studies, 1953; Professor, 1958-1964.
- Economics:**  
 LESLIE GALFRIED MELVILLE, B.Ec. (Syd.), F.I.A. (Lond.), 1929-1931.  
 EDWARD OWEN GIBLIN SHANN, M.A. (Melb.), 1935.  
 KEITH SYDNEY GEORGE ISLES, B.Com. (Tas.), M.A., M.Sc. (Camb.), 1939-1945.  
 JOHN HEDLEY BRIAN TEW, B.Sc. (Econ.) (Lond.), Ph.D. (Camb.), 1946-1949.  
 PETER HENRY KARMELE, B.A. (Melb.), Ph.D. (Camb.), 1950-1965.  
 HAROLD FRENCH LYDALL, B.A. (S.A.), M.A. (Oxford), 1962-1967.
- Engineering:**  
 SIR ROBERT WILLIAM CHAPMAN, C.M.G., M.A., B.C.E. (Melb.), M.I.E. (Aust.); Lecturer, 1888-1906; Professor of Mathematics and Mechanics, 1910-1919; Professor of Engineering, 1907-1909 and 1920-1937 (Emeritus, 1937).
- Civil Engineering:**  
 ROWLAND CUTHBERT ROBIN, M.E., 1939-1951.
- Mining and Metallurgy:**  
 HERBERT WILLIAM GARTRELL, M.A. (Col.), B.Sc., 1938-1945.
- Mining, Metallurgical and Chemical Engineering:**  
 EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.), F.R.I.C., 1947-1962.
- Law:**  
 WALTER ROSS PHILLIPS, LL.B. (Camb.); Lecturer-in-Charge, 1883-1887.  
 FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.) (Lecturer-in-Charge, 1888-1889), 1890-1896.  
 JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.), 1897-1905.  
 WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin), 1906-1916.  
 COLEMAN PHILIPSON, M.A., LL.D., Litt.D. (Manc.), 1920-1925.  
 ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.  
 RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-57.  
 NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (Lond.), 1958-1961.
- Anatomy:**  
 ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).  
 FREDERIC WOOD JONES, M.B., B.S., D.Sc. (Lond.), F.R.S., 1920-1926.  
 HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.), 1927-1929.  
 HERBERT JOHN WILKINSON, M.D. (Syd.), B.A., 1930-1936.  
 FRANK GOLDBY, M.A., M.D. (Camb.), M.R.C.P. (Lond.), 1937-1944.
- Experimental Medicine:**  
 EDWARD WESTON HURST, M.D., D.Sc. (Birm.), F.R.C.P. (Lond.), 1938-1943.  
 EVERTON ROWE TRETHERWIE, M.D., D.Sc. (Melb.), M.R.A.C.P., 1944-1949.
- Medicine:**  
 HUGH NORWOOD ROBSON, M.B., Ch.B. (Edin.), M.R.C.P., F.R.C.P. (Edin.), F.R.A.C.P. 1953-1965.  
 BASIL STUART HETZEL, M.D., M.R.C.P., F.R.A.C.P., Michell Research Fellow, 1956-1958; Reader, 1958-1963; Michell Professor, 1964-1968.

**Pathology:**

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**Surgery:**

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**Music:**

JOSHUA IVES, Mus. Bac. (Camb.), 1884-1901.  
 JOHN MATTHEW ENNIS, Mus. Doc. (Lond.), 1902-1918.  
 EDWARD HAROLD DAVIES, Mus. Doc., F.R.C.M., 1919-1947.  
 JOHN BISHOP, O.B.E., D.Mus. (Melb.), F.R.C.M., 1948-1964.

**Bacteriology:**

ALBERT EDWARD PLATT, Ph.D. (Camb.), D.T.M., D.T.H. (Syd.), Dip.Bact. (Lond.), M.D., 1938-1941.

**Biochemistry and General Physiology:**

THORBURN BRAILSFORD ROBERTSON, Ph.D. (Cal.), D.Sc., 1919-1930.  
 SIR CHARLES JAMES MARTIN, C.M.G., D.Sc. (Lond.), F.R.C.P., F.R.S., 1931-1933.  
 SIR MARK LEDINGHAM MITCHELL, M.Sc. (Camb.); Lecturer, 1927-1937;  
 Professor, 1938-1962 (Emeritus, 1962).  
 ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., 1968.

**Botany:**

THEODORE GEORGE BENTLEY OSBORN, D.Sc. (Manc.), 1912-1928 (Emeritus, 1962).  
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**Genetics:**

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**Natural Science:**

RALPH TATE, F.G.S., 1875-1901.

**Geology and Palaeontology:**

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**Geology and Mineralogy:**

SIR DOUGLAS MAWSON, O.B.E., B.E. (Syd.), D.Sc., F.R.S.; Lecturer 1905-1920;  
 Professor of Geology and Mineralogy, 1921-1952 (Emeritus, 1953).  
 ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc., F.G.S., 1953-1966  
 (Emeritus, 1966).

**Physiology:**

SIR EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., Sc.D. (Camb.), F.R.C.S. (Eng.), F.R.S.; Lecturer, 1882-1899; Professor, 1900-1919.

**Human Physiology and Pharmacology:**

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**Mathematics and Physics:**

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**Mathematics:**

HORACE LAMB, M.A., LL.D. (Camb.), F.R.S., 1875-1885.  
 JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc., 1920-1944.  
 HAROLD WILLIAM SANDERS, M.A. (Camb.), Lecturer, 1923-1943; Professor,  
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**Chemistry:**

EDWARD HENRY RENNIE, M.A. (Syd.), D.Sc. (Lond. and Melb.), 1884-1927.  
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**Organic Chemistry:**

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**Physics:**

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**Zoology:**

THOMAS HARVEY JOHNSTON, M.A., D.Sc. (Syd.), 1922-1951.

**Adult Education (Director):**

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LECTURERS (*honoris causa*)

**Medicine:**

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**Surgery:**

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**Materia Medica and Therapeutics:**

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**Gynaecology:**

JAMES ALEXANDER GREER HAMILTON, B.A., M.B.

**Obstetrics:**

ALFRED AUSTIN LENDON, M.D.

**FORMER REGISTRARS**

WILLIAM BARLOW, B.A., LL.D., 1874-1882.

JOHN WALTER TYAS, 1882-1892.

CHARLES REYNOLDS HODGE, 1892-1924. Entered the service of the University, 1884.

FREDERICK WILLIAM EARDLEY, B.A., A.I.A.S.A., 1924-1944. Appointed Accountant, 1900;

Assistant Registrar, 1911; Registrar, 1924.

ALBERT WILLIAM BAMPTON, A.I.A.S.A. Accountant, 1924; Acting Registrar, 1945;

Registrar and Accountant, 1947-1950; Registrar, 1951-1954.

**FORMER LIBRARIANS**

ROBERT JOHN MILLER CLUCAS, B.A., 1900-1930.

WILLIAM ALBERT COWAN, M.A. (N.Z.), A.B.L.S. (Mich.), 1933-1964 (Emeritus, 1964).

**HONORARY CLINICAL TEACHERS***Degrees shown are of the University of Adelaide unless otherwise indicated.***Child Health****Clinical Lecturers:**R. N. C. BICKFORD, M.B., B.S., M.R.C.P. (Lond.). *Medicine.*H. G. RISCHBIETH, V.R.D., M.B., B.S., F.R.A.C.P., D.C.H. (R.C.P. & S.).  
*Medicine.*E. B. SIMS, M.D., F.R.A.C.P. *Medicine.***Clinical Instructors:**T. H. BEARE, M.B., B.S., M.R.C.P. (Lond. & Edin.), M.R.A.C.P. *Medicine.*H. M. DOUGLAS, M.B., B.S., M.R.A.C.P. *Medicine.*H. G. EDHOUSE, M.B., B.S. (Melb.). *Psychiatry.*R. MUNRO FORD, M.D., F.A.C.C.P. *Allergy.*B. G. MEYLER, M.B., B.S., D.P.M. (R.C.P. & S.). *Psychiatry.*M. S. RICE, M.B., B.S., M.R.A.C.P. *Medicine.*P. W. VERCO, M.D., M.R.A.C.P., F.F.R., F.C.R.A. *Radiology.*J. G. WILSON, M.B., B.S., M.R.A.C.P. *Medicine.***Clinical Tutors:**T. H. ALLEN, M.B., B.S. *Anaesthetics.*K. CHENEY, M.D. *Haematology.*E. GOLDBLATT, M.B., B.Ch. (Rand), D.C.H. (R.C.P. & S.), M.R.C.P. *Cardiology.*W. T. McCOY, M.B., B.S., F.F.R. (Lond.), M.C.R.A. *Medicine.*I. M. STEVEN, M.B., B.S. *Anaesthetics.***Medicine****Clinical Lecturers:**

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J. M. BONNIN, M.D., F.R.C.P. (Lond.), F.R.A.C.P.

R. A. BURSTON, M.B., B.S., M.R.C.P. (Lond.), F.R.C.P. (Edin.), F.R.A.C.P.

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M. W. MILLER, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P.

R. A. A. PELLEW, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.

R. F. WEST, M.D., F.R.C.P. (Lond.), F.R.A.C.P.

G. F. DONALD, D.D.M. (Syd.), M.D. *Dermatology.*J. V. GORDON, M.D., M.R.C.P. (Lond.), F.R.A.C.P. *Neurology.*P. S. HETZEL, M.Sc. (Med.) (Minn.), M.D., M.R.C.P., M.R.A.C.P. *Cardiology.*A. KERR GRANT, M.B., B.S., M.R.A.C.P. *Gastro-Enterology.*J. R. LAWRENCE, M.B., B.S., M.R.A.C.P. *Renal Unit.*H. W. LINN, D.D.M. (Syd.), M.D. *Dermatology.*J. M. McPHIE, M.D., F.R.A.C.P. *Cardiology.*

**Clinical Instructors:**

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 R. St.J. M. BUTLER, M.B., B.S., M.R.C.P. (Edin.), M.R.A.C.P.  
 I. M. H. CAMENS, M.B., B.S., M.R.A.C.P.  
 D. E. DUNN, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P.  
 G. T. EY, M.B., B.S., M.R.A.C.P.  
 B. A. HIGGINS, M.B., B.S.  
 P. M. LAST, M.B., B.S., M.R.C.P., M.R.A.C.P.  
 R. E. RUSSELL, M.B., B.S., M.R.A.C.P.  
 A. J. WATSON, M.B., B.S., M.R.C.P., M.R.A.C.P.  
 L. L. WILSON, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P.  
 R. J. BURNS, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P. *Neurology.*  
 J. N. BURRY, M.B., Ch.B. (Aberd.), M.R.C.P. (Edin.). *Dermatology.*  
 R. MUNRO FORD, M.D., F.A.C.C.P. *Allergy.*  
 R. HECKER, M.B., B.S. *Gastro-Enterology.*  
 I. G. HISLOP, M.B., B.S., M.R.C.P. (Edin. and Lond.). *Gastro-Enterology.*  
 G. A. HUNTER, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P. *Dermatology.*  
 S. C. MILAZZO, M.B., B.S., M.R.A.C.P. *Rheumatology.*  
 R. H. C. RISCHBIETH, M.B., B.S., M.R.C.P. (Edin. & Lond.), M.R.A.C.P. *Neurology.*  
 J. L. WADDY, B.Sc., M.B., B.S., M.R.A.C.P. *Cardiology.*

**Clinical Tutors:**

R. W. BEAL, M.B., B.S. (Syd.), M.D. *Transfusions.*  
 A. W. BURNELL, M.B., B.S., D.Phys.Med. (R.C.P. & S.). *Physical Medicine.*  
 M. J. R. DREW, M.B., B.S. *Cardiopulmonary Investigational Unit.*  
 J. M. DWYER, O.B.E., E.D., M.B., B.S., M.C.P.A. *Venereal Disease.*  
 J. KIRK, M.B., Ch.B. (Edin.), D.D.M. (Syd.). *Dermatology.*  
 L. J. RICE, M.B., B.S., M.R.C.O.G. *Venereal Disease.*  
 A. C. SAVAGE, M.B., B.S. *Tuberculosis.*  
 R. M. TIPPING, D.D.M. (Syd.), M.B., B.S. *Dermatology.*

**Mental Health****Clinical Lecturer:**

W. A. DIBDEN, D.P.M. (Melb.), M.B., B.S.

**Clinical Instructors:**

H. G. EDHOUSE, M.B., B.S. (Melb.).  
 B. G. MEYLER, M.B., B.S., D.P.M. (R.C.P. & S.).

**Clinical Tutors:**

D. BARKER, D.P.M. (R.C.P. & S.), M.B., B.S.  
 N. C. C. KENT, M.B., Ch.B. (N.Z.), Ph.D. (Camb.).

**Obstetrics and Gynaecology****Clinical Lecturers:**

G. W. E. AITKEN, M.B., B.S., M.R.C.O.G. *Gynaecology.*  
 R. M. C. G. BEARD, M.B., B.S., M.R.C.O.G. *Obstetrics.*  
 G. T. GIBSON, M.B., B.S., F.R.C.O.G. *Obstetrics.*  
 R. M. MACINTOSH, M.B.E., M.B., B.S., M.R.C.O.G. (Lond.), D.G.O. (Melb.),  
 F.R.A.C.S. *Gynaecology.*  
 R. A. THATCHER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), L.D.S., M.R.C.O.G.  
*Obstetrics.*  
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*Obstetrics.*

**Clinical Instructors:**

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 R. N. MUNDAY, M.B., B.S., M.R.C.O.G. *Obstetrics.*  
 L. J. RICE, M.B., B.S., M.R.C.O.G. *Obstetrics.*  
 HEATHER, J. S. ROSS, M.B., B.S. (Syd.), M.R.C.O.G. *Obstetrics.*  
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 MARY E. WALKER, B.Sc., M.B., Ch.B. (St. And.), M.R.C.O.G. *Obstetrics.*  
 R. S. WURM, M.B., B.S., M.R.C.O.G. *Obstetrics.*

**Clinical Tutor:**

M. C. NEWLAND, D.A. (Melb.), M.B., B.S., F.F.A.R.A.C.S. *Anaesthetics.*

**Pathology****Clinical Instructor:**

R. T. W. REID, M.D., M.C.P.A.

## Clinical Tutor:

M. C. FOWLER, M.D., M.C.P.A.

## Surgery

## Clinical Lecturers:

N. J. BONNIN, M.S., F.R.C.S. (Eng.), F.R.A.C.S.  
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 R. HUNTER, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.  
 O. W. LEITCH, M.B., M.S., F.R.A.C.S.  
 J. R. MAGAREY, M.B., M.S., F.R.C.S. (Eng.), F.R.A.C.S.  
 J. P. SAVAGE, M.B., B.S.  
 M. K. SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S.  
 B. F. VENNER, M.S. (Melb.), M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.  
 C. G. WILSON, M.B., B.S., F.R.C.S. (Eng. & Edin.), F.R.A.C.S.  
 J. R. BARBOUR, M.B., M.S., F.R.C.S. (Eng.), F.R.A.C.S. *Orthopaedics.*  
 W. J. BETTS, M.Ch.Orth. (Liv.), M.B., B.S., F.R.A.C.S. *Orthopaedics.*  
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## Clinical Instructors:

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 M. W. BROWN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S., D.L.O. (R.C.P. & S.). *E.N.T.*  
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 C. E. MOORE, D.O. (Lond.), M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Ophthalmology.*  
 M. C. MOORE, D.O. (Syd.), M.B., B.S. *Ophthalmology.*  
 J. B. MURCHLAND, D.O. (Melb.), M.B., B.S. *Ophthalmology.*  
 D. C. PATERSON, M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S. *Orthopaedics.*  
 V. E. REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. & S.). *Anaesthetics.*  
 R. RENTON, M.B., Ch.B. (Edin.), D.O. (R.C.P. & S.). *Ophthalmology.*  
 J. A. B. ROLLAND, M.B., B.S., D.L.O. (Lond.). *E.N.T.*  
 J. M. SAUNDERS, M.B., Ch.B. (N.Z.), D.A. (Melb.), F.F.A.R.A.C.S. *Anaesthetics.*  
 H. R. SCHAEFFER, M.B., B.Ch. (Rand), F.R.C.S., F.R.A.C.S. *Neurosurgery.*  
 D. A. SIMPSON, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Neurosurgery.*  
 J. H. STACE, M.B., B.S., D.A., F.F.A.R.A.C.S. *Anaesthetics.*  
 R. G. WATERHOUSE, M.B., B.S. *Anaesthetics.*  
 R. G. WHITE, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Orthopaedics.*

## Clinical Tutors:

N. D. M. HARVEY, M.B., Ch.B. (N.Z.), D.M.R.T. *Radiotherapy.*  
 W. J. PATTISON, M.B., Ch.B. (N.Z.), F.F.A.R.A.C.S. *Anaesthetics.*  
 J. K. PAVY, M.B., B.S. *Anaesthetics.*

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F.R.C.O.G.  
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- On the Soldiers' Children Education Board:  
HENRY ELLIOTT WESLEY SMITH, B.A., B.Ed., Dip.Ed.
- On the Clean Air Committee:  
PROFESSOR JOHN HENRY CARVER, M.Sc., Ph.D.
- On the Council of St Ann's College:  
LAURA MADELINE ANGEL, M.Sc.  
PROFESSOR GRAHAM HENRY LAWTON, M.A., B.Ed.
- On the Council of Lincoln College:  
VICTOR ALLEN EDGELOE, B.A.  
PROFESSOR NOEL THOMAS FLENTJE, M.Sc., Ph.D.
- On the Council of St. Mark's College:  
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MURRAY JAMES BARRETT, M.D.S., F.A.C.D.S.
- On the Ridley Memorial Trust:  
JAMES MELVILLE, C.M.G., M.Sc., Ph.D.
- On the Union Council:  
ANNIE WINIFRED WALL, M.B., B.S., F.F.A.R.A.C.S.  
PROFESSOR ERIC ALFRED RUSSELL, B.A., B.Com., M.A.
- On the General Committee of the University Sports Association:  
ROBERT CULVER, B.Sc., B.E.  
PROFESSOR RENFREY BURNARD POTTS, B.Sc., D.Phil., D.Sc.
- On the S.A. Advisory Committee to the National Films Board:  
PROFESSOR JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S.  
PROFESSOR WILLIAM ALEXANDER CRAMOND, O.B.E., M.D., D.P.M.
- On the Physiotherapists Board of South Australia:  
MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T., M.C.S.P.
- On the National Trust of South Australia:  
PROFESSOR GEOFFREY MALCOLM BADGER, M.Sc., Ph.D., D.Sc., F.A.A.
- On the South Australian Herbarium Liaison Committee:  
DAVID ERIC SYMON, B.Ag.Sc.  
HUGH BRYAN SPENCER WOMERSLEY, D.Sc.
- On the Aboriginal Affairs Board:  
PROFESSOR ANDREW ARTHUR ABBIE, M.D., D.Sc., Ph.D., F.R.A.C.P.

## BENEFACTIONS BY PRIVATE PERSONS ENDOWMENTS (£1,000 or more)

(Smaller endowments are listed in the financial statements in Part III of the Calendar.)

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and in English and Philosophy.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship and exhibitions in Engineering.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.
- 1884-9: Sir Thomas Elder—£1,500 } in support of a chair in Music.
- 1884-9: Private Subscriptions—£1,150 }
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 } to found a lectureship in Ophthalmic Surgery
- 1916: Public Subscriptions—£325 } in memory of Dr. Chas. Gosse.
- 1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.
- 1890: W. Everard—£1,000 to found a scholarship in Medicine.
- 1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).
- 1897: Sir Thomas Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thomas Elder—£20,000 to endow the school of Music.
- 1897: Sir Thomas Elder—£25,000 for general purposes.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray—£1,000 to found the Tinline Scholarships in History.
- 1908: David Murray—£2,000 to found scholarships.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 1914: Peter Waite—Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, to advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
- 1915: Peter Waite—Estate of Claremont and part of Netherby, comprising 165 acres adjoining Urrbrae.
- 1918: Peter Waite—5,880 Shares in Elder, Smith and Co. Ltd., to provide income to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1916-22: Sir Samuel J. Way—£1,277 for general purposes.
- 1919: Miss E. M. Bunday—£1,236 to found research scholarships in Botany or Forestry.
- 1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University Library.
- 1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
- 1920: The Hon. Sir George Murray—£1,000 for the Building Fund.
- 1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
- 1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property in Victoria Square (subsequently sold for \$210,000) as an endowment for the advancement of medical research.
- 1926: The Hon. Sir Langdon Bonython—£20,000 to endow the chair of Laws.
- 1926: The Hon. Sir Josiah Symon—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco—£5,000 to establish a fund for the publication of results of research in the medical sciences.

- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927-8: T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
- 1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
- 1930-4: The Hon. Sir Langdon Bonython—£52,329 for a Great Hall.
- 1932: Ronald Lindsay Johnson—Land in Waymouth Street (estimated value £12,000) for chemistry laboratories.
- 1933: Mrs. E. Macmeikan—£18,872 for the purposes of the Waite Agricultural Research Institute.
- 1933: Fred Johns—£1,500 to found a scholarship in biography.
- 1935-7: Sir Joseph Verco—£2,165 for the medical school and £2,165 for the dental school.
- 1936: Miss M. T. Murray—£53,000 (approx.) for general purposes.
- 1936: The Hon. Sir George Murray surrendered to the University his life interest in Miss Murray's estate and gave £10,000 for a Men's Union Building.
- 1936: Edward Neale—£29,000 (approx.) for medical research.
- 1936: Mrs. R. F. Mortlock and her son, J. T. Mortlock—£25,000 to establish the Ranson Mortlock Trust for research in soil erosion and the regeneration of pastures.
- 1936: Miss Edith Bonython—£5,000 } towards the building and equipping of an  
 1936: Norman Darling—£5,000 } Institute of Medical Science.  
 1936: Mrs. T. E. Barr Smith—£5,000 }
- 1937: Sir William Mitchell—£20,000 to endow the chair of Biochemistry.
- 1937-55: Sir Thomas G. Wilson—£2,500 to found a travelling scholarship in Obstetrics.
- 1939: F. Lucas Benham—£51,000 (approx.) to encourage the study of natural history.
- 1939-56: Mrs. R. F. Mortlock—£5,086 for cancer research.
- 1939: Mrs. L. E. Bateman—£2,553 for cancer research.
- 1940: Sir William Mitchell—£5,000 as an endowment for the purchase of books for the Barr Smith Library.
- 1940: Mrs. Louisa Gardner—£1,500 to found a scholarship in Surgery in memory of Dr. William Gardner; subsequently increased to £2,042.
- 1941: T. E. Barr Smith—£10,000 as an endowment for the purchase of books for the Barr Smith Library.
- 1941: Miss Mabel Shorney—£1,000 to found a prize in memory of Dr. H. F. Shorney.
- 1942: Hugh Hughes—£36,000 (approx.) for pastoral research.
- 1942: The Hon. Sir George Murray—£86,000 (approx.) for general purposes.
- 1944: Miss Sarah Barrans—£3,000 to found a scholarship for research in geological or metallurgical science, in memory of James Barrans.
- 1944: John Jenkins—£5,000 to found scholarships, preferably in the agricultural, domestic and social sciences (increased to £6,975 in 1958 by the capitalisation of accumulated income).
- 1946: E. F. Hern—£1,157 for cancer research.
- 1947: J. Varley—£1,000 to found a scholarship for Viola at the Elder Conservatorium.
- 1947: The sisters of the late Selborne Moutray Russell—£1,000 to found two scholarships at the Elder Conservatorium.
- 1948: F. W. H. Wheadon—£4,250 for the University Observatory.
- 1948: Private Subscriptions—\$2,964 to establish the Chapman Memorial Scholarship.
- 1949: Clarice V. Crocombe—£3,721 for the purposes of the Anti-Cancer Committee.
- 1949: Robert T. Melrose—£2,291 for the purposes of the Anti-Cancer Committee.
- 1950-68: From the estate of the late W. H. Sandland—\$45,803 for the purposes of the Waite Agricultural Research Institute.
- 1950-68: W. D. Grigg—\$48,666 for the purposes of the Waite Agricultural Research Institute.
- 1950: J. T. Mortlock—the income from "The John Mortlock Medical Bequest" of £20,000 for the purposes of scientific research in the Medical School.



- 1951: Mr. R. C. Baker—£4,245 to found a scholarship in Law in memory of his father, Sir Richard Chaffey Baker, and his brother, Mr. J. R. Baker (increased in 1960 to £5,000 by capitalisation of £755 accumulated income).
- 1951: Mrs. Guli Magarey—£1,000 to support two scholarships in Singing.
- 1951: Mrs. Jessie Francis Raven—£2,450 to establish series of lectures in Philosophy in memory of her father, Gavin David Young.
- 1951: Constance Fraser—Income from Estate to establish the George Fraser Scholarship.
- 1952: £2,845 from Mrs. H. L. Heuzenroeder for the purposes of the Anti-Cancer Committee.
- 1953-58: Mrs. G. Hastings—£50,000 to establish the Gwendolyn Michell Foundation for medical research; and £103,916 further to promote medical research.
- 1953: T. E. Barr Smith, jun.—£13,875 to establish the Barr Smith Travelling Scholarship in Agricultural Science.
- 1953: Mrs. E. C. Hoare—£5,768 for the purposes of the Anti-Cancer Committee.
- 1953: W. Donnithorne—£3,264 to provide help for students in the Faculties of Law and Medicine.
- 1953: Private subscriptions—\$2,309 to establish the Sir Hugh Cairns Memorial Prize.
- 1953: Miss Lily Waite—£10,000 for the Waite Agricultural Research Institute.
- 1954: Emma Jeffress—£6,098 for the purposes of the Anti-Cancer Committee.
- 1954: Mrs. A. L. C. Shorney—£1,000 to endow the Herbert Shorney Memorial Library.
- 1955: Eleanor Kate Barker—£3,000 to found the John Barker Scholarship for medical research.
- 1955: Dr. Ruby C. Davy—£300 to found a prize for the composition of music, and £839 for the general support of music in the University.
- 1955: Mrs. Margaret August—£1,836 for cancer research.
- 1956: The Athol Lykke Memorial Committee—£1,860 to establish the Athol Lykke Award for postgraduate studies in music.
- 1956: Dr. A. J. Schulz—£4,500 for prizes and awards in Education and German.
- 1957: Sewell Myers—£20,000 to establish the Sewell Myers Bequest for research in leukemia.
- 1958: F. Kenneth Milne—£5,000 to found the Kenneth and Hazel Milne Travelling Scholarship in Architecture.
- 1958: Miss A. M. Barnes—£10,429 for the benefit of women undergraduates.
- 1959: George Collin—£20,000 to endow the chair of Economics.
- 1959: Olive Eva Braund—£5,705 for the purposes of the Anti-Cancer Committee.
- 1959: S. McGregor Reid—£23,747 for cancer research.
- 1959: Mrs. S. McGregor Reid—£66,926 for cancer or other medical or surgical research as the University shall think proper.
- 1960: Reginald Walker—£30,456 to establish the Reginald Walker Bequest.
- 1961: Bertha Sudholz—£2,000 for scholarships as the Council may determine.
- 1961: Sir William Goodman—£4,000 to found a scholarship in Electrical Engineering.
- 1961: E. Mills—£2,027 for the purposes of the Anti-Cancer Committee.
- 1961: Mrs. I. Young—£2,249 for the purposes of the Anti-Cancer Committee.
- 1962: Mrs. Dora Holdsworth—£36,209 for medical research.
- 1962: Sir Tom Barr Smith—£10,500 to establish the Lady Barr Smith Memorial Fund for cancer research.
- 1963: H. J. Wilkinson—\$7,500 to endow a prize in Anatomy.
- 1963-65: Private subscriptions—\$2,734 to establish the Sir Ronald Fisher Memorial Fund.
- 1964: Mrs. R. I. M. Boyce—£5,000 to establish the Clive E. Boyce Fund.
- 1964: Mrs. Marjorie Casley Smith and Dr. J. Casley Smith—£1,000 to establish, in memory of the late Roy Frisby Smith, a fund to encourage the study of Company Law.
- 1964-65: Private subscriptions—\$3,946 to establish the John F. Kennedy Memorial Fund.
- 1964-65: Private subscriptions—\$4,310 to establish the R. K. Morton Memorial Fund.
- 1964-65: Private subscriptions—\$3,300 to establish the William Silver Scholarship.
- 1966: Advertiser Newspapers Ltd.—\$10,000 to establish The Advertiser John Bishop Memorial Fund.
- 1966: Mrs. C. M. McGregor—\$20,000 to supplement the Elder Overseas Scholarship.
- 1966: M. I. Hatwell—\$16,490 for the purposes of the Anti-Cancer Foundation.

- 1966: Frances G. McLaughlin—\$40,000 for the purposes of the Anti-Cancer Foundation.  
 1967-68: Mrs. A. E. Lawrence—\$69,870 to establish a postgraduate scholarship in Conservative Dentistry.  
 1967: R. A. James—\$4,666 for the purposes of the Anti-Cancer Foundation.  
 1967: Myrtle Sharpe—\$2,000 for the purposes of the Anti-Cancer Foundation.  
 1968: Miss Hilda Farmer—\$126,795 for the purpose of Medical Research.  
 1968: A. R. Riddle—\$53,190 for the purpose of supporting students in need of financial help.  
 1968: M. A. MacFarlane—\$2,000 for the purposes of the Anti-Cancer Foundation.  
 1968: John H. Forsythe—\$5,756 for Cancer Research.

#### GIFTS (£1,000 or more)

- 1903-7: R. Barr Smith—£1,000 for the purchase of apparatus.  
 1907-12: Anonymous donor—£1,500 for the purposes of the law school.  
 1926: J. T. Mortlock—£2,000 for equipment for the Waite Agricultural Research Institute.  
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.  
 1931: The Hon. Sir George Murray—£2,000 for the general purposes of the University.  
 1937: The Misses L. and E. Waite—£2,000 for the University bridge.  
 1937-60: Professor Sir Mark Mitchell—£13,200 towards the cost of equipment and expenses in the Biochemistry Department.  
 1940-41: Sir Thomas G. Wilson—£1,500 towards the salary of a Director in Obstetrics.  
 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.  
 1948: J. T. Mortlock—£2,000 for investigations into pasture regeneration.  
 1950: J. T. Mortlock: £1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.  
 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.  
 1952: An anonymous donor—£15,000 for the development of Clinical Medicine  
 1952: Mrs. J. T. Mortlock—£10,000 to support the John Mortlock Research Station at Yudnapinna.  
 1952: £1,212 from the South Australian Members of the Institute of Chartered Accountants in Australia, £880 from the Members of the Adelaide Chamber of Commerce (Inc.), £125 from the Commonwealth Institute of Accountants, and £125 from the Federal Institute of Accountants, to support the establishment of a Readership in Commercial Studies.  
 1954: Anonymous donors—£2,500 for equipment in the Department of Geology.  
 1955: James Waite—£1,000 for the purposes of the Waite Agricultural Research Institute.  
 1956: The Bonython Family—£2,350 for an electronic organ, for the Bonython Hall.  
 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.  
 1957: Professor Sir Mark Mitchell—£1,000 towards the cost of furnishing the new Council Room.  
 1957: Anonymous—£2,000 for various purposes.  
 1958-68: An anonymous benefactor—\$305,000 for the Medical School.  
 1959: An anonymous gift of £5,000 for the support of animal research.  
 1964: Miss Dorothy Basey—£3,448 for cancer research.  
 1964: E. H. Coble—£2,703 for cancer research.  
 1964: Miss E. E. Jenkins—£1,000 for cancer research.  
 1964: J. A. Martin—£7,000 for the purchase of the Anti-Cancer Hostel.  
 1964: C.S.I.R.O.—£7,500 towards the cost of the Engineering Annexe.  
 1964: W. D. and H. O. Wills—£20,000 towards the purchase of land at Bedford Park.  
 1967: Brooks Estates Pty. Ltd.—\$5,000 for the purchase of land at Buckland Park.  
 1967: A. Hannaford—\$2,500 towards cost of a Field Laboratory at the Waite Institute.

#### NON-MONETARY GIFTS

- 1956: K. A. Wills—a portrait of Sir Douglas Mawson by Ivor Hele.  
 1957: Miss Eva Waite—family silver for the Waite Institute.  
 1960: Miss Gladys Lloyd Thomas—a Breton violin.  
 1960: Alfred Hill—a Guarnerius violin.  
 1965: Mrs. D. E. Mortlock surrendered to the University her life interest in about 900 acres of land at Martindale.

## GIFTS AND BEQUESTS TO THE UNIVERSITY LIBRARY

- (1) Public Library of South Australia: the medical portion of the Public Library.
- (2) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (3) The Rt. Hon. Sir S. J. Way, Bart.: a library of over 15,000 volumes; and bronze statuettes and silverware.
- (4) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (5) Sir Joseph Verco, Kt.: books for the Medical Library.
- (6) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (7) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (8) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (9) The French Government: 470 volumes selected by the Lecturer in French.
- (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (14) Lord Norman: a copy of the transcript of the argument before the Privy Council in the Banking Case.
- (15) Mrs. E. V. Steele: a valuable collection of about 1,100 volumes of English fiction.
- (16) Miss Gladys Johnson: a facsimile reproduction of the Holkham Picture Bible.
- (17) Professor D. Nichol Smith: about 300 books.
- (18) Carnegie Corporation of New York: a collection of about 350 books designed to portray contemporary American civilization.
- (19) Several benefactors: an offset reproduction of the fourteenth century Codex Manesse, a collection of German "Minnesongs".
- (20) The Netherlands Government: a collection of books in appreciation of Dutch migration to Australia.
- (21) Sir Henry Newland—a collection of rare books.
- (22) Miss L. K. Symon—2,500 volumes including limited editions, association copies, publications of private presses and other rare books.
- (23) Sir Mark Mitchell—the philosophy library of Sir William Mitchell.
- (24) The Italian Government—a valuable collection of about 150 volumes.
- (25) The Canadian Government—about 350 volumes on Canada and Canadian life.

## GIFTS OF £1,000 OR MORE FOR THE STUDENTS' UNION BUILDINGS AND WAR MEMORIAL (1927-1936)

Men's Union Building: Sir George Murray, £10,000.

Lady Symon Building for the Women's Union: Sir Josiah Symon, £9,500.

	£	s.	d.		£	s.	d.
The Chancellor				Hon. Sir Langdon			
(Sir George Murray)	1,000	0	0	Bonython	1,000	0	0
The Vice-Chancellor (Sir				T. E. Barr Smith	1,000	0	0
William Mitchell)	1,000	0	0	Other Donations	9,115	14	5
John Barker	1,000	0	0	Total Donations	£33,615	14	5

## GIFTS OF £1,000 OR MORE, 1955-60

General Motors-				S.A. Associated			
Holden's Ltd. - -	£12,000	0	0	Brewers - - -	2,500	0	0
Adelaide University				Imperial Chemical			
Union Council -	6,000	0	0	Industries of Aus-			
Broken Hill Pty. Ltd.	5,000	0	0	tralia and New			
Advertiser News-				Zealand Ltd. - -	2,000	0	0
papers Ltd. - -	5,000	0	0	Mrs. George Tarlton			
Mrs. J. Alwyn Mudge	5,000	0	0	Wills - - - -	2,000	0	0
Elder, Smith & Co.				Members of the Staff			
Ltd. - - - -	5,000	0	0	of the University			
The Broken Hill As-				of Adelaide - -	1,860	0	0
sociated Smelters				Mr. K. A. Wills - -	1,105	0	0
Pty. Ltd. - - -	3,000	0	0	Australia and New			
The United Licensed				Zealand Bank Ltd.	1,100	0	0
Victuallers' Asso-				The Shell Co. of			
ciation - - - -	2,500	0	0	Australia Ltd. -	1,000	0	0

## GIFTS

Sir Claude Gibb -	1,000	0	0	The Federal Viticultural Council -	1,000	0	0
Vacuum Oil Co. Pty. Ltd. - - - -	1,000	0	0	Ford Motor Co. of Australia - - -	1,000	0	0
Commonwealth Bank of Australia - -	1,000	0	0	National Bank of Australasia Ltd. -	1,000	0	0
S. Kidman & Co. Ltd. - - - -	1,000	0	0	Electrolytic Zinc Co. of Australasia Ltd.	1,000	0	0
British Tube Mills (Australia) Pty. Ltd. - - - -	1,000	0	0	Bank of Adelaide -	1,000	0	0
Chrysler Australia Ltd. - - - -	1,000	0	0		67,065	0	0
H. V. McKay Charitable Trust - - -	1,000	0	0	Other Gifts totalling	36,695	13	1
				As at 31/12/60	-£103,760	13	1

1960: York Theatre—£1,500 for projection equipment.

## TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930 - -	£6,000	0	0	Proceeds of the Lord Mayor's Appeal for Cancer in 1950	£102,794	0	0
Gifts in 1939 - -	£3,350	0	0	Public Appeal in 1962	\$209,382		
Gifts in 1948 - -	£221	0	0	Gifts in 1951-68	\$36,686		
Gifts in 1949 - -	£1,458	0	0				

## TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL OF ARCHITECTURE, 1955-61

Architects Board of S.A. - - - -	£1,750	0	0	S.A. Institute of Architects - - - -	1,000	0	0
Woods, Bagot, Laybourne-Smith and Irwin - - - -	1,250	0	0		7,000	0	0
F. Kenneth Milne, Dawkins, Boehm and Ellis - - - -	1,000	0	0	Other donations of varying amounts under £1,000 - - -	£15,056	12	0
Hassell and McConnell	1,000	0	0				
Harris, Scarfe and Co. Ltd. - - - -	1,000	0	0	Total	£22,056	12	0

## DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR OF MICROBIOLOGY, 1958-63.

South Australian Associated Brewers -	£3,000	0	0	Other gifts, totalling	6,956	11	4
Advertiser Newspapers Ltd. - - - -	1,250	0	0	Total donations as at 31/12/63 - -	£11,206	11	4

## DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR OF GEOPHYSICS, 1968.

Consolidated Goldfields Australia Ltd. - - - -	\$750			Peko Wallsend Investments Ltd. - - - -	750		
Conzinc Rio Tinto of Australia Ltd. - - - -	8,000			Western Mining Corporation Ltd. - - - -	750		
Broken Hill Proprietary Ltd. -	8,000			Broken Hill South Ltd. - - -	2,000		
Electrolytic Zinc Co. of Australasia Ltd. - - - -	1,000			North Broken Hill Ltd. - - -	3,000		
				Total	\$24,250		

## JOINT COLLEGES' APPEAL

In January, 1959, the four residential Colleges affiliated with the University launched a public appeal for funds to enable them to extend their buildings and facilities.

Gifts were paid into a Joint Fund, of which each College received one quarter, or were earmarked for one particular College, as the donor chose.

## A. Gifts paid to the University:

Broken Hill Associated Smelters Pty. Ltd.; North Broken Hill Ltd.; Broken Hill South Ltd.; The Zinc Corporation Ltd.; Consolidated Zinc Pty. Ltd. - - - -	5,000	0	0
Broken Hill Proprietary Co. Ltd. - - - -	2,000	0	0
General Motors-Holden's Ltd. - - - -	2,000	0	0
Advertiser Newspapers Ltd. - - - -	1,000	0	0
British Tube Mills (Aust.) Pty. Ltd. -	1,000	0	0
Professor Sir Mark Mitchell - - - -	1,000	0	0
Vacuum Oil Co. Pty. Ltd. - - - -	1,000	0	0
Other gifts, totalling	11,682	19	1
	<hr/>		
	£24,682	19	1

## B. Gifts paid direct to the Colleges (as at 31/12/60).

<i>St. Mark's</i>			
Gifts totalling - -	£4,374	2	0
<i>St. Ann's</i>			
A. M. Barnes' Estate -	5,000	0	0
Other gifts, totalling -	2,099	12	5
	<hr/>		
	£7,099	12	5
<i>Aquinas</i>			
Adelaide Development			
Co. Ltd. - - - -	2,500	0	0
	<hr/>		
	£2,500	0	0
<i>Lincoln</i>			
Mary E. Seymour - -	1,000	0	0
Thos. G. Seymour - -	1,000	0	0
Other gifts, totalling -	5,820	10	6
	<hr/>		
	£7,820	10	6
	<hr/>		
Total	£46,472	4	0

# STATUTES

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## CONTENTS

### Chapter

- I. Of the Chancellor and Vice-Chancellor.
- Ia. Of the Deputy Chancellor.
- II. Of the Council.
- III. Of the Senate.
- IV. Of the Academic Staff.
- V. Of the Registrar.
- VI. Of Leave of Absence.
- VII. Of the Seal of the University.
- VIII. Of Terms.
- IX. Of Matriculation.
- X. Of the Faculties.
- XI. Of Degrees.
- XII. Of the Board of Discipline.
- XIII. Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.
- XIV. Of The John Howard Clark Prize and the John Howard Clark Scholar.
- XV. Of The Stow Prizes and Scholar.
- XVIa. Of The Everard Scholarship.
- XVII. Of Conduct at Examinations.
- XVIII. Of Academic Dress.
- XIX. Saving Clause and Repeal.
- XX. Of The Roby Fletcher Prize.
- XXII. Of The Hartley Studentship.
- XXIV. Of Non-Matriculated Students.
- XXV. Miscellaneous.
- XXVII. Of Diplomas and their Boards of Studies.
- XXVIII. Of The Joseph Fisher Medal for Commerce and The Joseph Fisher Lecture in Commerce.
- XXIX. Of the Affiliation of Roseworthy Agricultural College.
- XXX. Of The Tinline Scholarship.
- XXXI. Of the David Murray Scholarships.
- XXXII. Infectious Diseases.
- XXXVI. Of the John Creswell Scholarships.
- XXXVII. Of The Alexander Clark Memorial Prize.
- XL. Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.



- XLI. Of the Eugene Alderman Scholarships.
- XLII. Of the A. M. Simpson Library in Aeronautics.
- XLV. Of the Barr Smith Library.
- XLVI. Of The George Thompson Bursary in Commerce.
- XLVII. Of the Elizabeth Jackson Library.
- XLVIII. Of St. Mark's College, Incorporated.
- XLIX. Of the Appointments Board.
- LII. Of The Bonython Prize.
- LV. Of The Fred Johns Scholarship for Biography.
- LVII. Of the Affiliation of the South Australian Institute of Technology.
- LVIII. Of The T. G. Wilson Travelling Scholarship in Obstetrics.
- LIX. Of the R. W. Bennett Prizes and Medal.
- LXI. Of St. Ann's College, Incorporated.
- LXII. Of The Anna Florence Booth Prize.
- LXIII. Of The William Gardner Scholarship.
- LXIV. Of The Shorney Medal and The Shorney Prize.
- LXVI. Of Aquinas College, Incorporated.
- LXVII. Of The Angas Parsons Prize.
- LXVIII. Of The Lucy Josephine Bagot Prize.
- LXIX. Of the Selborne Moutray Russell Scholarships.
- LXX. Of The Varley Scholarship.
- LXXI. Of the Anders and Reimers Scholarships.
- LXXII. Of The Sir Archibald Strong Memorial Prize for Literature.
- LXXIII. Of the J. E. Jenkins Scholarships.
- LXXIV. Of the Gladys Lloyd Thomas Scholarship for Violin.
- LXXV. Of the E. Harold Davies Scholarship for Organ.
- LXXVI. Of the Gavin David Young Lectures in Philosophy.
- LXXVII. Of the Baker Scholarship in Law.
- LXXVIII. Of Lincoln College, Incorporated.
- LXXIX. Of the Frederick Bevan Scholarship for Singing.
- LXXX. Of the Barr Smith Travelling Scholarship in Agriculture.
- LXXXI. Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.
- LXXXII. Of the Lady Barr Smith Memorial Fund for Cancer Research.
- LXXXIV. Of Kathleen Lumley College Incorporated.

### Chapter I.—Of the Chancellor and Vice-Chancellor.

1. The Chancellor shall hold office for five years from the date of his election.

\*2. The Vice-Chancellor shall hold office until the expiry of twelve calendar months from the date of his election or until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor, whichever is the earlier.

\* Allowed 22nd April, 1942. Allowed 4th April, 1912.

### Chapter Ia.—Of the Deputy Chancellor.

1. The Council may from time to time appoint from amongst its members a Deputy Chancellor.

2. Subject to the University of Adelaide Act 1935-1950, at the request of the Chancellor or in his absence it shall be lawful for the Deputy Chancellor to do any act matter or thing which the Chancellor is ordinarily empowered to do.

3. For that purpose the Deputy Chancellor shall be *ex officio* a member of the Board of Discipline and of all Faculties and also of all Boards of Studies and Committees of which the Chancellor is a member.

Allowed 19th March, 1959.

### Chapter II.—Of the Council.

1. The Council shall meet for the dispatch of business at least once a month.

2. The Chancellor or Vice-Chancellor shall have power to call a special meeting for the consideration and dispatch of business, which either may wish to submit to the Council.

3. The Chancellor or Vice-Chancellor, or in their absence the Registrar, shall convene a meeting of the Council upon the written requisition of four members, and such requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.

4. The Council shall have power to make, amend, and repeal Standing Orders for the regulation of its proceedings.

### Chapter III.—Of the Senate.

\*1. The Senate shall meet at the University on the fourth Wednesday in the month of November.

2. The Warden may at any time convene a meeting of the Senate.

\* Allowed 2nd December, 1926.

3. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

4. The Senate shall have power from time to time to make, amend and repeal Standing Orders for the regulation of its proceedings. Until amended or repealed the Standing Orders of the Senate adopted on the 2nd December, 1885, shall remain in force.

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#### Chapter IV.—Of the Academic Staff

1. For the purposes of this Statute the academic staff shall consist of such Professors, Readers, Senior Lecturers, Lecturers, Senior Tutors and Senior Demonstrators as are wholly engaged in the service of the University, and of such other persons as the Council may determine.

2. There shall be such Professors, Readers, Senior Lecturers, Lecturers, Senior Tutors and Senior Demonstrators as the Council may decide.

3. Every member of the academic staff shall hold office under the terms of this Statute and upon such terms of his contract of employment as are not inconsistent with this Statute.

4. Any person who is for the first time appointed a member of the academic staff may if the Council so decides be appointed for a limited period not exceeding three years. Every such person who is thereafter re-appointed as a member of the academic staff and every other member of the academic staff shall, subject to the provisions of Clauses 5 and 9 of this Statute hold office until, and no longer than, the 31st day of December of the year in which he attains the age of 65 years. A member may resign his office by giving six months' notice in writing. Provided always that if a financial emergency shall arise necessitating retrenchment of staff (of which the Council shall be the sole judge) the Council may dispense with the services of any one or more members of the academic staff by giving to each of those members six months' notice in writing.

5. The Council may terminate the appointment of any member of the academic staff who shall have become permanently incapacitated from performing the duties of his office by reason of physical or mental illness. Where a member of the academic staff shall be from illness or any other cause temporarily incapacitated from performing the duties of his office the Council may appoint a substitute or substitutes to act in his stead during such incapacity and the member shall during such time receive such salary as the Council shall direct.

6. No member of the academic staff shall take any outside employment, regular or casual, without the permission of the Council.

7. If any member of the academic staff shall be elected or otherwise become a member of Parliament, he shall forthwith vacate his office.

8. The Heads of Departments shall be responsible to the Council for the proper functioning of their Departments. Other members of the academic staff shall work under the general direction of the Head of their Department, and shall give such lectures, perform such other teaching work, conduct such examinations and perform such administrative duties as the Head of their Department may determine and properly require.

9. Every member of the academic staff shall diligently perform the duties lawfully to be required of him. Should any member have grossly or persistently neglected his duties or have been guilty of serious misconduct in or about the performance of his duties or have been convicted by any Court of any felony or misdemeanour in circumstances which are such as to show serious moral turpitude on his part he may after such inquiries as are hereinafter prescribed be dismissed from his office by the Council.

10. Any complaint of such neglect or misconduct on the part of any member of the academic staff and any report of any such conviction shall be in writing and shall, unless the Vice-Chancellor shall himself make such complaint or report, be made to the Vice-Chancellor. Should the Vice-Chancellor, after such consultations as he deems expedient, decide that any complaint or report should be brought to the attention of the Council he shall, at least seven days before the meeting of the Council at which the complaint or report is first considered, send a copy of the complaint or report to the member concerned and shall inform him in writing that the complaint or report will be considered by the Council on a day stated.

11. The Council shall inquire into any complaint or report placed before it under Clause 10 hereof. The Council may and shall if requested by the member concerned or by any three members of the Council refer the complaint or report to a Commission of Inquiry consisting of not less than five nor more than seven members. Subject to the provisions of Clause 12 hereof, the Commission shall consist of the Chairman and Deputy Chairman of the Education Committee and of such of the Deans and of such other members of the academic staff as the Council shall appoint. Pending the determination of the matter the Council may if it thinks it necessary in the best interests of the University temporarily suspend the member from his office without loss of salary. In a case where the complaint or report is not referred to a Commission of Inquiry the Council shall nevertheless before reaching any decision to dismiss the member concerned consider any written representations submitted by or on behalf of the member and shall if the member so requests grant him an opportunity to appear before and address the Council either in person or by a representative.

12. No person who initiates or makes a complaint or report to the Vice-Chancellor shall be present during any consideration by the Council of that complaint or report or of any report of the Commission of Inquiry thereon. No such person and no person who has been present during any consideration by the Council of a complaint or report shall be a member of the Commission thereon nor shall any member of the Commission of Inquiry be present during any con-

sideration by the Council of the report of the Commission of Inquiry. Where the Vice-Chancellor himself makes the report or complaint he may at his discretion be present at Council meetings relating thereto or to any report thereon.

13. The Council shall make regulations governing the conduct of proceedings in any matter which it shall refer to any Commission of Inquiry established under the provisions of Section 11 of this Statute.

14. The existing Chapter IV is hereby repealed.

Allowed 16th December, 1965.

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*Regulations Made by the Council Under Clause 13 of Chapter IV of the Statutes of the University*

The following regulations shall apply to the proceedings of a Commission of Inquiry upon a complaint or report relating to a member of the academic staff:

1. The Commission shall be entitled to be assisted by a legal practitioner during its formal meetings and may consult a legal practitioner at any time on matters of law.

2. The member concerned shall be entitled to be represented by a legal practitioner or other agent. If a representative is present at meetings of the Commission, he and the member shall obey the directions of the Commission as to manner in which they may respectively participate in the proceedings. In these regulations where the context so permits, the term member shall include such representative.

3. The member shall be furnished with adequate details in writing of the allegations made against him and shall be afforded adequate time to prepare his answers thereto.

4. The member shall be given reasonable notice of the time and place where the Commission will initially meet and if he does not attend either personally or by his representative at such meeting or at any adjournment thereof, the Commission may proceed in his absence.

5. The Commission may receive evidence in such manner as it thinks fit and either orally or in writing, provided that where the evidence is in writing, the member and the Commission shall be entitled to have the author produced for cross-examination if practicable.

6. The member shall be entitled to see all documents submitted by way of evidence and to comment thereon and to submit documents by way of evidence on his own behalf.

7. The member shall be entitled to be present throughout the presentation of the evidence and to cross-examine the witnesses against

him. He shall be entitled to call such witnesses whether as to matters of fact or good character as he may reasonably require; to give evidence on his own behalf; and to address the Commission after all the evidence has been presented.

8. All oral evidence shall be recorded verbatim and a copy thereof supplied to the member if he so requests.

9. No person other than the members of the Commission shall be present during its deliberations after the evidence has been completed except that the Commission may consult a legal practitioner on points of law.

10. The report of the Commission shall be in writing and shall set forth the findings of fact made by the Commission and the course of action recommended by it, which matters shall be based solely upon the evidence taken by the Commission in manner aforesaid.

11. Before the report is presented to the Council, a copy shall be furnished to the member, who, within a reasonable period specified to him when the copy of the report is furnished to him, shall be entitled to submit written representations upon the report, which representations (if any) shall be placed before the Council at the same time as the report.

12. Pending the consideration of the report by the Council, the members of the Commission shall treat the report and all matters relating thereto or contained therein as confidential, to the intent that the Council may be enabled to take action solely upon the basis of the material placed before it for consideration.

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#### Chapter V.—Of the Registrar.

\*1. There shall be a Registrar of the University, who shall perform such duties as the Council may from time to time appoint.

2. The Council may at any time appoint a deputy to act in the place of the Registrar for such period as they may think fit, and assign to him any of the duties of Registrar.

• Allowed 18th September, 1900.

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#### Chapter VI.—Of Leave of Absence.

The Council may grant to any professor, lecturer, officer or servant of the University leave of absence from the duties of his office for such period, for such purpose, and on such conditions as it shall in each case determine.

Allowed 17th January, 1952.

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#### Chapter VII.—Of the Seal of the University.

1. The Chancellor the Deputy Chancellor the Vice-Chancellor the Deputy Vice-Chancellor and the Chairman of the Finance Committee shall be the custodians of the University's Seal.

2. In the case of any certificate for a degree or diploma the Seal may be affixed in the presence of and be attested by the Chancellor or the Vice-Chancellor alone.

3. Any two of the custodians one of whom shall be the Chancellor the Deputy Chancellor or the Chairman of the Finance Committee and the other of whom shall be the Vice-Chancellor or the Deputy Vice-Chancellor may authorise the affixing of the Seal to any document received at the Registrar's office more than seventy-two hours before the next anticipated meeting of the Council, if the said two custodians are satisfied that the sealing of the document is urgently required, that the document is not one which requires the approval of the Governor under Sub-Section (4) of Section 4 of The University of Adelaide Act 1935-1964 and that the document is one the sealing of which the Council is likely to approve. The affixing of the Seal on such authorisation shall be attested by the signatures of the two custodians concerned and of the officer who affixed it; and every such case shall be reported to the Council at its next meeting.

4. In all other cases the Seal shall be affixed to a document only by the authority of the Council and in the presence of one of the custodians and the affixing of the Seal shall be attested by the signatures of such custodian and of the officer who affixes the Seal.

Allowed 9th January, 1969.

#### Chapter VIII.—Of Terms.

1. The Academical Year shall be divided into three terms for all the Faculties.

††2. Except in the clinical years of the medical course, the first term shall begin on the tenth Monday in the year, and shall end on the Saturday preceding the twentieth Monday in the year. Lectures shall begin on the second Monday in term: provided that, with the approval of the Faculty or Faculties concerned, lectures in any subject may begin a week earlier. In the clinical years of the medical course lectures may begin at such stage of the first clinical term as the Faculty of Medicine may from time to time determine.

‡3. The second term shall begin on the twenty-third Monday in the year, and shall end on the Saturday preceding the thirty-second Monday in the year.

4. The third term shall begin on the thirty-fifth Monday in the year, and shall end on the Saturday preceding the fiftieth Monday in the year.

‡5. A candidate shall enrol for his year's work not later than the date prescribed by the Council. An enrolment submitted after that date shall not necessarily be accepted, and if accepted shall incur such late enrolment fee as the Council may prescribe unless there be adequate reason why it had not been submitted by the prescribed date. Application for remission of the late enrolment fee must be made in writing and be addressed to the Registrar.

\*6. Except in cases approved by the Registrar all fees shall be paid at the time of enrolment: except that fees for tuition during the second

‡ Allowed 17th December, 1959.

†† Allowed 22nd December, 1966.

° Allowed 17th January, 1952.

† Allowed 4th April, 1963.



and third terms may be paid during the first fortnight of the respective term.

† A student who elects to pay fees for tuition on a terminal basis but whose fees are not paid before the end of the first fortnight of the respective term shall incur such additional fee as may be prescribed by the Council, unless an extension of time has been approved in advance by the Registrar.

7. The Council shall have power to vary these dates to meet any special circumstances arising in any year.

† Allowed 4th April, 1963.  
Allowed 10th January, 1946.

NOTE: The late enrolment fee prescribed by the Council under Clause 5 is \$15. The additional fee prescribed by the Council under Clause 6 is \$2 for each week or part of week that payment is overdue.

### Chapter IX.—Of Matriculation.

[NOTE: This Statute will come into force from 1st April, 1969. Until 31st March, 1969, the Statute on pages 120-5 will be operative.]

#### GENERAL.

1. To become a matriculated student of the University a candidate shall:

- (a) have satisfied the educational requirements specified below; and
- (b) at an appointed time, in the presence of the Academic Registrar or other duly appointed person, sign the following declaration in the Students' Roll:

'I undertake to obey the Statutes and Regulations of the University of Adelaide and to comply with such rules as may from time to time lawfully have been made by or with the authority of the Council of the University.'

#### THE MATRICULATION EXAMINATION

2. A Matriculation Examination shall be held towards the end of each calendar year. The examination shall be designed, in general scope and standard, for candidates who have completed five years of academic secondary education (following seven years of primary education) in South Australia.

3. (a) The subjects available at the Matriculation Examination shall be:

*Group I:* Ancient History, Classical Greek, Classical Studies, Economics, English, French, Geography, German, Italian, Latin, Modern History, Music, Russian, Spanish and such other subjects as may be approved by the Council on the recommendation of the Joint Matriculation Committee.\*

*Group II:* Biology, Chemistry, Geology, Mathematics I, Mathematics II, Physics and such other subjects as may be approved by the Council on the recommendation of the Joint Matriculation Committee.

\* Japanese has been so approved for 1969.

(b) Candidates' results in each subject shall be classified (not necessarily for publication) in the grades A, B, C, D, E, F and G in descending order of merit.

#### EDUCATIONAL REQUIREMENTS FOR MATRICULATION

4. To fulfil the educational requirements for matriculation a candidate shall:

- (a) present at one Matriculation Examination not less than five subjects which shall include at least one subject from each of Group I and Group II, provided that Ancient History and Classical Studies shall not both be counted; and
- (b) attain in five subjects so presented an aggregate of scaled marks not less than a figure determined from time to time by the Council, provided that if a candidate present more than five subjects the aggregate of marks shall be his highest five scaled marks in subjects which comply with the requirements of section (a) of this Clause.

#### SPECIAL MATRICULATION EXAMINATION

5. A candidate may be permitted by the Joint Matriculation Committee to present himself for a special examination in one or more subjects:

- (a) if he produces evidence satisfactory to the Joint Matriculation Committee that he was prevented by illness from attending or completing the Matriculation Examination in the subject or subjects concerned;
- (b) on such other grounds as may be approved by the Joint Matriculation Committee and for which he has produced such evidence as may be required.

6. Special examinations, when granted, shall be held as soon as practicable after the Matriculation Examination.

7. For the purpose of complying with Clause 4, the results obtained by a candidate at a Matriculation Examination and an immediately ensuing Special Matriculation Examination shall be regarded as having been obtained at the one Matriculation Examination.

#### THE MATRICULATION BOARD

8. There shall be a Matriculation Board consisting of the Vice-Chancellor, the Chairman of the Education Committee, and the Deans of the Faculties.

9. The Board shall have power to advise the Council on all applications under this Statute for status, for provisional matriculation, and for adult matriculation and on such other matters as the Council may refer to it.

#### THE JOINT MATRICULATION COMMITTEE

10. There shall be a Joint Matriculation Committee of The University of Adelaide and The Flinders University of South Australia. The Council of each University shall appoint five members and the Committee shall appoint a Chairman in addition.

11. In addition to its powers under Clauses 3 and 5, the Joint Matriculation Committee shall have power to advise the Councils of the two Universities on any matters related to matriculation referred to it by the Council of either University.

#### STATUS

12. A candidate who submits satisfactory evidence of educational qualifications gained otherwise than at the Matriculation Examination may, on the recommendation of the Matriculation Board, be declared qualified for matriculation or be granted such status towards matriculation as shall be determined in each case.

13. A candidate who under Clause 12 is granted status towards matriculation on account of educational qualifications obtained outside South Australia may be required to satisfy the Matriculation Board that his knowledge of English is sufficient for the purpose of undertaking University studies.

#### PROVISIONAL MATRICULATION

14. On the recommendation of the Matriculation Board and on such conditions as may be determined in each case, a candidate who has not fulfilled the educational requirements for matriculation specified in Clause 4 may be admitted to provisional matriculation for a specified period. Only in exceptional circumstances may such provisional matriculation be renewed.

15. (a) A candidate admitted to provisional matriculation shall comply with section (b) of Clause 1 and shall be deemed during the period of provisional matriculation to be a matriculated student of the University; and his fulfilling the conditions prescribed within the period specified shall *ipso facto* confirm his status as a matriculated student from the date of his signing the Students' Roll.

(b) If a candidate admitted to provisional matriculation fails to comply with the conditions prescribed within the period specified his status as a matriculated student shall thereupon lapse and an entry to that effect shall forthwith be made in the Students' Roll.

#### ADULT MATRICULATION

16. On the recommendation of the Matriculation Board the Council may make such modifications in the provisions of this Statute as it deems fit for a person who has attained the age of twenty-one years or who for a continuous period of at least thirty-three months has ceased to undergo full-time secondary education.

#### OPERATIVE DATE

17. This Statute shall come into force on 1st April, 1969, when the Matriculation Statute in force on 31st March, 1969, shall be repealed.

#### SAVING CLAUSE

18. (a) Notwithstanding the provisions of Clause 1(a), a candidate who before 1st April, 1969, had fulfilled the educational requirements for matriculation under any former Matriculation Statute by passing in appropriate subjects at the matriculation examination prescribed in that Statute shall remain qualified for matriculation.

(b) A candidate who, on or before 31st March, 1969, had partially fulfilled the educational requirements for matriculation under Clause 9(a) of the Matriculation Statute in force on 31st March, 1969, may complete his qualifications for matriculation by attaining at any Matriculation Examination a grade of D or higher in any subject which is available at the Matriculation Examination and would have qualified him for matriculation under the former Statute.

Allowed 9th January, 1969.

FOOTNOTES (which do not form part of the Statute):

1. *Pre-requisite knowledge*

The attention of intending candidates is drawn to the fact that in some first-year subjects at the University a knowledge of certain work at matriculation standard is assumed, as follows:

*Mathematics:* There are two first-year courses in Mathematics, namely, Mathematics IS and Mathematics I. The former assumes a knowledge of Matriculation Mathematics I; the latter a knowledge of Matriculation Mathematics I and II.

Mathematics (Economics) is an optional subject in the course for the degree of Bachelor of Economics. It assumes a knowledge of Matriculation Mathematics I.

*Physics:* The course in Physics I assumes a knowledge of the Matriculation courses in Physics and Mathematics I. Students attempting University Mathematics I, which is a pre-requisite for Physics II, will be assumed to have a knowledge of Matriculation Mathematics II also.

*Chemistry:* The course in Chemistry I assumes a knowledge of Chemistry, Physics and Mathematics I at the Matriculation Examination. Students proceeding to second-year courses in Physical and Inorganic Chemistry will be required to pass also in either University Mathematics IS, which assumes a knowledge of Matriculation Mathematics I, or in University Mathematics I which assumes a knowledge of Matriculation Mathematics I and II. Students who intend to proceed to third-year courses in Organic Chemistry are also advised to take either University Mathematics IS or University Mathematics I.

*Biology, Botany, Geology and Zoology:* It is advisable for every student taking any of these subjects to have a knowledge of Matriculation Mathematics I, Physics and Chemistry.

*Languages:* The courses in English I, French I, German I, Greek I and Latin I assume a knowledge of the course in the corresponding subject at the Matriculation Examination.

*Music:* A candidate who wishes to enrol for a course in Music and who is unable to submit evidence of musical achievement satisfactory to the Faculty of Music may be required to pass in a special entrance examination before being permitted to enrol.

2. *Scaling of marks*

For the purpose of comparing candidates' achievements in different groups of subjects and thus obtaining aggregates to be used, for example, as a basis for University admission and for the award of

Commonwealth Open Entrance University Scholarships, the marks awarded by examiners in each subject\* are scaled. The scaling is carried out in two steps:

- (a) To ensure that the distribution of marks is approximately the same for all subjects, the examiners' marks in each subject are first scaled so that the top score is 100 and the 5th, 25th, 50th and 75th percentiles are allotted scores of 75, 55, 45 and 35 respectively (the scaling being linear within the resulting intervals).
- (b) Since the above process takes no account of possible differences of quality between the groups of candidates taking different subjects, the scores in each subject are now adjusted within the range of 0-100 so that, to a close approximation, the average score of the candidates in each subject is equal to the average score obtained by those candidates in all other subjects taken by them.

\* Subjects with small numbers of candidates are excluded. These are, at present, Geology, Greek, Music and Japanese.

The following Statute will be operative until 31st March, 1969.

#### I. GENERAL

1. A candidate for the degree of Bachelor shall become a Matriculated Student at least nine academic terms before he may be admitted to the degree.

\*2. Except as provided for in Clause 3 hereof, to become a Matriculated Student a candidate shall

- (a) have attained the age of seventeen years;
- (b) have satisfied the educational requirements specified below;
- (c) in the presence of the Registrar or other duly appointed person, sign the following declaration in the Students' Roll:  
"I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the age of seventeen years."

3. In exceptional circumstances and on the recommendation of the Matriculation Board, the Council may admit to matriculation a candidate who has fulfilled the educational requirements specified below and has attained, or will have attained on or before the fifteenth day of March in the year in which he wishes to enter upon his course of study in the University, the age of sixteen years. For a candidate so admitted the declaration relating to age in the Students' Roll shall be appropriately altered.

#### II. THE MATRICULATION EXAMINATION

4. An Annual Matriculation Examination shall be held towards the end of the calendar year and a Supplementary Matriculation Examination in the following February. The examination shall be designed in general scope and standard, for candidates who have completed five years of academic secondary education (following seven years of primary education) in South Australia.

\* Amended 21st December, 1967.

5. No clause.

\*6. (a) The subjects available at the Matriculation Examination shall be:

Group A: English.

Group B: Ancient History, Modern History, Geography, Classical Studies, Greek, Latin, French, German, Italian, Russian, Spanish, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.†

Group C: Mathematics I, Mathematics II, Greek, Latin, French, German, Italian, Russian, Spanish, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.†

Group D: Mathematics I, Mathematics II, Physics, Chemistry, Biology.

Group E: Economics, Geology, Music.

(b) The Matriculation Examination in Music in any year shall be the prescribed Public Examination in Music held in the same calendar year.

(c) Candidates' results in each subject shall be classified (not necessarily for publication) in the following grades:

Passing grades: A, B, C and D.

Failing grades: E, F and G.

### III. EDUCATIONAL REQUIREMENTS FOR MATRICULATION

7. (a) To fulfil the educational requirements for matriculation a candidate shall, subject to the provisions of Clauses 8, 9, 10 and 11 hereof:

- (i) pass at one Annual Examination in at least five subjects;
- (ii) *either* pass in English *or* satisfy the examiners in English of his ability to use the English language as an instrument of expression; and
- (iii) pass in at least one subject from each of Groups B, C and D.

The qualification in English obtained by a candidate who has satisfied the examiners in English of his ability to use the language as an instrument of expression shall be designated EgQ, and shall not count as a subject.

(b) The attention of intending candidates is drawn to the fact that, although such requirements do not form part of the general requirements for matriculation, in some first-year subjects at the University either a pass in the corresponding subject at Matriculation standard is prescribed for admission to the class or a knowledge of the subject at Matriculation standard is assumed.

\*8. For the purpose of complying with Clause 7 hereof:

- (a) no subject shall be counted twice;
- (b) Classical Studies and Ancient History shall not both be counted;
- (c) not more than two languages other than English shall be counted;

† Japanese was so approved, under this Statute, for 1968.

\* Amended 21st December, 1967.

(d) Mathematics I and Mathematics II shall not be counted in separate groups.

9. (a) A candidate who at an Annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of Clauses 7 and 8 hereof and passes in four or more subjects may present himself at any subsequent Matriculation Examination or Examinations, Annual or Supplementary, for such subject or subjects as may be necessary to complete the requirements for matriculation.

(b) A candidate who at an Annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of Clauses 7 and 8 hereof, passes at grade C or higher in each of three subjects and obtains grade E in each of two other subjects may present himself at the following Supplementary Matriculation Examination for such subjects as may be necessary to complete the requirements for matriculation. If he does not complete the requirements for matriculation at such Supplementary Examination he shall lose credit for those subjects in which he has passed and shall not be credited with a pass in any subject for the purpose of matriculation.

10. The qualification designated EgQ will be awarded only if it will complete a candidate's educational requirements for matriculation. It may be awarded on a candidate's performance at either an Annual or, subject to the provisions of Clause 11 hereof, a Supplementary Matriculation Examination.

#### IV. ADMISSION TO SUPPLEMENTARY EXAMINATION

11. A candidate may present himself for a subject or subjects at a Supplementary Matriculation Examination only if—

- (a) by passing in the subject or subjects concerned he may under Clause 9 hereof qualify for matriculation; or
- (b) he has been prevented by illness (which shall be certified to the satisfaction of the University) from sitting for the subject or subjects concerned at the preceding Annual Matriculation Examination; or
- (c) a pass in the subject or subjects concerned is pre-requisite for admission to a course or subject in the University for which he intends to enrol in that year as a Matriculated Student; or
- (d) he is granted, on grounds approved by the Council, special permission to do so.

#### V. FEES

12. No clause.

#### VI. THE MATRICULATION BOARD

†13. There shall be a Matriculation Board consisting of the Vice-Chancellor, the Chairman of the Education Committee, and the Deans of the Faculties.

14. The Board shall advise the Council on all applications under this Statute for status, for Provisional Matriculation, and for Adult Matriculation and on such other matters as the Council may refer to it.

†Amended 28th January, 1965, and 21st December, 1967.



## VII. PROVISIONAL MATRICULATION

15. On the recommendation of the Matriculation Board, and on such conditions as may be determined in each case, a candidate who has attained the age of seventeen years but has not completely fulfilled the educational requirements for matriculation specified in Clauses 7 and 8 hereof may be admitted to provisional matriculation for a specified period. Only in exceptional circumstances may such provisional matriculation be renewed, on the expiration of the specified period, for a further specified period.

16. (a) A candidate admitted to provisional matriculation shall comply with section (c) of Clause 2 hereof and shall be deemed during the period of provisional matriculation to be a Matriculated Student of the University; and his fulfilling the conditions prescribed within the period or periods specified shall *ipso facto* confirm his status as a Matriculated Student from the date of his signing the Students' Roll.

(b) If a candidate admitted to provisional matriculation fails to comply with the conditions prescribed within the period or periods specified his matriculation shall thereupon lapse, an entry to that effect shall forthwith be made in the Students' Roll, and he shall thereafter be a non-matriculated student under Chapter XXIV of the University Statutes.

## VIII. ADULT MATRICULATION

17. On the recommendation of the Matriculation Board the Council may make such modifications in the provisions of this Statute as it deems fit for a person who has attained the age of twenty-one years or who for a continuous period of at least thirty-three months has ceased to undergo full-time secondary education. The modifications (if any) to be made and the conditions to be fulfilled shall be determined in each case.

## IX. MISCELLANEOUS

18. A matriculated student of another University or a candidate who has passed equivalent examinations recognised as such by the Council shall on the recommendation of the Matriculation Board be granted such status under this Statute as may be determined in each case.

\*19. A person accepted by the University as a candidate for a degree of Master or Doctor (other than a degree *ad eundem gradum*) who is not a graduate of the University shall comply with section (c) of Clause 2 hereof before beginning his course of study for the degree.

20. Subject to the Statutes and Regulations of the University a candidate for the degree of Bachelor who has become a matriculated student of the University shall be entitled to proceed with his course of study in the Faculty selected by him.

21. The Council, having regard to the accommodation and facilities available for teaching, may impose a limit upon the number of students to be admitted in any year to any class or course of study in any Faculty or Board of Studies. If the number of students seeking

\* Amended 21st December, 1967.

admission to any such class or course is greater than the limit fixed by the Council, the students to be admitted to the class or course in that year shall be selected by such method as the Council shall from time to time determine.

22. A candidate who on or before March 31, 1966, had partially fulfilled the educational requirements for matriculation under the Statute hereby repealed may complete his qualifications for matriculation by passing on or before March 31, 1968, at any Annual or Supplementary Matriculation Examination or Examinations, in such additional subject or subjects as are available at the Matriculation Examination and would have qualified him for matriculation under the Statute hereby repealed.

Allowed 4th April, 1963.

#### FOOTNOTES

[The following footnotes, not part of the Statute, were operative only until 31st March, 1969. They are printed here, in edited form, in explanation of some of the details of the Statute now (April, 1969) superseded.]

1. *The qualification EgQ*: An EgQ was awarded to a candidate who, having otherwise fulfilled the educational requirements for matriculation, had satisfied the examiners in English of his ability to use the English language as an instrument of expression. In deciding whether a candidate qualified for EgQ, the examiners could take into consideration the quality of expression and comprehension (*not* knowledge of literature) in Paper II (Study of Texts) as well as Paper I (Composition and English usage; reading and comprehension).

2. *Geography as a Group B subject*: Candidates intending to enrol in the University for Science, Agricultural Science, Engineering, Medicine, Dentistry, Technology, Pharmacy or Physiotherapy were advised not to choose Geography as their *sole* subject from Group B.

3. For the purpose of comparing candidates' achievements in different groups of subjects and thus obtaining aggregates to be used, for example, as a basis for University admission and for the award of Commonwealth Open Entrance University Scholarships, the marks awarded by examiners in each subject\* were scaled. The scaling was carried out in two steps:

(i) To ensure that the distribution of marks was approximately the same for all subjects, the examiners' marks in each subject were first scaled so that the top score was 100 and the 5th, 25th, 50th and 75th percentiles were allotted scores of 75, 55, 45 and 35 respectively (the scaling being linear within the resulting intervals).

(ii) Since the foregoing process took no account of possible differences of quality between the groups of candidates taking different subjects, the scores in each group were then adjusted within the range of 0-100 so that, to a close approximation, the average score of the candidates in each subject was equal to the average score obtained by those candidates in all other subjects taken by them.

4. The following method was used to determine grades of results in accordance with Clause 6(c). Of the candidates who *passed*, the

\* Subjects with small numbers of candidates, Greek, Music and Japanese, were excluded.

top 10% received grade A, the next 25% grade B, the next 45% grade C, and the remaining 20% grade D. Of the candidates who *failed*, the top 30% received grade E, the next 50% grade F, and the remaining 20% grade G.

It should be noted that the stated percentage could not in general be achieved exactly, since a number of candidates at about the calculated division between two grades might have obtained the same mark, and had accordingly to be awarded the same grade.

### Chapter X.—Of the Faculties

\*1. There shall be Faculties of Arts, Science, Law, Medicine, Music Engineering, Dentistry, Agricultural Science, Economics, Technology and Applied Science, and Architecture and Town Planning.

#### ARTS.

2. The Faculty of Arts shall consist of:

- †(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Dean of the Faculty of Science; the Bonython Professor of Laws; the Elder Professor of Music; the Professor of Computing Science; the Director of Education; the Principal of the Adelaide Teachers' College.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

#### SCIENCE.

3. The Faculty of Science shall consist of:

- ‡(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Professor of Computing Science; the Director of the Mawson Institute for Antarctic Research; the Deans of the Faculties of Arts, Agricultural Science, Engineering, Medicine and Dentistry.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such

\* Allowed 12th December, 1963.

† Amended 28th January, 1965.

‡ Amended 28th January, 1965 and 16th December, 1965.

other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

#### LAW.

†4. The Faculty of Law shall consist of:

- (a) *Ex officio members*: The Chancellor, the Vice-Chancellor; their Honours the Judges of the Supreme Court; the Chairman of the Education Committee; all full-time members of the Department of Law of the status of lecturer or above; the part-time lecturers in the legal subjects in the curriculum for the degree of Bachelor of Laws or for the Final Certificate in Law or in a postgraduate subject offered by the Faculty; the lecturers or part-time lecturers in the Commercial Law subjects of the course for the degree of Bachelor of Economics; the Dean of the Faculty of Arts; the Hughes Professor of Classics; the Professor of Commerce; the President of the Law Society of South Australia Incorporated.
- (b) *Appointed members*: (i) Such other persons, whether members of the academic staff of the University or not, but not exceeding eight in number, as the Faculty may recommend and the Council approve; and (ii) such other persons, not exceeding three in number, as the Council may appoint.

#### MEDICINE.

\*5. The Faculty of Medicine shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Botany and Zoology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Heads of the Departments of Anatomy and Histology, Biochemistry, Physiology, Microbiology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology, Child Health and Mental Health and all Professors, Readers, Senior Lecturers and Lecturers in those Departments who are engaged in the teaching of medical students; the part-time lecturer in Public Health and Preventive Medicine; the Director-General of Medical Services; the Director of the Institute of Medical and Veterinary Science.
- §(b) *Appointed members*: (i) Not more than twenty-five clinical lecturers or clinical instructors, as the Faculty may recommend and the Council approve; (ii) Such other persons, not exceeding three in number, as the Faculty may recommend and the Council approve; and (iii) Such other persons, not exceeding three in number, as the Council may appoint.

† Allowed 16th March, 1961, and amended 28th January, 1965.

\* Allowed 4th October, 1962, and amended 12th December, 1963.

§ Amended 4th November, 1965.

## MUSIC.

- †6. The Faculty of Music shall consist of:
- (a) *Ex officio members*: The Chancellor The Vice-Chancellor; the Chairman of the Education Committee; the Elder Professor of Music; the Readers, Senior Lecturers and Lecturers in Music; the Dean of the Faculty of Arts; the Lecturer in charge of Music at a Teachers' College nominated by the Director of Education.
  - (b) *Appointed members*: (i) Such persons, including teachers of principal subjects in the Elder Conservatorium of Music and not exceeding ten in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council may appoint.

## ENGINEERING.

7. The Faculty of Engineering shall consist of:
- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining, Metallurgical and Chemical Engineering,‡ and Architecture; the Heads of the Departments of Mathematics, Physics, Physical and Inorganic Chemistry, Geology and Economic Geology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the President and the Director of the South Australian Institute of Technology.
  - (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding five in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons not exceeding two in number as the Council may appoint.

‡ NOTE: From January 1, 1963, the Department of Mining, Metallurgical and Chemical Engineering was converted into a Department of Chemical Engineering.

## DENTISTRY.

8. The Faculty of Dentistry shall consist of:
- \* (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Professor of Dental Science; the Heads of the Departments of Prosthetic Dentistry, Conservative Dentistry and Dental Surgery and Pathology; the full-time and part-time lecturers in the specifically dental subjects of the curriculum for the degree of Bachelor of Dental Surgery; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Zoology, Anatomy and Histology, Biochemistry, Physiology, Bacteriology§ and Pathology, provided that the

† Amended 28th January, 1965 and 21st December, 1967.

\* Amended 28th July, 1959.

§ In 1959 the name of the Department was changed from Bacteriology to Microbiology.

Head of any of these Departments may nominate a deputy to serve in his stead; the Professor of Medicine; the Director-General of Medical Services; the Chairman of the Dental Board of South Australia.

- (b) *Appointed members*: (i) Such other members of the teaching staff of the Dental School, not exceeding three in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council on the recommendation of the Faculty may appoint; and (iii) such other persons not exceeding two in number as the Council may appoint.

#### AGRICULTURAL SCIENCE.

9. The Faculty of Agricultural Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Director of the Waite Agricultural Research Institute; the Heads of Departments at the Waite Agricultural Research Institute; the Heads of such other University Departments as are engaged in teaching in the Faculty of Agricultural Science, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the Principal of Roseworthy Agricultural College.
- (b) *Appointed members*: (i) Not more than two members of the staff of Roseworthy Agricultural College, nominated by the Principal and approved by the Faculty and the Council; (ii) not more than two members of the staff of the South Australian Department of Agriculture, nominated by the Director of the Department and approved by the Faculty and the Council; (iii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iv) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (v) such other persons not exceeding two in number as the Council may appoint.

#### ECONOMICS.

\*10. The Faculty of Economics shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the Bonython Professor of Law; all full-time members of the Departments of Economics and of Commerce; the Heads of the Departments of History, Politics, Geography and Statistics;
- (b) *Appointed members*: (i) Two members of the part-time teaching staff of the Department of Commerce nominated by the Head of the Department and approved by the Faculty and the Council; (ii) one member from each of the Departments of History, Politics, and Geography nominated by the Head of the Department concerned and approved by the

\* Amended 21st December, 1967.

Faculty and the Council; (iii) such other persons not exceeding six in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

#### TECHNOLOGY AND APPLIED SCIENCE.

\*\*11. (1) The Faculty of Technology and Applied Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee of the University; the President, the Vice-President and the Director of the South Australian Institute of Technology; the President of the Pharmaceutical Society of South Australia, and the President of the Pharmacy Board of South Australia.
- (b) *Appointed members*: (i) Twelve members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) twelve members appointed by the Council of the South Australian Institute of Technology.

†(2) Any member of the Faculty, whether *ex officio* or appointed, may nominate a deputy to serve in his stead on any or every occasion as he shall decide.

†(3) The Faculty shall elect annually a Dean in accordance with the provision of Clause 15, and shall also elect annually an Associate Dean. If the Dean be a member from the South Australian Institute of Technology the Associate Dean shall be elected from amongst the University members of the Faculty; and *vice versa*. Notwithstanding the provision of Clause 18, if the Dean be absent from a meeting but the Associate Dean be present, the Associate Dean shall preside; if both the Dean and the Associate Dean be absent the provision of Clause 18 shall operate.

#### ARCHITECTURE AND TOWN PLANNING.

11A. The Faculty of Architecture and Town Planning shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Deans of the Faculties of Arts, Science and Engineering; the Professors of Architecture and Civil Engineering; the Head of the Department of Mathematics; all full-time members of the Department of Architecture of the status of lecturer or above.
- †(b) *Appointed members*: (i) Such persons, not exceeding six in number, as the Faculty may recommend and the Council approve; (ii) such other persons, being members of the Council and not exceeding two in number, as the Council may appoint.

#### GENERAL.

12. Appointed members of a Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment.

\*\* Allowed 12th December, 1963.

† Amended 4th April, 1963.

13. Whenever a Faculty has an assistant to the Dean, such Assistant shall be a member of the Faculty but shall not count as a member of a Department for the purpose of limitation of the number of members of a Department who may be members of the Faculty.

14. Each Faculty shall advise the Council on all questions touching the studies, lectures and examinations in the course of the Faculty.

15. Each Faculty shall annually elect one of their number to be Dean of the Faculty.

16. The Dean of each Faculty shall perform such duties as may from time to time be prescribed by the Council and (amongst others) the following:

- (a) At his own discretion, or on the written request of the Chancellor or the Vice-Chancellor or of two members of the Faculty, he shall convene meetings of the Faculty.
- (b) He shall preside at all meetings of the Faculty at which he shall be present.
- (c) Subject to the control of the Faculty he shall exercise a general superintendence over the Faculty's administrative business.

17. If the Dean be not available or be unable to act the Vice-Chancellor or the Chairman of the Education Committee may convene a meeting of the Faculty or in the case of emergency arrange for some other member of the Faculty to act for the Dean.

18. When the Dean is absent from a meeting, the Faculty shall elect a Chairman for that occasion.

#### SUB-FACULTIES.

19. (a) The Faculties of Arts, Science and Engineering may each appoint a sub-Faculty, which shall consist of the Dean of the Faculty, and such Readers, Senior Lecturers and Lecturers in subjects of the curriculum of the Faculty as the Faculty may from time to time appoint.

(b) If the Dean of the Faculty does not wish to act as Chairman of the sub-Faculty, the Faculty shall annually appoint the Chairman.

(c) It shall be the duty of the sub-Faculty to perform such work as the Faculty may from time to time refer to it.

#### BOARD OF EXAMINERS.

20. The Board of Examiners in the subjects of the course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such examiners as may be appointed by the Council.

21. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by their Honours the Judges of the Supreme Court.

Allowed 20th December, 1956.

#### Chapter XI.—Of Degrees.

1. Candidates who shall have fulfilled all the conditions prescribed by the Statutes and Regulations for any Degree shall be admitted to that Degree as hereinafter provided.





Form of Presentation for Graduates of Other Universities.  
Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council  
and Senate of the University of Adelaide.

I present to you                      who has been admitted to the Degree  
of                      in the University of                      as a fit and  
proper person to be admitted to the rank and privileges of that degree  
in the University of Adelaide.

Form of Admission to any Degree.

By virtue of the authority committed to me, I admit you  
to the rank and privileges of a                      in the University of  
Adelaide.

Form of Admission to any Degree during the Absence of a Candidate.

By virtue of the authority committed to me, I admit in his absence  
to the rank and privileges of a                      in his absence  
in the University of Adelaide.

Allowed 2nd December, 1926.

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### Chapter XII.—Of the Board of Discipline.

\*1. There shall be a Board of Discipline, consisting of the Chan-  
cellor, the Vice-Chancellor, the Deans of the several Faculties, and  
such Professors or Lecturers as may be appointed by the Council.

2. The Board shall annually elect a Chairman. When the Chairman  
is absent from a meeting, the Board shall elect a Chairman for that  
occasion.

3. The Chairman shall perform such duties as shall from time to  
time be prescribed by the Council, and (amongst others) the fol-  
lowing:

He shall at his own discretion, or upon the written request of the  
Chancellor or Vice-Chancellor, or of two members of the  
Board, convene meetings of the Board.

He shall preside at the meetings of the Board.

Subject to the control of the Board, he shall exercise a general  
control over the discipline of the University.

4. Subject to the approval of the Council, the Board may make  
rules for the conduct of students of the University.

5. It shall be the duty of the Board to inquire into any complaint  
against a student, and the Board shall have power

(a) to dismiss such complaint;

(b) to take action in one or more of the following ways—

(i) by admonishing the student complained against;

(ii) by inflicting a fine on such student not exceeding five  
pounds (\$10);

\* Amended 22nd January, 1953, 28th January, 1965, and 21st December, 1967.

- (iii) by administering a reprimand either in private or in the presence of any class attended by such student;
  - (iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;
  - (v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;
- (c) to expel such student from the University.

Every such decision of the Board shall be reported to the Council, who may reverse, vary, or confirm the same.

6. Any Professor or Lecturer may dismiss from his class any student whom he considers guilty of impropriety, but shall on the same day report his action and the ground of his complaint to the Chairman.

Allowed 2nd December, 1926.

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### Chapter XIII.—Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.

Whereas on the 4th day of January, 1878, the Honourable John Howard Angas, M.L.C., paid the sum of £4,000 to the University for the purpose of permanently founding (with the income thereof and the annual grant payable in respect thereof under the Fifteenth Section of the Adelaide University Act), the Angas Engineering Scholarship and the Angas Engineering Exhibitions, to encourage the training of scientific men, and especially Engineers, with a view to their settlement in South Australia: Now it is hereby provided as follows:

#### A. The Angas Engineering Scholarship.

‡1. There shall be a scholarship called The Angas Engineering Scholarship of the value of £400 (\$800), with an additional allowance of £100 (\$200) for travelling expenses.

‡1A. The tenure of the scholarship shall normally be for two years, but if the scholar wishes to follow an approved course of study or research work at a University the Council may allow the whole value of the scholarship to be paid to the scholar in a shorter period than two years.

2. Each candidate for the scholarship must be under twenty-five years of age on the first day of the month in which he shall compete for it, and must have resided in South Australia for at least five years. He shall produce such evidence of good health as shall be satisfactory to the Council.

3. Candidates for the scholarship must have graduated in Arts or Science, or have passed all the examinations necessary for graduating in Engineering at the University of Adelaide.

‡ Allowed 23rd January, 1947.

4. The scholarship shall be competed for biennially, in the month of June. If on any competition the examiners shall not consider any candidate worthy to receive it, the scholarship shall for that year lapse, but shall be again competed for in the month of June next ensuing.

5. The scholarship shall be awarded by the examiners on a comparison of the academic records of the candidates, and also on the merits of an original thesis, design, or investigation, as set forth in the next paragraph.

‡ Each candidate for the scholarship must send in to the examiners, on or before 1st June of the year in which the competition is held, either an original engineering thesis or design, or a paper setting forth the results of an original scientific investigation made by the candidate in some subject allied to engineering. The subject of the thesis, design, or investigation, must have been submitted at least two months previously to the Faculty of Engineering, and approved by it. Each candidate must adduce, if required, sufficient evidence of the authenticity of his thesis, design, or investigation. He may, if the examiners think fit, be required to pass an examination in that branch of the work from which the subject of his thesis, design, or investigation, is taken.

‡ Either the original or an approved copy of each thesis, design, or report of an investigation submitted by a successful candidate for the scholarship shall be deposited by the scholar in the University library before payment of any portion of the scholarship is made.

6. Within such time after gaining the scholarship as the Council shall in each case allow, the scholar shall proceed to the United Kingdom and there spend the whole of the time during which the scholarship is tenable in gaining engineering knowledge and experience in such a manner as may be approved by the Council; provided that the scholar may by special permission of the Council spend the whole or part of his time in study or practical training outside the United Kingdom.

7. The allowance for travelling expenses shall be paid to the scholar upon approval of his proposed date of departure. Payment of the balance of the scholarship shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering studies, according to the course proposed to be followed by the scholar.

8. Whenever such evidence is not satisfactory, the Council may altogether withhold, or may suspend for such time as it may deem proper, payment of the whole or of such portion as it may think fit of any moneys due, or to accrue due, to the scholar on account of the scholarship, or may deprive him of his scholarship.

9. Should any successful candidate not retain the scholarship for the full period of two years, notice of the vacancy shall be published by the Council in the Adelaide daily papers, and an examination shall be held in the month of June next ensuing.

† Allowed 6th December, 1922, and amended 15th December, 1937.

‡ Allowed 30th November, 1933.

**B. The Angas Engineering Exhibitions.\***

10. There shall be four Angas Engineering Exhibitions, of which one may be awarded each year. Each exhibition shall be of the annual value of Fifteen Pounds, and be tenable for four years.

†11. (a) One Angas Engineering Exhibition shall be offered for competition in the month of November or December of each year, and shall be awarded on the results of candidates at the Matriculation Examination in such subjects as may be prescribed by the Council from time to time; but no award shall be made unless there is a candidate of sufficient merit.

(b) A candidate for an exhibition shall enter for it on a form to be obtained from the Registrar, not later than the first day of October in the year of competition.

†(c) A candidate who fails to enter by the prescribed date may be permitted to do so later on payment of a fee of 5/- (50c), provided that no entry shall be accepted later than seven days before the first day of the Matriculation Examination.

12. A candidate shall not be more than eighteen years of age on the 31st December in the year in which the examination is held, and, before being awarded an exhibition, shall have fulfilled the requirements for matriculation in the Faculty in which he desires to enrol.

13. (a) Each exhibitor shall, within such time as may be approved in each case, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide, and shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science.

(b) At the time of enrolment each year the exhibitor shall submit his proposed course of study for approval by the appropriate officer of the Faculty concerned; and he shall not undertake, either in the University or elsewhere, studies not so approved.

(c) The exhibition shall be forfeited if the holder fail to make satisfactory progress in any year, unless such failure shall, in the opinion of the Council, have been caused by ill-health or other unavoidable cause. The decision of the Council as to such forfeiture shall be final.

14. Payment of an exhibition shall be made in three equal instalments, one at the beginning of each academic term, but payment shall not be made to any exhibitor whose conduct and diligence as a student throughout the preceding term have not been satisfactory to the Council. The decision of the Council on any such question shall be final.

15. Except by permission of the Council, an exhibitor shall not hold concurrently with his exhibition any other exhibition, bursary, or scholarship.

\* Allowed 25th August, 1955.

† Allowed 22nd December, 1966.

**C. General.**

16. The sum of £4,000, paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the fifteenth section of the Adelaide University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said scholarship and exhibitions, and so much of such income as in any year shall not be so applied shall be at the disposal of the Council for the purposes of the University.

17. These Statutes may be varied from time to time, but the title and general purpose of the scholarship and exhibitions shall not be changed.

Allowed 6th December, 1922.

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**Chapter XIV.—Of The John Howard Clark Prize and the John Howard Clark Scholar.**

Whereas the University of Adelaide has received and has invested the sum of £500 for the purpose of perpetuating the name of John Howard Clark: And whereas it was agreed with the donors that the word "income" in these Statutes should include not only the interest to accrue from the said sum, but grants to be received from the Government in respect thereof:

It is hereby provided that:

1. There shall be an annual prize, to be called The John Howard Clark Prize, which shall consist of one-half the annual income of the fund received by the University as aforesaid.

2. The prize shall be awarded to the candidate for the Honours Degree of Bachelor of Arts who shall have been placed highest in the final examination in the school of English Language and Literature, and shall be judged by the examiners to have reached a sufficient standard.

3. If more than one candidate shall be considered by the examiners to have attained a standard worthy of the prize, the name of the second in order of merit shall be reported to the Council.

4. If the examiners shall consider no candidate worthy of the prize, they shall so report, and no award shall be made for that year; but there shall not, by reason of that lapse, be more than one prizeman in the following year.

\*5. The prizeman will be required to proceed to the degree of Master of Arts by submission of a satisfactory thesis on a subject connected with the English language or with English literature and approved by the Faculty of Arts. The subject must be submitted for approval by the Faculty not later than the first day of April following the award; and the thesis must be submitted not later than the last

\* Allowed 3rd January, 1935.

day for submitting M.A. theses in the second year following that of the award, or such extended time as the Council in special circumstances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

6. The prizeman may at any time during the year following the original award be called upon by the Council to give proof that he is devoting himself to the study of Literature, with a view to producing a sufficient thesis. If he fails to give such proof when called upon, or if in any respect he fails to comply with the conditions of these Statutes or to comport himself to the satisfaction of the Council, he may, by resolution of the Council, be deprived of all further rights as prizeman. In such case, or in case of resignation by the prizeman of his rights, the candidate who was placed second to him in the original award may be allowed, on such conditions as the Council may approve, to prepare and present a thesis and to qualify for the title of scholar.

Allowed 2nd December, 1926

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#### Chapter XV.—Of The Stow Prizes and Scholar.

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province: And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned: It is hereby provided:

1. That there shall be annual prizes, to be called The Stow Prizes.
2. Each of such prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds (\$30).
- °3. A Stow Prize may be awarded to any candidate for the LL.B. Degree, who, at any November Examination, in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.
4. Not more than four Stow Prizes may be awarded in any one year.
5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled Stow Scholar.

• Allowed 12th December, 1907.

Allowed January, 1899.

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#### Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed to the University the sum of £1,000 for the purpose of founding a scholarship in connection with the medical school, such scholarship to be called by his name; it is hereby provided as follows:

1. A scholarship, to be called The Everard Scholarship, shall be offered for competition annually.

2. The value of the scholarship shall be Thirty Pounds\* (\$60), and shall be paid to the scholar in one sum.

3. The scholarship shall be awarded to the student who, being neither a graduate in medicine of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has been placed highest amongst such eligible candidates in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if in the opinion of the Board of Examiners there is a candidate of sufficient merit.

Allowed 16th June, 1949, and amended 8th December, 1949.

\* Increased by Council to \$100 in 1964.

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### Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- ° (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

° Allowed 2nd December, 1926.

Allowed 3rd January, 1907.

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### Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonials of the University, graduates and undergraduates shall appear in academic dress.

2. The academic dress for undergraduates shall be a plain black stuff gown and trencher cap.



3. The academic dress for graduates shall be:—

GOWNS.

- (a) *For Bachelors*: of black stuff or silk and of the same style as used at Cambridge for the degree of Bachelor of Arts.
- (b) *For Masters*: of black cloth or silk and of the same style as used at Cambridge for the degree of Master of Arts.
- (c) *For Doctors of Philosophy*: of black cloth or silk faced with scarlet, and of the same style as used at Cambridge for the degree of Doctor of Philosophy.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and of the same shape as used at Cambridge (point at bottom of sleeves) faced and sleeve lined with silk the colour of the Faculty. The undress gown of a Doctor shall be black and of the same shape as the gown for a Master but with black lace around the arm-holes.

HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- ††(b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty; *except* that the colours for the following degrees shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:
  - i. Master of Education—Violet Gray (Plate LII).
  - ii. Master of Business Management—Mathews' Blue (Plate XX).
  - iii. Master of Town Planning—Yellow Green (Plate VI).
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.
- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.
- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:—
  - (i) Law—Sky Blue (Plate XX).
  - (ii) Medicine—Eosine Pink (Plate I).
  - (iii) Surgery—Eosine Pink (Plate I).
  - (iv) Dental Surgery—Salmon Colour (Plate XIV).
  - (v) Arts—Pale Violet Gray (Plate LII).
  - (vi) Science—Primuline Yellow (Plate XVI).
  - (vii) Agricultural Science—Orange Chrome (Plate II).

†† Amended 16th December, 1965.

- (viii) Engineering—Purple (True) (Plate XI).
- (ix) Music—Cendre Green (Plate VI).
- (x) Economics—Helvetia Blue (Plate IX).
- \*(xi) For the degree of Bachelor of Medical Science—  
Carmine (Plate I).
- †(xii) Technology—Spectrum Violet (Plate X).
- ‡(xiii) Architecture and Town Planning—Variscite Green  
(Plate XIX).
- §(xiv) For the degree of Bachelor of Applied Science — Aconite  
Violet (Plate XXXVII).
- \*\* (xv) For the degree of Bachelor of Pharmacy—Tyrian Rose  
(Plate XII).

## CAPS.

For undergraduates, Bachelors, Masters, Doctors of Philosophy and other Doctors wearing Undress Gowns, a black cloth trencher cap with black silk tassel. The cap to be worn with a Doctor's scarlet gown shall be the Doctor's bonnet of black velvet as worn at Cambridge.

The colour of scarlet for gowns and hoods shall be that defined as "Scarlet" in Plate I of Ridgway's *Colour Standards and Nomenclature*.

4. The academic dress for the Chancellor and the Vice-Chancellor shall be as approved by the Council from time to time.

5. The academic dress for members of the Council, Boards and Faculties who are not graduates shall be a plain black silk gown and black cloth trencher cap with black silk tassel.

6. Any member of the Senate who has been admitted *ad eundem gradum* may at his option wear the academic dress appropriate to the degree by virtue of which he has been so admitted.

7. A graduate who was admitted to his degree before the allowance of this Statute may continue to wear the academic dress prescribed under the Statute previously in force.

Allowed 8th December, 1949.

\* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

§ Allowed 4th October, 1962.

\*\* Allowed 16th December, 1965.

### Chapter XIX.—Saving Clause and Repeal.

1. The Chancellor, Vice-Chancellor, Professors, Lecturers, Registrar, and other officers of the University at the time of the allowance and counter-signature by the Governor of these statutes shall have the same rank, precedence, and titles, and hold their offices by the same

tenure, and upon and subject to the same terms and conditions, and (save the Chancellor and Vice-Chancellor) receive the same salaries and emoluments, and be subject to dismissal from their offices and suspension for a time from performing the duties and receiving the salaries thereto as if these statutes had not been made.

2. From and after the allowance and countersignature by the Governor of these statutes there shall be repealed:—

The statutes allowed and countersigned by the Governor on each of the undermentioned days, viz.:—

1. The 28th day of January, 1876.
2. The 7th day of November, 1881.
3. The 12th day of December, 1882.
4. The 16th day of September, 1885.

And the Regulations allowed and countersigned by the Governor on the 21st day of August, 1878.

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

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### Chapter XX.—Of The Roby Fletcher Prize.

Whereas a sum of £160 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Rev. William Roby Fletcher, M.A., formerly Vice-Chancellor of the University, it is hereby provided that —

\*The Roby Fletcher prize shall be £10 (\$20) and shall be awarded annually to the best matriculated or graduate student in Psychology, as prescribed for the degree of Bachelor of Arts, provided he is of sufficient merit.

\* Amendment allowed 22nd December, 1955.  
Allowed 7th December, 1939.

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### Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

\*1. There shall be a studentship, to be called The Hartley Studentship, of the value of £25 (\$50), open for competition every year to students intending to enter upon the course for the B.A., \*\*B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree.

‡2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Matriculation Examination, provided that, in the opinion of the examiners, he is of sufficient merit.

§The award shall be determined by adding together the marks obtained in not more than five subjects of the Matriculation Examination.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

\*4. Every Hartley Student shall forthwith, after the award of the studentship, commence his course, and shall diligently prosecute his studies for the B.A., \*\*B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree. Half the amount of the studentship shall be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

5. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

\* Allowed 24th December, 1913.

† Allowed 7th December, 1927.

‡ Allowed 13th December, 1917 and amended 22nd December, 1966.

§ Allowed 6th December, 1923 and amended 22nd December, 1966.

\*\* Allowed 22nd January, 1953.

Allowed 7th December, 1911.

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### Chapter XXIV.—Of Non-matriculated Students.

1. A non-matriculated student is a student who has not fulfilled the requirements of the Statute governing matriculation in the University but who is permitted to enrol in the University under Clause 2 hereof.

2. A non-matriculated student may enrol for a subject or course of study in the University only if—

(a) he enrolls in the Elder Conservatorium of Music in accordance with the Regulations and rules relating to the Conservatorium; or

(b) he has fulfilled the requirements prescribed for admission to a course leading to a diploma; or

(c) he is granted special permission under this Statute.

3. A person who has not satisfied the requirements for matriculation but wishes to enter upon a course of study, whether leading to a degree or a diploma, for which matriculation is a pre-requisite may apply for provisional matriculation in accordance with the Statute governing Matriculation; and a person who has not satisfied the requirements for entrance upon a diploma course for which matriculation is not a pre-requisite but wishes to enter upon the course of study leading to that diploma may apply for provisional admission. Provisional matriculation or admission shall be granted only with the approval of the Matriculation Board constituted under the Statute governing Matriculation: and any such person refused matriculation or admission shall upon such refusal become subject to Clause 2 hereof.

4. Applications for enrolment as a Non-matriculated Student under section (c) of Clause 2 hereof shall be made in writing to the Registrar, setting out the grounds on which such enrolment is sought.

\*5. A Non-matriculated Student shall:

(a) sign the Students' Roll and the declaration contained therein;

(b) pay the same tuition fees as a Matriculated Student enrolling for the same subjects of study; and

(c) be subject to the same Statutes, Regulations and Rules regulating attendance at classes, performance of work, discipline, conduct and progress as a Matriculated Student.

6. On fulfilling the conditions of attendance and performance of work required of other students in the same class a Non-matriculated Student may present himself for examination, but a Non-matriculated Student enrolled under section (c) of Clause 2 hereof shall not be eligible for the award of any scholarship or prize awarded by the University on the results obtained by candidates at that examination.

7. No subject passed by a Non-matriculated Student shall later be counted towards a degree unless the examination be passed again after he has become a Matriculated Student: provided that

(a) a candidate who has qualified for a diploma of the University may count towards a degree such subject or subjects of his diploma course as the Council on the recommendation of the Faculty concerned may determine;

(b) subject to any provision made elsewhere in the Statutes and Regulations of the University, when the number of subjects counted towards a degree under the provision of (a) of this clause exceeds four the candidate shall surrender the diploma before being admitted to the degree;

\* Amended 9th January, 1969.

(c) in special circumstances the Council may, on the recommendation of the Matriculation Board, make such exceptions to the provisions of this Clause as it may deem proper.

Allowed 4th April, 1963.

### Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

‡1A. (1) Notwithstanding anything contained in any Statute or Regulation of the University, or in any rules made by the Council, the following provisions shall apply to any moneys held by the University by way of endowment of any scholarship, studentship, exhibition, prize, lectureship or the like.

(2) All or any of the funds, so held as aforesaid, may be amalgamated for the purposes of investment, and held in a common fund, and the net income earned by the common fund shall be credited, ratably, to the funds so amalgamated: Provided that any fractional part of the income of the common fund, which cannot conveniently be distributed in the year in which it is earned, may, by direction of the Council, be carried to a suspense account, and held in reserve or applied to the equalization of income, as the Council may from time to time determine.

(3) If the whole of the income earned by or credited to any particular fund is not expended or appropriated in the year following that in which it is credited, it shall be added to the capital of the fund, but (subject to any express provision contained in the Statute, Regulation, or rules relating to the particular case) any income so added may be applied to the purposes of the endowment, as the Council may at any time determine, as if it had been the income of the year in which it is so applied.

2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

\*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of such additional fee as the Council may prescribe† which, however, may be remitted by the Vice-Chancellor for an adequate reason; but no entry shall be received within seven days of the examination except with the express approval of either the Dean of the Faculty concerned or the Vice-Chancellor.

‡2B. Whenever a thesis or other work is submitted for admission to a higher degree, and it is provided by statute or regulation that

† Allowed 11th November, 1954.

† Allowed 16th March, 1961.

\* Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959.

copies thereof shall be deposited in the University Library, the candidate shall lodge with the Registrar three copies prepared in accordance with the following conditions:

(a) In those cases in which specific directions have been given to candidates under the authority of the Regulations of the degree concerned: in accordance with those directions.

(b) In all other cases:

(i) unless specific approval otherwise has been given by the University Librarian, all script shall be typed or printed on paper of quarto or foolscap size;

(ii) maps, drawings, photographs or other illustrations may be of any size or form approved by the Librarian;

(iii) the essay or thesis shall be bound, and the cover shall be entitled and lettered in accordance with specifications to be supplied by the Librarian.

Whenever an essay or thesis is accepted for the award of a University prize or scholarship, the successful candidate shall lodge with the Registrar, for transmission to the library, a copy prepared in accordance with the foregoing conditions.

§3. In all cases where an age limit is not fixed by the Regulations, persons who shall pass the same examination more than once shall not be qualified to receive any scholarship, exhibition, medal, prize, or other similar reward in respect of that examination save on the first occasion of their being examined.

†3A. No person shall be admitted to a degree examination in which he has already passed at this University, except by special permission of the Council.

††3B. Repealed.

°4. Wherever, in the Statutes or Regulations of the University, a time limit or an age limit is imposed, the Council shall have power to add or deduct or allow for the period spent in war service by any candidate, but may impose such conditions or modifications as may seem good to the Council in each case.

††4A. On the advice of the appropriate Faculty or Board, the Council may make special provision for any candidate for a degree or diploma who has been engaged in war service, by altering the conditions prescribed for entrance on his course of study, by altering the fees, and by adjusting the curriculum, provided that the whole curriculum be substantially fulfilled before the degree or diploma is conferred.

°°4B. Where by reason of physical disability a student is unable to perform any section of the work prescribed by the regulations for the course on which he has entered or proposes to enter, the Council, on the advice of the appropriate Faculty or Board, may allow him to substitute for such work, other work or another subject substantially equal in standard, and in such case may also impose such other conditions as it thinks fit.

† The additional fee prescribed by the Council is \$10.

†† Repealed 16th March, 1961.

§ Allowed 12th August, 1903.

° Allowed 10th December, 1919.

†† Allowed 5th December, 1918.

°° Allowed 23rd January, 1947.

†4c. (a) A Faculty or Board of Studies may review the academic progress of any student enrolled for studies within the curriculum of that Faculty or Board at any time after the student has been enrolled for three terms and has presented himself or has had an opportunity of presenting himself for the annual examination in the subject or subjects for which he was enrolled.

(b) As a result of such review the Faculty or Board may decide (i) to take no action, or (ii) to permit the student to take during the current or next ensuing academic year only such programme of study within its curriculum as it may approve, or (iii) to recommend to the Council that the student be precluded from taking further studies within its curriculum.

(c) Whenever a student who has been enrolled for studies within the curriculum of a Faculty or Board of Studies seeks enrolment for studies within the curriculum of another Faculty or Board of Studies the Faculty or Board of Studies in which enrolment is sought may consider the candidate's previous academic record in the University and may decide either (i) to permit the enrolment or (ii) to recommend to the Council that the enrolment be rejected.

(d) Every student or candidate whose position is to be considered under the foregoing sections of this clause shall be notified accordingly and requested to submit in writing for consideration by the Faculty or Board of Studies such explanation as he can offer for his lack of satisfactory progress and reasons why he should be permitted to enrol for further studies in the University. If the Faculty or Board of Studies decides to recommend preclusion under section (b) or rejection under section (c) of this clause the recommendation shall be submitted to the Council which, after making such enquiry as it thinks fit, may confirm, vary or set aside the recommendation.

(e) On the recommendation of a Faculty or Board of Studies the Council may, in respect of candidates for enrolment who are not domiciled or have not been resident in South Australia for a continuous period of at least twelve months before applying for admission to the University, (i) set annually a quota for such students to be admitted to the course of study under that Faculty or Board and determine the method by which the quota shall be filled; or (ii) in accordance with a general policy which it may adopt or for any reason that it may deem adequate in a particular case, refuse enrolment to such students. Admission of such a student to one course of study in the University shall not confer or imply permission subsequently to transfer to another course of study.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

††5A. (i) In the case of any candidate for a degree or diploma the Council, on the recommendation of the relevant Faculty or Board

§ Allowed 12th August, 1915.

†† Allowed 28th July, 1959.

† Allowed 28th July, 1959.



of Studies, may vary any maximum or minimum period of time prescribed in the Regulations relating to the course of study for that degree or diploma.

(ii) In the case of any candidate for a degree the Council, on the recommendation of the Matriculation Board, may vary any maximum period of time prescribed in Chapter IX of the Statutes.

‡‡6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

\*7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just. Provided always that they shall give such evidence of their status and of good character as in the opinion of the Council shall be sufficient.

\*\*8. In addition to all other fees payable every student proceeding to a degree of Bachelor, Master or Doctor or to a diploma, and such other students enrolled in the University as the Council may from time to time decide, shall unless exempted by the Council pay an annual fee for membership of the University Union. The amount of such fee for each class of student shall be prescribed by the Council.\*\*\*

‡8A. The Council shall have power to reduce or to demit any fee payable by a student proceeding to a degree or a diploma for reasons that it deems adequate.

‡9. A student, who, in the opinion of the Professor or Lecturer concerned, is unable to profit by a course of lectures, may be reported to the Faculty. The Faculty, after consideration of the student's record, shall furnish a report to the Council, who may thereupon require the student to withdraw for the remainder of the academic year from one or in special cases from more than one, course of lectures, not necessarily including that for which he has been reported.

‡10. Annual Examinations in each Faculty except the Faculty of Medicine shall be held at such times as may be prescribed by regulation, but special examinations may be allowed to any candidate if the Faculty concerned shall so decide and the Council approve. These examinations shall be held at such times and under such conditions as the Faculty may in each case determine with the approval of the Council.

‡11. In all cases where the regulations affecting the degree of Master or Doctor in any Faculty have been or shall be repealed or altered,

‡‡ Allowed 12th August, 1915.

\* Allowed 10th December, 1919.

† Allowed 7th December, 1927.

‡ Allowed 18th October, 1956.

‡ Allowed 7th December, 1932, and amended 28th January, 1965.

§ Allowed 10th January, 1946.

\*\* Allowed 21st December, 1967.

\*\*\* The annual fee prescribed by the Council for membership of the University Union is \$45. (Some reduction of this fee may be allowed in the case of part-time students.)

the Council may nevertheless allow a candidate, who has qualified under the regulations repealed or altered to proceed to that degree to complete his qualification under the regulations so repealed or altered, provided that he complete his qualification for admission to the degree under those regulations within three years of the date of such repeal or alteration.

\*\*12. (1) Notwithstanding the provisions of any other Statute or Regulation of the University, any student may be precluded in the manner herein provided from entering upon or proceeding with any course of study.

(2) If it appears to any Faculty or Board of Studies that it is not in the interests—

- (a) of the University, or
- (b) of other students thereof, or
- (c) of the public (having regard to any profession, avocation, or calling for which the student may be qualifying)—

that any student should be permitted to enter upon or proceed with any course of study under the control of that Faculty or Board it shall be lawful for the Faculty or Board to forward to the Council a recommendation to that effect, together with a statement of the grounds upon which the recommendation is made.

(3) Subject to sub-clauses (4) and (5), the Council, if it thinks fit, may adopt any such recommendation with or without modification, whereupon the student shall be precluded in accordance with the terms of the recommendation as so adopted.

(4) No such recommendation shall be adopted with or without modification unless and until the student has had an opportunity of being heard and of adducing evidence in opposition to the recommendation.

(5) Any such hearing may be by the Council or by a Committee appointed for that purpose and consisting of or including at least three members of the Council. At the conclusion of its hearing the Committee shall make a report and the Council may if it thinks fit act upon any such report.

(6) The Council shall be at liberty to review any decision under sub-clause (3) hereof at any time.

(7) Any decision of the Council under sub-clause (3) or sub-clause (6) hereof shall not affect anything lawfully done or suffered before such decision.

\*13. A graduate wishing to be admitted to a course of study not leading to a degree may be so admitted, upon such terms and conditions and upon payment of such fees as the Council may prescribe.

†14. Repealed.

‡15. The Council, having regard to the accommodation and facilities available for teaching, may impose a limit upon the number of students to be admitted in any year to any class or course of study

° Allowed 4th April, 1963.

Allowed 27th December, 1899.

\*\* Allowed 14th December, 1950, and amended 4th April, 1963.

† Repealed 21st December, 1967.

‡ Allowed 9th January, 1969.

in any Faculty or Board of Studies. If the number of students seeking admission to any such class or course is greater than the limit fixed by the Council, the students to be admitted to the class or course in that year shall be selected by such method as the Council shall from time to time determine.

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### Chapter XXVII.—Of Diplomas and their Boards of Studies.

\*1. There shall be the following Boards of Studies:

- (i) The Board of Studies in Pharmacy;
- (ii) The Board of Studies in Physical Education;
- (iii) The Board of Studies in Social Studies;
- (iv) The Board of Studies in Physiotherapy;

and such other Boards of Studies as the Council may from time to time appoint.

†\*2. (a) Each Board of Studies shall consist of the Chancellor, the Vice-Chancellor, the professors and lecturers in control of subjects in the curriculum of the Board, and such other persons as the Council may from time to time appoint for such term as the Council may determine.

(b) The President and the Secretary of the Pharmaceutical Society of South Australia, Incorporated, and the President of the Pharmacy Board of South Australia shall be members of the Board of Studies in Pharmacy.

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

†4. Each Board shall annually elect one of its members to be Chairman; except that one of the Professors of Chemistry shall be Chairman of the Board of Studies in Pharmacy.

5. The Chairman of each Board shall

- (i) at his own discretion, or on the request of the Chancellor or the Vice-Chancellor, or on the written request of two other members of the Board, convene meetings of the Board;
- (ii) preside at meetings of the Board;
- (iii) subject to the control of the Board, exercise a general control over its administrative business;
- (iv) perform such other duties as the Council shall from time to time prescribe.

6. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

7. The Board of Examiners of each Board of Studies shall consist of the Professors and Lecturers in the subjects of the curriculum of the Board, together with such other examiners as may be appointed by the Council.

8. The qualifications prescribed for admission to the course for any diploma are set out in the regulations governing that diploma.

\* Amended 8th December, 1949, 22nd January, 1953, 20th December, 1956, and 12th December, 1963.

† Amendment allowed 22nd December, 1955.

9. If in any academical year the number of qualified students who apply to begin a course of study for any diploma is in the opinion of the Board of Studies concerned greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who, in its opinion, should be entitled to begin the course of study for that diploma in that year.

Allowed 11th December, 1947.

### Chapter XXVIII.—Of The Joseph Fisher Medal for Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

\*1. There shall be a medal, to be called The Joseph Fisher Medal for Commerce, which shall be awarded annually in accordance with the following provisions:

- (a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.
- (b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

\*2. A candidate shall be eligible for the medal only if he complies with the following conditions:—

- (a) A candidate for the diploma in Commerce must have completed the course for the diploma within six years of his entering upon the course.
- (b) A candidate for the degree of Bachelor of Economics shall have completed the four courses in Accountancy and Law within six years of having enrolled for the first such course.
- (c) Except with the approval of the Faculty of Economics no candidate shall be eligible for the medal if he has received exemption from examination in any one or more of the four courses in Accountancy and Law concerned.

3. There shall also be established a lecture on a subject relating to Commerce, to be called The Joseph Fisher Lecture, and to be delivered in the University every alternate year, and subsequently published.

\*Allowed 22nd January, 1953.

4. The lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s. (\$21).

5. The subject of the lecture shall from time to time be approved by the Council of the University.

6. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said medal, the payment of the said lecturer, and the publication of his lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the professors, lecturers, and examiners engaged or to be engaged in the work of the commercial courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

Allowed 12th August, 1903.

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#### Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that —

1. The Roseworthy Agricultural College is affiliated to the University of Adelaide.

\*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

\* Allowed 3rd January, 1929.

Allowed 7th December, 1905.

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#### Chapter XXX.—Of The Tinline Scholarship.

\* Whereas the late George John Robert Murray, then a member of the Council of the University, paid in 1907 the sum of £1,000 to the University for the purpose of founding with the income thereof a scholarship to be called The Tinline Scholarship in memory of the family of his mother:

Now it is hereby provided as follows:

1. Two Tinline Scholarships shall be available for award each year.

2. The purpose of the scholarships is to encourage original work.

\* Allowed 28th January, 1905.

3. Provided that in the opinion of the examiners the candidate is of sufficient merit one scholarship shall be awarded to the candidate placed highest in the final examination for the Honours degree of Bachelor of Arts in the School of History and the other to the candidate placed highest in the final examination for the Honours degree of Bachelor of Arts in the School of Politics.

4. If in any year no candidate in one School is deemed by the examiners to be of sufficient merit, two awards may be made in the other School if two candidates in that School are deemed to be of sufficient merit.

5. The value of a scholarship shall be determined from time to time by the Council.

6. The value of the scholarship shall be paid in one sum to the scholar on receipt by the Registrar of a certificate from the Head of the Department concerned that the scholar has entered upon post-graduate study or research in the University of Adelaide which accords with the general purpose of the scholarship as stated in Clause 2 above.

7. This Statute may be varied from time to time but the title and purpose of the scholarship shall not be changed.

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#### Chapter XXXI.—Of the David Murray Scholarships.

Whereas the late David Murray has bequeathed the sum of £2,000 to the University of Adelaide for the purpose of founding scholarships, and whereas the said sum has been paid to the University to be used and administered by it in fulfilment of such intention, and that sum having been increased in 1967 to \$7,600 by capitalisation of unspent income, it is hereby provided as follows:

1. The scholarships shall be called the David Murray Scholarships.

2. The purpose of the scholarships shall be to encourage advanced work and original investigation.

\*3. The sum of \$95 may be awarded in each year by the Faculty of Arts, by the Faculty of Law, by the Faculty of Science and by the Faculty of Medicine.

4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.

\*\*5. If for any reason the full amount of \$95 be not awarded in any year by any Faculty having the disposal of it, any amount so unawarded shall be disposed of as the Council shall determine.

6. The money shall be paid to the scholars at such time, and in such amounts, as the Council, upon the advice of the Faculties, shall determine.

7. These Statutes may be varied from time to time.

Allowed 13th January, 1908. \* Amended 21st December, 1967.

\*\* Allowed 7th December, 1927, and amended 21st December, 1967.

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## Chapter XXXII.—Infectious Diseases.

1. If any professor, or lecturer, or examination supervisor, suspects or is apprehensive, that any student attending or desiring to attend his classes, or any examinations, is suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others.

2. The Council shall have power to close the University, or any part thereof, for such time as it shall deem desirable, in order to prevent the spread of infectious disease.

Allowed 24th August, 1910.

## Chapter XXXVI.—Of the John Creswell Scholarships.

Whereas the sum of £1,300 has been subscribed and paid to the University for the purpose of founding with the income thereof scholarships in memory of the late John Creswell: Now it is hereby provided as follows:—

\*1. Three scholarships, to be called the John Creswell Scholarships, shall, subject to the conditions hereinafter set forth, be awarded in each year:—One by the South Australian Cricket Association (hereinafter called “the said Association”), one by the Royal Agricultural and Horticultural Society of South Australia, Incorporated (hereinafter called “the said Society”), and one by the Council of the University (hereinafter called “the Council”).

†2. The scholarships to be awarded by the said Association and the said Society respectively shall be awarded annually to candidates who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are deemed by the said Association and the said Society respectively worthy to receive the scholarships.

†3. The scholarships to be awarded by the Council shall be awarded annually to students who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are recommended to the Council by the Public Examinations Board as being worthy to receive the scholarships.

† Allowed 22nd January, 1953.

\* Allowed 3rd January, 1929.

††4. The value of each scholarship shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the scholar may include in his curriculum for the degree of Bachelor of Economics provided that the scholarship shall not be tenable for more than six years. If the scholar is entitled to payment of the fees involved from some other scholarship or award the scholar shall, on passing the final examination in each subject concerned, be paid the sum of \$20.

†5. Except by permission of the Council, each scholar shall enter forthwith upon the course for the degree of Bachelor of Economics and shall prosecute his studies continuously and with diligence. The scholarship shall be forfeited if the holder thereof fails to observe any of these requirements, unless such failure shall, in the opinion of the Council, have been the result of ill-health or other reasonable cause; provided, however, that failure to pass in any examination shall not of necessity be sufficient cause for forfeiture. The decision of the Council as to the forfeiture of a scholarship shall be final.

†6. If a scholarship be forfeited, or lapses or becomes vacant before the holder has completed his course for the degree of Bachelor of Economics, the scholarship shall not be re-awarded.

7. This Statute may be varied from time to time, but the title and purpose of the scholarships shall not be changed.

†† Allowed 22nd December, 1966.

† Allowed 22nd January, 1953.

Allowed 24th December, 1913.

#### Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

Whereas the sum of £255 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Inspector Alexander Clark, it is hereby provided that —

1. The prize shall be called The Alexander Clark Memorial Prize.
2. Candidates for the prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of one guinea† shall be paid by each candidate.

\*3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years  
 For Organ and Violoncello, not more than 24 years  
 For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended a school under the Education Department of South Australia for at least two years.

No candidate who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete in the same subject for this prize.

\* Allowed 30th November, 1933, and amended 10th December, 1936.



†3A. The prize shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

††4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the prize shall lapse for one year, after which it shall be offered again. If the prize so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition, for one year, equal to the annual value of the prize, to a student of the Elder Conservatorium of outstanding merit.

5. The prize shall, for the present, be of the annual value of £12 10s. (\$25) tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

\*6. Payment of the prize shall be made in three equal instalments in each year, one at the beginning of each term.

\*°7. Every holder of a prize may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course, he shall be required to pass an examination in his principal subject at the end of each year of his course. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. A prize shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

††8. Repealed.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the prize shall be offered for competition at the end of the academic year.

10. These Statutes may be varied from time to time, but the title and general purpose of the prize shall not be changed.

†† Allowed 25th August, 1955.

† Allowed 18th October, 1956.

\*\* Allowed 10th December, 1925.

† Allowed 16th December, 1948.

† Allowed 16th December, 1948.

†† Repealed 25th August, 1955.

\* Amended 15th January, 1959.

Allowed 13th December, 1917.

Chapter XL.—Of the Dr. Chas. Gosse Lectureship and Medal in  
Ophthalmology.

Whereas the sum of £1,125 has been subscribed and paid to the University for the purpose of founding with the income thereof a Lectureship and Medal in Ophthalmology in memory of the late Dr. Charles Gosse: Now it is hereby provided as follows:—

1. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.

\*2. There shall be a bronze medal to be called the Dr. Charles Gosse Medal, which shall be awarded annually to the best candidate in the subject of Ophthalmology, provided that he shall pass with credit in that subject, and that, in the opinion of the examiners, he shall be considered worthy of the award.

Only those candidates who have passed in all the subjects of the final examination shall be eligible for the medal.

This Statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

- \* Allowed 11th December, 1924; amended 10th December, 1925.  
Allowed 30th November, 1916.

Chapter XLI.—Of the Eugene Alderman Scholarships.

Whereas the sum of £740 has been raised by public subscription and has been paid to the University for the purpose of founding scholarships in memory of the late Eugene Alderman, a teacher of Violin in the Elder Conservatorium: it is hereby provided that —

1. Two scholarships, which shall be called Eugene Alderman Scholarships, shall be offered for competition among students of music who are natural-born British subjects and have been resident in the State of South Australia for three years prior to the date of entry.

2. Each scholarship shall be of the annual value of £18/10s. (\$37), and shall be tenable for three years subject to the provisions contained in clause 6. Each holder of a scholarship shall be required to study in the Elder Conservatorium the principal subject for which the scholarship has been awarded to him, together with such secondary subjects as may be approved by the Director. He shall also pay the proper fees.

\*3. One scholarship shall be awarded for the Violin; the other shall be awarded for any one of the following subjects, namely, Violin, Violoncello, Pianoforte, Organ, or Singing; but in case of equality of merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of one guinea (\$2.10) and shall undergo such examination as the Council may direct.

- \* Allowed 10th December, 1919, and amended 18th October, 1956.

\*4. The limits of age for candidates shall be as follows:

- For Singing, not less than 16, nor more than 24 years
- For Organ and Violoncello, not more than 24 years
- For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No person who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete for one of these scholarships in the same subject.

‡4A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

‡‡5. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit. In the case of the lapse of the scholarship for violin, the exhibitioner, if any, shall be a student in string playing; in the case of the lapse of the other scholarship, the exhibitioner, if any, shall be a student in any of the subjects of that scholarship.

‡6. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

‡6A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

\*7. Payment of the annual value of a scholarship shall be made in three equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

9. These Statutes may be varied from time to time, but the title and general purpose of the scholarships shall not be changed.

- Allowed 30th November, 1933. † Allowed 16th December, 1948.
- ‡‡ Allowed 25th August, 1955.
- † Allowed 10th December, 1925. † Allowed 16th December, 1948.
- Amended 15th January, 1959. Allowed 11th April, 1918.

### Chapter XLII.—Of the A. M. Simpson Library in Aeronautics.

Whereas Mrs. A. M. Simpson has paid to the University the sum of five hundred pounds for the purpose of founding a library in aeronautics in memory of her late husband, Alfred Muller Simpson:—

It is hereby provided that:—

1. The Library shall be called the A. M. Simpson Library in Aeronautics in memory of her late husband, Alfred Muller Simpson:—
2. Interest on the endowment at the rate of five per centum per annum shall be annually set aside for the purchase of books on Aeronautics.
3. The books shall be available for study to all persons on the same conditions as other books in the University Library.
4. This Statute may be varied from time to time but the title and the purpose of the endowment shall not be changed.

Allowed 5th December, 1918.

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### Chapter XLV.—Of the Barr Smith Library.

Whereas during his life the late Robert Barr Smith gave to the University sums amounting to £9,000 for the purchase of books constituting the Barr Smith Library; and whereas members of his family, in order to perpetuate his memory within the University, paid to the University in 1920 the sum of £11,000:

It is hereby provided that —

1. Interest at the rate of at least five per centum per annum on the sum of £11,000 shall be set aside for the purchase of books to be added to the Barr Smith Library.
2. The books of the library shall be suitably distinguished from other books in the possession of the University.

Allowed 9th December, 1920.

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### Chapter XLVI.—Of The George Thompson Bursary in Commerce.

Whereas the Adelaide Co-operative Society, Limited, has paid to the University the sum of £150 for the purpose of founding a bursary in memory of George Thompson, the first Secretary and Manager of the Society: Now it is hereby provided as follows:—

1. A bursary, to be called The George Thompson Bursary in Commerce, shall be awarded by the University to any person nominated from time to time by the Adelaide Co-operative Society.

\*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

† Allowed 22nd January, 1953.

3. He shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the University.

\*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Society may at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

6. This Statute may be varied from time to time, but the title of the bursary shall not be changed.

\* Allowed 22nd January, 1953.

Allowed 6th December, 1923.

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#### Chapter XLVII.—Of the Elizabeth Jackson Library.

Whereas the sum of £750 (of which £650 was raised by public subscription and £100 was given by the Old Scholars' Association of the Methodist Ladies' College, Adelaide) has been paid to the University for the purpose of founding a special library for the study of psychology in memory of the late Sarah Elizabeth Jackson, M.A., formerly tutor in philosophy in this University:

It is hereby provided that —

1. The library shall be called The Elizabeth Jackson Library.

2. The interest on the endowment at the rate of five per cent. per annum shall be annually set aside for the purchase of books and apparatus for the study of psychology, especially the psychology of abnormal children.

3. The books shall be available to all persons on the same conditions as other books in the University library.

4. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 11th December, 1924.

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#### Chapter XLVIII.—Of St. Mark's College, Incorporated.

Whereas application has been made by the governing body of St. Mark's College, Incorporated, for affiliation to the University:

It is hereby provided that —

St. Mark's College, Incorporated, is hereby affiliated to the University of Adelaide as a College for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students.

Allowed 7th December, 1927.

Note.—The College was first affiliated in 1924 and was opened for the residence of students in March, 1925.

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#### Chapter XLIX.—Of the Appointments Board.

1. The Council shall create a Board, to be called the Appointments Board, to assist undergraduates of at least two years' standing, holders

of diplomas, and graduates to obtain appointments. The Board may also deal with such other matters as the Council may refer to it.

2. The Board shall elect annually a Chairman, and shall appoint a Secretary from time to time.

3. It shall be the duty of the Board to keep a register of those desiring employment and of employers who may be willing to give such employment, and the Board shall take such steps as may seem advisable in the interests of both classes.

4. The Board shall have power to make such rules and to charge such fees as may be approved from time to time by the Council.

Allowed 10th December, 1925.

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### Chapter LII.—Of The Bonython Prize.

In consideration of the endowment by the Hon. Sir John Langdon Bonython, K.C.M.G., of the Chair of Law at the University of Adelaide, and in order better to perpetuate his memory, as well as to encourage original contributions to the Science of Law, the Council of the University of Adelaide has decided to found a prize not exceeding the value of £100 (\$200), to be awarded on the following conditions:—

1. The prize shall be called The Bonython Prize.

2. The prize shall be awarded by the Council to such candidates as in the opinion of the Faculty of Law shall have written the best original thesis on any legal subject approved by the Faculty and the Council, which thesis is in the opinion of the examiners of sufficient merit.

3. The prize may be awarded to the author of any book on any legal subject published prior to and within 18 months of the last day for the submitting of theses, provided that the other conditions of the prize have been fulfilled.

4. Where, in the opinion of the examiners, two or more theses shall be considered of equal merit, the prize shall be awarded to the thesis the subject-matter of which is deemed by the examiners to be of greater interest or utility from the point of view of the Law of the Commonwealth or of South Australia.

5. No thesis submitted for competition shall have been previously submitted for any competition or prize at the University of Adelaide or elsewhere.

6. Candidates must either have graduated by examination in Law at the University of Adelaide, or having been resident in South Australia at least two years immediately preceding the last day for submitting the thesis, have been admitted *ad eundem* to a degree in Law in this University.

7. If any thesis be considered by the examiners sufficiently meritorious to qualify for the prize but inferior to another thesis submitted at the same competition, the former thesis may be resubmitted

(subject to Clause 3 hereof) at a subsequent competition, but may be then awarded the prize only if no other thesis of sufficient merit to qualify for the prize is submitted for the first time at such subsequent competition.

8. The prize shall not be awarded twice to the same candidate.

9. A typewritten or printed copy of the successful thesis shall be deposited by the candidate in the Library of the University, but shall be made available to the candidate for a period of one month, or for such further period as the Faculty may allow if he wishes to publish the same. In case of publication the University shall have no rights in respect of the thesis so published, but a printed copy shall be presented by the candidate to the Council of the University.

10. These shall be submitted not later than the first day of July in any year.

Allowed 3rd January, 1929.

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### Chapter LV.—Of The Fred Johns Scholarship for Biography.

Whereas the late Fred Johns bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship to be called The Fred Johns Scholarship for Biography, it is hereby provided as follows:

1. There shall be a scholarship of the value of £100 (\$200) to be called The Fred Johns Scholarship for Biography.

2. The Council shall establish a fund and contribute the sum of £60 (\$120) a year to it for the purpose of the scholarship.

3. Beginning with the year 1939 the Council may, as often as the funds permit, appoint a graduate or an undergraduate of the University of Adelaide to write a biography of a deceased eminent Australian (not necessarily Australian born) named by the Council but any subject for which the scholarship has been awarded shall not be named again prior to the year 1983.

4. The writer appointed shall lodge the completed biography with the Registrar within two years of his appointment or within such further period as the Council upon application may deem expedient.

\*5. The Council may award the writer progress payments not exceeding a total sum of £50 (\$100), and, if the work is adjudged to be of sufficient merit, shall award him the title of Fred Johns Scholar, and shall complete the payment of the amount of the scholarship.

\*6. Within six months of the award of the title of Fred Johns Scholar, the Council shall decide whether the biography shall be published by the University. If the Council decides that the biography shall not be so published, the copyright therein shall be the property of the writer. If the Council decides that the biography shall be so published, the copyright therein shall be the property of the University until the Council shall decide otherwise; and the biography shall be published by the University as soon as possible.

\* Allowed 22nd January, 1953.

7. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 8th December, 1938.

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#### **Chapter LVII.—Of the Affiliation of the South Australian Institute of Technology.**

The University and the South Australian Institute of Technology having agreed to the establishment of a Faculty of Technology and Applied Science in the University to administer courses of study provided by the South Australian Institute of Technology, approved by the Councils of the Institute and of the University, and leading to the degree of Bachelor of Technology in the University, the Institute is hereby affiliated to the University to the extent following:

- (a) The University will admit to the degree of Bachelor of Technology a matriculated student who under the supervision of the Faculty of Technology and Applied Science has complied in all respects with the Regulations and Schedules of the degree of Bachelor of Technology.
- (b) The University may grant such credit in other courses for work done in the Institute as the University shall in each case determine.

Allowed 16th March, 1961, and amended 12th December, 1963.

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#### **Chapter LVIII.—Of The T. G. Wilson Travelling Scholarship in Obstetrics.**

Whereas the sum of £2,500 has been paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship: It is hereby provided as follows:

1. There shall be a scholarship to be called The T. G. Wilson Travelling Scholarship in Obstetrics.
2. The scholarship shall be tenable for one year, shall be of the value of £250 (\$500), and shall be awarded from time to time as often as the income of the said capital sum permits.
3. The scholarship shall be awarded by a committee consisting of the Vice-Chancellor, the Dean of the Faculty of Medicine, and the Professor of Obstetrics and Gynaecology.
4. Payment of the scholarship shall be made upon approval of the proposed date of the scholar's departure from South Australia.
5. The scholarship shall be open to any graduate in Medicine of the University of Adelaide who has reached a high standard of proficiency throughout his undergraduate course. Candidates must be undertaking, or have completed, in Adelaide, the course of post-graduate training, including Obstetrics, as prescribed by the Royal College of Obstetricians and Gynaecologists for the Membership examination.



6. Holders of the scholarship will normally be expected to return to practise obstetrics in South Australia.

7. Within such time after being awarded the scholarship as the Council shall in each case allow, the scholar shall proceed overseas to gain postgraduate experience in Obstetrics and Gynaecology. He must present himself for the examination for Membership of the Royal College of Obstetricians and Gynaecologists, or such other examination as may be approved by the Council.

8. This Statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

Allowed 4th October, 1962.

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#### Chapter LIX.—Of the R. W. Bennett Prizes and Medal.

Whereas the late Richard William Bennett, K.C., LL.B., bequeathed the sum of £500 to the University for the purpose of establishing prizes and a medal for students in the Faculty of Law, it is hereby provided as follows:

1. There shall be annual prizes to be called the R. W. Bennett Prizes.

2. Each of such prizes shall consist of the sum of £8 (\$16), or (at the option of the prizeman) of books to be selected by him of that value.

†3. One of such prizes may be awarded to any candidate for the degree of Bachelor of Laws who at any November examination is placed highest and passes with Distinction in one of the subjects prescribed for the Final Certificate in Law, and whose paper in the opinion of the Board of Examiners is of exceptional merit.

4. Not more than two such prizes may be awarded in any one year.

5. No candidate shall be awarded more than one such prize in any one year.

6. A candidate who is awarded three such prizes shall receive a bronze medal and shall be styled R. W. Bennett Scholar.

Allowed 15th December, 1937.

† Amendment allowed 22nd December, 1955.

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#### Chapter LXI.—Of St. Ann's College, Incorporated.

Whereas a college for women students in the University, to be known as St. Ann's College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

St. Ann's College Incorporated is hereby affiliated to the University of Adelaide as a College for women students who have been admitted to matriculation or *ad eundem statum* or who are engaged

in any course of study at the University; provided that in special cases the College may admit for such limited period as it may deem desirable other unmatriculated students who are preparing to qualify for entry on any University course.

Allowed 16th December, 1948.

Note.—The College was first affiliated in 1939 and with the approval of the Council was officially opened for the residence of students and graduates on 4th May, 1947.

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### Chapter LXII.—Of The Anna Florence Booth Prize.

Whereas Sydney Russell Booth has paid to the University the sum of five hundred pounds<sup>oo</sup> for the purpose of founding with the income thereof a prize in memory of his wife, to be called The Anna Florence Booth Prize, it is hereby provided as follows:

1. There shall be a prize entitled The Anna Florence Booth Prize which shall be offered annually.

†2. The Council shall award the prize on the recommendation of the Head of the Department of Psychology.

\*3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included a third-year course in Psychology in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

†4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Head of the Department of Psychology in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

†5. The prize shall be of the value of £16 (\$32)§ payable in two equal instalments. The first instalment shall be paid when the award is made, and the second when the required essay has been approved by the Head of the Department of Psychology.

6. If in any year the prize be not awarded, the amount of the prize for that year shall be added to the capital of the fund and invested for the purpose of the prize.

7. The prize shall not be awarded twice to the same candidate.

8. This statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

<sup>oo</sup> Subsequently increased by capitalisation of accumulated income to £750.

\* Allowed 11th November, 1954, amended 15th January, 1959.

† Amended 15th January, 1959. Allowed 5th December, 1940.

§ Increased by Council to \$70 in 1964.

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Chapter LXIII.—Of the William Gardner Scholarship and the William Gardner Prize.

Whereas the late Louise Gardner has bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship in Surgery, and whereas the capital sum was increased on 31st December, 1953, to £2,042, it is hereby provided that:

1. There shall be a scholarship to be called the William Gardner Scholarship and a prize to be called the William Gardner Prize, each of which shall be offered for competition annually.

2. Only a student who, being neither a graduate in medicine or surgery of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has passed the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year, shall be eligible to receive either the scholarship or the prize or both.

THE WILLIAM GARDNER SCHOLARSHIP.

3. The Scholarship shall be of the value of £45 (\$90) and shall be paid to the scholar in one sum.

4. The Scholarship shall be awarded to the student who has been placed highest amongst such eligible candidates in Surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the whole examination and obtains in Surgery marks at least equal to the minimum standard required for a pass with credit in the whole examination.

THE WILLIAM GARDNER PRIZE.

5. The prize shall be of the value of the total income, less the sum of £45 (\$90), derived in that year from the capital sum and shall be paid to the scholar in one sum.

6. The prize shall be awarded to the eligible student who (a) has obtained at the final examination marks in Surgery at least equal to the minimum standard required for a pass with credit in the whole examination, and (b) has obtained the highest aggregate marks in the remaining subjects of the examination.

7. If in any year either the scholarship or the prize or both be not awarded the amount of the award or awards for that year shall be added to the capital of the fund and invested for the purpose of the bequest.

8. This statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 25th August, 1955.

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### Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

#### THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

#### THE SHORNEY PRIZE.

\*3. A postgraduate prize, to be known as The Shorney Prize, of the value of \$400, shall be awarded to the candidate who, in the opinion of the examiners, has made the most substantial contribution to knowledge in Ophthalmology.

4. The recipient must be a graduate of an Australian University.

†5. Material submitted for the prize must have been published in medical or scientific literature not more than three years prior to the date prescribed for submission of entries.

6. Each candidate must declare that the work described is his own.

7. The prize shall be offered for competition from time to time as the accumulations of the fund permit.

8. The prize shall be offered at least twelve months before the last day for the receipt of applications.

9. The prize shall not be awarded on any occasion unless in the opinion of the examiners the material submitted is of sufficient merit.

10. This statute may be altered from time to time but the title and purpose of the endowment shall not be changed.

\* Amended 14th December, 1950, and 22nd December, 1966.

† Amended 16th December, 1965. Allowed 10th December, 1942.

### Chapter LXVI.—Of Aquinas College, Incorporated.

Whereas a residential college in connection with the Roman Catholic Church for students of the University to be known as Aquinas College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

Aquinas College, Incorporated, shall be affiliated to the University of Adelaide as a residential college in connection with the Roman Catholic Church for students of the University, provided that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 23rd January, 1947.

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#### Chapter LXVII.—Of The Angas Parsons Prize.

Whereas the late the Honourable Sir Herbert Angas Parsons, K.B.E., LL.B., from 1921 until his retirement in 1945 one of His Majesty's Judges of the Supreme Court of South Australia, a graduate of the University, a member of the Council from 1915, Warden of the Senate from 1927 and Vice-Chancellor from 1942 until his death in 1945, has bequeathed to the University the sum of £1,000†:

It is hereby provided as follows:

1. In commemoration of Sir Angas Parsons' services to the University, and in order to encourage the advanced study of Law, there shall be a prize to be called The Angas Parsons Prize.

2. The prize shall be of the value of £50 (\$100), and shall be available for award annually.

\*3. Provided that, in the opinion of the examiners, there is a candidate of sufficient merit, the Prize shall be awarded to the candidate who is considered by the examiners to be the most meritorious of those qualifying for the Honours Degree of Bachelor of Laws.

† Reduced by succession duty to £900.

\* Amendment allowed 22nd December, 1955.

Allowed 10th July, 1947.

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#### Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

Whereas the University has received from Walter Hervey Bagot the sum of five hundred pounds (£500) for the purpose of founding, in memory of his late mother, a Prize for Operatic Singing: It is hereby provided that:

1. There shall be an annual prize to be called The Lucy Josephine Bagot Prize.

2. The prize shall consist of the sum of fifteen pounds (\$30)\* and shall be awarded to the student of the Elder Conservatorium who shows the greatest ability in the performance of an approved Operatic Aria, together with a general knowledge of the work from which the Aria is derived.

3. The examiners shall consist of the Director of the Elder Conservatorium and two others to be appointed by the Faculty of Music.

\* Increased by Council to \$50 in 1964.

4. If the examiners do not consider any candidate worthy of the award the prize shall lapse for that year, but in such event an additional prize may be awarded in a subsequent year.

5. The prize shall not be awarded twice to the same person.

6. This statute may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

Allowed 10th July, 1947.

#### Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

Whereas the sisters of the late Selborne Moutray Russell have paid to the University the sum of £1,000 for the purpose of providing in his memory scholarships tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, to be known as the Selborne Moutray Russell Scholarships, tenable at the Elder Conservatorium of Music.

2. One scholarship shall be awarded to a male singer; the other shall be awarded to the player of an orchestral instrument approved by the Director of the Elder Conservatorium.

\*3. The annual value of each scholarship shall be £16/16/0 (\$33.60)§ and shall be applied towards tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 8, each scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Selborne Moutray Russell scholarship in the same subject.

†5A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

6. Every candidate shall pay an examination fee of one guinea (\$2.10)‡ and shall undergo such examination as the Council may direct.

\* Allowed 25th August, 1955.

§ Increased by Council to \$50 in 1964.

‡ Allowed 18th October, 1956.

°7. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in the subject for which the scholarship would have been awarded.

8. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the Diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

†8A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. Each scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

† Allowed 16th December, 1948.

Allowed 11th December, 1947.

° Allowed 25th August, 1955.

#### Chapter LXX.—Of The Varley Scholarship.

Whereas John Varley has paid to the University the sum of £1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be a scholarship to be known as The Varley Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 8, the scholarship shall be awarded to a player of the Viola.

°3. The annual value of the scholarship shall be £33/12/0 (\$67.20)§ and shall be applied towards the payment of fees for one hour's tuition a week in the playing of the viola and tuition in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between the value of the scholarship and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 9, the scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at

\* Allowed 25th August, 1955.

§ Increased by Council to \$100 in 1964.

least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Varley scholarship in the same subject.

6. Every candidate shall pay an examination fee of one guinea (\$2.10)† and shall undergo such examination as the Council may direct.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. If, in the opinion of the examiners, no candidate in Viola at an examination for the scholarship shows sufficient merit, the scholarship shall lapse for the period of one year, and for that year two exhibitions, each of half the value of the scholarship, may be awarded to players of the Violin, the Violoncello, or the Double Bass.

9. Except by special permission of the Director of the Elder Conservatorium, the holder of the scholarship in Viola shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

10. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

11. The scholarship shall be offered for competition either towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

Allowed 16th December, 1948.

† Allowed 18th October, 1956.

#### Chapter LXXI.—Of the Anders and Reimers Scholarships.

Whereas the late Julie Sack has bequeathed to the University the sum of £734 for the purpose of providing two scholarships in memory of her husband and parents tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, one to be known as The Franz and Catherine Anders Scholarship, and the other to be known as The Gustav Reimers Scholarship, each tenable at the Elder Conservatorium of Music.



2. The Franz and Catherine Anders Scholarship shall be awarded to a player of the Double Bass and the Gustav Reimers Scholarship to a player of the Violoncello.

‡3. The value of each scholarship shall be £10/10/0 (\$21)§ a year, payable in equal instalments at the beginning of each Conservatorium term.

4. Each scholarship shall normally be tenable for three years.

5. A candidate for either scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for either of these scholarships in the same subject.

6. Every candidate shall pay an examination fee of one guinea (\$2.10)† and shall undergo such examination as the Council may direct.

\*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. Each scholarship shall be offered for competition either towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

• Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

§ Increased by Council to \$35 in 1964.

Allowed 16th December, 1948.

**Chapter LXXII.—Of The Sir Archibald Strong Memorial Prize for Literature.**

Whereas the University has received from the Misses Ruth and Alfreda Bedford on behalf of their sister, the late Sylvia Bedford, the sum of £500 for the purpose of founding with the income thereof an annual prize for literary work in memory of the late Sir Archibald Strong, formerly the Jury Professor of English Language and Literature in this University, it is hereby provided as follows:

1. A prize of the value of £15 (\$30)\* or such other sum as the Council shall from time to time determine to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered for competition annually.

2. All matriculated or graduate students taking the course in English II in any year shall be eligible to compete for the prize in that year.

3. Provided that there is a candidate of sufficient merit the prize shall be awarded after consideration of each candidate's work, including the final examinations, in English II and of an original essay or poem submitted by him not later than November 20 in the year concerned; the subject of such original essay or poem to have been approved in advance by the Jury Professor of English Language and Literature and the essay or poem not to comprise part of the candidate's prescribed curriculum for the course in English II.

Allowed 22nd December, 1955.

\* Increased by Council to \$50 in 1964.

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**Chapter LXXIII.—Of the J. E. Jenkins Scholarships.**

Whereas the late John Evan Jenkins has bequeathed to the University a portion of his estate for the purpose of founding a scholarship or scholarships in the University of Adelaide, preferably in the agricultural, domestic and social sciences to promote the common benefit of the metropolitan and rural sections of the community, it is hereby provided that:—

1. There shall be two scholarships, to be known as the J. E. Jenkins Scholarships, each of such annual value as the Council shall determine from time to time.

2. One such scholarship shall be tenable by a man and the other by a woman in accordance with the provisions of this Statute.

\*2A. Awards shall be made by the Council on the recommendation of a Committee appointed by the Council from time to time; and in recommending awards the Committee shall take into consideration, in addition to the academic records of the candidates, such other qualities and qualifications of candidates as it may deem appropriate to the general purposes of the scholarships as set out and expressed in the testator's memorandum dated June 3, 1941.

\* Allowed 15th January, 1959.

3. During each academic year of tenure of the scholarship the holder shall reside at a residential University college or hostel affiliated with the University of Adelaide: provided that if in the opinion of the Council there be no suitable accommodation available in a college or hostel in Adelaide the scholar may reside in such University college in the Commonwealth of Australia as he may choose.

4. Each holder of a scholarship shall undertake a course of study approved by the University Council, preferably in the agricultural, domestic or social sciences.

5. Only persons who have fulfilled the requirements for admission to their chosen courses of study shall be eligible to become candidates for the scholarships. Further, a candidate for the scholarship for men shall have come from the country or have been resident for at least twelve months continuously in the country or have served actively for at least twelve months in one of His Majesty's military services. In any case of doubt the Council shall decide what constitutes "country" for the purpose of this clause.

6. A scholarship shall be awarded for one year in the first instance, but subject to continued compliance with the provisions of this statute may be renewed annually while the scholar is pursuing the approved course.

7. Applications for awards or renewals of the scholarships shall be made on the prescribed form and lodged with the Registrar of the University not later than January 31 of each year.

8. Subject to the provisions of Clause 9, payment of the annual value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term.

9. A scholarship may be suspended at any time if the Council is not satisfied with the scholar's progress, and may be determined at any time if in opinion of the Council the scholar be guilty of misconduct.

10. Any income from the endowment not expended at the end of any year shall be added to the capital of the fund for the scholarship concerned.

Allowed 16th December, 1948.

#### Chapter LXXIV.—Of the Gladys Lloyd Thomas Scholarship for Violin.

Whereas Miss Gladys Lloyd Thomas has paid to the University the sum of five hundred pounds for the purpose of encouraging the study of the playing of the violin, it is hereby provided that:—

1. There shall be a scholarship for violin playing to be called The Gladys Lloyd Thomas Scholarship which shall be tenable at the Elder Conservatorium of Music.

\*2. The annual value of the scholarship shall be £16/16/0 (\$33.60)§ and shall be applied towards the payment of fees for tuition in violin

\* Allowed 25th August, 1955.

§ Increased by Council to \$50 in 1964.

playing as a principal subject and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years, but the Council shall on the recommendation of the Director of the Conservatorium have power to extend the period of tenure.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in violin playing tenable for three years or more at the Elder Conservatorium shall be eligible to compete, but this clause shall not render a holder ineligible for an extension of tenure.

5. Every candidate shall pay an examination fee of one guinea (\$2.10)†, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made, the Council on the recommendation of the Director of the Conservatorium shall have power to award an exhibition equal to the value of the scholarship for one year to a student of the Conservatorium of sufficient merit in String playing.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. The scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

† Allowed 18th October, 1956.

11. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 8th December, 1949.

#### Chapter LXXV.—Of the E. Harold Davies Scholarship for Organ.

Whereas the sum of £400,\* raised by private subscription, has been paid to the University for the purpose of founding a scholarship to commemorate the work of E. Harold Davies, Mus.Doc., F.R.C.M., one-time Elder Professor of Music and Director of the Elder Conservatorium of Music, it is hereby provided that:—

1. There shall be a scholarship for organ playing to be called the E. Harold Davies Scholarship for Organ which shall be tenable at the Elder Conservatorium of Music.

†2. The annual value of the scholarship shall be £16/16/0 (\$33.60)§ and shall be applied towards the payment of fees for organ playing as a principal subject and for such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in organ playing tenable for three years at the Elder Conservatorium shall be eligible to compete.

5. Every candidate shall pay an examination fee of one guinea (\$2.10)‡, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made the Director of the Conservatorium shall have power to recommend to the Council that an exhibition equal to the value of the scholarship for one year shall be awarded to a student of the Conservatorium of outstanding merit.

\* Subsequently increased to £500. † Allowed 25th August, 1955.

§ Increased by Council to \$50 in 1964.

‡ Allowed 18th October, 1956.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

8. If a scholar elect not to take the course for the diploma of Associate in Music or the degree of Bachelor of Music he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. The scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture or at the beginning of the following year.

11. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 8th December, 1949.

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#### Chapter LXXVI.—Of the Gavin David Young Lectures in Philosophy.

Whereas the late Jessie Frances Raven has bequeathed to the University the sum of £2,450 for the purpose of establishing a fund in memory of her father, the late Gavin David Young, for the promotion, advancement, teaching and diffusion of the study of Philosophy, it is hereby provided as follows:

1. Series of lectures in Philosophy to be known as The Gavin David Young Lectures, shall be given from time to time in the University of Adelaide in accordance with the provisions of this Statute.

2. Normally, a series of the lectures shall be given every fourth year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecturer, who shall be appointed from time to time by the Council, may be selected from any country in the world; but the lectures shall be given, and subsequently printed, in the English language.

4. The annual income arising from the fund shall accumulate during the intervals between each series of lectures. The income thus accumulated shall be used to pay the honorarium of the lecturer, the costs of

publication of the lectures and such other expenses associated with the giving of the lectures as the Council may from time to time approve. The honorarium of the lecturer shall be £200 (\$400).

5. Admission to the lectures shall be free to the public.

6. This Statute may be varied from time to time, but the title and object of the lectures shall not be changed.

Allowed 17th January, 1952

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### Chapter LXXVII.—Of The Baker Scholarship in Law.

Whereas Robert Colley Baker, Esquire, B.A., has paid to the University the sum of £5,000<sup>\*</sup> for the advancement of the study of Law and for the purpose of founding a scholarship in memory of his father, the Honourable Sir Richard Chaffey Baker, K.C.M.G., K.C., M.A., and of his brother, John Richard Baker, Esq., B.A., LL.B.:

It is hereby provided that:

1. There shall be a Scholarship of the annual value of £150 (\$300) and tenable for two years, to be known as "The Baker Scholarship in Law."

2. The Scholarship may be awarded biennially, or more often if the income of the endowment permits, by the Council to a candidate who satisfies the conditions of this statute and is recommended for such award by the Faculty of Law.

3. A candidate for the Scholarship must have been admitted to, or have become entitled to be admitted to, the degree of Bachelor of Laws in the University of Adelaide.

4. Each recipient of the Scholarship shall be styled "The Baker Scholar" and shall, with a view to presenting a thesis for the degree of Master of Laws, pursue a course of study approved by the Faculty of Law.

5. Payment of the Scholar's stipend shall be made in equal quarterly instalments, and before each payment the Scholar shall satisfy the Dean of the Faculty of Law that he is diligently pursuing his course of study. The last two quarterly payments may, in the discretion of the Faculty of Law, be withheld until the Scholar has submitted his thesis for the degree of Master of Laws.

6. The Scholarship shall not be awarded twice to the same person.

7. If the Faculty of Law shall not consider any candidate worthy of the award, no award shall be made.

8. This statute may be varied from time to time, but the general purpose of the endowment shall not be changed.

<sup>\*</sup> Reduced by succession duty to £4,250, and subsequently restored by capitalisation of accumulated income.

Allowed 17th January, 1952

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Chapter LXXVIII.—Of Lincoln College, Incorporated.

Whereas a residential college in connection with the Methodist Church of Australasia, South Australia Conference, for students of the University, to be known as Lincoln College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University, it is hereby provided that:

Lincoln College, Incorporated, is hereby affiliated to the University of Adelaide as a residential college for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students; and provided further that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 20th December. 1951.

Chapter LXXIX.—Of The Frederick Bevan Scholarship for Singing.

Whereas the sum of £600 has been paid to the University for the purpose of founding a scholarship in singing to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935, it is hereby provided that:

1. There shall be a scholarship for singing to be called The Frederick Bevan Scholarship which shall be tenable at the Elder Conservatorium of Music.

2. The value of the scholarship shall be £21 (\$42)† a year.

3. The scholarship shall be awarded on the result of a competitive examination.

4. Subject to the provisions of clause 9, the scholarship shall be tenable for three years.

5. (1) Every candidate for the scholarship—

(a) shall be a British subject;

(b) shall have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;

(c) shall be not more than 24 years of age on the first day of December in the year in which the examination is held.

(2) No person who holds or has held a scholarship or prize in singing tenable for three years or more at the Elder Conservatorium shall be eligible to compete.

6. Every candidate shall pay an examination fee of one guinea (\$2.10).\*

† Increased by Council to \$60 in 1964.

\* Allowed 18th October, 1956.



7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners no candidate at the prescribed examination shows sufficient merit, the scholarship shall lapse for one year, after which it shall be offered again. If no award be made, the Council shall have power to award an exhibition for one year without examination, to a Singing student of the Conservatorium who shall have been recommended by the Faculty of Music.

9. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if the holder of it is adjudged by the Council to have been guilty of misconduct.

10. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

11. The scholarship shall be offered for competition towards the end of the year in which its tenure expires by effluxion of time, or is determined by resignation or forfeiture, or at the beginning of the following year.

12. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 22nd January, 1953.

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#### Chapter LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Sir Tom Elder Barr Smith has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire:

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship.

During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.

4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.

5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 (\$1,500)\* per annum payable in quarterly instalments in advance.

13. This statute may be varied from time to time, provided that any such variations shall not make the Scholarship tenable otherwise than at Cambridge University nor alter the general object of the Fund as set out in Clause 2 above.

Allowed 25th August, 1955.

\* Increased by Council to \$2,000 in April, 1964.

**Chapter LXXXI.—Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.**

Whereas Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture, it is hereby provided as follows:

1. The scholarship shall be known as "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".

2. The value of the scholarship shall be £600 (\$1,200); and the scholarship shall be offered for competition from time to time as the accumulated net income from the fund becomes sufficient to enable another award to be made.

3. A candidate for the scholarship shall be a graduate in Architecture of the University of Adelaide of not more than five years' standing by the closing date for applications.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Architecture and Town Planning, and in making its recommendations the Faculty shall take into consideration:

- (a) the academic records of candidates, with particular emphasis on the merits of the candidates' theses;
- (b) qualities of character; and
- (c) the likelihood of each candidate's taking an important part in the future of architecture in South Australia.

5. The selected candidate shall submit an itinerary and details of proposed study abroad for approval by the Faculty of Architecture and Town Planning; and confirmation of the award shall be subject to the Faculty's approval.

6. The value of the scholarship shall be paid in three instalments as follows:

- (a) one-third before departure from South Australia;
- (b) one-third on approval by the Faculty of a report from the scholar on the work that he had carried out during his first six months abroad; and
- (c) one-third on approval by the Faculty of a further report on the work that he had carried out during his second six months abroad.

7. The scholar will be expected to return to South Australia not earlier than two years and not later than five years after his departure under the scholarship; and he will be expected to practise the profession of architecture in South Australia for not less than three years after his return.

8. On his return to South Australia the scholar shall, if the University so desires, give one public address relating to the subject of his study, and shall make himself available to the University, if the University so desires, to give a short series of lectures or seminars or both in the Faculty of Architecture and Town Planning.

9. The scholar may undertake paid employment during the tenure of the scholarship provided that such employment is approved by the Faculty of Architecture and Town Planning as appropriate to the general purpose of the scholarship.

10. The monies constituting the fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine.

Allowed 15th January, 1959.

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#### Chapter LXXXII.—Of the Lady Barr Smith Memorial Fund for Cancer Research.

Whereas Sir Tom Elder Barr Smith has given to the University a sum of money for the purpose of establishing a Fund in memory of his wife, the late Nancy Leland Barr Smith: and whereas at his request the said sum has been invested in 15,000 £1 fully paid 5 p.c. Cumulative Preference Shares in Cellulose Australia Limited:

Now it is hereby provided as follows:

1. The Fund shall be called the Lady Barr Smith Memorial Fund for Cancer Research.

2. The object of the Fund shall be to promote study and research in the causes, prevention, treatment and relief of cancer.

3. The Fund may be invested in such securities and in such form as the Council shall from time to time determine, provided that the said Preference Shares shall continue to be held by the Fund by way of such investment unless and until the Company be wound up or be taken over by another company or be merged with another company.

4. The income from the Fund shall be available for the following purposes:

- (a) To maintain a Scholarship to be known as the Lady Barr Smith Scholarship for Cancer Research;
- (b) For the purchase of equipment to support the research work of a Scholar or of other workers whose research work serves the object of the Fund;
- (c) For such other purposes as the Council, on the advice of the Committee of Management, shall approve as serving the object of the Fund.

5. A Committee of Management shall be constituted to advise the Council on the use of the income from the Fund for the purposes set out in Clause 4. The Committee shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council, two members appointed by the Faculty of Science and two by the Faculty of Medicine, and either Sir Tom Elder Barr Smith or his son Tom Elder Barr Smith as his nominee.

6. Unspent income from the Fund shall be accumulated and invested in such securities and in such form as the Council in its absolute discretion shall from time to time determine. The Council may resort

to such accumulations for the purpose of increasing the emoluments of a Scholarship or of awarding two or more Scholarships concurrently, or for such other purpose in accordance with Clauses 4 (b) and (c) as the Council, on the advice of the Committee, shall deem fit.

7. (a) A Scholarship shall be tenable at such place or places, wherever situated, as the Scholar shall select and the Council approve.

(b) A Scholar shall pursue a course of study or research approved by the Council.

(c) A Scholarship shall be tenable for two years in the first instance. On application by a Scholar tenure of his Scholarship may, on the recommendation of the Committee, be extended for a third year and in exceptional circumstances for a fourth year.

(d) The Council, on the advice of the Committee, may terminate tenure of a Scholarship at any time for reasons deemed adequate by the Council.

(e) Unless the Council decides otherwise the value of a Scholarship shall be £750 (\$1,500) a year payable in quarterly instalments in advance.

8. This Statute may be varied from time to time provided that such variations shall not alter the general object of the Fund as set out in Clause 2 above.

Allowed 12th December, 1963.

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#### **Chapter LXXXIV.—Of Kathleen Lumley College Incorporated.**

Kathleen Lumley College Incorporated having been established as a residential college for postgraduate students of the University of Adelaide, and the Interim Council of the College having applied for affiliation of the College to the University of Adelaide, it is hereby provided as follows:

Kathleen Lumley College Incorporated is hereby affiliated to the University of Adelaide as a college for men and women undertaking postgraduate studies in the University of Adelaide: provided that, until the Council of the University of Adelaide shall decide otherwise, the College may admit to its membership men and women undertaking postgraduate studies in the Flinders University of South Australia; and provided further that the number of resident members undertaking postgraduate studies in the Flinders University of South Australia shall not exceed one-third of the total number of resident members.

Allowed 21st December, 1967.

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STANDING ORDERS OF THE SENATE OF THE UNIVERSITY  
OF ADELAIDE

## I. THE OFFICERS OF THE SENATE

1. A member of the Senate shall be elected annually as Warden.
2. The Warden shall preside at all meetings at which he is present.
3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.
4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.
5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.
6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.
7. The Clerk shall prepare, under the direction of the Warden, a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.
  - \*7a. The Clerk shall also cause a copy of the report and recommendations, if any, of the Standing Committee, to accompany the circular calling the meeting.
8. The Clerk shall, under the direction of the Warden, record in a book the Minutes of the Votes and Proceedings of the Senate.
9. Whenever an extraordinary vacancy shall occur in the office of Clerk, or when he shall be unable to act, the Warden may appoint some suitable person to act until a Clerk shall have been appointed.
10. Whenever an extraordinary vacancy shall occur in the office of Warden, or when the Warden shall from any cause be unable to act, the Clerk shall perform the duties of Warden until the next meeting of the Senate.

\* Passed by the Senate, 22nd November, 1961.

## II. MEETINGS OF THE SENATE

11. The Senate shall meet at the University on the fourth Wednesday in the month of November.
12. The Warden may at any time convene a meeting of the Senate.
13. Upon a requisition signed by twenty members of the Senate setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.
14. If after the expiration of a quarter of an hour from the time appointed for the meeting there shall not be twenty members present the meeting shall lapse.

15. If it shall appear on notice being taken, or on the report of a division by the tellers, that twenty members are not present, the Warden shall declare the meeting at an end or adjourned to such time as he shall direct, and such division shall not be entered on the Minutes.

16. The Senate may adjourn any meeting or debate to a future day.

### III. NOTICES.

\*17. Notice of every meeting shall be given by circular posted six clear days before such meeting to the last-known address of every member resident in the State of South Australia, and to such other members of the Senate as may request notices to be forwarded to them.

†18. All notices of motion or of questions and all nominations must reach the Clerk of the University, before noon on the thirtieth day before the day of meeting.

\* Amended by the Senate, 23rd November, 1949.

† Amended by Senate, 23rd November, 1949, 28th November, 1962, and 25th November, 1964.

### IV. CONDUCT OF BUSINESS.

#### A. Agenda.

\*19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

- (a) Reading, amendment, and confirmation of Minutes. Business arising out of the Minutes.
- (b) Election of Warden and Clerk.
- (c) Election of Members of the Standing Committee.
- (d) Election of Members of the Council.
- (e) Questions.
- (f) Business from the Council.
- (g) Motions on the Notice-paper.
- (h) Other business.

\* Amended by the Senate, 22nd November, 1961.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice-paper for the meeting of which it is an adjournment.

#### B. Rules of Debate.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same meeting has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

- (a) By a motion "That the Senate proceed to the next business."
- (b) By the motion: "That the Senate do now adjourn."



45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate.

#### C. Divisions.

46. So soon as a debate upon a question shall be concluded the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

#### D. Elections.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

\*58a. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

‡60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nomina-

\* Passed by the Senate, 28th March, 1894.

‡ Passed by the Senate, 25th November, 1964.

tions will be received. A form of nomination shall accompany each circular.

‡61. Every nomination shall be signed by two members of the Senate; and every candidate nominated shall signify on the nomination form his consent to the nomination. An incomplete nomination or a nomination that reaches the Clerk after the date and time prescribed in the circular shall be invalid.

‡62. The Clerk shall include in the Notice-paper of a meeting at which an election will be held a list of the candidates validly nominated for election, and no other candidate shall be eligible for election at that meeting.

‡63. A candidate duly nominated for any office may subsequently by letter to the Clerk request that his nomination be cancelled, and receipt by the Clerk of such letter shall be held to cancel such nomination.

64. In all elections if no more than the required number of persons be nominated, the Warden shall declare them elected.

\*65. If more than the required number of persons be nominated voting papers shall be distributed and every member present shall vote for the required number of candidates.

66. When the voting papers have been distributed the doors shall be closed until such time as the papers shall have been collected.

67. The Warden shall appoint from the members present as many scrutineers as he shall think proper, and shall assign them their duties.

†68. The votes shall be counted by the scrutineers, and the number of votes given for each candidate shall be reported to the Warden, who shall then declare the result of the election.

†68a. The Warden shall, subject to the Standing Orders, determine finally on questions of detail concerning the election.

#### E. Questions.

69. Questions touching the affairs of the University may be put to the Warden or to the Representative of the Council in the Senate.

70. The Warden may disallow any question which he thinks ought not to be put, and may alter and amend any question which is not in accordance with the Standing Orders, or which is in his opinion injudiciously worded.

71. The Warden or Representative of the Council to whom a question is put, may without reason assigned decline to answer at all or until notice thereof has been duly given.

72. By permission of the Senate any member may put a question in the absence of the member who has given notice of it.

73. By permission of the Senate a member may amend in writing a question of which he has given notice and put it as amended.

74. In putting any question no argument or opinion shall be offered nor shall any facts be stated except so far as may be necessary to explain such question.

‡ Passed by the Senate, 25th November, 1964.

\* Passed by the Senate, 28th March, 1894.

† Passed by the Senate, 26th July, 1922.

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice-paper shall not be recorded in the Minutes, nor shall the answers thereto.

#### F. Committee of the Whole Senate.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

#### V. SELECT COMMITTEES.

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

#### VI. STANDING COMMITTEE OF SENATE.

88. There shall be a Standing Committee of the Senate consisting of the Warden of the Senate, *ex officio*, and twelve members of the Senate elected by the Senate.

89. It shall be the function of the Standing Committee to consider any legislation to be put before the Senate.

90. The Standing Committee shall, at each meeting of the Senate at which business from the Council is before the Senate for its approval, report to the Senate upon such business.

91. The office of a member of the Standing Committee shall become vacant if he:

- (i) dies;
- (ii) declines to act;
- (iii) resigns his office by writing under his hand addressed to the Warden;
- (iv) ceases to reside in South Australia;
- (v) is absent without leave granted by the Standing Committee from three successive meetings of the Committee.

Any vacancy so occurring shall be a casual vacancy and the Standing Committee may elect a member of the Senate to fill such casual vacancy.

92. Meetings of the Standing Committee shall be called by the Warden at least once in every term and at such other times as he shall determine.

93. Six members present shall constitute a quorum of the Standing Committee and the Committee may function notwithstanding a vacancy in its membership so long as a quorum remains.

94. The Warden shall be Chairman of the Standing Committee and shall preside at every meeting of the Committee at which he is present. In the absence of the Warden the members of the Committee present at the meeting shall elect from among themselves a Chairman to preside at the meeting.

95. The Standing Committee shall regulate its own procedure at its meetings.

96. The election of members of the Standing Committee shall be held by the Senate annually at the ordinary meeting of the Senate in November, and subject to Standing Orders 97 to 103, in the same manner as members of the Council are elected.

97. The four members of the Standing Committee who have been longest in office and any member elected by the Standing Committee to a casual vacancy shall retire at the ordinary meeting of the Senate in November but shall be eligible for re-election. If more than four members shall have been in office for the same period the order of their retirement shall be decided by ballot.

98. Any member of the Senate to whom Notice of meetings of the Senate is required by Standing Order 17 to be sent, may, after the date fixed for the receipt of nominations, apply to the Clerk of the Senate for a postal ballot-paper.

99. The Clerk of the Senate shall issue a postal ballot-paper to every member of the Senate who applies therefor in accordance with Standing Order 98, and shall keep a record in the roll of the Senate of the persons to whom such postal ballot-papers have been issued.

100. No vote by means of a postal ballot-paper shall be counted unless:

- (a) it is received at the University before five o'clock in the afternoon of the day preceding the day appointed for the meeting of the Senate;
- (b) the ballot-paper when received at the University is enclosed in an envelope addressed to the Clerk and bearing the voter's name and address.

101. When ballot-papers have been distributed at the meeting, the Warden shall enquire whether any member present has already voted by a postal ballot-paper.

102. If any member of the Senate who has voted by a postal ballot-paper also attends the meeting of the Senate, his postal vote shall not be counted.

103. Scrutineers to count the votes shall be appointed by the Warden from the members of the Senate whether present at the meeting or not and the Clerk of the Senate shall declare the result of the election upon the report of the scrutineers at any time not later than the first Wednesday after the meeting of the Senate.

Passed by the Senate, 22nd November, 1961.

## VII. SUSPENSION OF STANDING ORDERS

104. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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These Standing Orders were originally adopted by the Senate on December 2, 1885. They have been amended as shown in the footnotes since then; and Section VI was adopted by the Senate on November 22, 1961.

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CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1969

PART II.

	Page
The Elder Conservatorium of Music - - - - -	202
Regulations - - - - -	202
Rules - - - - -	204
Scholarships and Prizes - - - - -	205
Institutes and Foundations of the University - - - - -	223
The Waite Agricultural Research Institute - - - - -	223
The Mawson Institute for Antarctic Research - - - - -	224
The Anti-Cancer Foundation - - - - -	225
The Animal Products Research Foundation - - - - -	227
Resolutions Concerning the Commemoration of University Alumni - - - - -	228
Residential Colleges - - - - -	229
Recognition of the University by other Institutions - - - - -	233
Public Lectures and Courses - - - - -	236
The Joseph Fisher Lecture in Commerce - - - - -	236
The Australian Society of Accountants Lecture in Accountancy - - - - -	237
The Robin Memorial Lecture - - - - -	238
The Gavin David Young Lectures in Philosophy - - - - -	239
Adult Education Courses - - - - -	239
Summer School of Business Administration - - - - -	239
Evening Lectures - - - - -	240
Scholarships, Grants, Exhibitions and Prizes - - - - -	241
By Faculty - - - - -	241
Tenable in Different Faculties - - - - -	318
Undergraduate - - - - -	318
Postgraduate within the University - - - - -	325
Postgraduate Awards Tenable Overseas - - - - -	332
Miscellaneous Forms of Financial Assistance - - - - -	341
Prizes Awarded on Public Examinations - - - - -	343
Societies Associated with the University - - - - -	348

## THE ELDER CONSERVATORIUM OF MUSIC

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### REGULATIONS

Whereas the University was enabled by an endowment of \$40,000 from the late Sir Thomas Elder in 1897 to establish the Elder Conservatorium of Music, it is hereby provided as follows:

1. The Conservatorium shall provide courses of instruction and study for the Degree of Bachelor of Music and for the Diploma of Associate in Music of the University of Adelaide in such branches of music as the Council may from time to time approve.

2. The Conservatorium shall also provide for the teaching and study of various branches of music as individual subject studies. The range of studies to be so provided shall be approved from time to time by the Council, and the studies shall be classified as follows: Principal Subjects, Secondary Subjects, Classes. Students may take principal subjects without proceeding to the diploma; and subject to the approval of the Director they may take secondary subjects or attend classes without taking a principal subject.

3. The teaching staff of the Conservatorium shall comprise a Director and such other professors, lecturers, and teachers as the Council shall from time to time appoint.

4. The Conservatorium year shall extend from February until December and shall include thirty-six teaching weeks. It shall be divided into three terms, the dates for beginning and ending terms and vacations being determined annually by the Council.

5. An intending student shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee and sign the Elder Conservatorium students' roll.

6. Except in special circumstances approved by the Director, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering after the first term in any year has begun shall undertake to complete three full and consecutive terms of study. The student, or if he be under the age of twenty-one years his parent or guardian, shall give an undertaking to pay the fees for a year.

7. Each student of a principal subject shall (a) pay an annual general service fee to be prescribed annually by the Council; and (b) attend regularly such series of lecture recitals and concerts in the Conservatorium as may be prescribed by the Director; provided that (i) a student concurrently enrolled for the degree of Bachelor of Music or the Diploma of Associate in Music shall be exempted from



payment of the annual general service fee; and (ii) in exceptional cases and for extraordinary reasons a student may, upon written application to the Director, be exempted from attendance at such lecture recitals and concerts.

8. (a) The tuition fee for a principal subject, with such ancillary work as may be approved by the Director, shall be arranged with the Director in accordance with a scale of fees approved by the Council.

(b) The fees for secondary subjects and for classes shall be prescribed from time to time by the Council.

(c) The entrance fee and the general service fee shall be paid in one sum at the time of enrolment. The tuition fee for the year's work shall be paid *either* in one sum not later than the seventh day after the first day of the first term of the Conservatorium year *or* in three equal instalments each not later than the seventh day after the first day of the relevant term. Except in cases approved in advance by the Registrar of the University later payment will involve also payment of a late fee of \$2.10 on each occasion.

9. At the end of the year a student of a principal subject may, upon application in writing, receive a report on progress from the Director.

10. (a) Scholarships may be established from time to time by the Council, or by private individuals on such conditions as the Council may approve.

(b) Except with the express permission of the Director, the holder of any scholarship tenable within the Conservatorium shall not be a member of any other musical association, nor shall he accept any musical engagement outside the Conservatorium.

11. The Council may from time to time make rules relating to studies in the Conservatorium, and all students shall conform to such rules.

Allowed 16th March, 1961.

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## SCHEDULE OF INDIVIDUAL SUBJECT STUDIES APPROVED BY THE COUNCIL UNDER REGULATION 2

### PRINCIPAL SUBJECTS

(which may also be studied as Secondary Subjects)

*Practical:* Pianoforte; Violin; Viola; Violoncello; Flute; Oboe; Clarinet; Bassoon; French Horn; Double Bass; Trumpet; Trombone; Harp; Percussion; Singing; Organ; Speech and Drama.

*Theoretical:* Harmony; Counterpoint; Composition; Theory of Music.

## CLASS SUBJECTS

Harmony; Counterpoint; General Musical Knowledge; Theory of Music; History and Literature of Music; Musical Criticism and Aesthetics; Musical Form and Analysis; Aural Training; Ensemble and Orchestral Playing; Accompanying; Choral Singing; Speech and Drama; Orchestration; German, French and Italian Languages; Opera; Principles of Class Music Teaching; Scope of School Music; Class Teaching of Practical Subjects.

## SCHEDULE OF FEES PRESCRIBED OR APPROVED BY THE COUNCIL

1. The entrance fee referred to in Regulation 5 shall be \$2.10.
2. Except in subjects (if any) approved by the Council, the fee for a Principal Subject shall be not less than \$99.00 a year, or \$33.00 a term, for a weekly 30-minute lesson.
3. The fee for a Secondary Subject shall be not less than \$49.50 a year or \$16.50 a term, for a weekly 20-minute lesson.
4. The fee for each Class Subject shall be not less than \$15.00 a year.
5. The fee for Junior Classes for string and woodwind instruments shall be not less than \$30.00 a year.
6. The fee for all other practical classes shall be not less than \$15.00 a year.
7. The General Service Fee shall be \$3.00 a year.
8. The fee for a principal subject includes attendance at such classes as the Director may require or approve.
9. For the fees payable for the diploma courses, see the schedule made under the regulations governing the diploma.

D. 2482/65.

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## OF THE ELDER CONSERVATORIUM

### RULES MADE BY THE COUNCIL UNDER REGULATION 11

1. Subject to approval by the Director, arrangements for receiving tuition in principal and secondary subjects shall be made by the student in consultation with his teacher.
2. All fees shall be paid to the Registrar of the University in accordance with Regulation 8 (c).
3. A student shall attend punctually at the time appointed for his lesson, and in the event of absence shall notify the Conservatorium office.
4. A student shall not, except in extraordinary cases approved by the Director, receive his lessons elsewhere than at the Conservatorium.
5. A student of a principal or secondary subject shall attend such orchestral, vocal, or other class as the Director may deem essential to his progress.

6. A student of a principal or secondary subject shall not take part in any public concert or accept any public engagement, elsewhere than at the Conservatorium, except by permission of the Director.

7. A student shall not, except by permission of the Director, publish any composition; and he shall deposit a copy of any composition published with the Director's permission in the Library of the Conservatorium.

8. A student guilty of impropriety or breach of these rules shall be reported to the University Board of Discipline.

Made by Council, 28th October, 1960.

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## THE ELDER SCHOLARSHIPS REGULATIONS

1. Scholarships to be held at the Elder Conservatorium, and known as Elder Scholarships, shall be offered for competition among Australasian students of music.

\*2. One scholarship shall for the present be awarded in each of the following subjects:—Singing; Pianoforte; Violin; Organ; Violoncello.

†3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No candidate who holds, or who has held, any other scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects, shall be eligible to compete for an Elder Scholarship in the same subject.

4. Candidates for scholarships shall undergo such examination as the Council may from time to time direct. An examination fee of \$2.10§ shall be paid by each candidate.

5. Should none of the candidates competing for a scholarship in any subject show sufficient merit, or should there be no candidates, it may be left vacant until such time as the Council shall direct, or the Council may award it for another subject.

6. A scholarship shall be tenable for three years, unless sooner determined under Regulation 7, and shall entitle the holder to free tuition in one principal and one or more secondary subjects, to be approved by the Director.

The principal subject of study shall be the subject for which the scholarship was awarded. Scholars taking Violin as the principal subject of study shall, unless exempted by the Director, also study the Viola. The period of tenure may be extended by the Council, but a scholarship shall not be awarded a second time to the same student for the same principal subject, and no person may hold more than one of the Elder Scholarships at the same time.

\* Allowed 2nd December, 1926. † Allowed 30th November, 1933.

§ Allowed 18th October, 1956.

\*7. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

†8. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

†8a. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. A person elected to a scholarship who, by reason of being able to pay for his or her education, or for other sufficient reason, declines to accept the emoluments thereof, may bear the title of Honorary Elder Scholar. In such a case the Council may direct that the funds of the scholarship be devoted to assist deserving students to meet the cost of their musical education.

10. These Regulations may be varied from time to time.

‡ Allowed 16th December, 1948.      Allowed 13th December, 1917.

° Allowed 10th December, 1925.

#### Awards.

For previous awards, see Calendars from 1908.

1965—

McSkimming, David G. (Pianoforte).

Zakis, Mara L. (Violin).

Baker, Murray S. (Organ).

1967—

Tiver, Guila J. (Singing).

Laurs, Janis (Violoncello).

1968—

Meyer, Eleonora S. (Violin).

Norman, Terence J. (Organ).

### Elder Conservatorium Free Scholarship

#### RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each

student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

#### The Alexander Clark Memorial Prize

This prize was founded in 1917 by the Public Schools Decoration and Floral Societies in memory of Alexander Clark. It is of the annual value of \$25.00, and is tenable for three years at the Elder Conservatorium.

For conditions, see Statutes, Chapter XXXVII.

#### Awards.

For previous awards, see Calendars from 1934.

For 1960—

Brewster, Christine J. (Singing).

For 1964—

Johnson, Yvonne M. (Singing).

For 1966—

Williams, Graham N. (Organ).

#### The Eugene Alderman Scholarships

Two scholarships were founded in 1918 in memory of Eugene Alderman. One scholarship must be awarded for Violin; the other is available for competition in violin, violoncello, pianoforte, organ and singing with preference to violin in case of equality of merit.

For conditions, see Chapter XLI of the Statutes.

#### Awards.

For previous awards, see Calendars from 1924.

For 1964—

Thomson, Damien B. (Violin).

For 1965—

Larsens, Gunars (Violin).

For 1967—

Seager, Janet F. (Violin).

For 1968—

Walsh, Michele B. (Violin).

### The Selborne Moutray Russell Scholarships

In 1947 the sisters of the late Selborne Moutray Russell founded in his memory two scholarships each tenable for three years at the Elder Conservatorium of Music. One scholarship is for a male singer, the other for an orchestral instrument.

For conditions, see Statutes, Chapter LXIX.

#### Awards.

For previous awards, see Calendars from 1954.

For 1964—

Gill, Peter G. (Singing).

For 1965—

Roberts, Susan P. (Violin).

For 1967—

Messner, Brian K. (Singing).

For 1968—

White, Leon A. (Violin).

### The Lucy Josephine Bagot Prize

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII.

#### Awards.

For previous awards, see Calendars from 1954.

1965—Alderton, Shirley

1967—Neck, Anthony R.

1966—Edmonds, Thomas J.

1968—Patterson, Dean J.

### The Varley Scholarship

This scholarship, tenable for three years by a player of the viola, was founded in 1948 by John Varley with a gift of \$2,000.

For conditions, see Statutes, Chapter LXX.

#### Awards.

For previous awards, see Calendars from 1958.

For 1962—

Gare, Brian L.  
(One-year Exhibition)

Larsens, Gunars  
(One-year Exhibition)

For 1963—

Thomson, Damien Balfour  
(One-year Exhibition)

For 1964—  
Meyer, Michael C.

For 1967—  
Thomson, Damien B.

### The Anders and Reimers Scholarships

These scholarships, each tenable for three years, were founded in 1948 by a bequest from the late Julie Sack.

For conditions, see Statutes, Chapter LXXI.

The Franz and Catherine Anders Scholarship is tenable by a player of the Double Bass.

#### Awards.

For 1961— Rozelaar, Amanda M. (One-year Exhibition)	For 1965— Wesley Smith, Peter
For 1962— Wickes, Lewis C.	For 1967— Schrama, Maria H. (One-year Exhibition)

The Gustav Reimers Scholarship is tenable by a player of the Violoncello.

#### Awards.

For 1957—Robjohns, Gwenyth.	For 1964— Ferwerda, John D.
For 1960— Rozelaar, Amanda M. (One-year Exhibition)	For 1966— Barrett, Robert J.
For 1961— Finnis, Catherine M.	For 1969— Bills, Heather C.

### The Robert Whinham Prize for Elocution

Whereas the Trustees of the late Robert Whinham have given the sum of \$168.95 for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The prize shall be called The Robert Whinham Prize.
2. The prize shall be of the annual value of \$10, and shall be offered at a special examination in the third term of each year.
3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.
5. Candidates shall be examined in the following subjects:—(a) Reciting; (b) Reading at sight; (c) Prepared reading or Prepared speaking (at the option of the candidate).

6. These rules may be varied from time to time by the Council.

Made by Council, 30th October, 1914.

## Awards.

For previous awards, see Calendars from 1911.

1959—Annear, Gwenyth.                      1961—Christie, Ann W.  
1960—Osborn, Thomas R.

**The Gladys Lloyd Thomas Scholarship for Violin**

This scholarship was first provided by Miss Thomas in 1945 and was endowed by her in 1949.

For conditions, see Statutes, Chapter LXXIV.

## Awards.

For previous awards, see Calendars from 1946.

For 1960—	For 1964—
Simpson, Anne.	Farkas, Ibojka Rosa
For 1963—	For 1967—
Larsens, Mairita.	Macdonald, Mary Y.

**The E. Harold Davies Scholarship for Organ**

This Scholarship was founded by public subscription in 1949 to commemorate Dr. E. Harold Davies, for 28 years Elder Professor of Music.

For conditions, see Chapter LXXV of the Statutes.

## Awards.

For previous awards, see Calendars from 1951.

For 1960—	For 1964—
Smith, David A.	Baghurst, Andrew H.
For 1963—	For 1967—
Lakin, Angela Mary (One-year Exhibition)	MacDougall, Allan L.

**Florence Cooke Violin Prize**

On its dissolution in 1960 the Elder Conservatorium Old Scholars' Association paid the sum of \$200 to the University for the maintenance of the prize, which had until then been administered by the Association.

The value of the prize is \$10. The prizemoney is to be spent on music or books with the approval of the Director of the Elder Conservatorium.

A candidate for the prize must be a promising and deserving student who is not already the holder of a scholarship or prize in the Elder Conservatorium for the current year. Teachers make recommendations to the Director, who selects the winner. (D. 2603/60)

## Award.

For 1965—  
    Larsens, Mairita.



### The Dr. Ruby Davy Prize for Composition

#### RULES

Whereas the late Dr. Ruby Davy has bequeathed to the University the sum of \$600 to found a prize for the composition of music it is hereby provided as follows:

1. There shall be a prize of the value of not less than \$30, to be called The Dr. Ruby Davy Prize.
2. The Prize shall be awarded annually to the student of the School of Music or of the Elder Conservatorium of Music who submits the most meritorious composition in accordance with the conditions prescribed for the competition in that year.
3. The Faculty of Music shall from year to year—
  - (a) prescribe the nature of the competition for the ensuing year;
  - (b) prescribe the conditions that shall apply to the competition for that year; and
  - (c) appoint a Board of Examiners, the Chairman of which shall be the Elder Professor of Music.
4. If in the opinion of the examiners at any competition no candidate submits a composition worthy of the award the Prize shall lapse for that year; and the value of the Prize for that year shall be added to the capital of the endowment.
5. The Prize shall not be awarded twice to the same person.
6. These rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

#### Awards

For 1965—  
Wesley Smith, Martin.  
For 1966—  
Edwards, Ross A.

For 1967—  
Dudley, Grahame H.  
For 1968—  
Pike, Jennifer R.

### The Guli Magarey Fund and Scholarship

#### RULES

Whereas the late Gulielma Magarey has bequeathed to the University two sums each of \$1,000, one for the purpose of establishing a fund to supplement the value of the Elder Scholarship tenable at the Royal College of Music, London, and the other for the purpose of founding a Scholarship tenable in the Elder Conservatorium of Music:

The following rules are hereby made:

#### THE GULI MAGAREY FUND

1. The sum of \$1,000 shall be set aside, known as the Guli Magarey Fund, and invested; and the sum of \$50 a year shall be paid to the current holder for the time being of the South Australian Scholarship tenable at the Royal College of Music, London, founded by the late Sir Thomas Elder.

2. If the said Scholarship shall be vacant for any period income from the Fund at the rate of \$50 a year shall accumulate during that period and subsequently be paid to the next holder of the Scholarship.

3. Subject to the provision of Clause 2, payment to the Scholar shall be made annually in or about January of each year, each payment comprising the total amount available for that purpose under Clauses 1 and 2 since the last payment had been made.

#### THE GULI MAGAREY SCHOLARSHIP

4. The Guli Magarey Scholarship shall be of the annual value of \$50 shall be available for award annually and shall be tenable for one year. It shall be awarded for singing to a female student of the Elder Conservatorium of Music.

5. A candidate for the Scholarship shall have been resident in South Australia and shall have been a student at the Elder Conservatorium of Music for at least six months prior to, and shall be not less than seventeen or more than twenty-four years of age on, the first day of December of the year in which the examination is held.

6. Every candidate for the Scholarship shall pay an examination fee of \$2.10, and shall undergo such examination as the Council may direct.

7. The Scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners in any year there is no candidate of sufficient merit, no award shall be made and the moneys which would have been paid had the Scholarship been awarded shall be added to the value of the Scholarship on the next occasion on which an award is made.

9. These Rules may be varied from time to time but the title and general purposes of the endowment shall not be changed.

#### Awards.

For previous awards, see Calendars from 1956.

For 1966—		For 1968—
Leak, Nina J.	} shared	Leak, Nina J.
Edwards, Judith N.		For 1969—
For 1967—		Schulz, Sonia
Cummins, Margaret E.		

#### The Frederick Bevan Scholarship for Singing

This scholarship was founded in 1952 to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935. It is tenable for three years.

For conditions, see Chapter LXXIX of the Statutes.

#### Awards.

For previous awards, see Calendars from 1953.

For 1959—		For 1965—
Annear, Gwenyth.		Auger, Meredith Mary
For 1962—		For 1968—
Birmingham, Jennifer A.		Sheppard, Deirdre

## Orchestral Scholarships

Since 1939 the Council has offered annually five scholarships for orchestral instruments, tenable at the Elder Conservatorium, in accordance with the following rules:—

1. One scholarship is offered for each of the following subjects:—  
Flute; Oboe; Clarinet; Bassoon; French Horn.
2. The age limit of candidates shall not be more than 24 years on the first day of December in the year in which the examination is held.
3. A candidate may not hold more than one of these scholarships at any one time.
4. Candidates for scholarships shall undergo such examination as the Council may from time to time prescribe. An examination fee of \$2.10 shall be paid by each candidate.
5. If there is no candidate, or no candidate of sufficient merit, for any scholarship the scholarship shall be left vacant until such time, and shall be filled in such manner, as the Council shall decide.
6. A scholarship shall be tenable in the first instance for one year. It shall then be re-offered for competition and the holder shall be eligible for re-appointment to the scholarship for a second year. No scholarship shall be awarded to the same candidate for more than two years.
7. A scholarship shall entitle the holder to free tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Conservatorium.
8. A scholarship may be terminated by the Council at any time if in the opinion of the Council the scholar is not making sufficient progress, or for any other reason deemed sufficient by the Council.

## Awards.

For previous awards, see Calendars from 1941.

## For 1967—

Lohe, Gregory J. (Flute).  
Foster, Ann E. (Oboe).  
Gibberd, Robert W. (Clarinet).  
Hansford, Norman D. (French Horn).  
Venning, Maurice M. (Bassoon).

## For 1968—

Fairhall, Helen E. (Flute)  
Foster, Ann E. (Oboe)  
Hay, Brenton J. (Clarinet)  
McSkimming, David G. (French Horn)  
Smith, Cheryl D. (Bassoon)

## For 1969—

Lohe, Gregory J. (Flute).  
Anderson, Katherine L. (Oboe).  
Hobba, Anthony L. (Clarinet).  
Davies, Colleen M. (French Horn).

### Elder Overseas Scholarship

This scholarship, which is open for competition amongst native-born South Australians, was established by a bequest of \$6,000 by Sir Thomas Elder to the Royal College of Music, London. The scholarship is tenable at the Royal College for a period of three years which in some cases may be extended to four years; its present value is about \$260 a year, which must be applied towards the payment of fees.

In 1965 Elder Smith Goldsbrough Mort Ltd. agreed to supplement the Elder Overseas Scholarship by a sum of \$1,230 a year in order to maintain the scholar while he or she is actually engaged in studies, under the provisions of the scholarship, at the Royal College of Music. This supplementary allowance is payable in instalments—one at the beginning of each term at the Royal College of Music—subject to submission of evidence of enrolment and satisfactory progress at the Royal College of Music.

In 1966, Mrs. C. M. Macgregor gave to the University the sum of \$20,000 as an endowment, the income from which should be applied for the benefit of the person who for the time being held the Elder Scholarship awarded by the Royal College of Music. The income from this Fund may be applied as follows: (a) for fares and expenses in travelling between Adelaide and London; (b) for fares and expenses in travelling from London to various centres in Europe for the purpose of advancing the scholar's general musical education, including the study of European languages, musical literature and history, and improving the scholar's general education; (c) for the maintenance or additional maintenance and general expenses of the Elder Scholar. The income from this endowment is \$1,000 a year. Expenditure from it must be in accordance with the foregoing terms; application in writing, in advance of expenditure, setting out the sums requested for these purposes, must therefore be made in writing by the scholar to the Registrar of the University.

It is understood that fees payable to the Royal College are now (1968) greater than the income from the capital sum held by the College. The scholar must therefore pay the balance; this liability may be met from the annual supplement by Elder Smith Goldsbrough Mort Limited and the income from the Guli Magarey Fund.

The scholarship is offered for competition every three or four years, the scholar being chosen on the results of a special examination.

#### Awards.

For previous awards, see Calendars from 1954.

1954—Schramm, Kathryn.

1961—Hearne, Janice L.

1957—Stubbs, Ruth M.

1964—Finnis, Catherine M.

### The Maude Puddy Scholarship

Whereas the sum of \$1,000 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.

2. The annual value of the Scholarship shall be \$50, or such other sum as the Council may from time to time determine, and shall be applied towards tuition in pianoforte playing and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of Clause 8, the Scholarship shall be tenable for three years, but the Council, on the recommendation of the Director of the Elder Conservatorium, may extend the period of tenure.

4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the Scholarship shall lapse for one year, after which it shall be offered again. If the Scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition equal to the annual value of the Scholarship for one year to a student of the Conservatorium of outstanding merit.

5. Every candidate for the Scholarship shall pay an examination fee of \$2.10, and shall undergo such examination as the Council may approve.

6. No person who has previously held the Scholarship may be a candidate for it.

7. The Scholarship shall be awarded to the candidate who shows the greatest talent and promise in pianoforte playing, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the Diploma of Associate in Music or the course for the Degree of Bachelor of Music.

8. If a Scholar elect not to take the course for either the Diploma of Associate in Music or the Degree of Bachelor of Music, he shall be required to pass an examination in pianoforte at the end of each year of the Scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall decide otherwise. A Scholarship may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

9. A Scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. These rules may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

#### Awards.

For previous awards, see Calendars from 1955.

For 1958—Chappell, Glenys M.      For 1964 — Gallasch, Wendy A.  
For 1961—Madge, Geoffrey D.      For 1967—Thiem, Judith R.

### The Athol Lykke Award for Postgraduate Studies in Music

Whereas the sum of \$3,720, raised by a Committee of Citizens to commemorate the work of Athol Lykke for music in South Australia, has been paid to the University for the purpose of promoting postgraduate studies in Music, it is hereby provided as follows:

1. There shall be an Award to be called The Athol Lykke Award for Postgraduate Studies in Music.

2. The value of the Award shall be not less than \$600, an Award shall be offered from time to time as often as the income from the fund permits; and the first Award shall be offered in 1959. No award shall be made unless there is a candidate of sufficient merit.

3. A candidate for an Award shall be a graduate in Music, or a holder of the Diploma of Associate in Music, of the University of Adelaide. Preference will be given to graduates or diploma holders of not more than five years' standing.

4. Every candidate shall pay an entrance fee of \$2.10.

5. The Award shall be made by a Committee under the Chairmanship of the Dean of the Faculty of Music, appointed for the purpose by the Faculty of Music.

6. The holder of an Award shall pursue an advanced course of study approved by the Faculty of Music.

7. Within such time after receiving the Award as the Council shall in each case allow, the Scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the Award is tenable in gaining musical knowledge and experience in such a manner as may be approved by the Council: provided that on the recommendation of the Faculty of Music the Council may grant the Scholar permission to spend the whole or part of his time in study or practical training on the Continent of Europe, or in Canada, or in the United States of America, or in Australia.

8. Payment of the Award shall be made in such instalments as the Faculty may determine, provided that the University may at any time suspend payment if it is not satisfied with the holder's progress in his studies.

9. These rules may be varied from time to time, but the title and purpose of the Award shall not be changed.

#### Awards.

1964—Cann, Melvyn R.

1969—Dudley, Grahame H.

1965—Tobin, Ashleigh H.

### The Lienau Scholarship

Whereas Christian Hans Augustus Lienau has bequeathed to the University the sum of \$1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:—

1. There shall be a scholarship to be known as the Lienau Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 7, the scholarship shall be awarded to a Tenor.

3. The scholarship, which shall be available for award annually, shall be tenable for one year. Its value shall be \$60, and shall be applied by a student of the Tenor Voice towards payment of fees for the study of singing and such secondary subjects as may be approved by the Director of the Elder Conservatorium.

4. A candidate for the scholarship shall be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

5. Every candidate for the scholarship shall pay an examination fee of \$2.10 and shall undergo such examination as the Council may direct.

6. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

7. If in the opinion of the examiners no candidate at an examination for the scholarship shows sufficient merit the scholarship shall lapse for one year after which it shall be offered again. If a scholarship so lapses, the Council on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year to the value of \$60 to a student of the Elder Conservatorium of outstanding merit in singing.

8. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. Allowing for the conditions of the award of an Exhibition under Clause 7, the scholarship shall be offered for competition only when the value of it has reached the sum of \$60.

#### Awards.

1966—Younger, Graham J.

1968—Patterson, Dean J.  
(Exhibition)

1967—Klinberg, June M.  
(Exhibition)

1969—Cummins, Margaret E.  
(Exhibition)

#### The Clement Q. Williams Prize

Whereas the sum of \$1,000 has been raised by a Committee of former students of Clement Q. Williams, Teacher of Singing in the Elder Conservatorium of Music from 1948 to 1957, and paid to the University for the purpose of founding an annual prize to commemorate his work, it is hereby provided as follows:

1. A prize, to be known as the Clement Q. Williams Prize, shall be offered for competition annually.

2. The first competition for the Prize shall be held in May, 1959. On that occasion, to be eligible to compete for the Prize, a candidate must have been enrolled as a student of the Elder Conservatorium for

the first term of 1959. For all competitions after the first a candidate must have been enrolled as a student of the Elder Conservatorium for the two terms preceding the competition. There is no age limit or restriction of nationality for competitors.

3. The Prize shall consist of the sum of \$50 and, subject to Rules 6 and 7, shall be awarded to the candidate who shows the greatest ability and understanding in the performance of an approved programme of German Lieder.

4. The candidate shall enter for examination on the prescribed form by a date fixed each year, the entry fee being \$2.10 and each candidate shall submit with his entry, for approval by the Director of the Elder Conservatorium, a programme requiring about fifteen minutes to perform.

5. The examiners shall be the Director of the Elder Conservatorium of Music, and two others to be appointed by the Faculty of Music.

6. If the examiners do not consider any candidate worthy of the award the Prize shall lapse for that year, but in such an event an additional Prize may be awarded in a subsequent year.

7. The Prize shall not be awarded twice to the same student.

8. These rules may be varied from time to time, but the title and the general purpose of the endowment shall not be changed.

#### Awards.

For 1963—Harrison, Powell J.	For 1966—Senior, Anne C.
For 1964—Patterson, Dean J.	For 1967—Carter, Jane E.
For 1965—Edmonds, Thomas J.	For 1968—Turner, Barbara J.

#### The Kloeden-McCormick-Goodhart Scholarship

Whereas Mrs. Leander McCormick-Goodhart has offered to provide annually the value of a Scholarship in Singing as a principal subject at the Elder Conservatorium, to be called "The Kloeden-McCormick-Goodhart Scholarship", the following rules are hereby made:

1. Subject to receipt of the regular annual contribution from the donor, the value of the Scholarship shall be about \$90 and the Scholarship shall be offered for award annually.

2. The Scholarship may be awarded to the same person more than once.

3. All matters concerning the award of the Scholarship shall be determined by the Director of the Elder Conservatorium.

#### Awards.

For 1960—Hearne, Janice.	For 1962—Macpherson, Margaret.
For 1961—Hearne, Janice.	1963/67—No award.



### The William Silver Scholarship

Whereas friends and pupils of the late William Silver, a teacher in the Elder Conservatorium of Music from 1919 to 1947 have paid to the University the sum of \$3,200 for the purpose of founding a Scholarship for Pianoforte to perpetuate the name of William Silver, the following rules are hereby made:

1. There shall be a Scholarship for Pianoforte, to be known as the William Silver Scholarship.

2. The value of the Scholarship, until determined otherwise by the Council, shall be \$160 a year. If this sum be more than the annual fees payable by the Scholar for his studies in the Elder Conservatorium the balance shall be spent by the Scholar on items associated with his studies and approved by the Director of the Elder Conservatorium.

3. (a) The Scholarship shall be tenable for three years during which the Scholar shall study pianoforte playing as a principal subject in the Elder Conservatorium of Music and shall pursue such associated studies in the Conservatorium as the Director of the Conservatorium shall require.

(b) The annual value of the Scholarship shall be paid in three equal instalments, one at the beginning of each term; provided that payment of the second and third instalments each year shall be subject to the Scholar's progress during the preceding term or terms being satisfactory to the Director.

(c) If a Scholar's progress is not satisfactory to the Director the Scholarship shall be suspended pending decision by the Council as to the conditions on which it may be restored or whether it shall be forfeited.

(d) The Council may terminate a scholarship at any time if in the Council's opinion the Scholar be guilty of misconduct.

4. A candidate for the Scholarship shall:

(i) be not more than 18 years of age on December 31 of the year in which he competes;

(ii) pay an examination fee of \$2;

(iii) undergo such examination as the Council may approve.

5. The Scholarship shall be awarded to the candidate who shows the greatest talent and promise in pianoforte playing and not necessarily to the most advanced performer at the examination.

6. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

7. If at any examination for a Scholarship no award be made the Scholarship shall not be offered again for competition until a period of about one year has elapsed.

8. Any accumulated income after provision of the scholarships shall from time to time be added to the capital sum and the value of the scholarship increased by such amount as the Council shall determine.

9. These rules may be varied from time to time by the Council, but the title and general purpose of the Scholarship shall not be changed. D. 1589/64.

## Awards

1966—Lockett, David R.

1968—Waters, Peter R.

**The Mrs. Arno Pontt (May Gepp) Scholarship**

Whereas the late Arno F. Pontt has bequeathed to the University the sum of \$1,000 for the purpose of providing a Scholarship in Music, it is hereby provided as follows:

1. There shall be a Scholarship called the Mrs. Arno Pontt (May Gepp) Scholarship.

2. The Scholarship, which shall be for an orchestral instrument, shall be available for award annually and shall be tenable for one year.

3. The annual value of the Scholarship shall be \$50 and shall be applied towards the payment of fees for instruction in an orchestral instrument at the Elder Conservatorium of Music. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fee prescribed for tuition in an orchestral instrument as a principal subject.

4. Every candidate for the Scholarship shall pay an examination fee of \$2 and shall undergo such examination as the Council may prescribe.

5. A candidate for the Scholarship shall have been a student at the Elder Conservatorium of Music for at least six months prior to, and shall be not more than twenty-four years of age on, the first day of December of the year in which the examination is held.

6. The Scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer, at the examination.

7. A scholar shall be eligible for re-appointment to the Scholarship but the Scholarship shall not be awarded to the same person for more than three years.

8. If, in the opinion of the examiners, no candidate at the examination for the Scholarship shows sufficient merit, the Scholarship shall lapse for that year, but in such an event an additional Scholarship may be awarded in a subsequent year.

9. The Scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may direct.

10. These rules may be varied from time to time, but the title and purpose shall not be changed. D. 1574/65

## Award.

For 1966—Kazimierczak,  
Bogdan.

For 1968—Hinson, Kym L.

For 1967—Kazimierczak,  
Bogdan.

For 1969—Askill, Michael J.

### The Norman Chinner Scholarship

Whereas the Adelaide Philharmonic Choir Incorporated has given to the University the sum of \$1,200 for the purpose of founding a Scholarship to perpetuate the name of Norman Chinner, a student of the Elder Conservatorium of Music from 1928 to 1937 and Conductor of the Choir from 1941 to 1961, the following rules are hereby made:

1. A Scholarship, to be known as the Norman Chinner Scholarship, shall be offered for competition at the end of 1966 and every second year thereafter. If no award be made at a competition the Scholarship shall be offered again in the following year; but such deferred offering of one Scholarship shall not delay the offering of the next Scholarship at the normal time.

2. The value of the Scholarship, until otherwise determined by the Council, shall be \$120.

3. (a) To be eligible to compete for the Scholarship a candidate shall have studied organ playing as a principal or secondary subject in the Elder Conservatorium for at least two years and shall have shown to the satisfaction of the Director of the Conservatorium an interest in choral work and conducting.

(b) There shall be no age limit for candidates.

(c) A candidate for the Scholarship shall pay an examination fee of \$2 and shall undergo such examination as the examiners may require.

4. (a) The examiners for the Scholarship shall include, if he be willing and able to act, the Conductor of the Adelaide Philharmonic Choir.

(b) In deciding the award the examiners shall take into consideration the likelihood of a candidate's taking an active part in choral work and conducting after tenure of the Scholarship.

5. (a) The Scholarship shall be tenable for one year during which the Scholar shall study organ playing as a principal subject in the Elder Conservatorium of Music and shall pursue such studies in choral conducting as the Director of the Conservatorium shall require.

(b) The value of the Scholarship shall be paid in three equal instalments, one at the beginning of each term during the year of tenure: provided that payment of the second and third instalments shall be subject to the Scholar's progress during the preceding term or terms being satisfactory to the Director.

(c) The Scholar may not hold concurrently any other scholarship for organ in the Elder Conservatorium of Music.

6. A Scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

7. Accumulated income after provision of the Scholarships shall from time to time be added to the capital sum and the value of the Scholarship increased by such amount as the Council shall determine.

8. These rules may be varied from time to time by the Council, but the title and general purpose of the Scholarship shall not be changed.

Award.

For 1967—Baghurst, Andrew H.

**Fund for Elder Conservatorium Students in need of assistance**

RULES

1. Help will be given only in exceptional cases and then on the understanding that any amount advanced should, if possible, *be repaid later* (but this proviso need not be obligatory).

2. Only persons who have already completed at least one year of study in the School of Music and who would otherwise be obliged to discontinue their studies are eligible for assistance from the fund.

3. Any application for assistance from the fund shall be communicated by the teacher of the applicant to the Director who, after making such investigations as he may think fit, will submit a recommendation to the Vice-Chancellor and the Registrar.

4. Any assistance granted from the fund is to be applied solely to the payment of fees for tuition or for examinations at the Elder Conservatorium.

5. The Vice-Chancellor, the Registrar and the Director shall together decide upon the amount of the assistance to be given and shall generally be responsible to the Council for the proper administration of the fund,

D.470/46

**“The Advertiser” John Bishop Memorial Fund**

In 1966 Advertiser Newspapers Limited gave to the University the sum of \$10,000 to fund a continuing memorial to the late Professor John Bishop, Elder Professor of Music from 1948 to 1964 and first Artistic Director of the Adelaide Festival of Arts.

With the income from the fund the University commissions every second year a substantial original musical composition which is offered for performance at a John Bishop Memorial Concert at the ensuing Festival of Arts. If for any reason the work should not be performed during the Festival the University will arrange a concert at which it will be performed.

Commissions

For the 1968 Festival: Mr. Peter Sculthorpe.

For the 1970 Festival: Mr. Richard Meale.



## INSTITUTES AND FOUNDATIONS OF THE UNIVERSITY

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### The Waite Agricultural Research Institute

The Waite Agricultural Research Institute was established in 1924 as a result of the gift of the late Mr. Peter Waite to the University of Adelaide for the purpose of furthering the cause of research in agriculture and allied subjects. The original endowment comprises an estate of 299 acres of agricultural and grazing land situated near Glen Osmond, a mansion house, and a Trust Fund of \$116,900.

Subsequent endowments, the income from which is devoted to the work of the Institute, include those of the late Mrs. Elizabeth Macmeiken and Miss Lily Waite, daughters of Mr. Peter Waite, the Ranson Mortlock Trust, the gift of the late Mrs. Rosye F. Mortlock and Mr. J. T. Mortlock, part of the residuary estates of the late Mr. Hugh Hughes and of the late Mr. W. H. Sandland, and the estate of the late Mr. W. D. Grigg.

The estate lies on the scarp of the Adelaide foothills, within four miles of the city of Adelaide. Portion of the estate comprises wheat land, 280-390 feet above sea-level, whilst the remainder is representative of the hilly country at the foothills of the Mount Lofty Ranges. To the original gift has been added 100 acres by purchase, while by agreement with the Department of Education of South Australia, the Institute has used for experimental purposes some 70 acres belonging to Urrbrae Agricultural High School. This area is, however, progressively being resumed by the school and the Institute will not have access to this valuable property after 1970.

This area is now in process of being resumed by the Department for the purposes of secondary education. The reduction in the experimental area has however been offset by the transfer to the University of about 900 acres of land near Mintaro. Much of this is being developed as the Mortlock Experiment Station and will provide additional field facilities for animal, pasture and crop research programmes.

The laboratories have been made possible through the generosity of the late Sir John Melrose and the families of the late Mr. John Darling and Mr. Frederick Ranson Mortlock. The John Melrose Laboratory was opened in 1929, the John Darling Laboratory in 1930, and the Ranson Mortlock Laboratory in 1938. A laboratory designed for undergraduate teaching was added in 1948, and in 1959 the Departments of Entomology and Plant Pathology were housed in the new East Wing.

In addition to the laboratories, a range of glasshouses, an isotope laboratory, cool house, farm buildings, five field laboratories, a workshop, small animal house and insectary have been erected since 1925. The first stage of a new building to house the Institute's library was completed at the end of 1965.

Interest on the original and subsequent endowments contributes little to the running costs of the Institute which derives the greater part of its income from grants to the University by the Government of South Australia. However grants from a wide variety of foundations, primary industries and private firms have increased markedly in recent years and are of major assistance in the research programme. Grants are or recently have been received from, amongst others, the Rural Credits Development Fund of the Reserve Bank, the Commonwealth Development Bank, the Australian Wool Board, the Wheat Industry Research Council, the Wheat Industry Research Committee of South Australia, the Australian Honey Board, the Barley Improvement Trust Fund, the Meat Research Committee, the Quarantine Section of the Commonwealth Department of Health, the United States Public Health Service, and the United States Surgeon General.

The Institute provides facilities for teaching in the third, fourth and Honours years of the degree of B.Ag.Sc, and for postgraduate training and research.

The scientific work of the Institute is centred round the study of the principles of crop, pasture and animal production and of the scientific disciplines associated with these aspects of agriculture. Research and teaching is carried out in the six departments:

AGRONOMY (which includes Crop Genetics and Plant Breeding, Animal Husbandry and Systematic Botany).

AGRICULTURAL BIOCHEMISTRY AND SOIL SCIENCE.

ENTOMOLOGY.

PLANT PATHOLOGY (which includes Nematology and Soil Microbiology).

PLANT PHYSIOLOGY (which includes Horticulture).

ANIMAL PHYSIOLOGY.

There is also a section of Biometry.

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### The Mawson Institute for Antarctic Research

The Institute was formally established by the University Council in November, 1959, in honour of the late Professor Sir Douglas Mawson, F.R.S.

In association with other Departments of the University the Institute provides facilities for post-graduate training and research related to the Antarctic regions. At this stage research is being carried out in the fields of Upper Atmosphere Physics, Biology and Geology.

The Institute will maintain a library of Antarctic literature and a museum of geological and biological specimens collected in the Antarctic. The museum will also include objects associated with Antarctic expeditions, in particular those of Sir Douglas Mawson.

The Institute was inaugurated by the Right Honourable the Prime Minister on April 15, 1961. The Director is Dr. F. Jacka.

### The Anti-Cancer Foundation

In 1928 the University formed an Anti-Cancer Campaign Committee to aid research into problems of cancer, and to provide and extend modern methods of treatment of cancer in South Australia. In that year the Commonwealth Government had lent to the Adelaide Hospital half a gram of radium in the form of needles and tubes, and as there was no radiotherapy department at the hospital the early efforts of the Committee were devoted to the provision of a medical officer, a deep X-ray plant and the necessary clerical and technical personnel to establish a Radiotherapy Department. As demands on the Radiotherapy Department grew, the Committee's expenditure on the Department also increased until the Committee was responsible for four salaried medical officers and four physicists employed there. It was then agreed with the Hospital Board that the Committee should be financially responsible for the research activities of the Radiotherapy Department, and the Board for the routine treatment of patients; as a result three of the Committee's medical officers were transferred to the Public Service.

In 1962, the Anti-Cancer Campaign Committee was reorganised and was renamed the Anti-Cancer Foundation of the University of Adelaide. The board of Governors, which decides matters of major policy, is the governing body of the Foundation. About 30 prominent citizens representing a wide cross-section of the community have been appointed as Governors of the Foundation. For the conduct of the Foundation's affairs, an Executive Board, a Finance Committee, a Public Education Committee, a Patient Care Committee and a Scientific Advisory Committee have been appointed.

In 1965 the Foundation was admitted to membership of the Australian Cancer Society which in turn is a member of the Union Internationale Contre le Cancer, the world-wide anti-cancer organization.

Due to expansion of the Foundation's activities, a full-time Secretary was appointed in 1968 and new headquarters set up in the East Wing of the Royal Adelaide Hospital.

**FINANCE:** The Foundation's funds are derived from the following sources: (a) Gifts and bequests; (b) Income from gifts and bequests which have been invested; (c) Government grants and subsidies; (d) Public appeals.

Four public appeals for funds have been made; the first in 1928 realised about \$12,000, the second in 1939 about \$6,000, the third in 1950 more than \$200,000, and the fourth in 1962 about \$220,000. The third and fourth public appeals were conducted under the aegis of the Lord Mayor. Part of the proceeds of the third appeal was used to pay for a very high-voltage X-ray machine which was installed at the Royal Adelaide Hospital. A fifth appeal is planned for 1970.

Government grants and subsidies have been received since 1929. In addition, the State Government gave \$32,000 towards the purchase of the high-voltage plant, and met the large expense of housing the plant at the Royal Adelaide Hospital.

**RESEARCH:** With its funds and facilities limited, the original Committee decided to support clinical research as likely to be the most rewarding; to that end it employed two part-time medical officers and a stenographer to record the cases of cancer in the Royal Adelaide Hospital, the Adelaide Children's Hospital and the Queen Elizabeth Hospital for statistical analysis in due course. It also, from its beginning, enabled its physicists to give much of their time to fundamental research, some of which has been of considerable value to radiotherapy, and has gained world-wide recognition.

The Committee and the Foundation have subsidised particular research projects in the Institute of Medical and Veterinary Science and the Royal Adelaide Hospital and in recent years in the Departments of Organic Chemistry, Physical and Inorganic Chemistry, Biochemistry, Agricultural Chemistry, Animal Physiology and Obstetrics and Gynaecology in the University of Adelaide, and in the Schools of Physical and Biological Sciences at the Flinders University.

In May, 1967, the Foundation was host organisation for a conference on "Quantitative Carcinogenesis" arranged by the Union Internationale Contre le Cancer. This was the first scientific meeting of the Union to be held in Australia. Sixteen eminent research workers representing ten countries presented papers.

**CYTOLOGY SERVICE:** In 1960 the Foundation established a Cytology Laboratory at The Queen Elizabeth Hospital for the examination of cervical and vaginal smears. The laboratory examined some 3,000 smears during the first year of operation. The work of this laboratory has rapidly increased and in 1968 about 30,000 smears were processed.

**EDUCATION:** To enable them to keep in touch with the most recent developments in their fields, the Foundation paid, wholly or in part, for overseas study tours by a pathologist and two physicists. It also supports the attendance of members of its staff at approved scientific conferences in Australia. From time to time it sends memoranda on various aspects of the cancer problem to medical practitioners in South Australia. Limited public education campaigns were conducted in 1950 and in 1957. The Public Education Committee has conducted continuous activities in cancer education since 1965. A part-time Medical Adviser to the Public Education Committee was appointed in 1965, and since that time has addressed thousands of people throughout metropolitan and country areas.

The demand by women's organisations for talks by the Medical Adviser in conjunction with the showing of films on breast cancer and the smear test continued to be heavy during 1968. This has proved to be one of the most successful avenues of the Committee's work.

Public affairs type programmes on T.V. have also created tremendous impact on viewers, and the Committee hopes to utilize this medium even more for furthering its public education.

**PATIENT CARE:** A Patient Care Committee was appointed in 1965. The work of this Committee began with the appointment of a Visiting Nurse, and later, a part-time Social Worker and a second Visiting



Nurse. At the end of 1968 the Committee decided that the needs of the cancer patient could best be served by an expansion of its social welfare work and a curtailment of the nursing service which was largely a duplication of the work of the Royal District and Bush Nursing Society.

The generosity of Mr. J. A. Martin has enabled the Foundation to establish a Patients' Hostel in Gilles Street. The Hostel, which is administered by the Board of the Royal Adelaide Hospital, accommodates any patient suffering from cancer, or thought to have cancer, and requiring any form of treatment at the Royal Adelaide Hospital. Provision is made in the well-equipped flats for the patient to be accompanied by a relative.

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## The Animal Products Research Foundation

### RULES

The sum of seven thousand pounds, raised by private subscription, having been paid to the University in 1920 for the purpose of promoting research on the growth and nutrition of man and animals, that sum having been increased in 1967 to twenty-one thousand dollars by capitalization of unspent income, and the Statute governing the original use of the income of the Fund having been repealed, the following Rules are hereby made:

1. The Council shall appoint annually a Board to advise it on the purposes for which the Foundation shall be used and the application of the income to those purposes.

2. Until the Council decides otherwise the annual income of the Foundation shall be available for the acquisition for the University Library of books and journals relevant to the general purpose of the endowment and approved by the Board, and for such other purposes as the Council on the recommendation of the Board may approve.

3. Unexpended income in any year may be added to the capital sum or expended in the next or some following year, as the Council may determine.

4. These Rules may be varied from time to time, but the title and the general purpose of the Foundation shall not be changed.

D.2819/66

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## RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI

Whereas it is desirable that the University shall commemorate any of its alumni who shall have achieved marked distinction, it is hereby resolved that:—

1. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this University who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular:—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

2. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

3. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

4. The Council shall compile and keep a record of the Academic and extra-University career of each alumnus.

5. Private persons also may, in modes and upon grounds approved by the Council (by an absolute majority) and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial, the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

6. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

Concurred in by Senate, 22nd August, 1900.

### Alumni Commemorated:

Hopkins, William Fleming, B.A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

## RESIDENTIAL COLLEGES

By the Acts of Parliament under which The University of Adelaide was founded provision was made for affiliation to the University of residential colleges in which students could enjoy the advantages of residence, discipline, and tuition supplementary to that given by the staff of the University.

## ST. MARK'S COLLEGE

St. Mark's College, the first residential college in The University of Adelaide, was founded by a committee formed at a public meeting held under the chairmanship of the Bishop of Adelaide on 29th May, 1922. The Committee obtained some \$24,000 by public subscription, bought the residence of the late Sir John Downer on Pennington Terrace, North Adelaide, and secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College was affiliated in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-storey building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. During the years 1941 to 1945 the property was leased to the Royal Australian Air Force. Since then the College has acquired additional properties and buildings and now provides residence for about 150 tutors and undergraduates with facilities which include large Junior and Senior Common Rooms, Chapel, Library, Tutorial Rooms, Recreation and Music Rooms, and five grass tennis courts.

The College is governed by a Council including representatives of the Church of England, the Council of the University, the Governors of St. Peter's College, and the Old Collegians. The Bishop of Adelaide is *ex officio* President and the Chairman is Mr. Gavin Walkley. Although the College is primarily under the sponsorship of the Church of England, it is freely open to men of all religious denominations.

The College provides its members with the advantages of corporate life in close proximity to the University, the University Oval, and other Colleges of the University. Students are thus enabled to have all their meals at the College, and incur a minimum of time and expense in attending lectures and other University activities. As a supplement to University teaching, tutorials are provided in most of the basic subjects of the University curriculum, and non-resident students are admitted to tutorial classes. Since its foundation the College has built up a fine all-round record in academic and other fields, with many winners of important prizes and scholarships.

Members of the Senior Common Room serve as academic or house tutors or both. They come for the most part from the teaching or research staffs of the University.

The College provides religious services for its members, and through the Student Club encourages literary, dramatic, social and athletic activities.

Applicants should be matriculated in the University and must furnish evidence of good character. No member of the College may be permitted to remain in residence unless the Master and Tutors are satisfied with his diligence and conduct.

Further particulars are available from:

The Master—Rev. M. McKenzie, B.A., St. Mark's College, Pennington Terrace, North Adelaide; Telephone 67 2211.

## ST. ANN'S COLLEGE

St. Ann's College was founded as the result of bequests by the late Mr. Sidney Wilcox of his house and grounds at Brougham Place, North Adelaide, and of a substantial sum of money to establish an undenominational college for women students attending the University. The College was incorporated and affiliated with the University in 1939. Owing to the outbreak of war in that year and for other reasons the College did not open until 1947.

The College in 1968 consists of 107 modern single study/bedrooms plus Plummer, an older building, that accommodates approximately 15 students. Future planning allows for the College to accommodate finally approximately 125 plus tutors' accommodation. In addition, the College has a spacious dining hall and common room, small common rooms, music rooms, a library, a tennis court and an oratory.

St. Ann's provides the opportunity for women university students to live in a community of graduates and undergraduates where academic excellence is stressed, but at the same time allows for considerable extra-curricular activities. These activities and the College tutorials are open to non-resident students who wish to become affiliated with the College.

The College is situated in pleasant surroundings with a view to the Mount Lofty Ranges and is within ten minutes walk of the University of Adelaide.

The College is governed by a Council two-thirds of whom must be women. Representatives are nominated by the University Council, the Women's Graduates' Association, the Headmistresses' Association, and the St. Ann's Collegians Association; in addition, there are ten elected members. Mrs. Ashley Magarey is Chairman of the Council, and Mr. R. A. Simpson the Chairman of the Finance Committee.

Further details can be supplied by the Principal, Mrs. N. T. Feather, St. Ann's College, Brougham Place, North Adelaide, telephone 67 1478.

## AQUINAS COLLEGE

Aquinas College was incorporated in 1946 and by a statute of the University in 1947 was affiliated to the University as a Residential College under the auspices of the Roman Catholic Church for students of the University. In 1947, as a result of a public appeal, a substantial sum of money was collected, and in 1948 "Montefiore," just behind Colonel Light's Statue in North Adelaide, was purchased as a site for the College. This house was, for many years, the residence of the late Sir Samuel James Way, Chief Justice of South Australia for 40 years, and for 33 years Chancellor of the University. An additional two-storey building now containing 30 bed-study rooms was erected on the eastern side of Montefiore in 1950. In 1951, the property, 21 Strangways Terrace, was purchased. It now provides living quarters for the domestic staff. In 1953, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and after necessary alterations now houses the College kitchen, scullery, dining hall, chapel, conference room and some students' study-bedrooms. Two squash courts were also built on this site. A new block of 27 bed-study rooms on the western side of Montefiore House was occupied at the beginning of 1960. In July, 1960, a new central block united the eastern and

western wings, and in 1964 a small two-storey block was added at 24 Palmer Place, comprising a domestic staff dining-room and sitting room, and seven study bedrooms. At the end of 1968 the College was consolidated by the purchase of the property belonging to the Darling family. The College has accommodation for about 100 students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year. On Sunday, September 30, 1951, the Formal Opening was performed by the Chancellor of the University, the Hon. Sir John Mellis Napier, K.C.M.G., LL.B.

The College is governed by a Council nominated by the Archbishop of Adelaide. The Most Rev. M. Beovich, D.D., Ph.D., is President of the Council, and the Most Rev. B. Gallagher, D.D., Ph.D., Bishop of Port Pirie, is Vice-President.

Applications for admission are made to the Rector and must be accompanied by satisfactory evidence of good character. Every student of the College signs the following declaration:

"I hereby promise to obey honourably the regulations of the College, to submit to its discipline, and to do all I can to uphold the honour of the College."

Tutorial classes and individual tuition are given in the College with the special object of assisting students in their University work. Non-resident students, men and women, are admitted to all College classes.

Students of the College enjoy the advantage of residence close to the University, corporate life in an academic community, the influence of the doctrine, ideals and sacramental life of the Church, and tuition supplementary to University lectures. No student can remain a member of the College unless the College authorities are satisfied with his conduct and diligence.

The Rector is the Very Rev. Father Bryan Buxton, S.J., B.A., and the Dean is the Rev. J. Golden, S.J.

### LINCOLN COLLEGE

Lincoln College was established by the South Australian Conference of the Methodist Church of Australasia for students attending the University of Adelaide. For this purpose the residence of the late George Milne, Esq., in Brougham Place, North Adelaide, was purchased in 1951.

The College was incorporated in November, 1951, and the University granted affiliation in the following month. With the permission of the University Council, the College opened in March, 1952, with an enrolment of twenty-two students. A month later a neighbouring property on Brougham Place was acquired.

In addition to an initial gift of \$20,000 by the Methodist Church, \$70,000 was raised by public subscription for the foundation of the College.

Generous grants from the Commonwealth and State Governments and a ready response to the Joint Colleges' Appeal in 1959-60, provided a further \$88,000 which allowed the erection of a new residential block (the Keith Murray Building), which was opened by the Prime Minister on 1st September, 1963. This, together with the

purchase of a further property on Brougham Place in 1961, brought the accommodation of the College to 120 students.

With the building of a new Kitchen and Dining Hall, and the commencement of work on a new Common Room, the facilities which the College offers have been greatly enhanced. A further residential block to be ready for occupation in 1970 will increase the accommodation to just over 150.

The College is governed by a Council appointed by the Methodist Conference, to which the University Council appoints two representatives. The Chairman of the Council is Mr. J. A. Dunning, O.B.E., M.A., M.Sc.

There is no credal condition for membership of the College. Applications for admission are made to the Master, and must be accompanied by satisfactory evidence of good character. College tutorial classes are arranged, and students are assisted in their University work. College classes are also open to non-resident students.

The College is situated within easy walking distance of the University, and the Students' Club organises the activities of the Junior Common Room.

The Master is the Rev. Frank Hambly, M.A., D.D.

#### KATHLEEN LUMLEY COLLEGE

The College was founded in 1967 with the aid of a gift of \$60,000 from Mrs. Kathleen Lumley and the support of the State and Federal Governments through the Australian Universities Commission. The University made a site available for the College at Mackinnon Parade, North Adelaide.

The aim of the College is to provide residential accommodation for men and women postgraduate students of The University of Adelaide together with educational, cultural, social and recreational facilities for all postgraduate students of the University.

The first stage of the College, completed in September, 1968, provides living accommodation for 32 postgraduate students, as well as a dining-room, common room and reading room for the use of both resident and non-resident members of the College.

The College is governed by a Council which includes resident and non-resident members of the College, as well as members nominated by the Council of the University and nominated by the Adelaide University Postgraduate Students' Association. The Chairman of the Council is Professor D. J. D. Nicholas, M.A., Ph.D., D.Sc. The Master of the College is Dr. J. H. Coates, B.Sc., Ph.D.

While the College is intended for postgraduate students in The University of Adelaide, the University Council and the College Council have agreed to admit as resident members of the College a proportion of postgraduate students in The Flinders University of South Australia until such time as The Flinders University has its own residential accommodation for students.

Further particulars may be obtained from The Master, Kathleen Lumley College, 51 Finmiss Street, North Adelaide 5006.

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## AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD

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### UNIVERSITY OF CAMBRIDGE

#### Previous Examination.

The Previous examination of the University of Cambridge consists of three parts: Part I—Languages other than English (of which either Latin or Greek is compulsory); Part II—Mathematics and Science. Part III—English subjects.

A student who has passed the Matriculation Examination of The University of Adelaide may be exempted from the whole or part of the Previous Examination, according to the subjects in which he has passed at Leaving standard.

#### Degree Status.

The University of Adelaide is an Associated Institution in relation to the University of Cambridge, and graduates of Adelaide, who have been members of the University for three years at least, are entitled to the privileges of affiliation, including exemption from the Previous Examination, the right to reckon the first term of residence at Cambridge as the second, third, or fourth and other privileges depending upon the particular course of study which it is proposed to pursue at Cambridge.

Further particulars regarding these privileges may be obtained from the Registrar, The University of Adelaide. D.55/33.

### UNIVERSITY OF OXFORD.

#### Responsions.

A person who has passed the Leaving Examination conducted by The University of Adelaide may be exempted from Responsions (Matriculation Examination) in the University of Oxford, provided that he has passed in two of the following languages, of which Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

#### Junior and Senior Status.

1. Any student of The University of Adelaide who has pursued at the University a course of study prescribed by it and extending over at least two years may be admitted to the status and privileges of a Junior Student in the University of Oxford; provided that his course of study and the standard attained by him in any examinations proper to such a course are approved by the Hebdomadal Council.

No course will be approved for this purpose which does not include the study of two of the following languages, of which either Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

2. Any person who has obtained at The University of Adelaide a degree approved by the Hebdomadal Council may be admitted to the status and privileges of a Senior Student; provided that he has pursued at The University of Adelaide, or if the Hebdomadal Council in his case so approve at The University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of The University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at The University of Adelaide, or if the Hebdomadal Council in his case so approve at The University of Adelaide and other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, The University of Adelaide. D.55/33.

## RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

### ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

### MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

“That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic.”



### RECOGNITION BY THE ROYAL INSTITUTE OF CHEMISTRY

The Royal Institute of Chemistry has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. Candidates for the associateship who hold an Honours degree in Chemistry of the University, may apply under regulation 9 (3) for exemption from the examination.

### THE AUSTRALIAN SOCIETY OF ACCOUNTANTS

The Australian Society of Accountants may grant exemption from examinations of the Society to Bachelors of Economics of The University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

### ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities Yearbook* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 36 Gordon Square, London, W.C.I.

### INTERNATIONAL ASSOCIATION OF UNIVERSITIES

The University is a member of the International Association of Universities, which was founded in 1950. One of its aims is "to promote academic co-operation at the practical level and in this way to provide useful services to University institutions throughout the world. . . ." The Association publishes the *International Handbook of Universities* which provides information on nearly 450 University institutions in 70 countries, as well as brief entries for over 1,000 other higher educational institutions. The *Handbook* may be consulted in the University Library, and copies may be obtained from the Secretary-General of the Association, 2 Place de Fontenoy, Paris VII, France.

### THE INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

The Institute of Chartered Accountants in Australia will grant exemptions from all subjects of the Intermediate Examination, with the exception of Commonwealth Income Tax, to graduates of the University who hold the Bachelor of Economics degree, and who have completed Elements of Accounting, Management Accounting, Financial Accounting and Commercial Law. Applications for exemption should be submitted to the State Registrar of the Institute, from whom further information may be sought.

## PUBLIC LECTURES AND COURSES

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### THE JOSEPH FISHER LECTURE IN COMMERCE

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes. A list of the Lectures delivered between 1904 and 1929, inclusive, can be found in University Calendars prior to 1959:—

- 1930—"Current Problems in International Finance," by Professor T. E. G. Gregory, D.Sc. (Econ.).
- \*1932—"Australia's Share in International Recovery," by A. C. Davidson, Esq.
- \*1934—"Gold Standard or Goods Standards," by L. G. Melville, Esq., B.Ec., F.I.A.
- 1936—"Some Economic Effects of the Australian Tariff," by Professor I. F. Giblin, D.S.O., M.C., M.A.
- \*1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
- \*1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
- 1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
- \*1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
- \*1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.
- \*1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
- \*1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
- \*1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
- \*1954—"Economics of Federal-State Finance," by Professor W. Prest, M.A., M.Com.
- \*1956—"Japan and the General Agreement on Tariffs and Trade," by Professor J. E. Meade, C.B., M.A., F.B.A.
- \*1958—"National Superannuation—Means test or contributions," by Professor R. I. Downing, B.A., Dip.Ec.
- \*1960—"Mass Entertainment: The Origins of a Modern Industry," by Professor A. Briggs, M.A., B.Sc. (Econ.).
- \*1962—"Industrial Research and Economic Growth in Australia," by Professor B. R. Williams, M.A.
- \*1964—"Australian Foreign Aid Policy," by Professor H. W. Arndt, M.A., B.Litt.
- \*1967—"Australian Tariff Policy," by W. M. Corden, Esq., M.Comm., Ph.D.

\*Copies of these lectures may be obtained free of charge on application to the Registrar, University of Adelaide. The other lectures are out of print.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS  
LECTURE IN ACCOUNTANCY

Whereas in 1945 the Council accepted the offer of the Commonwealth Institute of Accountants to provide an annual sum for the purpose of promoting an annual public lecture on some aspects of Accounting; and whereas that offer has subsequently been renewed by the Australian Society of Accountants (hereinafter called the Society) which on its formation in 1952 absorbed the Commonwealth Institute of Accountants, it is hereby provided as follows:

1. A lecture to be called the Australian Society of Accountants Lecture in Accounting shall be given annually in the University in accordance with these Rules.

2. The selection of the Lecturer, and the general arrangements for the lecture, shall be made by the Council of the University, on the advice of a Committee consisting of two representatives of the University nominated by the Faculty of Economics and two representatives of the Society.

3. The administrative work associated with the lecture shall be carried out by the University, except that all invitations for members of the Society shall be sent to the Society for distribution by the Society.

4. Beginning in the year 1958, the Society shall pay the University each year the sum of \$100, which shall be paid into a fund from which the University shall pay all costs of the lecture including such travelling and other expenses of the Lecturer, and such other expenses incidental to the giving of the lecture, as the Council may approve.

5. The University Council shall have the right of publishing the lectures, but the Society shall be at liberty to publish the lectures, in its journal or elsewhere, if it thinks fit.

6. Admission to the lectures shall be free.

7. These rules may be varied from time to time by the Council, with the consent of the Society.

For a list of the lectures given from 1945 to 1954, see Calendar for 1962. Lectures given since 1954 are as follows:—

1956—"Depreciation—Purposes and Methods," by Professor M. L. Black, Jr., M.B.A., C.P.A.

1957—"Current Accounting Developments in the United States," by Professor Robert L. Dixon, M.B.A., Ph.D., C.P.A., Professor of Accounting, University of Michigan.

1958—"The Province of Accounting," by Professor Louis Goldberg, B.A., M.Com., F.A.S.A.

1959—"The Developing Role of the Accountant in Management," by Professor E. B. Smyth, F.A.S.A.

1960—"University Education for Business," by Professor R. L. Mathews, B.Com.

1961—"Towards a General Theory of Accounting," by Professor R. J. Chambers, B.Ec., A.A.S.A., A.C.I.S., A.C.A.A.

1962—"Trends in Accounting Education," by Professor A. B. Carson, A.B., M.B.A., Ph.D.

- 1963—“Project Evaluation and Business Growth,” by Mr. F. K. Wright, B.Met.E., B.Com.  
 1964—“Business and Bureaucracy,” by Mr. N. S. Young, A.U.A., F.C.A.A., F.A.S.A.  
 1965—“The Cost of Capital of Australian Retail Stores,” by Dr. A. D. Barton, B.Comm., Ph.D.  
 1966—“Limits on the Budgeting Process,” by Mr. P. E. M. Standish, B.A., B.Ec.  
 1967—“The Measurements of Working Capital Adequacy,” by Mr. K. W. Lemke, M.Comm.  
 1968—“Information Systems and Accounting,” by W. J. McK. Stewart, B.A., B.Com., F.A.S.A.

### THE ROBIN MEMORIAL LECTURE

Whereas a committee of old students and friends of the late Professor Rowland Cuthbert Robin, M.E., has raised a sum of money and given it to the University for the purpose of establishing a memorial lecture, it is hereby provided as follows:

1. A lecture to be known as The Robin Memorial Lecture shall be given from time to time in the University of Adelaide in accordance with the provisions of these Rules.
2. Normally a lecture shall be given each alternate year, but the Council may vary that interval on any occasion for a reason which it deems adequate.
3. The lecture shall be on some subject which the Council, with the advice of the Faculty of Engineering, considers to be in accordance with the general theme “Engineering and the Community.”
4. The lecturer, who shall be an eminent engineer or other person of eminence, shall be appointed by the Council on the nomination of the Faculty of Engineering.
5. The annual income arising from the fund, and from any subsequent donations thereto, shall accumulate during the intervals between lectures. The income shall be used to pay the honorarium of the lecturer, and such of his expenses and of the other expenses associated with the giving of the lecture as the Council may from time to time approve. The honorarium of the lecturer shall be twenty-one dollars, until the Council decides otherwise.
6. Admission to the lectures shall be free to the public.
7. These Rules may be varied from time to time, but the title and object of the lecture shall not be changed.

#### Lectures

- 1954—“The Engineer in the Community,” by Sir Claude Gibb, Kt., M.E., F.R.S.  
 1956—“Water and the Community,” by W. H. R. Nimmo, M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.(Aust.).  
 1961—“The Future of Civil Engineering,” by J. A. L. Matheson, M.B.E., Ph.D., M.C.E., M.Inst.C.E., M.I.E.(Aust.).  
 1966—“The Next Fifty Years in Engineering,” by D. M. Myers, B.Sc., D.Sc.Eng. (Syd.), M.I.E.E., M.I.E. Aust. F.Inst.P.

## THE GAVIN DAVID YOUNG LECTURES IN PHILOSOPHY

The undermentioned series of lectures have been delivered at the University in accordance with the provisions of Chapter LXXVI of the Statutes.

1956—"Thinking," by Professor G. Ryle, M.A.

1959—"Terms and Objects," by Professor W. V. Quine, M.A., Ph.D.

1963—"The Presuppositions of Immortality," by Professor A. G. N. Flew, M.A.

1965—"Towards a Philosophy for our Age of Science," by Professor Herbert Feigl.

## ADULT EDUCATION COURSES

In 1914, the University established a Joint Tutorial Classes Committee (T.C.C.) to work with the newly-established Workers' Educational Association. However, it was not until the end of the war in 1917, that the T.C.C. was in a position to provide evening classes in Adelaide, mainly in liberal arts subjects. In the 1920s and 1930s, classes and written courses were offered as well to country groups. This pattern of joint W.E.A.-University provision of evening courses continued until 1956 when the University appointed a Director of Adult Education. In 1958, following a report by the Director on the future of adult education in the University, a Board of Adult Education was constituted by the University Council with responsibility for the administration of adult education. This Board consisted of six representatives of the academic staff of the University and six from other organisations (including three from the W.E.A.). Evening classes of 20 to 30 meetings each year have continued as part of the Board's programme, but in recent years, there has been an increasing number of extension courses for engineers, teachers, industrialists, bankers, farmers, social workers, police officers and many other professional and specialist groups. Residential courses and short schools and seminars have also increased in number and scope in recent years. Specialist study tours to New Zealand have also been arranged and others have been planned to New Zealand and beyond.

Syllabuses and further information about University adult education work may be obtained on application to the Director of Adult Education, The University of Adelaide, or to the General Secretary of the Workers' Educational Association, The University, Adelaide.

## SUMMER SCHOOL OF BUSINESS ADMINISTRATION

Since 1956 the Faculty of Economics, in co-operation with the Department of Adult Education, has organised an annual one-day Summer School of Business Administration. The School is intended primarily for senior executives in the professions and business, and takes the form of a number of papers presented by University and visiting lecturers, followed by general discussion.

The proceedings of the School are subsequently published, and the following booklets (the titles of which indicate the themes of the Schools) may be obtained at a cost of \$1 on application to the

Department of Adult Education. It should be noted that no School has been held since 1967.

- \*1956 Business and Society.
- \*1957 Electronics and Automation.
- \*1958 Business and Economic Policy.
- \*1959 Australian Development.
- \*1960 Banking and Business.
- \*1961 The Australian Economy 1961—Trends and Prospects.
- 1962 The Australian Economy and Overseas Trade.
- \*1963 Labour Problems in the Australian Economy.
- \*1964 Marketing.
- 1965 Monetary and Fiscal Methods of Controlling the Economy.
- 1966 The Vernon Report.

\* Out of print.

### EVENING LECTURES

1. Originally established under a special grant from the Government, courses of evening lectures in Arts, Economics and Science subjects are provided each year for the benefit of teachers and others. An evening class is held only if sufficient students enrol for it. A list of the evening courses offered in 1969, and their times, will be found on page 1084.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships).



SCHOLARSHIPS, GRANTS, EXHIBITIONS,  
AND PRIZES

BY FACULTY

**FACULTY OF AGRICULTURAL SCIENCE.**

FOURTH YEAR

**The D. B. Adam Memorial Prize.**

Whereas a Committee of former students and friends of the late David Bonar Adam, B.Ag.Sc., has raised the sum of \$600 and given it to the University for the purpose of establishing a memorial prize, the following rules are hereby made:

1. The prize shall be called "The D. B. Adam Memorial Prize" and shall be available annually.
2. It shall consist of the sum of \$30, or such other sum as the Council may from time to time determine.
3. It shall be awarded in or about November of each year to the undergraduate student who, in the opinion of the Faculty of Agricultural Science, is the best student in Plant Pathology and is of sufficient merit.
4. These rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

**Awards.**

For previous awards, see Calendars from 1959.

1964 Dube, Alan J.	1967 Saunders, David A.
1965 No award	1968 Stirling, Graham R.
1966 Atchison, Bentley A.	

**The Australian Institute of Agricultural Science (S.A. Branch) Prize.**

Whereas the Council has accepted the offer of the South Australian Branch of the Australian Institute of Agricultural Science to provide annually a Prize of \$20 in Agricultural Science, it is hereby provided that:

A Prize, to be known as "The Australian Institute of Agricultural Science (S.A. Branch) Prize", will be available annually for award to the candidate who, on completing the course for the Ordinary degree of Bachelor of Agricultural Science, shall in the opinion of the Faculty of Agricultural Science be the most distinguished of the students completing the course in that year: but no award shall be made unless the Faculty is satisfied that the candidate is of sufficient merit.

## Awards.

For previous awards, see Calendars from 1961.

1964	Thomas, Geoffrey N.	1968	Henderson, Graham D.	} equal
1965	Grivell, Anthony R.		Horne, Michael L.	
1966	England, Peter J.		McArthur, Ian D. H.	
1967	Saunders, David A.			

**The Barr Smith Travelling Scholarship in Agriculture.**

In 1953 Sir Tom Barr Smith gave to the University the sum of \$27,750 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith. The object of the fund is to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain.

The Scholarship is tenable at Cambridge University, for two years in the first instance, and is open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election.

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter LXXX.

## Awards.

1955	Parsons, Peter Angas, B.Ag.Sc.	1962	Rathjen, Anthony J.
1958	Seamark, Robert F.	1964	Robinson, James B., B.Ag.Sc.
		1967	Brooks, David E., B.Ag.Sc.

**The R. K. Morton Scholarship.**

The sum of \$4,000 having been given to the University by members of the Australian Biochemical Society and other friends and colleagues of the late Robert Kerford Morton, F.A.A., Waite Professor of Agricultural Chemistry in the University from 1957 to 1962 and Professor of Biochemistry in 1963, for the purpose of establishing a Fund in his memory, the following rules are hereby made:

## RULES.

1. Two scholarships, to be known as R. K. Morton Scholarships, shall be offered for award annually. The value of each scholarship, until otherwise determined by the Council of the University of Adelaide, shall be \$100.

2. (a) One Scholarship shall be awarded to the undergraduate placed highest in order of merit amongst those candidates who pass with Distinction in the annual examination in Biochemistry II in the course for the degree of Bachelor of Science and who proceeds to the Honours degree of Bachelor of Science in Biochemistry.

(b) The other Scholarship shall be awarded to the undergraduate placed highest in order of merit amongst those candidates who pass with Distinction in the annual examination in Agricultural Biochemistry II in the course for the degree of Bachelor of Agricultural Science and who proceeds to the Honours degree of Bachelor of Agricultural Science in Agricultural Biochemistry.



3. If no award of either Scholarship be made in any year the value of the lapsed award shall be added to the capital sum of the Fund.

4. These rules may be varied from time to time by the Council of the University of Adelaide, but the general purpose of the endowment shall not be changed.

#### Awards

For previous awards, see Calendars from 1966.

1967:—

Biochemistry: May, John T.

Agricultural Biochemistry: No Award

1968:—

Biochemistry: Appels, Rudolf } equal  
Tolstoshev, Paul }

Agricultural Biochemistry: Faull, Kym F.

1969:—

Biochemistry: Hewish, Dean R.

Agricultural Biochemistry: Henderson, Graham D.

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### FACULTY OF ARCHITECTURE.

*AVAILABLE FOR AWARD IN FIRST, SECOND AND THIRD YEARS*

#### **The Royal Australian Institute of Architects (South Australian Chapter) Prizes.**

Whereas the Royal Australian Institute of Architects (South Australian Chapter) has agreed to provide six annual prizes each of the value of \$15 in the Faculty of Architecture and Town Planning, the following rules are hereby made:

1. The prizes shall be called "The Royal Australian Institute of Architects (South Australian Chapter) Prizes".

2. (a) Three prizes shall be awarded for the subjects Architectural Design and Planning I, Architectural Design and Planning II and Architectural Design and Planning III. In each subject the prize shall be awarded to the matriculated student who, in the annual examinations, obtains the best results in that subject.

(b) Three prizes shall be awarded for the following pairs of subjects: Building Construction I and Building Science I; Building Construction II and Building Science II; and Building Construction III and Building Science III. In each pair of subjects the prize shall be awarded to the matriculated student who, in the annual examinations, obtains the best results in that pair of subjects.

(c) No award of a prize shall be made if no candidate is considered by the examiners to be of sufficient merit.

3. These rules may be varied by agreement between the University and the Royal Australian Institute of Architects (S.A. Chapter).

Awards.

For previous awards, see Calendars from 1961.

- 1967 Fabro, Antony R. } equal (Architectural Design and Planning I) 1
- Hardy, Graham E. } equal (Architectural Design and Planning II)
- Ness, David A. } equal (Architectural Design and Planning III)
- Read, Philip A. } equal (Building Construction I and Building Science I)
- Hill, Haydn A. (Architectural Design and Planning III)
- Faunt, Alan J. } equal (Building Construction II and Building Science II)
- Hardy, Graham E. } equal (Building Construction III and Building Science III)
- Chapman, David G. (Building Construction III and Building Science III)
- 1968 Hoskins, Philip S. (Architectural Design and Planning I) 1
- Lawrence, Roderick J. } equal (Architectural Design and Planning II) 1
- Timbs, Nicholas P. } equal (Architectural Design and Planning III) 2
- Gratton, Alastair M. G. } equal (Building Construction I and Building Science I) s
- Ness, David A. } equal (Building Construction II and Building Science II) f
- Ritchie, Lyn A. (Building Construction III and Building Science III) t
- Timbs, Nicholas P. (Building Construction III and Building Science III) 2
- Platt, Leslie J. (Building Construction III and Building Science III)

FOURTH YEAR

The Adelaide Hoo-Hoo Club Award

Whereas the Hoo-Hoo Club of Adelaide has agreed to provide an annual award of \$250 to promote travel to other Australian States, or overseas, with a view to promoting Architectural studies and research, particularly in the application of forest products and building, the following rules are hereby made:

1. The award shall be known as "The Adelaide Hoo-Hoo Club Timber Award".

2. The award shall be made annually to the matriculated student in the course for the degree of Bachelor of Architecture who, in the opinion of the Board of Examiners, most distinguishes himself in the whole of the combined work of Building Science IV, Building Construction IV and Structures III, provided that an award shall not be made if no candidate is considered by the Board of Examiners to be of sufficient merit.

3. Payment of the award shall be made in two instalments as follows:

- (a) two-thirds after approval by the Head of the Department of Architecture and Town Planning of the travel and study arrangements proposed by the student;
- (b) one-third after approval by the Head of the Department of Architecture and Town Planning of a report, submitted within twelve months of receipt of the award, on the studies and research carried out under the award.

4. These rules may be varied from time to time, but the title and general purpose of the award shall not be changed.

### The James Hardie Prize in Architecture.

Whereas Asbestolite Proprietary Limited agreed in 1958 to provide an annual award of \$100 in Architecture and in 1960 James Hardie and Coy. Pty. Limited assumed responsibility for maintaining the award, the following rules are hereby made:

1. The award shall be known as "The James Hardie Prize in Architecture". The purpose of the award shall be to assist the holder to travel to other parts of Australia for architectural study.

2. The award shall be made annually to the matriculated student in the Fourth Year of the course for the degree of Bachelor of Architecture, who, in the opinion of the Board of Examiners, most distinguishes himself in the annual examinations, provided that no award shall be made if no student is of sufficient merit.

3. Each student to whom an award is made shall submit a report on his studies under the award to the Professor of Architecture within twelve months of the award.

#### Awards.

For previous awards, see Calendars from 1965.

1965	Wong Yit-Sing, Francis	1967	Evans, Adrian D.
1966	Panczak, Kurt C.	1968	Chesterman, Howard F.
	Woodhead, William R.		} equal

#### FIFTH YEAR

### The South Australian Gas Company Prize in Architecture

Whereas the South Australian Gas Company, to mark its centenary in 1961, has agreed to provide an annual prize of \$200, the following rules are hereby made:

1. The award shall be known as "The South Australian Gas Company Prize in Architecture".

2. The purpose of the award shall be to promote travel to other Australian States for architectural study.

3. The award shall be made annually to the matriculated student in the course for the degree of Bachelor of Architecture who, in the opinion of the Board of Examiners, most distinguishes himself in the work of the final two years of the course, provided that an award shall not be made if, in the opinion of the Board of Examiners, there is no student of sufficient merit.

4. Payment of the award shall be made after approval by the Professor of Architecture of the travel and study arrangements proposed by the student.

5. Each student to whom an award is made shall submit a report on his studies under the award to the Professor of Architecture within twelve months of the award.

6. The terms of the award may be varied at any time by agreement between the Company and the University, and the award may be withdrawn by the Company on its giving in writing twelve months' notice of such withdrawal.

#### Awards.

For previous awards, see Calendars from 1964.

1964	Fritzsche, Janet M.	} equal	1966	Wong, Yit-Sing
	Miller, Ian R. W.		1967	Woodhead, William R.
1965	Angus, Alistair M.		1968	Evans, Adrian D.

#### The Wormald Brothers Prize in Architecture

Whereas Wormald Brothers (South Australia) Proprietary Limited has agreed to provide an annual prize of \$100, the following rules are hereby made:

1. The award shall be known as "The Wormald Brothers Prize in Architecture".

2. The purpose of the award shall be to assist the holder to travel to other parts of Australia for architectural study.

3. The award shall be made annually to the matriculated student in the course for the degree of Bachelor of Architecture who—

(a) has completed the academic work for the degree of Bachelor of Architecture; and

(b) has obtained the highest aggregate marks in Building Construction V and Building Science V;

provided that an award shall not be made if no candidate is considered by the Board of Examiners to be of sufficient merit.

4. Payment of the award shall be made after approval by the Head of the Department of Architecture of the travel and study arrangements proposed by the student.

5. Each student to whom an award is made shall, within twelve months of the award, submit to the Head of the Department of Architecture a report on his studies under the award.

6. These rules may be varied from time to time, but the title and the general purpose of the prize shall not be changed.

#### Award.

1967	Bateup, Ross L.	1968	Lloyd-Jones, Gavin R.
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#### POSTGRADUATE

#### The Clive E. Boyce Fellowship.

Whereas Mrs. R. I. M. Boyce has given to the University the sum of \$10,000 for the purpose of establishing a postgraduate Fellowship in Architecture and Town Planning, the following rules are hereby made:

1. The award shall be known as "The Clive E. Boyce Fellowship".
2. The value of a Fellowship will be about \$2,000. A Fellowship will normally be tenable for one year, and will be open for competition from time to time as the accumulated net income from the fund becomes sufficient to enable an award to be made.
3. A Fellowship may be awarded either for full-time postgraduate studies in or relating to architecture or town planning, or for research in these fields.
4. Graduates from recognised universities are eligible to apply for Fellowships. A graduate from a university other than Adelaide will be required to undertake his studies or research under the award in the Department of Architecture in Adelaide; an Adelaide graduate may undertake research either in Adelaide or at another university approved for the purpose by the Faculty of Architecture and Town Planning. Preference will be given to candidates wishing to undertake work as part of a formal course leading to a higher degree.
5. The Fellowships will be awarded by the Council on the recommendation of the Faculty of Architecture and Town Planning, and in making its recommendations the Faculty will take into consideration the academic records of the candidates; their professional experience; the evidence (if any) of their ability to undertake research work; proposed programmes of study and research in the event of an award being made; and the university where this work will be carried out, including evidence of acceptance if in a university other than Adelaide.
6. The value of a Fellowship shall be paid in two equal instalments, the first on approval of the award; and the second after the Faculty of Architecture and Town Planning has received evidence that the Fellow has satisfactorily completed six months study or research under the award.
7. A Fellow who undertakes work at a University other than the University of Adelaide shall submit to the University of Adelaide concurrently copies of reports and theses submitted by him to the University concerned.
8. A Fellow who holds the Fellowship at a University overseas will normally be expected to return to Australia on completion of his studies.

#### The Kenneth and Hazel Milne Travelling Scholarship.

Mr. F. Kenneth Milne has given the sum of \$10,000 to establish a postgraduate travelling scholarship in Architecture.

For conditions, see Statutes, Chapter LXXXI.

#### Awards.

1961	Griggs, A. Michael, B.Arch., A.U.A.	1965	No Award
1963	Jensen, Peter Rolf, B.Arch.	1968	Bateup, Ross L., B.Arch. Woodhead, William R., B.Arch.

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## FACULTY OF ARTS.

AVAILABLE FOR AWARD IN ANY YEAR

### The Bunday Prize for English Verse.

Whereas Ellen Milne Bunday has paid to the University the sum of \$400 for the purpose of founding with the income thereof an annual prize in memory of her parents, the late Sir Henry and Lady Bunday, to be called The Bunday Prize for English Verse, the following rules are hereby made:

1. A prize to the value of \$20, called "The Bunday Prize for English Verse", shall be awarded in June or July of each year to the person who, in the opinion of the examiners, shall have written the best poem or poems under conditions previously prescribed by the Faculty of Arts; provided that, if the examiners shall not consider any candidate worthy to receive the prize, it shall lapse for that year. The examiners shall be appointed annually by the Faculty on the recommendation of the Head of the Department of English Language and Literature.

2. The competition for the prize is open to graduates and undergraduates of the University of Adelaide, provided that they have entered on their studies at the University not more than six years prior to the date fixed for sending in poems.

3. Each poem must be accompanied with the name of the author in full and be delivered at the office of the Academic Registrar of the University not later than May 31 or such other date as the Faculty may prescribe or in any particular case allow.

4. The prize shall not be awarded twice to the same candidate.

5. Copies of all poems presented shall be retained, and a copy of the successful poem shall be deposited in the Library.

6. These rules may be varied from time to time, but the title and purpose of the prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1926.

1965 Madelaine, Richard E. R. 1967 Twining, John W.

### The Roby Fletcher Prize.

This prize was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. It is of the value of \$20, and is offered annually. For conditions, see Statutes, Chapter XX.

#### Awards.

For previous awards, see Calendars from 1904.

1965	Simon, John G.	1968	Duckmanton,	} equal
1966	Sutherland, Robert B.		Robert A.	
1967	Pollnitz,		Pearce, Philip L.	
	Christopher P.		Scott, Linda M.	
	Purins Brigita N.		Wurst, Shirley J.	

### The Goethe Award for German Studies

Whereas the German Consulate-General has undertaken to provide annually a prize in German of the value of \$40, the following rules are hereby made:

1. A prize, consisting of books and an appropriate certificate, to be known as "The Goethe Award for German Studies", shall be offered for competition each year.

2. The prize shall be awarded to the student in the Department of German who, in the opinion of the examiners, shows, by his performance at the annual examinations in any course in German (except Science German and Special Language), most evidence of outstanding improvement in the subject and has also reached an academic standard deemed worthy of the prize.

3. If, in any particular year, the examiners consider that no candidate be suitable for the prize, no award shall be made.

4. These rules may be altered from time to time by the Council but the title and general purpose of the prize shall not be changed.

#### Awards.

1967 Packer, Margaret K.                      1968 Jeffries, Stephen J.

### The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV.

The length suggested for biographies is from 50,000 to 75,000 words, but candidates will not be debarred from submitting biographies either longer or shorter than the length indicated.

Each biography must include a synopsis, a full bibliography, and adequate references to the original authorities for the statements made; and candidates are recommended to submit their works in typewriting.

#### Awards.

1938 Brown, H., M.A., B.Ec.                      1953 Dutton, G. P. H., B.A.  
1951 Reed, T. Thornton, M.A.                      1956 Renfrey, L. E. W., B.A.  
1952 Elliott, B. R., M.A.

#### FIRST YEAR

### The Barr Smith Prize for Greek.

The late Robert Barr Smith in 1908 gave the sum of \$300 to provide for an annual prize in Greek. The prize is of the value of \$20, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Greek I in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

## Awards.

For previous awards, see Calendars from 1913.

1965	Mills, Alice C.	} equal	1967	Zanker, Graham	} equal
	Searle, Garfield J.		1968	Clarke, Margaret F.	
1966	Kentish, Michael			McEwan, Therese M.	

**The Byard Prize.**

Whereas the sum of \$260 has been paid to the University by Mrs. Amy Matilda Beddome for the purpose of founding a prize to perpetuate the memory of her father, the late Douglas John Byard: It is hereby provided that—

A prize of the value of not less than \$12 shall be awarded annually to the matriculated male student in the first course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of special merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by the Council 30th May, 1958.

## Awards.

For previous awards, see Calendars from 1963.

1965	Bowden, Barry S.	1967	Wells, Geoffrey A.
1966	Hann, Adrian	1968	Wischik, Claude M.

**The Hope Crampton Prize for French.**

Whereas the French Club of the University of Adelaide has given the sum of \$200 for the purpose of establishing a prize in French to commemorate the services to the University of its founder, Miss Hope Crampton, formerly Senior Lecturer in French, the following rules are made:

1. A prize to be known as "The Hope Crampton Prize for French" shall be available for award annually.

2. The value of the prize shall be \$10.

3. The prize shall be awarded to the matriculated student or graduate who has been placed first in the list of candidates who have passed with distinction in the annual examination in French I; but if such a candidate be eligible for another prize in French I the Hope Crampton prize shall be awarded to the matriculated student or graduate who amongst those who have passed with distinction has gained the highest marks in the oral section of the examination.

4. These rules may be changed from time to time, but the title and general purpose of the prize shall not be changed.

## Awards.

For previous awards, see Calendars from 1962.

1965	Blackburn, Susan	1967	Flomersfeld, Nola
1966	Méléo, Georges	1968	Wischik, Claude M.



### The Natalia Davies Prize.

Whereas Miss Amylis I. Laffer has given to the University the sum of \$800 for the purpose of perpetuating the memory of the late Miss Natalia Davies, the following rules are hereby made:

1. There shall be a Prize of the annual value of \$40 and known as "The Natalia Davies Prize".

2. The prize shall be available for award annually to the undergraduate in his first year of University enrolment, who shall be deemed by the examiners to be the most meritorious matriculated student of first-year History in that year; but no award shall be made unless the examiners are satisfied that the candidate is of sufficient merit.

3. The value of the Prize shall be awarded in books dealing with some aspect or aspects of history preferably of the British Empire or of the British Commonwealth of Nations. The books, which shall be selected by the prizeman subject to the approval of the Professor of History, shall be furnished with a book-plate designed for the purpose.

4. These rules may be altered from time to time by the Council, but the title and purpose of the Prize shall not be altered.

#### Awards.

For previous awards, see Calendars from 1955.

1965	Disney, Julian H. P.	1967	Horne, John N.
1966	Hetzel, Susan M.	1968	Steedman, Alana M.

### The M. Rees George Memorial Prize.

Whereas the sum of \$400 has been paid to the University by the South Australian Branch of the League of the Empire and the Old Scholars of the Advanced School for Girls for the purpose of establishing a prize in French in memory of the late Miss Madeline Rees George: It is hereby provided that a prize of the value of not less than \$20, to be known as The M. Rees George Memorial Prize, shall be awarded annually to the matriculated or graduate woman student who secures the highest place in the annual examination in French I (both written and oral sections) in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit. The prize shall be awarded either in books, for which a special book-plate will be provided, or in money, as the successful candidate may desire.

NOTE: While the credit balance of the income from the endowment will permit, two prizes may be awarded in any year in which two candidates of sufficient merit present themselves.

#### Awards.

For previous awards, see Calendars from 1938.

1965	Blackburn, Susan	1967	Flomersfeld, Nola
1966	Hubert, Marie C. J.	1968	Muizulis, Karina Z.

### The John Lewis Prize in Geography.

The Council has accepted the offer of the Royal Geographical Society of Australasia (South Australian Branch Inc.) to provide an annual prize, to be called "The John Lewis Prize", for the candidate placed first at the annual examination in Geography I. The prize shall be of the value of \$10. The award shall not be made unless the examiner is satisfied that the candidate has shown sufficient merit.

#### Awards.

For previous awards, see Calendars from 1960.

1965	Hood, Dianne W.	1967	Haslam, Gavin M.
1966	Sealey, Patricia E.	1968	Stringer, Josephine K.

### The Andrew Scott Prize for Latin.

This prize was founded by private subscription, in memory of the late Andrew Scott, B.A. It is of the annual value of \$12, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Latin I, in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1913.

1964	Bishop, Ronald J.	1967	Pollnitz, Christopher P.	} equal.
1965	Mills, Alice C.		Young, Graham G.	
1966	Telfer, Helen J.	1968	Wischnik, Claude M.	

### The Tormore Prize.

Whereas the sum of \$260 has been paid to the University by the Old Scholars of Tormore House School for the purpose of founding a prize to perpetuate the memory of the said school: It is hereby provided that—

A prize of the value of not less than \$12 shall be awarded annually to the matriculated woman student in the first-year course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by Council 25th November, 1921. Amended 30th May, 1958.

#### Awards.

For previous awards, see Calendars from 1927.

1965	Mills, Alice C.	1967	Halleday, Laraine R.
1966	Field, Wendy E.	1968	Burnett, Linda D.

### The Weimar-Ohlstrom Prizes.

Whereas Mrs. Leonore Ohlstrom has given the sum of \$600 to the University for the purpose of establishing annual prizes in German in memory of her late husband, Patrick Andreas Ohlstrom, the following rules are hereby made:

1. Two prizes to be known as The Weimar-Ohlstrom Prizes shall be offered for competition each year.
2. Provided that in each case there is a candidate of sufficient merit —
  - (a) a prize of the value of two-thirds of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German II;
  - (b) a prize of the value of one-third of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German I.
3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Head of the Department of German.
4. These rules may be altered from time to time by the Council but the title and general purpose of the prizes shall not be altered.

#### Awards.

For previous awards, see Calendars from 1959.

- |      |                                     |  |
|------|-------------------------------------|--|
| 1965 | German I: Blaschka, Susanne         |  |
|      | German II: Ruthenbeck, Annemarie L. |  |
| 1966 | German I: Meyer, Elizabeth D.       |  |
|      | German II: Kullack, Gabriele M.     |  |
| 1967 | German I: Eddy, Anne E. L.          |  |
|      | German II: Meyer, Elizabeth D.      |  |
| 1968 | German I: Faraonio, Karin           |  |
|      | German II: Blaschka, Susanne        |  |

#### SECOND YEAR

### The Charles Fenner Prize in Geography.

This prize was founded by private subscription in memory of the late Charles Fenner, D.Sc. It is of the annual value of \$10, and is awarded to the matriculated student who is placed first in the Annual Examination in Geography II in the course for the ordinary degree of Bachelor of Arts, provided that the candidate is, in the opinion of the examiners, of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1961.

- |      |                     |      |                    |          |
|------|---------------------|------|--------------------|----------|
| 1965 | Grosser, Carolyn M. | 1968 | Collins, Alison J. | } equal. |
| 1966 | Hall, Alvena B.     |      | Wells, Geoffrey A. |          |
| 1967 | Grosser, Janice K.  |      |                    |          |

### The Edith A. Puddy Prize.

Whereas the Alliance Française of South Australia has given the sum of \$240 to the University for the purpose of establishing a prize in French to commemorate the services of Edith A. Puddy to the Alliance Française, the following rules are made:

1. A prize to be known as "The Edith A. Puddy Prize" shall be available for award annually.
2. The value of the prize shall be \$12.
3. The prize shall be awarded to the matriculated student or graduate placed first amongst the candidates who pass with distinction in the annual examination in French II.
4. These rules may be changed from time to time, but the title and general purpose of the prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1962.

1965	Rawson, Janine A.	1967	Pomroy, Andrew F. R.
1966	Dodsworth, Stephanie A.	1968	Flomersfeld, Nola

### The Sir Archibald Strong Memorial Prize for Literature.

This prize, of the value of \$50, was founded by the Misses Bedford in memory of the late Sir Archibald Strong.

For conditions, see Statutes, Chapter LXXII.

#### Awards.

For previous awards, see Calendars from 1963.

1965	Lee, Michael J.	1967	Cummings, Bronwyn J.
1966	Tulloch, Graham J.	1968	Pollnitz, Christopher P.

### The Weimar-Ohlstrom Prize for German II

(For Rules, see above under First Year)

#### THIRD YEAR

### The Anna Florence Booth Prize.

This prize, of the value of \$70, is offered annually, and is awarded for work in Social Studies. It was founded by Mr. Sydney Russell Booth in memory of his wife.

For conditions, see Statutes, Chapter LXII.

#### Awards.

1940	Broomhead, Edwin Norman,	1947	Worthley, Boyce Wilson,
	M.A.		B.A., M.Sc.
1943	Knauerhase, Oscar Carl, B.A.	1948-68	No award.

### The James Gartrell Prize.

Whereas James Gartrell has given the sum of \$400 for the purpose of establishing an annual prize of \$20. It is hereby provided that the same shall be awarded to the best matriculated or graduate student in Comparative Philology in the annual examination for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

As amended by Council, 27th June, 1930.

#### Awards.

For previous awards, see Calendars from 1932.

1963	Guerin, Bruce	1967	Gross, Carl D.
1966	Schulz, Adela L.	1968	Zanker, Graham

### The Edith Hübbe and Harriet Cook Prize.

Whereas the sum of Five Hundred Pounds has been paid to the University by the past pupils of the Knightsbridge School for the purpose of founding with the income thereof a prize in memory of the late Mrs. Edith Hübbe and the late Miss Harriet Cook, former Headmistresses of that school, to be called "The Edith Hübbe and Harriet Cook Prize":

It is provided that—

1. The Edith Hübbe and Harriet Cook Prize shall be of the value of \$50, and shall be available for award annually.

2. Provided that in the opinion of the examiners the candidate is of sufficient merit the Prize shall be awarded to the undergraduate placed first in the Annual Examination in English III.

3. The Council may vary these rules but the title of the Prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1959.

1965	Gent, Margaret G.	1967	Madelaine, Richard E. R.
1966	Lee, Michael, J.	1968	Hann, Adrian

### The Jefferis Memorial Medal.

Whereas the sum of fifty pounds has been paid to the University for the purpose of providing a medal in honour of the Rev. James Jefferis, LL.D., who was closely associated with the University from its foundation till his death in 1918: It is hereby provided that—

1. There shall be a medal to be awarded annually, and called "The Jefferis Medal".

2. It shall be awarded for distinction in the study of Philosophy, and it shall not be awarded except for work of high merit.

3. Provided that in the opinion of the Professor of Philosophy the essay is of sufficient merit the Medal shall be awarded each year to the matriculated or graduate student in either Philosophy IIIA or Philosophy IIIB who has written the best essay during the year.

4. The medal shall not be awarded to the same person more than once.

Made by Council, 1951.

NOTE: While the credit balance of the income from the endowment will permit, each award of the medal will be supplemented by a cash prize of \$6.30.

#### Awards.

For previous awards, see Calendars from 1957.

1966	Hawkes, Raymond	} equal	1967	Ramsey, Stephen R.
	Kelly, David St. L.		1968	Turner, David L.

#### The John F. Kennedy Memorial Scholarship.

Whereas the Australian-American Association in South Australia Incorporated raised by public subscription a sum of money\* which it has given to the University for the purpose of founding a Scholarship in memory of John Fitzgerald Kennedy, President of the United States of America from 1961 to 1963, the following rules are hereby made:

1. The Scholarship shall be called "The John F. Kennedy Memorial Scholarship".

2. The aim of the Scholarship shall be to encourage studies in Politics, International Relations and History.

3. A candidate for a Scholarship shall be a matriculated student in the Faculty of Arts, who

(a) in the year before that in which he wishes to hold the Scholarship is enrolled as a part-time student in the course for the Honours degree of Bachelor of Arts in either the School of History or the School of Politics, or in a combination of the two;

(b) has completed, or before taking up the Scholarship will have completed, all the work for the Honours degree except only the work of the final Honours year; and

(c) undertakes that if awarded a Scholarship he will enrol as a full-time student for the work of the final Honours year.

4. (a) A candidate for a Scholarship shall be nominated, in November of any year, by either the Head of the Department of History, or the Head of the Department of Politics.

(b) All nominations received by November 30 shall be considered initially by a Committee appointed for the purpose by the Faculty of Arts. The Committee shall report to the Faculty.

\* \$3,888.32.

- (c) In considering each nomination the Committee will take into account both academic record and financial need.
- (d) The award of a Scholarship shall be made by the Council on the recommendation of the Faculty of Arts.

5. A Scholarship shall be tenable for the year that the holder is enrolled as a full-time student for the work of the final Honours year. Its value shall be determined by the Council when the award is made; but so long as the income from the fund suffices for the purpose the value shall not be less than \$A200. Payment shall be made in two equal instalments: one at the beginning of the year of tenure of the Scholarship and the other as soon as practicable after receipt by the Academic Registrar, not earlier than four months after the date of payment of the first instalment, of a report from the Head of the relevant Department that the scholar's work and progress have been satisfactory.

6. The Scholarship shall be offered for award annually; but no award shall be made if, in the opinion of the Faculty of Arts, no candidate is of sufficient merit.

7. If in any year the Scholarship be not awarded additional Scholarships may, subject to these rules, be awarded in a subsequent year, provided that there are candidates who in the opinion of the Faculty of Arts are of sufficient merit.

8. These rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed.

Award.

1967 Panter, John R.

1968 Verrall, Derek O.

#### **The Violet de Mole Memorial Fund.**

The sum of \$512 (increased in 1952 to \$912) having been paid to the University for the purpose of establishing a fund to perpetuate the memory of the late Miss Violet de Mole, the following rules are hereby made:

1. A prize, to be known as The Violet de Mole Prize in French and consisting of a book or books of the value of \$20, shall be awarded annually to the matriculated or graduate candidate placed first in the annual examination in French III, provided that there is a candidate of sufficient merit. The book or books shall be selected by the prizeman with the approval of the Professor of French Language and Literature, and shall be furnished with the book-plate that has been designed for the purpose.

2. The balance of the income from the Fund, after payment of the prize provided for in Rule 1, shall be used for the purchase of books for the Barr Smith Library. Each book so purchased shall contain a bookplate indicating that it is part of The Violet de Mole Memorial Library. These books shall be selected by the Professor of French Language and Literature in consultation with the Librarian.

## Awards.

For previous awards, see Calendars from 1953.

1965	Hyslop, Anthea M. I.	1967	Dodsworth, Stephanie A.
1966	Rawson, Janine A.	1968	Turner, Stephen C.

### The Archibald Grenfell Price Prize in Geography.

The sum of \$220 having been given to the University by St. Mark's College Club for the purpose of establishing a prize to be known as "The Archibald Grenfell Price Prize in Geography", the following rules are made.

1. A prize, to be known as The Archibald Grenfell Price Prize in Geography, shall be awarded annually to the matriculated or graduate candidates placed first in the annual examination in Geography III in the course for the degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

2. The value of the prize shall be \$10.50 until the Council decides otherwise.

## Awards.

For previous awards, see Calendars from 1961.

1965	Webster, Lyndon L.	1967	Trueman, John C.
1966	Smith, Roger H.	1968	Binnion, Denis G.
	Thomson,		
	Robyn M.		

} equal

### The A. J. Schulz Bequest.

The late Adolf John Schulz having bequeathed to the University the sum of \$9,000 for the purpose of promoting postgraduate research work in the theory of education, and the study of the German language, literature and culture generally, the following rules are hereby made in accordance with the terms of the bequest:

#### A. EDUCATION.

1. A room in the Department of Education in the Napier Building shall be known as "The A. J. Schulz Room" and its primary purpose shall be to afford facilities for postgraduate research in the theory of education.

2. The annual income available from the bequest for the promotion of research in the theory of education shall be used to furnish the A. J. Schulz Room with books relating to the theory of education and with furniture and equipment. The books shall be chosen by the Head of the Department of Education in consultation with the Librarian.

3. Books purchased under the A. J. Schulz bequest and shelved in the Schulz Room shall not be available for loan and shall not be removed by students from the Room. A copy of each book in the Schulz Room shall be available for general use in the Barr Smith Library.



## B. GERMAN.

4. (a) Prizes, to be known as A. J. Schulz Prizes, shall be available for award annually at the Public Examinations as follows:

- (i) A book or books to the value of \$6 for the candidate under 16 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Intermediate Examination.
- (ii) A book or books to the value of \$6 for the candidate under 18 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Leaving Examination.
- (iii) A book or books to the value of \$10 for the candidate under 19 years of age on December 31 of the year in which the examination is held who obtains the highest marks in German at the Leaving Honours Examination.

(b) The book or books constituting the prize shall be chosen by the prizeman with the approval of the Head of the Department of German.

(c) No award of a prize shall be made if the examiners be of opinion that there is no candidate worthy of the award.

5. (a) Prizes, to be known as A. J. Schulz Prizes, shall be available for award annually as follows:

- (i) Books to the value of \$30 for the candidate placed first in the annual examination in German III.
- (ii) Books to the value of \$50 for the candidate placed first in the final examination for the Honours degree of Bachelor of Arts in the School of German Language and Literature.

(b) No award of a prize shall be made if the examiners be of opinion that there is no candidate worthy of the award.

6. (a) An award, to be known as the A. J. Schultz Award and consisting of books to the value of \$30 shall be available annually for a candidate of sufficient merit who, having qualified for the Honours degree of Bachelor of Arts in the School of German Language and Literature, proceeds to postgraduate study in the Department of German.

(b) The award will be made by the Council on the recommendation of the Faculty of Arts, after advice from the Head of the Department of German.

7. The books constituting a prize under Rule 5 or the award under Rule 6 shall be chosen by the successful candidate with the approval of the Head of the Department of German and furnished with a book-plate designed for the purpose.

8. If in any year a prize be not awarded under Rule 5 or an award be not made under Rule 6 the value of the prize or award for that year shall be used for the purchase of books for the Barr Smith Library. Such books shall be chosen by the Head of the Department of German in consultation with the Librarian and shall be furnished with an appropriate book-plate.

## C. GENERAL.

9. The Council may alter these rules from time to time provided that the general purposes of the bequest be preserved; and the annual income available for the purposes of the bequest shall be changed from time to time as the capital sum of the bequest grows in accordance with the provisions of the bequest.

## Awards.

1967—

## Prizes:

German III: Zweg, Lois B.  
Final Honours German: Urban, Evelyn

## Award:

Urban, Evelyn.

1968—

## Prizes:

German III: Meyer, Elizabeth D.  
Final Honours German: Zweg, Lois B.

## Award:

Atter, Reinhard O.

## HONOURS

## The Australian Psychological Society Prize in Psychology.

The Australian Psychological Society, having agreed to provide an annual prize the purpose of which shall be the encouragement of the study of Psychology by fourth-year students, the following rules are hereby made:

1. The prize shall be called "The Australian Psychological Society Prize in Psychology."
2. The value of the prize shall be \$20, until otherwise determined.
3. The prize shall be awarded each year to the student who has, in that year, most distinguished himself in the Honours School of Psychology, either in the course for the Honours degree of Bachelor of Science or in the work of the Final Honours year of the course for the degree of Bachelor of Arts; provided that no award shall be made if no candidate is deemed of sufficient merit.
4. The recommendation for the award of the prize shall be made either by the Board of Examiners of the Faculty of Science or by the Board of Examiners of the Faculty of Arts, upon receipt of advice from the Head of the Department of Psychology.
5. These rules may be varied from time to time by the Council.

## Awards.

For previous awards, see Calendars from 1962.

1965	Taplin, Roger E.	1967	Cunningham, Kathrine M.
1966	Nettlebeck, Theodore J.	1968	Ellery, Jeanette F.

### The John Howard Clark Prize.

This prize, of the value of about \$50 a year for two years, was founded by public subscription in memory of the late John Howard Clark for the encouragement of English Literature at the University.

For conditions, see Statutes, Chapter XIV.

#### Awards.

For previous awards, see Calendars from 1904.

#### Prizemen:

1964	Bright, Ann	1966	Gent, Margaret G.
1965	Rodger, Michael S.	1967	Lee, Michael J.

#### Scholars:

1945	Smith, Cecil Teesdale	1955	Trogenza, John Miller
1949	Wall, Barbara Deane	1961	O'Grady, Helen P.

### The A. J. Schulz Bequest (Final Honours German).

(For Rules, *see* above under Third Year)

### The Tinline Scholarships for History and Politics.

Two scholarships of the value of \$60 are offered annually. They were founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother. Until 1964, one Scholarship only, of the value of \$120 was offered in History.

For conditions, see Statutes, Chapter XXX.

#### Awards.

For previous awards, see Calendars from 1913.

1965	Gibson, Edmund R. B. (History)	1967	Walker, David R. (History)
	Marshall, Marilyn C. (Politics)		Jaensch, Dean H., B.A. (Politics)
1966	Norris, Ronald Murray, William J. } equal (History)	1968	Gillam, Margaret J. (History) Connell, Susan M. (Politics)

#### POSTGRADUATE

### The New Education Fellowship Prize in Education

Whereas The New Education Fellowship (South Australian Section) has agreed to provide an annual prize to encourage the post-graduate study of Education, the following Rules are hereby made:—

1. The prize shall be called "The New Education Fellowship Prize in Education."
2. The value of the prize shall be \$40.
3. The prize shall be awarded each year to the student who, in that year, qualifies for the award of the Diploma in Education and has achieved the best results in the examinations for the Diploma, provided that he has taken not more than two years to complete the examinations and provided also that no award shall be made if no candidate is deemed of sufficient merit.
4. The award shall be made by the Council on the recommendation of the Faculty of Arts, after the Faculty has received advice from the Professor of Education. D.1587/64.

#### Awards.

1965 McDonald, Elizabeth, M.A.	1967 Carey, Helen, B.A.	} equal
	Overell, William J., B.A.	
1966 No award.	1968 Lee, John M.	} equal
	Silis, Maris	

#### Overseas Scholarships in Arts and Economics.

These scholarships were superseded in 1962 by George Murray Scholarships. For previous awards and rules see Calendar for 1961. For subsequent years, see George Murray Scholarships.

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### FACULTY OF DENTISTRY.

#### FIRST YEAR

#### The Dental Board of South Australia Prizes.

Whereas the Dental Board of South Australia has paid to the University the sum of \$1,600 for the purpose of establishing two annual prizes in the Faculty of Dentistry, the following rules are hereby made:

1. The prizes shall be called "The Dental Board of South Australia Prizes".
2. The value of each prize shall be \$40, until the Council decides otherwise.
3. The prizes shall be awarded to the matriculated students who are placed first in the list of candidates who pass with distinction in the First Annual Examination and the Fourth Annual Examination respectively.

4. If in any year a prize be not awarded, an additional prize may be awarded in any subsequent year to the student who is placed second in the list of candidates who pass with distinction in the relevant Annual Examination, provided that in the opinion of the Board of Examiners he is of sufficient merit.

Awards.

On the Fourth Annual Examination.

For previous awards, see Calendars from 1948.

1965	Roberts, Michael J.	1967	No Award
1966	Moore, Rodney L.	1968	Lam, Kui Po

On the First Annual Examination.

1967	Fairbank, Julie M.	1968	Towsend, Grant C.
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SECOND YEAR

The Malcolm Joyner Prize.

The Council has accepted the offer of the South Australian Graduate Chapter of the Delta Sigma Delta Fraternity to provide a prize of \$21 to be known as "The Malcolm Joyner Prize" to be awarded annually to the student who, in the opinion of the Board of Examiners, most distinguishes himself in the second annual examination, provided that he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1964.

1965	Castle, Douglas T.	1967	Soave, Boris
1966	Lam, Kui Po	1968	Sampson, Wayne J.

THIRD YEAR

The Thomas D. Hannon Prize.

The Council has accepted a gift from the South Australian Branch of the Australian Dental Association of \$266 to endow an annual prize of \$12 to be known as "The Thomas D. Hannon Prize". The prize will be awarded to the student who is placed first in the list of candidates who pass with distinction in the third year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1957.

1961	Chau, Kai Kin	1967	Lam, Kui Po
1963	Ielasi, Anthony		

FOURTH YEAR

The Dental Board of South Australia Prize for Fourth Year.

For rules, see above under First Year.

## FIFTH YEAR

**Australian Dental Association (S.A. Branch) Prize.**

The Council has accepted the offer of the S.A. Branch of the Australian Dental Association to provide a prize of \$31.50 to be awarded annually to the student who is placed first in the list of candidates who pass with distinction in the final examination for the degree of Bachelor of Dental Surgery.

## Awards.

For previous awards, see Calendars from 1935.

1963	Chau, Kai Kin	1967	Moore, Rodney L.
1966	Roberts, Michael L.	1968	Castle, Douglas T.

**The Australian Society of Orthodontists (S.A. Branch) Prize.**

The Council having accepted the offer of the Australian Society of Orthodontists (South Australian Branch) to provide an annual prize of \$40 in the subject Orthodontics, the following rules are hereby made:

1. The prize shall be known as "The Australian Society of Orthodontists (South Australian Branch) Prize".

2. The prize shall be awarded to the matriculated student in the final year of the course for the degree of Bachelor of Dental Surgery who

- (a) has passed in the Final Examination of that course; and
- (b) is deemed by the Board of Examiners to have most distinguished himself, throughout his studies in the Dental course, in the subject Orthodontics;

provided that an award shall not be made unless the student concerned is regarded by the Board as being of sufficient merit.

## Awards.

1967	Ball, James F.	1968	Kyros, William
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**The Austin Bazely Prize.**

The Council has accepted, from the Oral Surgery and Oral Medicine Study Group of the Australian Dental Association (S.A. Branch), a gift of \$500 to endow an annual prize of \$25 to be known as "The Austin Bazely Prize". The prize will be awarded to the final-year student who, in the opinion of the Board of Examiners, most distinguishes himself in the annual examination in Oral Surgery and Oral Pathology, provided that he is of sufficient merit.

## Awards.

1965	Lund, James P.	1967	Ball, James F.
1966	Roberts, Michael L.	1968	Evans, Margaret A.

### General Practice Study Group Prize.

The Council has accepted the offer of the General Practice Study Group (South Australia) of the Australian Dental Association, to provide a prize of \$21 to be awarded annually to the final year student who in the opinion of the Board of Examiners most distinguishes himself in the annual examination in Conservative Dentistry, provided that he is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1964.

1965	Ielasi, Anthony	1967	Moore, Rodney L.
1966	Wright, David W. R.	1968	Hume, Wyatt R.

#### POSTGRADUATE

### The Dental Board of South Australia Research Scholarship.

Whereas the Dental Board of South Australia has agreed to pay to the University from time to time certain sums of money for the purpose of founding a research scholarship in Dental Science, it is hereby provided that:

1. The scholarship shall be called "The Dental Board of South Australia Research Scholarship".
2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.
3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.
4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.
5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.
6. Within the financial provision made available from time to time by the Dental Board of South Australia, the University may award more than one scholarship at any one time.

#### Awards.

1950	Plummer, Alexander P., B.D.S.	1958	Sims, Milton R., B.D.S.
		1963	Wei, Hon Yin, Stephen

### The Faulding Scholarship in Dentistry.

The Council has accepted the offer of Messrs. F. H. Faulding and Co. Ltd. to provide the sum of \$42 a year for at least five years for a scholarship in Dentistry on the following conditions:

1. The scholarship shall be known as "The Faulding Scholarship in Dentistry".

2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.

3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.

4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than \$80 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

### The G. O. Lawrence Scholarship.

#### RULES

Whereas the late Mrs. A. E. Lawrence has bequeathed to the University the sum of \$70,000 for the purpose of founding a post-graduate scholarship in Conservative Dentistry to commemorate the name of her late husband, Gordon Ord Lawrence, a teacher of Conservative Dentistry in the Dental School from 1940 to 1960, it is hereby provided as follows:

1. There shall be a postgraduate Scholarship in Conservative Dentistry to be known as "The G. O. Lawrence Scholarship".

2. Until otherwise determined by the Council, the annual value of the Scholarship shall be up to \$3,500.

3. The following persons may apply for award of the Scholarship:

- (i) A person who has qualified for the degree of Bachelor of Dental Surgery of The University of Adelaide;
- (ii) a graduate in dentistry of another university, provided that his degree has a course content accepted by the Faculty of Dentistry as equivalent to that of the degree of Bachelor of Dental Surgery of the University of Adelaide;
- (iii) a graduate of a university who does not hold a degree in dentistry but who, in the opinion of the Faculty of Dentistry, is qualified to undertake research having relevance to Conservative Dentistry;
- (iv) a person who does not hold a degree in dentistry of a university, provided that he holds a qualification for which he has followed a course of study acceptable to the Faculty of Dentistry as equivalent to the degree of Bachelor of Dental Surgery in The University of Adelaide.

4. Awards and extensions of awards shall be made by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the value that should be attached to the Scholarship in each case.



5. An award shall be made for a period of up to one year in the first instance, but, subject to satisfactory work and progress, tenure may be extended on an annual basis for a maximum period as follows:

- (i) For a scholar proceeding to the degree of Master of Dental Surgery: one further year;
- (ii) for a scholar proceeding to the degree of Doctor of Philosophy: two further years;
- (iii) for a scholar not proceeding to a higher degree: one further year.

6. A scholar shall undertake full-time study or research in a branch of Conservative Dentistry approved by the Faculty of Dentistry. Such study or research will normally be undertaken in The University of Adelaide.

7. During the tenure of the Scholarship a scholar may undertake such teaching or similar work, not exceeding the equivalent of six hours demonstrating in the laboratory a week, as the Council, having regard to the general purpose of the Scholarship, may approve.

8. A Scholarship may be suspended or terminated at any time before the expiry of the normal tenure, either at the scholar's request, or if, in the opinion of the Council, the scholar's performance has been unsatisfactory.

9. Until the Council shall otherwise determine, unspent income shall accumulate; an additional Scholarship may be awarded from time to time whenever the accumulated income of the fund permits.

10. Applications for the Scholarship shall be lodged with the Registrar by such date as the Council shall from time to time prescribe.\*

11. These Rules may be varied from time to time by the Council, but the title and general purpose of the Scholarship shall not be changed.

\* Enquiries about the Scholarship are welcome at any time. If the Scholarship were not likely to be available for some time, it could be that some other suitable award would be available.

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## FACULTY OF ECONOMICS

### FIRST YEAR

#### The Australian Society of Accountants Prizes in Accountancy.

For six years, from 1947, the Commonwealth Institute of Accountants provided the sum of \$60 a year for five years for the purpose of providing Prizes in Accountancy. In 1953, responsibility for providing the Prizes was assumed by the Australian Society of Accountants. The Prizes, at first known as the Commonwealth Institute of Accountants Prizes in Accountancy, have been known since 1953 as The Australian Society of Accountants Prizes in Accountancy. They are awarded in accordance with the following rules:

1. Two prizes, each of the value of \$30 are offered annually.
2. Provided that there are candidates of sufficient merit, one prize shall be awarded to the candidate in Elements of Accounting (till 1956 in Accountancy I) and the other to the candidate in Management Accounting (till 1956 in Accountancy II), who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor Commerce.
4. If in any year the course of lectures in Elements of Accounting or Management Accounting is not given, the prize in that subject shall lapse for that year.

#### Awards.

For previous awards, see Calendars from 1953.

- |      |   |                                  |
|------|---|----------------------------------|
| 1966 | Lindner, Robert K., B.Ag.Sc. (Elements of Accounting) |                                  |
|      | Heywood, Derrick S. (Management Accounting)           |                                  |
| 1967 | Benger, Brian G. (Elements of Accounting)             |                                  |
|      | Wills, Dawn A. H. (Management Accounting)             |                                  |
| 1968 | Glidden, James  | } equal (Elements of Accounting) |
|      | Hobbes, Graham W.                                     |                                  |
|      | Saunders, Donald W. (Management Accounting)           |                                  |

#### The John Creswell Scholarships.

These scholarships were founded in 1913 by public subscription in memory of the late John Creswell. They are tenable for five years, and scholars proceed to the degree of Bachelor of Economics.

For conditions, see Statutes, Chapter XXXVI.

#### Awards.

For previous awards, see Calendars from 1919.

- |      |                     |  |      |                    |
|------|---------------------|--|------|--------------------|
| 1962 | Killick, James C.   |  | 1965 | Goldsmith, John D. |
| 1963 | Gray, David R.      |  | 1966 | Palesy, Steven R.  |
|      | Lang, Roger J.      |  | 1967 | Knapman, Bruce     |
| 1964 | Frogley, William G. |  |      |                    |

#### The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association Incorporated (later known as the Commercial Travellers' Association of South Australia Incorporated) has paid to the University the sum of \$200 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association; the following rules are hereby made:

1. A bursary, to be called "The Archibald Mackie Bursary", shall be awarded by the University to any person nominated from time to time by the Commercial Travellers' Association of South Australia (Incorporated).

2. The Bursar must, prior to the award, have satisfied the requirements of the University for entrance upon the course for the degree of Bachelor of Economics.

3. Unless the Council of the University, with the consent of the Association, decides otherwise, the Bursary shall be of the value of \$50 payable once only during the period of the Bursar's studies for the degree of Bachelor of Economics.

4. The Bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

5. The Association may, at any time, with the permission of the Council, substitute another student for the then holder of the Bursary, and the privileges of the then holder shall thereupon be at an end.

6. The Bursary shall be offered for competition from time to time as the accumulated net income from the fund permits.

7. These rules may be varied from time to time, but the title and the purpose of the Bursary shall not be changed.

#### Awards.

For previous awards, see Calendars from 1932.

1944	Gordon, John Llewellyn	1954	Wilson, Geoffrey Palmer
1946	Noblett, Peter	1961	Stock, Michael C.

#### Professor Tew's Prize for Economics I.

In 1949 Professor Brian Tew, Professor of Economics in the University of Adelaide from 1946 to 1949, gave \$200 to provide prizes in the Department of Economics. Under that gift an annual prize of \$10 is awarded to the candidate placed first in the annual examination in Economics I, provided that he is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1955.

1965	Davies, Bryan L.	} equal	1967	Tuck, Robert C.
	Nicolai, Michael F.		1968	Lewis, Raymond D.
1966	Wagstaff, Peter			Peacock, Rolffe W. J. } equal

#### The George Thompson Bursary in Commerce.

This bursary was founded in 1923 by the Adelaide Co-operative Society, Limited, in memory of the late George Thompson, the first Secretary and Manager of the Society.

For conditions, see Statutes, Chapter XLVI.

#### Awards.

For previous awards, see Calendars from 1931.

1947	Thompson, James Andrew	1955	Martin, Ian S.
1951	Wheaton, Roger Phillip		

## SECOND YEAR

**The Adelaide Chamber of Commerce Prize.**

The Council has accepted the offer of the Adelaide Chamber of Commerce to provide an annual prize of \$21 to be awarded to the student placed first in the annual examination in Economics II provided that he is of sufficient merit.

**Awards.**

For previous awards, see Calendars from 1961.

1965	Bloch, Frederick A.	1968	Officer, Stephen J.	} equal
1966	Thomson, Murray D. A.		Tilbrook, Trevor C.	
1967	Wagstaff, Peter		Wills, Dawn A. H.	

**Australian Society of Accounts Prizes in Accountancy.**

(For Rules, see above under First Year)

**The Economic Society Prize in Economic Statistics I.**

Whereas the Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide annual prizes in Economics and Economic Statistics, the following rules are hereby made:

1. The Prizes shall be called "The Economic Society Prizes".

2. One Prize shall be available for award each year in Economics III and the other in Economic Statistics I.

3. The Prize in Economics III shall be books to the value of \$21 and one year's free membership of the Society. It shall be awarded to the matriculated student obtaining the best results in the annual examination in the subject, provided that in the opinion of the examiners he is of sufficient merit.

4. The Prize in Economic Statistics I shall be books to the value of \$21 and shall be awarded to the matriculated student obtaining the best results in the annual examination in the subject, provided that in the opinion of the examiners he is of sufficient merit.

**Awards.****Prize in Economics III.**

For previous awards, see Calendars from 1945.

1965	Caton, Christopher N.	1967	Ashton, David J.	} equal
1966	Bloch, Frederick A.		Eckermann, Lee D.	
		1968	Wagstaff, Peter	

**Prize in Economic Statistics I.**

1965	Boyce, Robert W.	1967	Heron, Ian C.	} equal
1966	Eckermann, Lee D.		Welford, John P.	
		1968	Flavel, Warren L.	

## THIRD YEAR

**The Economic Society Prize in Economics III.**(For Rules, *see* above under Second Year)**The Joseph Fisher Medal.**

The statute provides for the annual award of this medal to the candidate for the degree of Economics, who, on completing the course for the degree and having included in it four courses in Accountancy and Law, shall, in the opinion of the examiners, be the most distinguished, and be considered by them worthy of the award.

For conditions, see Statutes, Chapter XXVIII.

**Awards.**

For previous awards, see Calendars from 1913.

1965	Hubbard, Jack R.	1967	Heywood, Derrick S.
1966	Bloch, Frederick A.	1968	Wright, Leslie C.

**The Institute of Chartered Accountants in Australia Prize in Financial Accounting.**

The South Australian State Council of the Institute of Chartered Accountants in Australia has offered to provide annually the sum of \$21 for a prize in Financial Accounting, and the following rules have therefore been made:

1. A prize to the value of \$21 is offered annually.
2. Provided that there is a candidate of sufficient merit, the prize shall be awarded to the candidate in Financial Accounting, who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. The prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.
4. These rules may be varied by the Council, but the title and purpose of the prize shall not be altered without the consent of the Institute of Chartered Accountants in Australia.

**Awards.**

For previous awards, see Calendars from 1961.

1964	Dall, Dennis J.	1967	Barrett, Peter G.
1966	Bloch, Frederick A.	1968	Wills, Dawn A. H.

**The Royal Institute of Public Administration Medal and Prize**

Whereas the Council has accepted the offer of the South Australian Regional Group of the Royal Institute of Public Administration to provide annually a medal and prize for Public Administration, the following rules are hereby made:

1. The medal and prize shall be known as "The Royal Institute of Public Administration Medal and Prize" and shall be awarded annually to the candidate who, on completing the course for the Diploma in Public Administration, shall in the opinion of the examiners, be the most distinguished and be considered by them worthy of the award.

2. No candidate shall be eligible for the award if he fails to complete the course for the Diploma within six years of his entering upon the course except for special reasons allowed by the Council, nor shall any candidate be eligible if he has received exemption from examination in any subject in the course.

3. These rules may be varied by the Council from time to time but the title and general purpose of the award shall not be changed.

#### Awards.

For previous awards, see Calendars from 1961.

1961	Trumble, Hugh P. C., B.Ag.Sc.	1964	Koukoulas, Anthony G.
1962-63	No award	1965-68	No award

#### The John Storey Prize in Economic Statistics II.

(For Rules, *see* under Master of Business Management, page 273)

#### HONOURS

##### The John Lorenzo Young Scholarship.

This Scholarship was founded in memory of the late John Lorenzo Young, and is awarded to encourage research in Political Economy or some cognate subject.

1. The said sum of \$400, together with such additions as have already accrued or may accrue under Clause 4 below, shall constitute the foundation fund of a scholarship which shall (a) be called the John Lorenzo Young Scholarship; and (b) be awarded for research in Political Economy or some cognate subject.

2. Until otherwise determined by the Council the value of the scholarship shall be \$30 and shall be paid in one sum when the award is made.

3. The scholarship shall be offered for award annually and subject to Clause 4 below shall be awarded to the author of the report on a research project which in the opinion of the examiners is the best such report submitted in that year by a final-year candidate for the Honours degree of Bachelor of Economics or the Honours degree of Bachelor of Arts in Economics.

4. If in the opinion of the examiners no report of sufficient merit be submitted in any year no award for that year shall be made and the value of the scholarship shall be added to the foundation fund referred to in Clause 1 above.

5. The foregoing clauses may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.

#### Awards.

For previous awards, see Calendars from 1954.

1965	Mules, Trevor J.	} equal	1967	Round, David K.
	Riegel-Huth, Jill P. A.		1968	Hirst, Jane A.
1966	Scott, Graham McL., B.Ec.	} equal		
	Struenkmann, Uwe, B.Ec.			

#### MASTER OF BUSINESS MANAGEMENT

#### The John Storey Prizes.

Whereas the Council has accepted the offer of the Australian Institute of Management to provide three annual prizes, one in Business Management, one in Economic Statistics II and one in Engineering Management, the following rules are hereby made:

1. The Prizes shall be called "The John Storey Prizes".

2. The value of the Prizes shall be as follows:

In Business Management - - \$42

In Economic Statistics II - - \$21

In Engineering Management - \$21

3. The Prize in Business Management shall be awarded to the student who, on completing the courses of study prescribed in the schedules of the degree of Master of Business Management, has obtained the best results in the annual examinations for that degree, provided that in the opinion of the examiners he is of sufficient merit.

4. The Prize in Economic Statistics II shall be awarded to the matriculated student who is placed first in the annual examination in Economic Statistics II, provided that in the opinion of the examiners he is of sufficient merit.

5. The Prize in Engineering Management shall be awarded to the matriculated student in the course for the degree of Bachelor of Engineering who is placed first in the annual examination in Engineering Management, provided that in the opinion of the examiners he is of sufficient merit.

#### Awards.

For previous Awards, see Calendars from 1963.

1966	Business Management: Boros, Peter G., B.E.	} equal
	Newman, Robert L., B.Com. (Melb.)	
	Economic Statistics II: Lindner, Robert K. B.Ag.Sc.	
	Engineering Management: No award	

- 1967 Business Management: No award  
 Economic Statistics II: Hall, Anthony D.  
 Engineering Management: No award
- 1968 Business Management: No award  
 Economic Statistics II: Pascoe, Malcolm S.  
 Engineering Management: Lim, Siong Guan

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## FACULTY OF ENGINEERING.

### FIRST YEAR

#### The Sir Robert Chapman Prize.

Whereas the University has received the sum of \$600 subscribed by former students of Sir Robert William Chapman, first Professor of Engineering and for fifty years a teacher in the University, for the purpose of founding a prize in his honour and memory: It is hereby provided as follows:

1. There shall be an annual prize to be called "The Sir Robert Chapman Prize".
2. The prize shall consist of a printed reproduction of the portrait of Sir Robert William Chapman, and the sum of \$21.
3. A prize shall be awarded each year to the matriculated student in the Faculty of Engineering who in the opinion of the Faculty shall have most distinguished himself during that year in the subject "Engineering I"; provided that no award shall be made unless the Faculty be satisfied that the student is of sufficient merit.
4. If in any year no award be made, the prize for that year shall lapse.
5. These rules may be varied from time to time, but the title and the general purpose of the prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1943.

- |      |                         |   |
|------|-------------------------|---|
| 1967 | Stanley, Christopher R. | Jenkins, Bryan R.<br>Owens, Lewis W. } equal<br>(for Strength of Materials) |
| 1968 | Pappin, John W.         |   |

#### AVAILABLE FOR AWARD IN SECOND OR THIRD YEARS

#### The Esso Prize for Engineering Materials.

Whereas Esso Standard Oil (Australia) Ltd. has agreed to provide an annual prize in Engineering, the following rules are hereby made:

1. The prize shall be called "The Esso Prize for Engineering Materials."



2. The prize shall be of the value of \$40.

3. The prize shall be awarded to the matriculated student in the course for the degree of Bachelor of Engineering, who is placed first in the annual examination in Engineering Materials or Materials Science provided that in the opinion of the examiners he is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1965.

1965	Fraser, Robert A.	1967	Sullivan, Richard K.	} equal
1966	Hia, Chek Phang		Wright, Michael J.	
		1968	Mitchell, Peter W.	} equal
			Muggleton, Leslie B.	

#### SECOND YEAR

#### The E. V. Clark Prize for Electrical Engineering.

Whereas the sum of \$300 has been paid to the University by Mrs. M. G. Clark for the purpose of founding a prize in memory of her late husband, Edward Vincent Clark, B.Sc., who directed the study of Electrical Engineering in the University of Adelaide from March, 1910 to February, 1943, it is hereby provided that:

1. The prize shall be called "The E. V. Clark Prize for Electrical Engineering".

2. So long as the fund and the income thereof suffice for the purpose, the prize shall be of the annual value of \$14.70.

3. The prize shall be awarded annually to the undergraduate placed first at the annual examination in the subject of Electrical Engineering I; provided that if in the opinion of the Professor of Electrical Engineering no candidate is of sufficient merit, no award shall be made.

4. These Rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

#### Awards

For previous awards, see Calendars from 1956.

1965	Bullock, Frederick G.	1967	Bleys, Cyriacus A.	} equal
1966	Hopkirk, Geoffrey G.		Krbavac, Lucio P.	
		1968	Tham, Choon Tat	

#### The Philips Electrical Industries Prize in Elements of Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of \$20 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Elements of Electronics."

2. The prize shall be awarded annually to the matriculated student who attains the highest standard in the Electronics section of the subject Electrical Engineering I, account being taken of achievement during the year as well as in the final examination; provided that no award shall be made if no candidate is deemed of sufficient merit.

**Awards.**

For previous awards, see Calendars from 1961.

1965 Mere, Rein	1967 Bleys, Cyriacus A.
1966 Olesnický, Roman M. E.	1968 Taarnby, Kenneth B.

**The Shell Prizes in Chemical Engineering.**

Whereas the Shell Company of Australia Limited has agreed to provide two annual prizes in Engineering, one for Mechanical Engineering and one for Chemical Engineering, the following rules are hereby made:

1. The Shell Prize for Mechanical Engineering shall be of the value of \$63 and shall be awarded to the full-time student in the third year of the course for the degree of Bachelor of Engineering in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

2. The Shell Prize for Chemical Engineering shall be of the value of \$63 and shall be awarded to the full-time student in the second year of the course for the degree of Bachelor of Engineering in Chemical Engineering who most distinguishes himself at the annual examinations, provided that in the opinion of the examiners he is of sufficient merit.

**Awards.**

For previous awards, see Calendars from 1961.

**Mechanical Engineering.**

1965 Wilson, Richard E.	1967 Lim, Siong Guan
1966 Heydrich, Hans	1968 Lim, Cheng Hock

**Chemical Engineering.**

1965 McCarthy, Michael A.	1967 Wright, Michael J.
1966 Hia, Chek Phang	1968 Clark, Geoffrey H.

*THIRD YEAR*

**The Australian Institute of Steel Construction Prizes.**

Whereas the Council has accepted the offer of the Australian Institute of Steel Construction to provide annually two prizes in Civil Engineering, the following rules are hereby made:

1. One prize shall be called "The Australian Institute of Steel Construction Junior Prize"; the other shall be called "The Australian Institute of Steel Construction Senior Prize".

2. The Junior prize shall consist of books to the value of \$40, and shall be awarded on the recommendation of the Head of the Department of Civil Engineering to the student who attains the highest standard in the design work and examinations in the subjects of the penultimate year most pertinent to the theory and design of steel structures.

3. The Senior prize shall consist of books to the value of \$60 and shall be awarded on the recommendation of the Head of the Department of Civil Engineering to the student who attains the highest standard in the design work and examinations in the subjects of the final year most pertinent to the theory and design of steel structures.

4. The award of either prize shall be withheld if, in the opinion of the Head of the Department of Civil Engineering, no candidate is of sufficient merit.

#### Awards.

Junior Prize:	Senior Prize:
1967 Hardy, Michael P.	1967 Ginos, Zisis
1968 Nutt, Stephen J.	1968 Battye, Peter L.

#### The Gerard Prize.

Whereas Gerard Trust Ltd. has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Gerard Prize."

2. The value of the prize shall be \$42.

3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who is placed highest in the final examination in Electrical Engineering II, provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1960.

1965 Lange, Volker W. } equal	1967 Olesnicky, Roman } equal
Whitrow, John L. }	M. E. }
1966 Colebatch, Phillip M. }	Payne, Robert L. }
	1968 Krbavac, Lucio P. }

#### The Sir William Goodman Scholarship.

Whereas the late Sir William G. T. Goodman has bequeathed to the University the sum of \$8,000 for the purpose of founding an undergraduate scholarship in Electrical Engineering, the following rules are hereby made:

1. A scholarship in Electrical Engineering, to be known as "The Sir William Goodman Scholarship", shall be available for award annually.

2. Subject to Clause 3 hereof, the scholarship shall be awarded to the candidate for the degree of Bachelor of Engineering in Electrical Engineering who in the opinion of the Faculty of Engineering obtains the best results at the annual examinations of the third-year prescribed in the Schedule defining the course of study for that degree.

3. If in the opinion of the Faculty of Engineering the candidate defined in Clause 2 hereof is not of sufficient merit to warrant award of the scholarship no award for that year shall be made; and if an award so lapse an additional award may be made in a subsequent year in which there is a second candidate who in the opinion of the Faculty is worthy of an award.

4. The scholarship shall be tenable for the final year of the course of study for the degree of Bachelor of Engineering in Electrical Engineering.

5. The value of the scholarship shall be \$400. Subject to Clause 6 hereof, one-half of this sum will be paid in three equal instalments, one at the beginning of each term of the academic year for which the scholarship has been awarded. The other half will be paid in one sum when the scholar has qualified for admission to the Honours degree of Bachelor of Engineering in Electrical Engineering.

6. Payment of the second and third instalments referred to in Clause 5 hereof will be subject to receipt by the Registrar of a certificate from the Head of the Department of Electrical Engineering that the scholar's attendance and progress during the preceding term have been satisfactory.

7. These rules may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Awards.

1964	Lee, Huat Chye (Jeffrey)	1967	Bullock, Frederick G. } Colebatch, Phillip M. } equal
1965	Lees, Maxwell L.	1968	Payne, Robert L.
1966	Lange, Volker W.	1969	Krbavac, Lucio P.

**The James Hardie Prize in Civil Engineering.**

Whereas Messrs. James Hardie and Coy. Pty. Limited, has agreed to provide an annual prize of \$100 in Civil Engineering, the following rules are hereby made:

1. The prize shall be called "The James Hardie Prize in Civil Engineering."

2. The prize shall be awarded annually to the matriculated student in the course for the degree of Bachelor of Engineering in Civil Engineering, who is placed first in the hydraulics part of the third-year examinations, provided that the prize shall not be awarded if there is no candidate of sufficient merit.

Awards.

1965	Foley, Shane P. } Killick, James C. } equal	1967	Fraser, Robert A. } Roberts, Rhys A. } equal
1966	Sutton, John M.	1968	Nutt, Stephen J.

### The I.R.E.E. Fisk Prize.

Whereas the Institution of Radio and Electronics Engineers of Australia has agreed to provide an annual prize of \$50 in memory of the Foundation President of the Institution, the late Sir Ernest Fisk, the following rules are hereby made:

1. The award shall be known as "The I.R.E.E. Fisk Prize".
2. The Prize shall be of the value of \$50.
3. The Prize shall be awarded to the matriculated student who obtains the best results in the annual examinations in Electronics as part of the subject Electrical Engineering II; provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

1963	Flavel, Warren L.	1967	Daly, Ross M.	} equal
1964	Webster, Ashley D.		Downing, Andrew	
1965	Whitrow, John L.		R., B.Sc.	
1966	Nguyen, Tran Van	1968	Krbavac, Lucio P.	

### The Petroleum Refineries (Australia) Pty. Ltd. Prize in Chemical Engineering.

Whereas Petroleum Refineries (Australia) Pty. Ltd. (formerly Standard-Vacuum Refining Company (Australia) Pty. Ltd.) have agreed to provide the sum of \$100 a year for the purpose of providing a prize in Chemical Engineering, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering, of the value of \$100 and to be known as "The Petroleum Refineries Prize in Chemical Engineering", shall be offered annually.
2. The prize shall be awarded to the student who shows the greatest proficiency in the work of the penultimate year in Chemical Engineering for the degree of Bachelor of Engineering.
3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1963.

1963	Isaachsen, Oscar A.	1966	McCarthy, Michael A.
1964	Arthur Neill F.	1967	Hia, Chek Phang
1965	Fox, Allan D.	1968	Owens, Lewis W.

### The S.A. Chamber of Manufactures Prize in Electronic Control.

The Council having accepted the offer of the S.A. Chamber of Manufactures to provide a prize of \$20 a year for work in Electronic Control, the following rules are hereby made:

1. The prize shall be called "The S.A. Chamber of Manufactures Prize in Electronic Control."

2. The Prize shall be awarded on the recommendation of the Faculty of Engineering to the matriculated student in the course in Electrical Engineering who attains the highest standard in the annual written and practical examinations in Automatic Control as part of the subject Electrical Engineering II; provided that no award shall be made if no candidate is considered to be of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1954.

1966	Colebatch, Phillip M.	1968	Krbavac, Lucio P.	} equal
1967	Smith, Neil I., B.Sc.		Tucker, Stephen P.	

#### The Shell Prize for Mechanical Engineering.

(For Rules, *see* above under Second Year)

#### FIFTH YEAR (OLD COURSE)

#### The Albright and Wilson Prize in Chemical Engineering Design.

Whereas Albright and Wilson (Australia) Pty. Ltd. have agreed to provide the sum of \$63 a year for the purpose of providing a prize in Chemical Engineering Design, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering Design, of the value of \$63 and to be known as "The Albright and Wilson Prize in Chemical Engineering Design", shall be offered annually.

2. To be eligible for the prize, a student shall have completed the academic work for the degree of Bachelor of Engineering in Chemical Engineering.

3. The prize shall be awarded to the matriculated student in the course for the degree of Bachelor of Engineering who passes in Process Engineering IIID and who, in the opinion of the Head of the Department of Chemical Engineering, submits as part of his work in that subject the best design project.

4. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of exceptional quality.

#### Awards.

For previous awards, see Calendars from 1963.

1966	Fox, Allan D.	1968	Szto, Cheng Kooi	} equal
1967	Riegel-Huth, Ronald D.		Tan, Cheng Lam	

#### The Australian Institute of Steel Construction Senior Prize.

(For Rules, *see* above under Third Year)

### The Australian Welding Institute Prize.

Whereas the Australian Welding Institute has agreed to provide an annual prize in Civil Engineering, the following rules are hereby made:

1. The prize shall be called "The Australian Welding Institute Prize".
2. The prize shall be of the value of \$40.
3. The prize shall be awarded on the recommendation of the Professor of Civil Engineering to the matriculated student in the course for the degree of Bachelor of Engineering who passes in the subject Civil Engineering IIB (Old Course) and who submits as part of his work in that subject the best design of a Welded Steel Structure, provided that he is of sufficient merit.

#### Awards.

1965	Matthew, Peter W.	1967	Hayford, John R.
1966	Russell, Peter C.	1968	Budarick, Roger D.

### The British Tube Mills Prize in Engineering Management.

#### RULES

Whereas the Council has accepted the offer of British Tube Mills (Australia) Proprietary Limited to provide an annual prize of \$50 in Engineering Management, the following rules are hereby made:

1. The prize shall be called "The British Tube Mills Prize in Engineering Management".
2. The prize shall be awarded annually to the matriculated student in the course for the degree of Bachelor of Engineering in Mechanical Engineering who obtains the best result in the subject Engineering Management provided that in the opinion of the examiners he is of sufficient merit.

#### Award.

1968 Lim, Siong Guan

### The Cable Makers' Association Prize.

The Council having accepted the offer of the Cable Makers' Association to provide a prize of \$21 in the Electrical Engineering course of the Faculty of Engineering, the following rules have been made:

1. The prize shall be called "The Cable Makers' Association Prize."
2. The prize shall be awarded upon the recommendation of the Faculty of Engineering to a matriculated student in the final year of the Electrical Engineering course of that Faculty, provided that no award shall be made if no candidate is deemed of sufficient merit.

3. The prize shall be awarded to the student submitting the best final-year seminar paper in Electrical Engineering. In deciding the award the results of the current annual examination in Electrical Engineering may be taken into account. A candidate who fails to pass such examination shall not be eligible.

#### Awards.

For previous awards, see Calendars from 1952.

1965	Brewster, James W.	1967	Bartlett, John P., B.Sc.
1966	Ramsey, Douglas P.	1968	Clarke, Darrell O.

### The Electricity Trust of South Australia Prize.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust of South Australia Prize."

2. The prize shall be of the value of \$21.

3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who in the final year of the Electrical Engineering course of that Faculty shows the most leadership and ability in his year's work in the seminar classes and in the final seminar paper in Electrical Engineering III, provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards

For previous awards, see Calendars from 1954.

1966	Bereznai George T.	1968	Baghurst, Andrew H.	} equal
1967	Stanley, Ian H.		Davis, Barrie W.	

### The Electricity Trust Prize in Electrical Power Engineering.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize of \$100 in Electrical Power Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust Prize in Electrical Power Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in Electrical Power Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1959.

1965	Akhtar, Muhammad Y.	1967	Colebatch, Phillip M., B.Sc.
1966	Schapel, Jeffrey G.	1968	Downing, Andrew R.



### The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of \$100 in Civil Engineering, the following rules are hereby made:—

1. The prize shall be called "The Humes Prize in Civil Engineering."
2. The prize shall be awarded annually to the matriculated student in the final year of the Civil Engineering course who attains the highest standard in the annual examination of that year; provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1962.

1965	Lim Thuan Kee	1967	Ginos, Zisis
1966	Foley, Shane P.	1968	Laing, Ian E.

### The Rutter Jewell-Thomas Medal and Prize.

1. A medal, and a prize to the value of \$60, to be known as "The Rutter Jewell-Thomas Medal and Prize", shall be offered for competition annually.
2. The medal and prize shall be awarded to the student completing the final year of the undergraduate course in Chemical Engineering whose academic record, over the whole course, is judged best.
3. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award is made in any year, two awards may be made in a later year in which there are two candidates of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1957.

1963	Story, Michael J.	1966	No award
1964	Isaachsen, Oscar A.	1967	McCarthy, Michael A.
1965	No award	1968	Hia, Chek Phang

### The Lokan Prize.

The sum of \$200 having been paid to the University by the Adelaide University Engineering Society for the purpose of establishing a prize in memory of Robert Albert Lokan, formerly a student in the Department of Mining, it is hereby provided that:

1. A prize of the value of \$10 shall be awarded annually to the student who shall most distinguish himself in the annual examination in Process Engineering III A, provided that he is of sufficient merit.
2. The prize shall be awarded in books, for which a special book-plate will be provided.

## Awards.

For previous awards, see Calendars from 1949.

1965	No Award	1967	McCarthy, Michael A.
1966	Fox, Allan D.	1968	Lee, Cheong Seng

**The Philips Electrical Industries Prize in Electronics.**

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of \$100 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Electronics".

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in the annual written and practical examinations in Electronic Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

## Awards.

For previous awards, see Calendars from 1960.

1964	Flavel, Warren L. } equal	1967	Colebatch, Phillip M., B.Sc.
	Lee, Huat Chye } equal	1968	Downing, Andrew R. } equal
1965	Lees, Maxwell L.		McPharlin, Terry W. }
1966	Hawryszkiewicz, Peter		

**The John Storey Prize for Engineering Management.**

(For Rules, see under Master of Business Management, page 273)

**The Johns-Perry Prize in Mechanical Engineering.**

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of \$42 in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Johns-Perry Prize in Mechanical Engineering".

2. The prize shall be awarded annually to the matriculated student in the final year of the course for the Honours degree of Bachelor of Engineering in Mechanical Engineering who most distinguished himself at the final Honours Examination, provided that his record is of sufficient merit.

## Awards.

For previous awards, see Calendars from 1962.

1963	Brown, Garry L.	1966	Wilson, Richard E.
1964	Welford, John P.	1967	Heydrich, Hans
1965	H'ng, Hung Cheng	1968	Lim, Siong Guan

## HONOURS

**The Union Carbide Prize for Chemical Engineering.**(For Rules, *see* under Faculty of Science, page 313)

## POSTGRADUATE

**The Angas Engineering Scholarship.**

The Hon. J. H. Angas founded a scholarship of the value of \$400 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia".

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII.

The scholarship is normally offered in alternate years. Candidates must give notice upon a special form obtainable at the University office.

## Awards.

For previous awards, see Calendars from 1911.

1959	Kelly, Robert J., B.E.	1963	Fryer, Colin W., B.E.	} equal
1961	Cameron, Robert, A., B.E.		Rogers, Peter L., B.E.	
		1965	Storey, Michael, J., B.E.	

**FACULTY OF LAW.**

AVAILABLE FOR AWARD IN ANY YEAR

**The R. W. Bennett Prizes.**

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of \$24 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX.

## Awards.

For previous awards, see Calendars from 1945.

1965	Doyle, John J.	1967	Abbott, Anthony N.
	Haynes, Jennifer M.		Crawford, James R.
1966	Abbott, Anthony N.	1968	Abbott, Anthony N.
	Holmes, Penelope M.		Crawford, James R.

### The R. W. Bennett Medal and Scholar

Every winner of three R. W. Bennett Prizes is entitled to receive a bronze medal and the title of R. W. Bennett Scholar.

#### Awards.

1953	Wilson, Ian Bonython C.	1965	Doyle, John J.
1960	Finnis, John M.	1969	Abbott, Anthony N.

### The Bonython Prize.

This prize is awarded annually to the writer of the best original thesis or book on a subject approved by the Faculty of Law and the Council.

For conditions, see Statutes, Chapter LII.

#### Awards.

1929	Bleby, Thelma E. LL.B.	1956	O'Connell, Daniel Patrick, B.A., LL.M., Ph.D.
1933	Wynes, William A., LL.B.	1962	Howard, Colin, LL.M.
1937	Bray, John J., LL.D.		

### The Stow Prizes.

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of \$30 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV.

#### Awards.

For previous awards, see Calendars from 1904.

1966	Abbott, Anthony N.	1967	Abbott, Anthony N.
	Disney, Julian H. P.		Basten, John
	Dyki, Nick		Crawford, James R.
	Haynes, Jennifer M.		Dyki, Nick
	<i>Prox. acc.</i>		<i>Prox. acc.</i>
	Daw, Rowena C. } equal	1968	Disney, Julian H. P.
	Ligertwood, } equal		Abbott, Anthony N.
	Andrew L. C. } equal		Basten, John
			Crawford, James R.
			Fowler, Robert J.

### The Stow Scholarship.

Every Bachelor of Laws who during his undergraduate course obtains three Stow Prizes receives a gold medal and is styled Stow Scholar.

#### Awards.

For previous awards, see Calendars from 1918.

1962	Finnis, John M.	1967	Haynes, Jennifer M.
1965	Lindell, Geoffrey J.	1968	Dyki, Nick
1966	Doyle, John J.	1969	Abbott, Anthony N.

## FOURTH YEAR

**The Thomas Gepp Prize.**

Whereas the late Florence May Pontt has bequeathed to the University the sum of \$400 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize of the value of \$20, to be called "The Thomas Gepp Prize".
2. The Prize shall be awarded annually to the student placed first in the final examination in Private International Law in the course for the degree of Bachelor of Laws provided that in the opinion of the Faculty of Law there is a candidate of sufficient merit.
3. The Prize shall be awarded in money or in books as the successful candidate may desire.
4. If two or more candidates be placed equal in the final examination in Private International Law the work of each such candidate during the year shall be taken into consideration in awarding the Prize for that year.
5. The Prize shall not be awarded twice to the same person.
6. Subject to the terms of the bequest these rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

**Awards**

For previous awards, see Calendars from 1959.

1965	Browne, Jeffrey F.	1967	Dyki, Nick
1966	Taylor, John L.	1968	Abbott, Anthony N.

**The Justin Skipper Prize.**

Whereas Stanley Herbert and Kathleen Elizabeth Skipper have given the sum of \$300 for the purpose of founding a prize in memory of their son, Captain Justin Way Skipper, late 2/27th Battalion, A.I.F., sometime student of Law in this University, who was killed in action at Gona, New Guinea, on 29th November, 1942, it is hereby provided that:

1. There shall be a prize to be known as "The Justin Skipper Prize".
2. The prize shall be of the value of \$15 and shall be available for award annually to a student in the Faculty of Law or a graduate in Law.
3. The prize shall be awarded by the Council on the recommendation of the Faculty of Law.
4. The selection shall be made from those students who at the end of their courses have obtained First Class passes in at least two subjects of the course, Distinctions in Arts subjects being deemed to be First Class passes for the purpose of this Rule.

5. The prize shall be awarded to that one of such students who, in the opinion of the Faculty of Law, shall have taken the most active and effective part in the general activities of student life within the University during the whole of his undergraduate course.

6. In the case of substantial equality under Rule 5, preference shall be given to a student who has shown particular ability in his Arts subjects. If the candidates cannot then be separated the prize may be divided.

7. Any student who wishes to be considered for the Prize may make application for the prize within one month of the publication of the results of the annual examinations; any student under consideration for the prize may be required to give details of his general activities in student life within the University.

8. No award shall be made unless the Faculty is satisfied that there is a student worthy thereof.

9. The prize may not be awarded more than once to the same person.

10. If in any year a prize is not awarded, it may be awarded in a subsequent year as an additional prize should there be a second candidate of sufficient merit.

11. These rules may be varied by the Council from time to time, but the title of the prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1952.

1962	No award.	1965	Hackett-Jones, Geoffrey A.
1963	Detmold, Michael J.	1966	Beatty, James D. J.
1964	Lindell, Geoffrey J.	1967	Conway, Kenneth A.

#### The Roy Frisby Smith Prize.

Whereas Mrs. Margaret Casley Smith and her son John Royle Casley Smith have given to the University the sum of \$2,000 to establish in memory of the late Roy Frisby Smith a prize in Law and in particular in Company Law or in the event of such prize not being in any year awarded otherwise to further and encourage the study of Company Law in the University it is hereby provided that:

1. A prize, to be called "The Roy Frisby Smith Prize", shall be offered for award annually.

2. Until the Council otherwise decides the value of the prize shall be \$100.

3. The prize shall be awarded to the matriculated student in the Faculty of Law who in the annual examination in the subject Mercantile Law II or in such other subject as may from time to time in the opinion of the Faculty of Law require the most advanced knowledge of Company Law is awarded the highest marks, provided that no prize shall be awarded unless the said student shall have been awarded a Distinction in that subject.

4. Should in any year the prize be not awarded it shall be lawful for the Faculty of Law to authorise the expenditure of a sum being not greater than that offered for award as a prize in that year in any way or ways or for any purpose or purposes which will in the opinion of the Faculty best further and encourage the study and advancement of Company Law in the University.

5. These rules may be varied from time to time, but the general purposes of the gift shall not be thereby changed.

Awards.

1965	McDonell, Ian P.	1967	Dyki, Nick
1966	Haynes, Jennifer M.	1968	Abbott, Anthony N.

HONOURS

The Angas Parsons Prize.

This prize, bequeathed by the late Sir Herbert Angas Parsons, K.B.E., LL.B., is of the value of \$100 and is awarded annually to the most meritorious candidate qualifying for the Honours Degree of Bachelor of Laws in that year. For conditions, see Statutes, Chapter LXVII.

Awards.

For previous awards, see Calendars from 1963.

1966	Doyle, John J.	} equal	1968	Abbott, Anthony N.
	Haynes,			
	Jennifer M.			
	Ligertwood,			
	Andrew L. C.			
1967	Dyki, Nick			

FACULTY OF MEDICINE.

AVAILABLE FOR AWARD IN VARIOUS YEARS

The Australian College of General Practitioners Prize.

1. The prize\* shall be offered each year for competition among undergraduates in the Faculty of Medicine.

2. Entries for the prize shall consist of a case history and commentary, or a series of case histories with commentary, on a patient or patients seen by an undergraduate in general practice.

3. The prize shall be awarded by the Faculty of Medicine on the recommendation of a panel of examiners appointed for the purpose by the Faculty.

\* The present value of the prize is \$40.

4. Candidates wishing to enter for the prize must submit their entries to the Academic Registrar by 30th April each year.

Awards.

1963	Rosenfeldt, Franklin L.	1966	Thomson Napier M.	} equal
1964	Perriam, Donald J.		Wyndham,	
1965	Willoughby, Jane S.		Christopher R. C.	
		1967	Goldney, Robert D.	

**The National Heart Foundation Undergraduate Scholarships.**

The National Heart Foundation of Australia offers a number of scholarships to undergraduates in the Faculty of Medicine in accordance with the following conditions:

1. The scholarships shall be known as "National Heart Foundation Undergraduate Medical Research Scholarships".

2. The object of the scholarships shall be to encourage an interest by medical undergraduates in research related to cardiovascular diseases.

3. The scholarships shall be valued at \$400 per annum each, but if the scholar is in receipt of a Commonwealth Scholarship Living Allowance, the value shall be \$260 per annum.

4. The scholarships shall be tenable for one year and shall be awarded to medical undergraduates undertaking a course of study and research for the degree of Bachelor of Science (Medical) or Bachelor of Medical Science or a degree considered by the Foundation to be equivalent, in the cardiovascular or allied field.

5. The scholarships shall be awarded by the University and the name of each scholar, the value of his scholarship and dates of tenure conveyed to the Foundation.

6. Each scholar shall submit to the Foundation, through his supervisor or Head of Department, a brief report describing his work, at the termination of the scholarship.

A student contemplating proceeding to the degree of B.Med.Sc. in the University of Adelaide should consult the Head of the Department in which he wishes so to proceed about the possibility of his being recommended for one of these scholarships.

*FIRST YEAR*

**The Sir Hugh Cairns Memorial Prize.**

Whereas the sum of \$2,100 has been paid to the University by the Committee of the Sir Hugh Cairns Memorial Association for the purpose of founding a prize to perpetuate the memory of Sir Hugh Cairns, a former student of the Adelaide High School, it is hereby provided that:



1. A prize to be called "The Sir Hugh Cairns Memorial Prize" shall be awarded annually to a student of the Adelaide Boys High School, who is proceeding to the University to study in the medical course, and who has been nominated by the Principal of the Adelaide Boys High School.

2. The nominee must have satisfied the requirements of the University for entrance upon the medical course, and shall, as soon as possible after the award, enter the University, and begin study in that course.

3. If for any reason the nominee shall fail to begin his course as laid down in paragraph 2 the prize may, at the discretion of the Council, be awarded to another candidate if nominated by the Principal of the Adelaide Boys High School.

4. The value of the prize shall be \$90, or such other sum as the Council may from time to time determine, payable in three equal instalments, one each on the scholar's enrolling for the first, second, and third year's work of the medical course.

5. These rules may be varied from time to time by the Council, but the title and the purpose of the prize shall not be changed.

#### Awards.

For previous awards, see Calendars from 1955.

1964	Schrader, John W.	1966	Ayres, Bronte F.
1965	Telfer, Peter J.	1967	Duffield, David V.

#### The Elder Prize.

This prize was established by Sir Thomas Elder in 1882, and since his death in 1897 has been continued by the Council. It is of the value of \$20, and is awarded to the student in the first year of the Medical Course who is placed first in the list of candidates who pass with distinction.

#### Awards.

For previous awards, see Calendars from 1898.

1964	Heddle, Robert J.	1967	Padbury, Peter W.	} equal
1965	Wilson, Adrian F.		Robertson, James G.	
1966	Jaensch, Judith	1968	Rose, Terence J.	} equal
	Lee, Choon Huat		Chong, Tien Choy	
			Middleton, Jonathan R.	

#### THIRD YEAR

#### The Christopher and John Campbell Prize in Biochemistry.

Whereas the late A. J. N. P. Campbell has bequeathed to the University the sum of \$1,000 for the purpose of founding a scholarship in Biochemistry in the medical course, the following rules are hereby made:

1. The Prize shall be called "The Christopher and John Campbell Prize for Biochemistry."

2. It shall be of the value of \$50, or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the First Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Biochemistry and who in the opinion of the Professor of Biochemistry is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1953.

1965	Woodroffe, Andrew J.	1967	Overton, John
1966	Penfold, Brian A.	} equal	1968 Heddle, William F.
	Waltham, Robert D.		

#### The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given to the University the sum of \$1,200 for the purpose of founding two scholarships in the medical course to be named after the late Dr. Davies-Thomas, the following rules are hereby made:

1. The scholarships shall be called "The Dr. Davies-Thomas Scholarships".

2. The value of each scholarship shall be \$30.

3. The scholarships shall be awarded to the student in each of the First Professional and Second Professional Examinations of the medical course who is placed first in the list of candidates who pass with distinction.

#### Awards.

For previous awards, see Calendars from 1911.

1965	First Professional Examination: Woodroffe, Andrew J.	1966	First Professional Examination: Schrader, John W.
	Second Professional Examination: Craig, Ian H.		Second Professional Examination: Phillips, Patrick J.
1967	First Professional Examination: Overton, John	1968	First Professional Examination: Lee, Choon Huat
	Second Professional Examination: Heddle, Robert J.		Second Professional Examination: Roberts-Thomson, Peter J.

### The Wood Jones Scalpel.

#### RULES

Whereas the sum of \$200 has been given to the University for the purpose of establishing a prize in memory of the late Professor Frederick Wood Jones, Elder Professor of Anatomy in the University from 1920 to 1926, the following rules are hereby made:

1. The prize shall be known as "The Wood Jones Scalpel".
2. It shall consist of a scalpel, suitably inscribed.
3. It shall be awarded annually to the student who has passed the First Professional Examination at credit level or higher and who, in the opinion of the Elder Professor of Anatomy, has shown the most proficiency in practical gross anatomy and in the *vica voce* examination in Anatomy held in the First Professional Examination, provided that his proficiency in Anatomy is of a sufficiently high standard.

#### Award

1968 Lee, Choon Huat

### The Herbert John Wilkinson Memorial Prize.

Whereas the late Professor H. J. Wilkinson, Professor of Anatomy in the University of Adelaide from 1930 to 1936, has bequeathed a sum of money to the University for the purpose of establishing a Prize in Anatomy, the following rules are hereby made:

1. The Prize shall be called "The Herbert John Wilkinson Memorial Prize".
2. The value of the Prize shall be \$200.
3. The Prize shall be awarded to the undergraduate who is placed first in the examination in Anatomy as part of the First Professional Examination of the medical course, provided that no award shall be made if no candidates is deemed of sufficient merit.

#### Awards.

1965	Campion, Elza C.	1967	Laws, Donald F.,	} equal
1966	Heddle, Robert J.		Staples, Elizabeth J.	
	Penfold, Brian A.		Toogood, Ian R. G.	
	Walker, Robert I.	1968	Lee, Choon Huat	

#### FOURTH YEAR

### The J. B. Cleland Prize in Pathology.

Whereas the sum of \$260 has been given to the University for the purpose of establishing a prize in commemoration of John Burton Cleland, M.D., George Richard Marks Professor of Pathology in the University from 1920 to 1948, the following rules are hereby made:

1. The prize shall be known as "The J. B. Cleland Prize for Pathology".
2. It shall consist of a bronze medal and the sum of \$10.

3. It shall be awarded annually to the undergraduate who, at the Second Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, is placed first in Pathology, and who in the opinion of the Marks Professor of Pathology is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1953.

1965	Craig, Ian H.	1967	Schrader, John W.
1966	Coleman, Mark	1968	Roberts-Thomson, Peter J.

#### The Dr. Davies-Thomas Scholarship.

(For Rules, *see* above under Third Year)

#### The Roche Products Prizes in Pharmacology.

During the years 1931 to 1938, prizes in Pharmacology were provided by the Hoffmann-La Roche Company Limited, of Basle, Switzerland.

In 1953 the Council accepted the offer of Roche Products Limited, of Welwyn Garden City, Hertfordshire, England, to provide the following prizes to encourage the study of Pharmacology:

A Junior Roche Products prize of \$20 is awarded annually to the student who obtains the highest number of marks at a special examination in Pharmacology to be held by the Professor of Pharmacology in November.

A Senior Roche Products prize of \$50 is awarded to a student undertaking Pharmacological research of sufficient merit in the opinion of the Professor of Pharmacology.

Provided that if in any year there be no senior candidate and there be in that year two junior candidates of equal merit, a second junior prize of \$20 may be awarded.

#### Awards.

For previous awards, see Calendars from 1937.

Junior Prizes:		Senior Prizes:	
1965	Craig, Ian H.	1960	Charnock, John S., B.Sc.
1966	Phillips, Patrick J.		Cheah, Dóilly, B.Sc.
1967	Heddle, Robert J.		Porter, Reginald B., M.Sc.
1968	Gjerde, Egil M.	1961	Porter, Reginald B., M.Sc.
	Roberts-Thomson, Peter J.		

} equal

#### The Smith Kline and French Prize in Microbiology.

Whereas the Smith Kline and French Laboratories (Australia) Limited have undertaken to provide an annual prize in Microbiology in the medical course of the University, the following rules are hereby made:

1. The prize shall be called "The Smith Kline and French Prize in Microbiology".

2. Its value shall be \$100.

3. The prize shall be awarded to the candidate who is placed first in the annual examination in Microbiology in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1965	Craig, Ian H.	1967	Heddle, Robert J.
1966	Phillips, Patrick J.	1968	Chatterton, Barry E.

FIFTH YEAR

**The Carnation Company Award in Paediatrics.**

The Council having accepted the offer of the Carnation Company Pty. Ltd. to provide an annual prize of \$42 in paediatrics in the medical course, the following rules are hereby made:

1. The prize shall be called "The Carnation Company Award in Paediatrics."

2. The prize shall be awarded annually to the student who, in passing Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, achieves the highest marks in that section of the examination which relates to the Surgical Diseases of Children, provided that such marks are at least equal to the minimum marks required for a Pass with Distinction in the whole of Part I of the Final Professional Examination.

Awards.

1965	Roberts-Thomson, Mary E.	1967	Phillips, Patrick J.
1966	Craig, Ian H.	1968	Howard, Diane M.

**The Ruth Heighway Memorial Prize.**

The sum of \$1,400 having been subscribed by the friends and colleagues of the late Frieda Ruth Heighway, M.D., F.R.C.O.G., for the purpose of endowing a prize in Obstetrics to perpetuate her memory, and the Council having accepted the said sum for the purpose, the following rules are hereby made:

1. The prize shall be known as "The Ruth Heighway Memorial Prize."

2. The prize shall be awarded annually to the student who, in passing Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, achieves the highest marks in that section of the examination which relates to Obstetrics, provided that such marks are at least equal to the minimum marks required for a Pass with Distinction in the whole of Part I of the Final Professional Examination.

3. Until the Council decides otherwise the value of the prize shall be \$70.

4. These rules may be varied from time to time, but the title of the prize and general purpose of the endowment shall not be changed.

Awards.

1964	Perriam, Donald J.	} equal	1966	Craig, Ian H.	} equal
1965	Hersey, Peter		1967	Phillips, Patrick J.	
	Sangster, John F.			Woodroffe, Andrew J.	
	<i>New Curriculum</i>				
1965	Roberts-Thomson, Mary E.		1968	Penfold, Brian A.	

**The Mead Johnson Paediatric Prize.**

The Council having accepted the offer of Mead Johnson Pty. Ltd., to provide an annual prize of \$52.50 in paediatrics in the medical course, the following rules are hereby made:

1. The prize shall be called "The Mead Johnson Paediatric Prize."

2. The prize shall be awarded annually to the student who, in passing Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, achieves the highest marks in that section of the examination which relates to the Medical Diseases of Children, provided that such marks are at least equal to the minimum marks required for a Pass with Distinction in the whole of Part I of the Final Professional Examination.

Awards.

1965	Landers, John A.G.	1967	Phillips, Patrick J.
1966	Davidson, Geoffrey P.	1968	Howard, Diane M.

**The Pfizer Prize in Gynaecology.**

The Council having accepted the offer of Messrs. Charles Pfizer to provide an annual prize of \$50 in Gynaecology in the medical course, the following rules are hereby made:

1. The prize shall be called "The Pfizer Prize in Gynaecology."

2. The prize shall be awarded annually to the student who, in passing Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, achieves the highest marks in that section of the examination which relates to Gynaecology, provided that such marks are at least equal to the minimum marks required for a Pass with Distinction in the whole of Part I of the Final Professional Examination.

Awards.

For previous awards, see Calendars from 1958.

1963	Kirwan, Colleen J, B.Sc.	<i>New Curriculum</i>	
1964	Mykyta, Ludomyr J. } equal	1965	Roberts-Thomson, Mary E.
	Paull, Andrew	1966	Davy, Margaret L. J.
1965	Odgers, Robert J.	1967	Vedig, Alnis E.
		1968	Howard, Diane M.

### The Keith Sheridan Prize.

Enabled to do so by a bequest from the joint estate of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan, the Council has established a prize in the Medical School and made the following rules relating to it:

1. The Prize shall be called "The Keith Sheridan Prize".
2. Until the Council decides otherwise, the value of the Prize shall be \$80.
3. The Prize shall be awarded annually to the candidate who is placed first amongst the candidates who Pass with Distinction in Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

#### Awards.

- |      |                      |      |                  |
|------|----------------------|------|------------------|
| 1966 | Craig, Ian H.        | 1968 | Howard, Diane M. |
| 1967 | Phillips, Patrick J. |      |                  |

### SIXTH YEAR

#### A.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the Australian Medical Association (S.A. Branch) to provide an annual prize for proficiency in clinical medicine. The prize consists of medical works of the value of \$21 to be selected by the successful candidate and is available for award annually to the candidate placed first in the Interim Examination in Clinical Medicine held during the sixth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the Prize shall be made in that year. It is not awarded twice to the same person. The examiners are appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months' clerkship.

#### Awards.

- |   |                    |      |                          |
|---|--------------------|------|--------------------------|
| For previous awards, see Calendars from 1937. |                    |      |                          |
| 1963  | Morris, Lloyd L.   | 1966 | Gill, P. Grantley        |
| 1964  | Luke, Colin G.     |      | Roberts-Thomson, } equal |
| 1965  | Henderson, } equal |      | Mary E. }                |
|   | Douglas W. }       | 1967 | Tomich, John             |
|   | Hersey, Peter }    |      |                          |

#### The Thomas L. Borthwick Memorial Prize.

Whereas the late Frank Sandland Hone, C.M.G., has bequeathed to the University the sum of \$200 for the purpose of founding an annual prize in Public Health and Preventive Medicine in the medical course, the following rules are hereby made:

1. The Prize shall be called "The Thomas L. Borthwick Memorial Prize in Public Health and Preventive Medicine".

2. It shall be of the value of \$10 and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Public Health and Preventive Medicine and who in the opinion of the examiners is of sufficient merit.

#### Awards

For previous awards, see Calendars from 1953.

1962	Turnbull, John W.	1967	Craig, Ian H.
1963	Munro, David R.	1968	Woodroffe, Andrew J.
1964	Hersey, Peter Disney, Alexander P. S.	} equal	

#### The Sir Trent Champion deCrespigny Memorial Prize.

The Council has accepted the offer of the Australian Medical Association (S.A. Branch) to provide an annual prize with a view to perpetuating the name of the late Sir Trent Champion deCrespigny and his association with the medical school.

1. The prize shall be known as "The Sir Trent Champion deCrespigny Memorial Prize".

2. The prize shall be awarded annually to the student who, at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November, gains the highest marks in the clinical section of the subject Medicine; provided that an award shall not be made unless the candidate concerned has also passed the whole of the final examination and is regarded by the Board of Examiners as being of sufficient merit.

3. The value of the prize shall be \$21 and shall be paid in the form of an authority given by the Australian Medical Association (S.A. Branch) for the purchase to that value of medical books and/or equipment to be selected by the candidate.

#### Awards.

For previous awards, see Calendars from 1965.

1965	Hersey, Peter	1967	Walker, Gael E.
1966	Gill, P. Grantley	1968	Woodroffe, Andrew J.

#### The Ethnor Prize.

Whereas Ethnor Pty. Limited have undertaken to provide an annual prize in the medical course, initially for a period of five years, the following rules are hereby made:

1. The Prize shall be called "The Ethnor Prize".
2. The value of the Prize shall be \$200.





### The William Gardner Scholarship and Prize.

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of \$90 and is awarded annually for merit in surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

The prize, of the value of the total annual income from the capital sum less \$90 is awarded annually for merit in Surgery and other subjects at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter LXIII.

#### Awards.

For previous awards, see Calendars from 1944.

Scholarship:	Prize:
1965 Hersey, Peter	1965 Hersey, Peter
1966 Roberts-Thomson, Mary E.	1966 Roberts-Thomson, Mary E.
1967 Willoughby, John O.	1967 Craig, Ian H.
1968 Woodroffe, Andrew J.	1968 Woodroffe, Andrew J.

### The Dr. Charles Gosse Medal.

This medal was established in 1916 in memory of the late Dr. Charles Gosse, and is awarded each year for merit in Ophthalmology.

For conditions, see Statutes, Chapter XL.

#### Awards.

For previous awards, see Calendars from 1923.

1965 Rasch, Marjorie	1967 Stepanas, Antanas V., B.Med.Sc.
1966 Roberts-Thomson, Mary E.	1968 Campion, Elza C.

### Frank S. Hone Memorial Prize.

The Australian Medical Association (S.A. Branch) having undertaken to provide an annual prize of the value of \$31.50 in memory of the late Dr. Frank S. Hone, the following rules have been made:

1. The prize shall be known as "The Frank S. Hone Memorial Prize".

2. The prize shall be paid direct to the prizewinners by the Association on notification by the University of the award.

3. The prize shall be awarded annually to the student who, at Part II of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November, gains the highest place in the subject Medicine; provided that an award shall not be made unless the candidate concerned has also passed the whole of the Final Professional Examination and is regarded by the Board of Examiners as being of sufficient merit.

## Awards.

For previous awards, see Calendars from 1953.

1965	Hersey, Peter	1967	Walker, Gael E.
1966	Gill, P. Grantley	1968	Woodroffe, Andrew J.

## The Lister Prize.

Whereas the sum of \$200 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, the following rules are hereby made:

1. The prize shall be called "The Lister Prize".
2. It shall consist of a bronze medal and the sum of \$7.
3. The prize shall be awarded annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the sixth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the prize shall be made in that year.
4. The prize shall not be awarded twice to the same person.
5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months as surgical dressers.

## Awards.

For previous awards, see Calendars from 1939.

1961	King, Tania L.	1965	No award
1962	Morris, Lloyd L.	1966	Gill, P. Grantley
1963	Roman, Desmond, B.Med.Sc.	1967	Lewis, Graham N.
1964	Hersey, Peter	1968	Woodroffe, Andrew J.

## The Eugene Abraham Matison Prize.

Whereas the sum of \$1,000 has been given to the University by Mrs. E. A. Matison for the purpose of establishing a prize in memory of her husband, the following rules are hereby made:

1. The prize shall be called "The Eugene Abraham Matison Prize".
2. The prize shall be awarded to the student who, at the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.
  - (a) obtains the highest marks in that section of the examination in Surgery which relates to Diseases of the Ear, Nose and Throat, provided that the marks obtained are at least equal to the minimum standard required for a pass with distinction in the whole examination;
  - (b) passes at credit standard or better in both parts of the Final Professional Examination.

3. Until the Council decides otherwise, the value of the prize shall be \$50.

4. These rules may be varied from time to time, but the title of the prize and the general purpose of the endowment shall not be changed.

Awards.

1966 Thomson, Napier M.            1968 Coleman, Mark  
1967 Sanders, Peter D.

**The Mental Health Association Prize.**

The Council having accepted the offer of the South Australian Association for Mental Health Inc., to provide an annual prize of \$50 in Psychiatry in the medical course, the following rules are hereby made:

1. The prize shall be called "The Mental Health Association Prize".

2. The prize shall be awarded to the student who, at Part II of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November—

- (a) is placed first amongst those candidates who obtain, in that section of the examination in Medicine that relates to Psychiatry, marks at least equal to the minimum standard required for a Pass with Distinction in the whole of the Final Professional Examination; and
- (b) passes at the same time in the whole of the Final Professional Examination.

Awards.

1965 Morphett, Arthur D.            1967 McCulloch, Glenn A. J.  
1966 Grove, David I.                1968 Phillips, Patrick J.

**The Shorney Medal.**

This medal, established in 1942 in memory of the late Dr. Herbert Frank Shorney, is awarded each year for merit in Diseases of the Ear, Nose and Throat.

For conditions, see Statutes, Chapter LXIV.

Awards.

For previous awards, see Calendars from 1946.

1965 Thomas, David W.                1967 Sanders, Peter D.  
1966 Thomson, Napier M.            1968 Oats, Jeremy J. N.

### The Archibald Watson Prize.

Whereas the sum of \$340 has been paid to the University by the former pupils of Archibald Watson, Emeritus Professor of Anatomy, for the purpose of founding a prize in his honour, the following rules are hereby made:

1. The prize shall be called "The Archibald Watson Prize".
2. The prize shall consist of a printed reproduction of the portrait of Archibald Watson and the sum of \$16.
3. The prize shall be awarded annually to the student who, at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, shows the greatest merit in Surgical Anatomy; provided that an award shall not be made unless the candidate concerned has also passed the whole of the final examination and is regarded by the Board of Examiners as being of sufficient merit.
4. The prize shall not be awarded to the same person twice.
5. These rules may be varied from time to time, but the title and general purpose of the endowment shall not be altered.

#### Awards.

For previous awards, see Calendars from 1942.

1965	Court, Jennifer J.	1967	Lewis, Graham N.
1966	Gill, P. Grantley	1968	Coleman, Mark

#### POSTGRADUATE

### The John Barker Scholarship

Whereas the late Eleanor Kate Barker has bequeathed to the University the sum of \$6,000 to found a scholarship for Medical Research to be named The John Barker Scholarship, the following rules are hereby made:

1. There shall be a scholarship for Medical Research to be known as "The John Barker Scholarship".
2. The value of the scholarship shall be \$300 a year until otherwise determined by the University Council.
3. The scholarship shall be available for award annually to a graduate. Tenure of the scholarship will therefore be on an annual basis; but tenure may be extended, by re-award, for a second or third year. The scholarship shall not be held by the same scholar for more than three years.
4. The scholarship shall be awarded by the Council on the recommendation of the Medical Research Committee, which shall submit to the Council such recommendation as it sees fit for the award of the scholarship for each year: but no award of the scholarship shall be made for any year unless, in the opinion of the Medical Research Committee, there is a candidate who is worthy of the award. Formal applications for the scholarship are not sought.

5. These rules may be varied from time to time by the Council, but the title and general purpose of the scholarship shall not be changed.

#### Awards.

1962	Aldor, Thomas A. M., M.B., B.S.	1964	Murrell, Timothy G. C., M.B., B.S.
1963	Hoffmann, Mervyn J., M.B., B.S.	1965	Buttfield, Ian H., M.B., B.S.
		1966	Buttfield, Ian H., M.B., B.S.
		1969	Rudzki, Zbigniew, B.Sc.

### Faulding Scholarships in Experimental Pharmacology and Therapeutics.

The Council has accepted the offer of F. H. Faulding and Co., Ltd., of Adelaide, to provide the following scholarships in experimental pharmacology and experimental therapeutics:

- (1) A junior Faulding Scholarship of the value of \$100 for one year to enable the holder of a pass B.Sc. degree to proceed to the Honours degree of Bachelor of Science in these subjects.
- (2) In the event of there being no allocation of the junior scholarship for one or more years, but not more than three years, the accumulated sums or portion thereof may be made available as a Senior Faulding Scholarship to a suitably qualified graduate in Medicine or an honours graduate in Science for the purpose of supporting one year's research work in experimental pharmacology and/or therapeutics.

Application for either scholarship should be made by 1st November to the Registrar, from whom particulars may be obtained.

#### Awards.

For previous awards, see Calendars from 1962.

- For 1942 Junior Prize: Condon, Robert Francis, B.Sc.  
 For 1946 Junior Prize: Neale, Shirley Margaret, B.Sc.  
 For 1949 Junior Prize: Johnson, Keith Douglas, B.Sc.  
 For 1961 Senior Scholarship: McNally, John N., B.Sc.

### Medical Research Committee Grants.

The Medical Research Committee will consider applications from persons wishing to undertake medical investigations. Within the limit of its resources, the Committee will provide salaries for suitably qualified graduates able to devote their full time to original work undertaken within or under the aegis of a University Department. It will be glad also to examine the possibility of assisting with the provision of such facilities, other than salaries, as are necessary to enable qualified persons to undertake medical research.

Applications should contain full details of the work proposed and of the estimated cost, and should be made in writing to the Registrar; but candidates are advised first to consult the Professor or Head of the Department within which their research project is likely to fall.

A report giving full details of the results obtained will be required on completion of an investigation, and interim reports must be submitted if asked for. Every report must include a statement that the work has been carried out with assistance provided by the Medical Research Committee of the University of Adelaide.

### The Roche Products Prizes in Pharmacology.

(For Rules, *see* above under Fourth Year)

### The Shorney Prize.

This prize, of the value of \$400, is awarded for original work in Ophthalmology by a graduate of an Australian university.

For conditions, see Statutes, Chapter LXIV.

#### Awards.

- 1954 Fleming, W. E., M.B., B.S., D.L.O. (Melb.).  
1958 Christensen, F. G., D.D.Sc. (Q'ld.), F.D.S. (R.C.S.).  
1961 Cameron, Malcolm E., M.B., B.S., (Q'ld.), D.O. (Lond.), and  
Wilson, Brian G., M.B., B.S. (Q'ld.), D.O. (Syd.).  
1965 Lowe, Ronald F., M.B., B.S., D.O. (Melb.), F.R.A.C.S.,  
D.O.M.S. (Lond.), F.R.C.S. (Eng.).  
1966 Pyman, Clive, F.R.A.C.S., D.L.O. (Melb.).

### The Bertha Sudholz Prize.

Whereas the late Bertha Helga Sudholz has bequeathed to the University the sum of \$4,000 to found a prize or scholarship, the following rules are hereby made:

1. A Prize to be known as "The Bertha Sudholz Prize" shall be offered for an original contribution to knowledge in Diseases of the Ear, Nose and Throat.

2. The value of the Prize shall be \$600 unless otherwise determined by the Council.

3. The Prize shall be available for award to a graduate every three years, or more frequently if the income of the fund allows. The prize shall not be awarded twice to the same candidate.

4. The Prize shall be awarded by the Council on the recommendation of the Faculty of Medicine, but no award of the prize shall be made unless, in the opinion of the Faculty, there is a candidate who is worthy of the award.

5. These rules may be varied from time to time by the Council, but the title and general purpose of the prize shall not be changed.

#### Award.

- 1967 Pyman, Clive, F.R.A.C.S., D.L.O. (Melb.)

### The Reginald Walker Bequest.

Enabled to do so by the Reginald Walker Bequest (which exceeds \$60,000 in value) and in accordance with the wishes of the testator as conveyed to the University by the executors of his Will, the Council has established a Research Fellowship and has made the following rules relating to it:

1. The Fellowship shall be known as "The Reginald Walker Fellowship"; and until the Council shall decide otherwise the annual value of the Fellowship shall be \$3,200.

2. The purpose of the Fellowship is to promote research in medicine (in the broad sense) or in a science closely allied to medicine. Accordingly, the Fellowship may be held in any department in the Faculty of Medicine or for a project in any science that the Council, on the advice of the Medical Research Committee, approves as closely allied to medicine.

3. A candidate for the Fellowship shall hold one of the following qualifications:

- (a) the degrees of M.B. and B.S. and at least one year's post-graduate experience;
- (b) the degrees of B.Med.Sc. and M.B. and B.S. and at least one year's experience after graduating in medicine and surgery;

4. The Fellow shall give his full working time to his research project under the Fellowship and shall not engage in any other work which in the opinion of the Council is inconsistent with the purpose of the Fellowship.

5. Subject to the approval of the Council in each case a Fellow may retain without adjustment to the value of his Fellowship any small supplementary grant or living allowance that he may obtain; but no other major scholarship, or any salary or other substantial emolument, may be held concurrently with a Reginald Walker Fellowship. The decision of the Council as to what constitutes a major scholarship, salary or substantial emolument shall be final.

6. Tenure of the Fellowship shall be subject to annual renewal, shall not exceed three years by the same Fellow, and may be terminated at any time by the Council if the Council is not satisfied with the Fellow's diligence and progress in his research or for other reason deemed adequate by the Council.

7. The Fellowship shall be awarded, and any extension of tenure granted, on the recommendation of the Medical Research Committee.

8. The Council shall have absolute discretion in the investment of the fund constituting the bequest; and any surplus or accumulated income from the fund after the emoluments of the Fellows have been paid may be added to the capital fund of the Bequest or used to advance the purpose of the Bequest in such other manner as the Council may from time to time decide.

#### Award.

1963	Hoffmann, Mervyn J., M.B., B.S.	1965	Buttfield, Ian H., M.B., B.S.
		1966	Buttfield, Ian H., M.B., B.S.



**T. G. Wilson Travelling Scholarship in Obstetrics.**

\*In 1938 the sum of \$4,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of \$400.

For conditions, see Statutes, Chapter LVIII.

## Awards.

1949	G. W. E. Aitken, M.B., B.S.	1961	E. M. Symonds, M.B., B.S.
	M. W. Elliott, M.B., B.S.	1966	G. J. Andersen, M.B., B.S.
1951	R. M. Beard, M.B., B.S.		J. A. O'Loughlin, M.B., B.S.
1955	D. R. Lowe, M.B., B.S.	1967	J. T. Martin, M.B., B.S.

\* In 1955 the capital sum was increased to \$5,000 and the value of the scholarship raised to \$500.

**FACULTY OF SCIENCE.***AVAILABLE FOR AWARD IN VARIOUS YEARS***The Ena Orrock Lewcock Award.**

Whereas the University has accepted a gift of \$1,000 from the estate of Mrs. Ena Orrock Lewcock, who was a student at the University from 1924-26, to establish an award to assist a deserving student in Botany, the following rules are hereby made:

1. The award shall be called "The Ena Orrock Lewcock Award" and shall be available annually.

2. The award shall be of the value of \$50, and shall be applied towards the purchase of books or equipment approved by the Head of the Department of Botany.

3. The award shall be made on the recommendation of the Head of the Department of Botany to a student who:

- (a) Passes with credit or distinction in an annual examination within the Department of Botany;
- (b) proceeds to further studies in Botany;
- (c) satisfies the Head of the Department and the Academic Registrar that he is in need of financial support in addition to his existing resources.

4. If in any year an award is not made, an additional award may be made in a subsequent year.

5. The rules may be varied from time to time by the Council, but the title and purpose of the award shall not be changed.

### The Philips Prizes in Physics.

The Council having accepted the offer of Philips Electrical Industries Pty. Ltd. to provide four annual prizes in Physics, the following rules are hereby made:

1. The prizes shall be known as "The Philips Prizes".
2. Prizes shall be available for award annually as follows:
  - (a) A prize of \$100 for the matriculated student who is placed first in the annual examination in Physics I.
  - (b) A prize of \$100 for the matriculated student who is placed first in the annual examination in Physics II.
  - (c) A prize of \$100 for the matriculated student who is placed first in the annual examination in Physics III H.
  - (d) A prize of \$200 for the matriculated or graduate student placed first in the final examination for the Honours degree of Bachelor of Science in Physics.
3. No award of a prize shall be made if the examiners be of the opinion that there is no candidate worthy of the award.

#### Awards.

For previous awards, see Calendars from 1964.

1966—

Physics I: Cooper, Dale F.	}	equal
Nagorcka, Barry N.		
Physics II: Wray, Stephen D.	}	equal
Physics III H: Gardner, James L. Urch, Ian H.		
Physics IV: Lewis, Brenton R.		

1967—

Physics I: Burrow, John L.	}	equal
Dudko, Alexander		
Padbury, Peter W.		
Posaner, Franz M.		
Robertson, James G. Williams, Emlyn R.		
Physics II: O'Brien, Denis M.	}	equal
Physics III H: Frederiksen, Jorgen S. Read, Jeffrey M.		
Physics IV: Urch, Ian H., B.Sc.		

1968—

Physics I. Raupach, Michael R.		
Physics II: Kamprod, Janis L.		
Physics IIIH: Durdin, John M.	}	equal.
Nagorcka, Barry N.		
O'Brien, Denis M.		
Physics IV: Parham, Richard T. B.Sc.		

## FIRST YEAR

**The John Bagot Scholarship and Medal.**

Whereas the University has received from Mrs. John Bagot the sum of \$1,000 for the purpose of founding, in memory of her late husband, a scholarship and medal for Botany: It is hereby provided as follows:

**The Scholarship**

1. A scholarship, to be called "The John Bagot Scholarship", shall be available for award annually.
2. The scholarship shall be awarded to the student placed highest in order of merit amongst the candidates who (i) pass with distinction in the annual examination in Botany I and (ii) intend to proceed to the course in Botany II.
3. If the successful candidate under Clause 2 should decline the award or should not proceed with the course in Botany II in the following academic year the award shall lapse and the scholarship may then be awarded to the next candidate in order of merit who complies with the provisions of Clause 2.
4. The value of the scholarship shall be \$45 until otherwise determined by the Council and shall be applied towards payment of the fee for the course in Botany II or for the purchase of books or instruments as the scholar may propose and the Head of the Department of Botany approve.

**The Medal**

5. A medal, to be called "The John Bagot Medal", shall also be available for award annually for original work in Botany.
6. Provided that in the opinion of the Head of the Department of Botany the thesis or report of an investigation contains sufficiently original and meritorious work, the medal shall be awarded to the author of the best thesis or report submitted in the year concerned as part of the final year's work for the Honours degree of Bachelor of Science in the School of Botany.
7. A candidate to whom the medal has been awarded shall deposit either the original or an approved copy of his thesis or report in the University library before he receives the medal.
8. These rules may be varied from time to time, but the title and purpose of the scholarship and medal shall not be changed.

**Awards.**

For previous awards of Scholarship and Medal, see Calendars from 1914.

**Scholarships.**

1964	Keane, Philip J.	} equal	1966	Dry, Peter R.
	Tan Beng Huat		1967	Fricke, Anne E.
1965	Purdie, Rosemary W.		1968	Phillips, Peter M.

**Medal.**

1940	Mercer, Frank Verdun	1967	Rungie, John M., B.Sc.
1964	Nunn, Christine E.	1968	No Award.

## SECOND YEAR

## The Elsie Marion Cornish Prize.

Whereas the Reverend Raymond Baron Cornish has given to the University the sum of \$500 for the purpose of establishing an annual prize in memory of the late Elsie Marion Cornish, who for many years tended the gardens in the University grounds, it is hereby provided as follows:

A prize of the value of \$14.70 to be known as The Elsie Marion Cornish Prize, shall be awarded annually to the student placed first in the list of candidates who pass with distinction in the annual examinations in Botany II as prescribed for the Ordinary degree of Bachelor of Science.

## Awards.

For previous awards, see Calendars from 1954.

1965	No award.	1967	Hewton, Martin P.
1966	Purdie, Rosemary W.	1968	Noble, Ian R.

## THIRD YEAR

## The Ernest Ayers Scholarship in Botany.

The late Ellen Milne Bunday, Mus.Bac., having bequeathed the sum of \$2,472 to the University for the purpose of founding a scholarship or scholarships for the encouragement of original research in Botany or Forestry, such scholarship or scholarships to be called the Ernest Ayers Scholarship or Scholarships, and that sum having been increased to \$4,000 in 1966 by capitalisation of \$1,528 accumulated income, the following rules are hereby made:

1. A scholarship, to be called "The Ernest Ayers Scholarship", shall be offered for competition each year.
2. Until the Council decides otherwise, the value of the scholarship shall be \$200.
3. (a) The scholarship shall be awarded to a candidate of sufficient merit who, having qualified for the Ordinary degree of Bachelor of Science and included Botany III in his course for that degree, proposes to proceed to the Honours degree of Bachelor of Science in Botany.
- (b) In recommending an award the Head of the Department of Botany shall take into consideration the whole academic record of eligible candidates and attach special weight to evidence of capacity for original thought and investigation.
- (c) If a scholar fail to enrol for the Honours degree in the next ensuing academic year his award shall lapse and the scholarship may be awarded to another candidate of sufficient merit who has so enrolled.

4. If no scholarship be awarded in any year an additional scholarship may be awarded in a subsequent year when there is a second candidate of sufficient merit.

5. Payment of the value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term during the Honours year, payment of the second and third instalments being subject to receipt by the Academic Registrar of a certificate from the Head of the Department of Botany that the scholar's work and progress during the preceding term have been satisfactory.

6. These rules may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

#### Awards.

For previous awards, see Calendars from 1930.

1962	Millard, Diane L.	1966	Rungie, John M.
1963	Gordon, Elizabeth M.	1967-8	No award

#### The James Barrans Scholarship.

The late Sarah Barrans having bequeathed to the University in 1945 the sum of \$6,000 for the purpose of founding a scholarship in Geological or Metallurgical Science in memory of her brother, the late James Barrans, the following rules are hereby made:

1. A scholarship, to be called "The James Barrans Scholarship", shall be offered for competition annually.

2. Until the Council decides otherwise, the value of the scholarship shall be \$300.

3. The scholarship shall be awarded to a candidate of sufficient merit who has qualified *either* for the degree of Bachelor of Science with Geology III as one of his subjects *or* for the degree of Bachelor of Applied Science in Primary Metallurgy or Secondary Metallurgy.

4. Preference in the selection of the scholar will be given in alternate years to candidates in Science and Applied Science respectively; but if in any year there be no candidate of sufficient merit in the field to which preference is to be given in that year, the scholarship may be awarded to a candidate of sufficient merit in the other field.

5. The scholar shall, at the beginning of the next academic year following the award, enter upon the course for the Honours degree of Bachelor of Science in Geology or of Bachelor of Applied Science in Primary Metallurgy or Secondary Metallurgy as the case may be.

6. If in any year no award of the scholarship be made an additional scholarship may be awarded in a subsequent year when there is a second candidate of sufficient merit.

7. Payment of the value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term during the Honours year, payment of the second and third instalments being subject to receipt by the Academic Registrar of a certificate from the Head of the scholar's department that the scholar's work and progress during the preceding term have been satisfactory.

8. These rules may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

#### Awards.

For previous awards, see Calendars from 1954.

1962	Kirk, Alexander C.	1965	Miller, Crystal.	} equal
1963	Yong, Swee Kee		Steele, Ronald J.	
1964	Goode, Alan D. T.	} equal	1966	McKirdy, David M.
	Walter, Malcolm R.		1967	Jones, Melvyn T.

#### The Sir Ronald Fisher Prize in Genetics.

Whereas Professor J. H. Bennett has given to the University the sum of \$300 for the purpose of establishing a prize in memory of the late Sir Ronald Fisher, F.R.S., who was closely associated with the Genetics Department from 1959 until his death in 1962, it is hereby provided as follows:

1. The prize shall be called "The Sir Ronald Fisher Prize in Genetics".

2. The value of the prize shall be \$21 until otherwise determined by the University Council.

3. The prize shall be awarded to the student who shall most distinguish himself in the work and annual examinations of the Genetics II course, provided that if in the opinion of the Professor of Genetics no candidate is of sufficient merit no award shall be made.

4. These rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

#### Awards.

1965	Grivell, Anthony R.	1967	Finnegan, David J.
1966	No Award	1968	No Award.

#### Sir Ronald Fisher Memorial Scholarships

The sum of \$2,600 having been given to the University by friends and colleagues of the late Sir Ronald A. Fisher, Sc.D., F.R.S., for the purpose of establishing a Fund in his memory, the following rules are hereby made:

1. Two scholarships tenable in the University of Adelaide, to be known as Sir Ronald Fisher Memorial Scholarships, shall be offered for award annually. The value of each scholarship, until otherwise determined by the Council of the University of Adelaide, shall be \$60.

2. (a) One Scholarship shall be awarded to the undergraduate placed highest in order of merit amongst those candidates who Pass with Distinction in the annual examination in Genetics II and who proceeds to an Honours degree in Genetics.

(b) The other Scholarship shall be awarded to the undergraduate placed highest in order of merit amongst those candidates who Pass with Distinction in the annual examination in Mathematical Statistics II and who proceeds to an Honours degree in Mathematics specialising in Statistics.

#### Awards

1966:—

Genetics: Hynes, Michael J.

Mathematical Statistics: Butcher, Margaret G.

1967:—

Genetics: No award.

Mathematical Statistics: Muirhead, Robb J.

1968:—

Genetics: Finnegan, David J.

Mathematical Statistics: Jarrett, Richard G.

1969:—

Genetics: No award.

Mathematical Statistics: Eckert, Stanley R.

#### The R. K. Morton Scholarship.

(For Rules, *see* under Faculty of Agricultural Science, page 242)

#### The Pfizer Prize in Microbiology.

Whereas the Pfizer Corporation has undertaken to provide an annual prize in Microbiology in the Science course of the University, the following rules are hereby made:

1. The prize shall be called "The Pfizer Prize in Microbiology".
2. Its value shall be \$50.
3. The prize shall be awarded to the candidate who is placed first in the annual examination in Microbiology in the course for the degree of Bachelor of Science; provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

1965 Goh Hee Boon.

1966 Baldo, Brian A.

1967 Langman, Rodney E.

1968 Jansen, Catherine S. } equal.  
Skurray, Ronald A. }

#### The Union Carbide Prizes.

The Council having accepted the offer of Union Carbide Australia Limited to provide two annual prizes of \$100 each for students of Chemistry and Chemical Engineering, the following rules are hereby made:

1. The prizes shall be known as "The Union Carbide Prizes".
2. The object of the prizes is to encourage students to undertake further studies leading to an honours or a higher degree.

3. One prize shall be offered annually for award to the student who in the opinion of the Professors of Organic Chemistry and of Physical and Inorganic Chemistry shall have obtained the best results in that year in the two subjects Organic Chemistry III and Physical and Inorganic Chemistry III considered jointly.

4. The other prize shall be offered annually for award to the candidate who in the opinion of the Professor of Chemical Engineering submits the best thesis in that year as part of the work for the Honours degree of Bachelor of Engineering in Chemical Engineering.

5. No award of a prize shall be made if no candidate is deemed by the examiners to be of sufficient merit.

6. These rules may be varied at any time by agreement between the Company and the University, and the prizes may be withdrawn by the Company on its giving twelve months' notice of such withdrawal.

#### Awards.

Chemistry:		Chemical Engineering:	
1965	Chaplin, Rodney P.	1966	Gehan, Kevin
1966	Hodgeman, Daryl K. C.	1967	Brenton, Kevin J.
1967	Beames, David J.	1968	Fuller, Peter G.
1968	Thornton, Andrew T.	1968	Lee, Cheong Seng

} equal

#### The J. R. Wilton Prize.

In order to perpetuate the memory of the late Professor J. R. Wilton, Elder Professor of Mathematics in the University of Adelaide from 1920 to 1944, the sum of \$200 has been raised by friends, former students, and others, and has been given to the University to establish an annual prize in the Department of Mathematics. The prize, of the value of \$10, shall be known as "The J. R. Wilton Prize" and shall be awarded on the recommendation of the Heads of the Departments of Mathematics and Statistics to the student who has achieved the greatest distinction in the work and examinations of the third-year courses in Mathematics or Statistics or both, provided that if no candidate be deemed of sufficient merit no award shall be made.

#### Awards.

For previous awards, see Calendars from 1963.

1963	Summerfield, William C.	1966	Simon, Leon M.
1964	Clarke, Robert J.	1967	Jarrett, Richard G.
1965	Butcher, Margaret G.	1968	Van der Hoek, John

#### The J. G. Wood Memorial Prize.

The sum of \$1,000 having been given to the University by friends and former students of the late Joseph Garnett Wood, Professor of Botany in the University from 1935 to 1959, for the purpose of founding a prize in his memory, it is hereby provided as follows:



1. A prize, to be known as "The J. G. Wood Memorial Prize", shall be available for award annually. Its value, until otherwise determined by the Council, shall be \$50.

2. The prize shall be awarded to the candidate who, in the opinion of the examiners, obtains the best results in the year's work, including the annual examination, in Botany III, provided that no award shall be made unless the candidate has reached the standard of a Pass with Distinction.

3. These rules may be varied from time to time by the Council, but the title and general purpose of the prize shall not be changed.

#### Awards.

1965	Woidt, David F.	1967	No Award
1966	Rungie, John M.	1968	Purdie, Rosemary W.

#### HONOURS

##### The John Bagot Medal.

(For Rules, *see* above under First Year)

##### The C.S.R. Chemicals Prize.

The Council having accepted the offer of C.S.R. Chemicals Pty. Ltd., to provide annually a prize of \$100 in Chemistry, the following rules are hereby made:

1. The prize shall be known as "The C.S.R. Chemicals Prize".

2. The prize shall be awarded annually to the candidate at the final examination for the Honours degree of Bachelor of Science who is placed highest in the First Class *either* in Organic Chemistry *or* in Physical and Inorganic Chemistry.

3. The prize having been awarded in 1964 to a candidate in Physical and Inorganic Chemistry, it shall be offered in 1965 for award in Organic Chemistry. Thereafter the prize shall be offered each year in the subject in which the prize was not awarded in the preceding year.

4. If in any year no candidate is placed in the First Class in the subject in which the prize is offered, an award may be made (in accordance with Rule 2) to a candidate in the other subject.

5. If the examiners report that two or more candidates in the same subject are of equal First Class merit the prize shall be divided equally amongst such candidates.

#### Awards.

1965	Jackson, Mervyn B.	} equal	1967	Hodgeman, Daryl	} equal
	Walji, Ahmed Hassanali			K. C., B.Sc. Klose, Thomas R., B.Sc.	
1966	Chaplin, Rodney P.		1968	Butler, Keith G.	

### The Rennie Scholarship.

The sum of \$640 having been paid to the University in 1930 for the purpose of establishing a scholarship to promote research in Chemistry and to perpetuate the memory of Edward Henry Rennie, Angas Professor of Chemistry in the University from 1884 to 1926, and that sum having been increased to \$700 in 1966 by capitalisation of \$60 accumulated income, the following rules are hereby made:

1. A scholarship, to be known as "The Rennie Scholarship for Research in Chemistry", shall be offered for competition annually; but no award shall be made unless there is a candidate deemed by the assessors to be of sufficient merit.

2. Until the Council decides otherwise, the value of the scholarship shall be \$35.

3. The scholarship shall be awarded to the candidate who is adjudged by the assessors to have carried out in that year with most distinction the research project forming part of the final year's work for the Honours degree of Bachelor of Science in either Organic Chemistry or Physical and Inorganic Chemistry.

4. The assessors shall be the Heads of the Departments of Organic Chemistry and Physical and Inorganic Chemistry.

5. Payment of the value of the scholarship shall be made in one sum when the scholar has been registered as a candidate for the degree of Master of Science or Doctor of Philosophy in the University of Adelaide, provided that such registration is effected within twelve months of the date of award of the scholarship. If the scholar do not so register the award may be awarded to another candidate of sufficient merit who has so registered.

6. The scholarship may be held in conjunction with any other scholarship, prize or award tenable in the University.

7. These rules may be varied from time to time but the title of the scholarship and its general purpose shall not be changed.

#### Awards.

For previous awards, see Calendars from 1934.

1954	Gooden, John E. A.	1967	Kikkert,	} equal
1961	Ramsay, George C., B.Sc.		John N., B.Sc.	
1962	Paul, David B.		Martin,	
1966	Chaplin, Rodney P.		Lynette R., B.Sc.	
		1968	Beames, David J.	

### The Tate Memorial Medal.

Whereas a sum of one hundred and twenty dollars was paid to the University for the purpose of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, it is hereby provided that:—

1. A medal to be called "The Tate Memorial Medal" shall be awarded annually to the candidate who, in the opinion of the examiners, submits the best thesis on original work as part of the annual examination for the Honours degree of B.Sc. in Geology.

2. No award shall be made in a year in which, in the opinion of the examiners, there is no candidate whose thesis is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1932.

1956	Daily, Brian, B.Sc.	1966	Jenkins, Richard J. F.
1965	Goode, Alan D. T. Walter, Malcolm R.	1967	Gray, Christopher M., B.Sc.
		1968	McKay, Keith G.

## BOARD OF STUDIES IN PHYSIOTHERAPY.

### THIRD YEAR

#### The Kate Gilmore Reid Prize.

Whereas the Australian Physiotherapy Association South Australian Branch Incorporated has offered to provide an annual prize of \$10 in memory of the late Kate Gilmore Reid, the following rules are hereby made:

1. The prize shall be known as "The Kate Gilmore Reid Prize".

2. It will be paid direct to the successful candidate by the Australian Physiotherapy Association.

3. It shall be awarded annually on the results of the November examination to the final year student in Physiotherapy whose practical work is carried out with the greatest care and intelligence and in a manner most likely to benefit the patient and assist in the smooth running of the Physiotherapy Department.

#### Awards.

For previous awards, see Calendars from 1959

1965	Pfitzner, Maxwell C.	1967	No award
1966	Kidnie, Marilyn E.	1968	Chapman, Patricia B.

PRIZES AND SCHOLARSHIPS TENABLE  
IN DIFFERENT FACULTIES

—————  
UNDERGRADUATE

**The Chapman Memorial Scholarship.**

Whereas a sum of money\* has been given to the University for the purpose of establishing a Scholarship in memory of James Chapman and of his sons Stirling and Rodney Chapman, the following Rules are hereby made:

1. The Scholarship shall be known as "The Chapman Memorial Scholarship".

2. The scholarship shall be awarded annually to a candidate who, having been a student of King's College, Adelaide, has been recommended to the Council by the Headmaster of King's College and has matriculated in either the Faculty of Science or the Faculty of Engineering. Provided that no award need be made if, in the opinion of the Headmaster of King's College, no eligible person is worthy of the award.

3. The Council may, in its discretion, terminate the tenure of the Scholarship of any Scholar who does not continue with his course or whose progress in his studies is unsatisfactory; and in such case the Scholarship may be awarded to another person in accordance with rule 2.

4. The period of tenure of each Scholarship shall normally be three years, with power for the Council to increase this period in the case of a student whose course in either of the above Faculties extends beyond three years.

5. So long as the fund and the income thereof suffice for the purpose, each Scholarship shall be of the value of \$140 a year, which shall be paid to the Scholar in three equal instalments, one at the beginning of each term in the year or years in which the Scholarship is current.

6. These Rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed, nor shall the Scholarship be awarded save on the recommendation of the Headmaster of King's College, Adelaide.

Award.

1957 May, Kevin R.

1967 Keene, Frank R.

\* About \$2,800.

**Commonwealth University Scholarship Scheme.**

*General*

For particulars of Commonwealth Scholarships, enquiries may be made to the Department of Education and Science, Red Cross House, 228 North Terrace, Adelaide, S.A., 5000. (Telephone 23 2416.)

The Scholarships may be used for either full-time or part-time study. Students contemplating taking a course on a part-time study basis are not eligible for a Living Allowance and should consult the Department of Education and Science before making a final decision.

A Scholarship can be continued for an Honours degree for a student accepted for an Honours course by the University. Application to have a Scholarship extended to cover the Honours year must be made to the Department of Education and Science.

Scholarships involve certain obligations during training, but there is no obligation to serve the Commonwealth Government on completion of the course.

#### *Open Entrance University Scholarships*

In South Australia, Open Entrance University Scholarships are at present awarded on the results obtained in the applicant's best six Matriculation subjects, taken at one time. In general, applicants must reside in Australia with their parents, and must be under 25 years on January 1 of the year in which they intend to commence their course, irrespective of when they sat for the Matriculation Examination. In considering an application, regard will be had to any previous study undertaken by the applicant in courses approved under the Scheme, or in similar courses overseas. Results at the Supplementary Matriculation Examination are NOT counted.

An applicant must fulfil the entrance requirements for his chosen course before he can use his Scholarship.

A successful applicant may request deferment for 12 months. However, if he contemplates a degree course but is not qualified for matriculation at the time of gaining a Scholarship, he can NOT defer the Scholarship in order so to qualify. In such a case he would have to agree to undertake a course not requiring matriculation, or relinquish his Scholarship. These students may apply their Scholarships to courses at the South Australian Institute of Technology or at other institutions usually covered by the Commonwealth Advanced Education Scholarship Scheme.

#### *Later Year University Scholarships*

Scholarships, called Later Year Scholarships, are available each year for students who did not obtain scholarships on their Matriculation Examination results but who have had success in an approved course.

#### *Mature Age Scholarships*

A few Mature Age Scholarships are available to persons over the age of 25 who have lived in Australia for 2 years and who fulfil other conditions.

#### *Value*

Commonwealth Scholarships pay for most compulsory fees, but do not cover fees for subjects taken a second time, residence or excursions; nor do they contribute to the costs of books or instruments.

Subject to a Means Test, a Commonwealth Scholar who is a full-time student may qualify for a Living Allowance. The maximum Living Allowance is \$904 for a student living away from home, and \$559 for a student living at home. The maximum Living Allowance will be payable where the "adjusted family income" amounts to \$2,500 or less. The "adjusted family income" consists of the gross income of the father and mother for the previous financial year, less \$300 for each dependent child under 21 in full-time education. The maximum Living Allowance is decreased by 20 cents for each dollar by which the "adjusted family income" exceeds \$2,500 between \$2,500 and \$5,000 and by 30 cents for every dollar above \$4,600.

*Applications*

Applications must be made on the prescribed form. The closing date for awards is September 30, and applications must be lodged with the Department of Education and Science by that date. If awarded a Scholarship, the student is required to sign a formal acceptance. Subject to satisfactory progress the scholarship will be continued for the duration of the course, but an acceptance must be signed annually. Applications for Living Allowance must be lodged annually by November 30.

Students under bond cannot be awarded a Commonwealth Scholarship. Students who have resigned a bond and have satisfied the requirements of the bonding authority are eligible to apply.

**The William Donnithorne Awards.**

Whereas the late William Donnithorne has bequeathed to the University the sum of \$4,100, the income of which shall be applied annually "to assist one medical student and one law student to continue their studies as the Chancellor of the University may decide," the following Rules are hereby made:

1. Two awards, each to be known as "A William Donnithorne Award", shall be available each year.
2. The value of each award shall be determined by the Chancellor when he makes it.
3. Each award shall be tenable for one year, but a candidate shall be eligible to receive an award for more than one year.
4. To be eligible for an award an applicant must have completed at least one full year's work in his course.
5. Both academic record and financial need will be taken into account in determining awards. A candidate must therefore give particulars of all other monetary awards (if any) that he holds and of his own and his parents' financial circumstances.
6. In the absence of any suitable candidate wishing to continue undergraduate studies an award may be made to a graduate to enable him to undertake studies in the Faculty concerned.
7. Applications in writing shall be lodged with the Registrar not later than March 1 in the year for which the award is sought. Applications must give the particulars referred to in Rule 5 above and in the case of candidates wishing to undertake graduate studies particulars of the studies proposed.

**The St. Alban Scholarship.**

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of \$300 for the purpose of founding a scholarship, to be called "The St. Alban Scholarship", the University has agreed:—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity)

shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be \$30 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

3. Scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University.

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.





enabled to pay to the University the further sum of \$1,000 for the purpose of extending the benefits conferred by the scholarship, and has requested the University to change the name of the scholarship to The Eric Smith Scholarship, in memory of Lieutenant Eric Wilkes Smith, a grandson of Sir Edwin, who was mortally wounded in the attack upon the Dardanelles on April 25, 1915, and has further requested that from 1967 the Scholarship be converted to a Bursary; the following rules are hereby made:

1. A Bursary, to be called "The Eric Smith Bursary", shall be awarded by the University on the nomination of the Commercial Travellers' Association of South Australia (Incorporated).

2. The Bursar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.

3. Unless the Council of the University, with the consent of the Association, decides otherwise the bursary shall be of the value of \$60 a year payable in three equal terminal instalments. Each instalment shall be paid early in the respective term provided that payment for the second and third terms of any year shall not be made unless the bursar is continuing with his studies and is showing diligence satisfactory to the Dean of his Faculty.

4. The Bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

5. Save by permission of the Council of the University, the Bursar shall not retain the Bursary for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.

6. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the Bursary, and the privileges of the then holder shall thereupon be at an end.

#### Awards.

For previous awards, see Calendars from 1960.

1952	Webber, Ian Ernest	1961	Sanders, David A.
1957	Woods, Meredyth Tenison-	1964	Mason, Douglas J.

### The United Nations Prize

In 1923 the late Tom Elder Barr Smith gave to the University the sum of \$200 to found an annual prize for an essay on a subject connected with the work of the League of Nations; and until 1945 the prize was so offered for competition.

The League of Nations having been dissolved and the United Nations having been established in 1945, the prize is now offered in accordance with the following rules:

1. A prize of the value of \$10 shall be offered annually for the best essay on a subject connected with the work of the United Nations.

2. The subject for essays in any year shall be prescribed by the Faculty of Arts before the end of the preceding year.

3. Any undergraduate or non-graduating student in the University, or any member of any class under the control of the University, shall be eligible to compete, provided that he is not already a graduate of any University.

4. An essay for the prize shall—

- (a) contain not fewer than 4,000 nor more than 10,000 words;
- (b) be submitted to the Academic Registrar not later than 30th September in the year of competition (unless in special circumstances a later date be allowed);
- (c) be accompanied by a list of the sources from which the material for it was obtained.

5. The prize shall not be awarded more than once to the same person; nor shall an award be made in any year if in the opinion of the examiners no essay of sufficient merit has been submitted.

6. The examiners shall be appointed annually by the Faculty of Arts and shall convey their decision to the Academic Registrar not later than 1st December in the year of competition.

7. Whenever the credit balance of the income from the endowment will permit the value of the prize shall be increased to \$20.

8. These rules may be varied by the Council from time to time, provided only that the general purpose of the endowment be fulfilled.

#### Awards.

For previous awards, see Calendars from 1937.

1940	Gent, John George Moyns	1944	Osborn, Rowen Frederic
1943	Cheek, Bruce Mansfield	1945	Cashmore, Helen Patricia

The subject for 1969 is either—

The financial predicament of the United Nations; or Anti-Colonialism and the United Nations.

#### The John L. Young Scholarship for Research.

This scholarship was founded in memory of the late John Lorenzo Young, and is awarded to enable the recipient to carry out research in any branch of knowledge.

1. The said sum of \$2,000 (increased in 1966 by capitalisation of accumulated income to \$3,000) shall constitute the foundation fund of a scholarship to be called "The John L. Young Scholarship".

2. (a) Provided that there is a candidate of sufficient merit the Scholarship shall be awarded annually to a candidate qualified and about to proceed to the final-year work for an Honours degree in a subject in one of the following groups of disciplines in rotation, beginning with the award for the year 1967:

Social Sciences and Humanities

Physical Sciences and Engineering

Biological, Agricultural and Medical Sciences.

(b) To be eligible for the Scholarship a candidate must have completed all the pre-requisite work prescribed for admission to the final-year work for the Honours degree to which he intends to proceed.

3. Nominations for the Scholarship will be made by Heads of Departments. The Scholarship will be awarded by the Council on the recommendation of the Scholarships Committee from amongst the eligible candidates in the relevant group of disciplines.

4. Until otherwise determined by the Council, the value of the Scholarship shall be \$150 a year payable in three equal instalments, one at the beginning of each term in the year in which the scholar undertakes the final-year work for the Honours degree. The payments for the second and third terms shall be subject to receipt by the Registrar of a report from the Head of the Department concerned that the scholar's work and progress during the preceding term have been satisfactory.

5. If no award of the Scholarship for any year be made the value of the Scholarship for that year shall be added to the foundation fund referred to in Clause 1 above.

6. These clauses may be varied from time to time in any manner not inconsistent with the objects for which the fund was provided.

#### Awards.

For previous awards, see Calendars from 1923.

1962	Acott, Brenton	1966	Milne, Peter R.
1964	Blagrove, Robert J.	1967	Milne, Peter R., B.Sc.
1965	Walter, Malcolm R.		

#### POSTGRADUATE WITHIN THE UNIVERSITY

##### The Baillieu Research Scholarships.

Whereas the University has received a sum of money under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, for the purpose of establishing and maintaining in perpetuity within the University a scholarship or scholarships, the following rules are hereby made:

1. Two Scholarships, to be known as "The Baillieu Research Scholarships", shall be available annually.

2. The value of each Scholarship shall be \$150 a year, or such other sum as the Council may from time to time determine, and shall be paid to the Scholar in three equal instalments, one at the beginning of each term.

3. Each Scholarship shall be tenable for one year in the first instance, but may be renewed for a second year and, in exceptional cases, for a third year, but not longer.

4. Any graduate of the University who desires to conduct within the University postgraduate research in Medicine, Law, Commerce, Economics or Architecture, and whose research proposals are satisfactory to the Head of the Department concerned, shall be eligible for a Scholarship.

5. Where a candidate, eligible under Rule 4, is the lineal descendant of an Australian soldier, sailor or airman who, as the result of an occurrence happening during the period he was a member of the Forces, has died or has been blinded or has been permanently and totally incapacitated, he shall be awarded a Scholarship without regard to the merits of other candidates.

For the purposes of this rule:

- (a) a member of the Forces shall be deemed to have been blinded if his eyesight is so defective that he has no useful sight; and
- (b) a member of the Forces shall be deemed to have been permanently and totally incapacitated if he has been incapacitated for life to such an extent as to be precluded from earning other than a negligible proportion of a living wage.

6. Every application for an award—including, in the case of a Scholarship holder, any application for renewal—must be made through the Head of the candidate's Department, and should reach the Registrar by October 31. It should include full details of the proposed research and of the arrangements made or to be made for carrying it out.

7. All awards shall be made by the Council, on the recommendation of either the General Research Committee or the Medical Research Committee. If at any time there are more recommendations than available Scholarships, the Council shall choose between the recommended candidates.

8. If in any year a Scholarship is not awarded, such Scholarship may be awarded as an additional Scholarship in any subsequent year.

#### Awards.

1960 Charnock, John S., B.Sc. 1963-5 Good, Brian F., B.Sc.

#### Commonwealth Postgraduate Awards.

The Commonwealth Department of Education and Science provides each year a number of awards for postgraduate study in any Faculty. The basic stipend attached to an award is \$2,350 a year. Special allowances may be granted for a dependant child, transfer from interstate and production of a thesis. The University excuses the holder of a Commonwealth Postgraduate Award from paying all fees associated with his candidature for a higher degree; but the Award holder is required to pay the Statutory Annual Fee of \$22.50 for membership of the University Union.

To be eligible for an award a candidate must be permanently resident in Australia and must have qualified for a good Honours degree; or be about to take his final Honours examination. A student may

apply for an award in more than one university provided that he lodges a separate application with each university concerned. He should consult the relevant Head of the department in each such university about his proposed field of study before lodging his application with that university.

An award is initially granted for one year from the date of beginning study under it. Thereafter subject to satisfactory progress, it is renewable for a second year in the case of a candidate for a degree of Master and for a second and third year in the case of a candidate for the degree of Ph.D. In exceptional circumstances an award may be extended into a fourth year for a Ph.D. candidate.

Applications, on the prescribed form which is obtainable from the Registrar's office, close with the Registrar on the last day of October in each year.

#### Awards for 1969

Allen, Leon R., B.Sc. (Edin.)	Irvine, Robert D., B.Sc. (W.A.)
Battye, Peter L., B.E.	Jennings, Leslie S., B.Sc.
Biezaitis, Sandra M., B.Mus.	Kemp, David J., B.Sc.
Bower, Anthony R. D., B.Sc.	Leader, Lynette F., B.A.
Boyes, Maria H. E., B.A.	Madelaine, Richard E. R., B.A.
Bradshaw, Alan W., B.Sc.	Marinoff, George M., B.Sc.
Brown, Nicholas, B.Sc.	May, Anthony J., B.Sc.
Butler, Keith R., B.Sc.	Mickan, Peter F., B.A.
Chapman, Keith S. R., B.Ag.Sc.	Nicholson, Brenton C., B.Sc.
Cleave, Geoffrey A., B.Sc.	Ochota, Peter, B.E.
Cooper, Thomas J., B.Sc.	Petkovic, Mirko, B.Sc.
Denton, Robin E., B.Sc.	Rattley, Robert C., B.Sc.
Douglas, Bernadette M., B.Sc. (A.N.U.)	Rehn, Mark, B.E.
Doyle, Frances W., B.A.	Ridgway, Margaret L. C., B.A.
Edge, John F., B.A.	Russel, Alan, B.A. (N.E.)
Edwards, Ross A., B.Mus.	Scarfe, Janet C., B.A.
Ellery, Jeanette F., B.A.	Steinert, Peter M., B.Sc.
Farrant, Robert K., B.Sc.	Taylor, Peter J., B.Sc.
Freund, John T., B.Sc.	Tolstoshev, Paul, B.Sc.
Gaffney, Janice M., B.Sc.	Tucker, David H., B.Sc.
Gara, Andrew P., B.Sc.	Wageningen, Brian C. van, B.A.
Gray, Douglas A., B.Sc.	Wells, Roderick T., B.Sc.
Guiney, David C., B.Sc.	Wesley-Smith, Martin, B.Mus.
Haselgrove, Maxwell K., B.Sc.	Whiting, Malcolm J., B.Sc.
Hollander, Mrs. Emma den, Dip. Royal Cons. Mus. (Neth.)	Williams, Graham N., B.Mus.
Horgan, Ian R., B.E.	Wiseman, Michael, B.Sc.
Horton, B. J., B.Sc.	Wood, Glen L., B.Sc.
	Zweck, Lois B., B.A.

#### The William Culross Prize for Scientific Research.

Whereas the late Mrs. Gertrude Culross has bequeathed to the University the sum of \$500 for the purpose of providing an annual prize for scientific research, the following rules are hereby made:

1. The prize shall be called "The William Culross Prize for Scientific Research."

2. The value of the prize shall be \$25 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizewinner in one sum.

3. The prize shall be awarded annually to the student who, being enrolled as a full-time student proceeding to a higher degree in science or engineering, shall have most greatly distinguished himself in scientific research in that year in the prescribed Group of sciences. The award shall be made by the Council on the recommendation of the General Research Committee.

4. For the purposes of Rule 3, the following Groups have been prescribed:

Group I—The biological sciences.

Group II—The physical sciences.

Group III—The sciences studied in the Departments of the Waite Agricultural Research Institute.

5. The prize shall be offered for competition for the first time in the year 1953 and shall be awarded for work done during that year in one of the sciences in Group I; thereafter it shall be awarded annually for work in each Group in rotation: provided that, if in the opinion of the General Research Committee there is in any year no candidate of sufficient merit in the Group appropriate to that year, the prize may be awarded to a candidate from either of the other two groups; but such award shall not affect the strict order of annual rotation of the three Groups.

6. If in any year no candidate is considered by the General Research Committee to be of sufficient merit the prize shall not be awarded for that year but the Council may, in the next or in any subsequent year, award two prizes if there be two candidates (not necessarily both in the same Group) who are recommended by the General Research Committee as being of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1959.

1964	Edwards, David G., B.Ag.Sc. Murray, Andrew W., B.Ag.Sc.
1965	Sved, John A., B.Sc.
1966	Cunningham, A. A.
1967	No award
1968	Cheng, Mee Chooi Gabb, Bronte W.

#### General Motors-Holden's Postgraduate Research Fellowships.

General Motors-Holden's are operating a Fellowship Plan to provide additional opportunities for graduates to pursue higher qualifications in Australia, and to assist in the development of research facilities in Australian universities. Following are the conditions which govern the Plan:

1. Eight Fellowships are offered throughout Australia: two in New South Wales and in Victoria, and one in each of the remaining four States.

2. All graduates of Australian universities are eligible, but preference may be given to graduates in the faculties of Science, Engineering and Economics, who on completion of their Fellowships intend to follow a career in Australia.

3. The stipend value depends on a Fellow's academic standing and marital status: it will range between \$3,000 and \$3,500 a year.

4. Each Fellowship is tenable for a maximum period of three years.

5. Qualities of leadership as well as academic achievements will be taken into consideration in making Fellowship awards.

6. Applications for both new awards and renewals should be lodged with the Registrar of the particular university at which post-graduate study is desired. Applications at The University of Adelaide close on the last week day in October each year, and the appropriate forms are obtainable from the Registrar's Office.

#### Awards.

For previous awards, see Calendars from 1959.

1965	Elix, John A., B.Sc.	} awarded for
	Swann, John C., B.Sc.	
1966	Chandler, Bruce S., B.Sc.	} awarded for
	Redmond, John W., B.Sc.	
1967	Chandler, Bruce S., B.Sc.	} awarded for
	Redmond, John W., B.Sc.	
1968	Chaplin, Rodney P., B.Sc.	} awarded for
	Ginos, Zisis	
1969	Chaplin, Rodney P., B.Sc.	} awarded for
	Ginos, Zisis, B.E.	

#### The I.C.I.A.N.Z. Research Fellowship.

Whereas Imperial Chemical Industries of Australia and New Zealand Ltd. has agreed to provide the sum of \$2,500 a year for a research fellowship in The University of Adelaide, the following rules are hereby made:

1. The Fellowship shall be called "The I.C.I.A.N.Z. Research Fellowship" and shall be of the annual value of \$2,500.

2. The object of the Fellowship is to promote knowledge in a field which has some direct relation to the scientific interests and national responsibilities of Imperial Chemical Industries of Australia and New Zealand Ltd. Accordingly the Fellowship may be awarded to a candidate who proposes to undertake research on a subject or topic in Agricultural Science, Applied Chemistry, Biochemistry, Chemistry, Chemotherapy, Engineering, Mining, Metallurgical and Chemical Engineering, Pharmacology, Physics or some other subject approved by the University.

3. Any subject of a nation of the British Commonwealth who is a graduate of a recognised university may be a candidate for the Fellowship.

4. The Fellowship will be awarded for a period of two or three years but may be terminated earlier if the Fellow's work or progress is not satisfactory. Tenure (and salary) will begin on the date on which the Fellow takes up duty in Adelaide.

5. A Fellow may be permitted to undertake teaching duties within the University in addition to research activities for which the Fellowship is granted.

6. An applicant must give particulars of his age, his academic record, and his previous research work including a list of publications (if any), must state as specifically as he can the subject on which he would wish to undertake research if awarded the Fellowship, and must give the names and addresses of two referees of whom confidential opinions may be sought. If his research will involve special or expensive apparatus he should state his requirements.

7 No provision is made for a candidate's fare to Adelaide.

#### Awards.

For previous awards, see Calendars from 1959.

1964	Arthur, Neville L., B.Sc.	1968	Cramond, David N., B.Sc.
1965	Vladcoff, Adrian N., B.E.	1969	Faull, Kym F., B.Ag.Sc.

### The David Murray Scholarships.

These scholarships, of the value of \$95 each, were founded by the late David Murray, a former member of the Council of the University.

For conditions, see Statutes, Chapter XXXI.

#### ARTS.

In order to assist students who intend to undertake work of an advanced character a David Murray Scholarship will be awarded on the result of the examination for the Honours Degree of Bachelor of Arts, in Classics or French or Geography or Latin or Mathematics or Philosophy or Psychology to a candidate whose work is considered to be of sufficient merit.

#### SCIENCE.

This scholarship is awarded to enable the recipient to carry out some scientific investigation. The successful candidate, who must have satisfied all the academic requirements for a degree in either pure or applied science, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment will be made in two instalments, the first on approval by the Council of the subject of the scholar's work, and the second on receipt of a satisfactory report of progress.

#### LAW.

A David Murray scholarship of \$50 will be awarded each year to a candidate for the Honours degree of Bachelor of Laws who has maintained a consistently high standard in his work throughout the course, and has demonstrated his ability to undertake advanced work and original investigation.



## MEDICINE.

Facilities for higher work will be offered to any graduate or undergraduate who desires to pursue a subject of research. A scholarship of the value of \$50 may be awarded every second year for such work, provided it is of high quality. Undergraduates of not less than three years' standing and graduates of not more than two years' standing will be eligible to compete.

## Awards.

For previous awards, see Calendars from 1913.

1966	Arts—Adams, R. A.	Sorby	1967	Science—Chaplin, Rodney P.
	Cann, Melvyn R.			Law—Haynes, Jennifer M.
	Forrest, Anna	1968		Science—Purdie, Rosemary W.
	Tilby, Penelope			van der Hoek, John
	Tsangaris, George P.			Arts—Ellery, Jeanette F.

## The University Research Grant.

The University Research Grant serves two purposes: to enable suitable young graduates to be trained in the principles and methods of original research and to promote research itself. The Grant therefore provides for the support of both trainee and qualified research workers and for the purchase of equipment and maintenance materials and for other expenses associated with the prosecution of approved research projects. Except as specifically provided otherwise below, all awards under the grant are made on an annual basis.

An *Honours Year Scholarship* may be awarded to a graduate with a good Ordinary degree to enable him to proceed to an Honours degree. An applicant must establish substantial financial need, and attain at least Credit standard in the third-year course of the subject in which he wishes to proceed to Honours. Very few awards are made.

A *Senior Postgraduate Scholarship* may be awarded to a graduate with a good Honours degree, or the equivalent, to enable him to proceed to a Master's or a Ph.D. degree. A potential candidate for a scholarship should consult the Head of his Department in *August or September* as applications for scholarships must be lodged with the Registrar by the end of October.

A *Postdoctoral Research Fellowship* may be awarded to a graduate who has received, or has qualified to receive, the degree of Ph.D. Such a fellowship may be renewed annually, but tenure shall not exceed three years. Applications, listing age, marital status, qualifications, publications, referees, and the field of research, should be sent to the Registrar.

A limited number of *Senior Research Fellowships* may be awarded to highly qualified persons (of Senior Lectureship or Readership status). Tenure is for not less than three years and not more than five. A Senior Research Fellow is expected to take a responsible part in the research programme of, and the guidance and supervision of postgraduate students in, the Department in which he holds his fellowship. Applications should list age, marital status, qualifications, experience, publications, referees, and details of the research proposed, and should be sent to the Registrar.

The Grant also makes provision for distinguished scholars to be invited to the University as *Visiting Professors*. The minimum period which a Visiting Professor must agree to spend in Adelaide is three months; the maximum, twelve.

Scholarships and Fellowships are open to graduates of other Australian and overseas universities, and enquiries are welcome. An interested person should indicate his qualifications and the field in which he would wish to work.

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## POSTGRADUATE AWARDS TENABLE OVERSEAS

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### **British Passenger Lines' Free Passage Scheme for University Graduates.**

The Australian and New Zealand Passenger Conference provides each year for 25 first class return passages to the United Kingdom in accordance with the following conditions:

1. Passages will be available by vessels leaving Australia between July 1 and December 31, and from the United Kingdom by vessels leaving between March 1 and June 30, in any year.

2. Passages will be awarded only to graduates who show that they will have sufficient funds to enable them to devote their whole time abroad to study and research, and who give an undertaking to do so.

3. Except in leisure hours and in University vacations, paid employment must not be undertaken unless the employment is in itself necessary to the study or research proposed by the passage holder.

4. Passage holders will be expected to spend at least two years abroad.

5. Graduates to whom passages are awarded must sign an undertaking that they will, on completion of their courses, return to Australia. Exemption from this regulation may, in special circumstances, be granted by the Conference.

6. In the case of engineering students, it is recognised that some of the time will necessarily be spent in shops and yards of engineering firms, but the Associated Lines have expressed a wish that where possible such students should supplement their practical work by attending a university.

7. Preference in the selection of candidates will be given to graduates who, although possessing sufficient means to live in Europe, could not afford to pay for their sea passages both ways.

8. Applications should be made in writing to the Registrar not later than a date (about the end of February) fixed each year. Each

should include the candidate's name, address, qualifications, proposed course of study, and date on which he desires to leave Australia. Such application will be forwarded by the Registrar to the Australian Vice-Chancellors' Committee for submission to the Secretary of the Australian and New Zealand Passenger Conference.

Rhodes Scholars are eligible for consideration in connection with these awards.

### 1851 Exhibition and Rutherford Scholarships.

The Royal Commissioners for the Exhibition of 1851 offer annually several scholarships, and the Royal Society offers one known as The Rutherford Scholarship, for graduates in pure or applied science of universities within the British Commonwealth. Each scholarship is worth about £S.1,000 a year, is tenable for two or three years, and must be held in a country other than the scholar's country of graduation. Applicants must be under 26 years of age (or 28 years for a candidate for the Rutherford Scholarship who holds a Ph.D.) on May 1 of the year of application.

Application forms and more detailed information may be had on request to the Registrar's Office, where applications (on the printed form) must be lodged by March 1.

#### Scholarship Awards.

1892	Allen, J. B., B.Sc.	1935	Price, James R., M.Sc.
1902	Cooke, William T., B.Sc.	1947	Bowes, Donald R., B.Sc.
1905	Kleeman, Richard D., B.Sc.	1950	Nossal, Peter M., M.Sc.
1909	Glasson, Joseph L., B.Sc.	1952	Pettit, Rowland, M.Sc.
1912	Jauncey, G. E. M., B.Sc.	1956	Hall, Barbara I. H., B.Sc.
1920	Dawkins, Alfred E., B.Sc.		Hunt, Arnold L., B.Sc.
1925	Wood, Joseph G., B.Sc.	1960	Moritz, Alan G., B.Sc.
1927	Oliphant, M. L. E., B.Sc.	1963	Ramsay, Graham C., B.Sc.
1933	Bosworth, R. C. L., M.Sc.	1967	Blanksby, Peter E., B.Sc.
1934	Ballard, L. A. T., M.Ag.Sc.	1969	McFeat, Richard B., B.Sc.

#### Bursary Awards

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

### The Gowrie Scholarship Trust Fund

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for university students: (a) four scholarships, each of the value of \$200 a year, tenable at an Australian university for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of \$1,800 a year, tenable for two years at a university or other approved institution abroad.

A candidate for either scholarship must be or have been a member of one of the Forces with service in the war which began in September, 1939, or be the child or other lineal descendant of such member, as defined in the Trust Deed. Further particulars may be had on application at the Office of the Academic Registrar.

### Graduate Awards for Women

The International Federation of University Women (I.F.U.W.) and the American Association of University Women (A.A.U.W.) offer annually a number of fellowships and grants for postgraduate research or study overseas. The I.F.U.W. Awards and some of the A.A.U.W. Fellowships are open only to members of the I.F.U.W. In Australia, members of the State Associations of University Women are automatically members of the Australian Federation of University Women (A.F.U.W.) and of the I.F.U.W. Awards offered by the I.F.U.W. and the A.A.U.W. are advertised each year by the A.F.U.W. and within the universities. The advertisements include addresses to which enquiries should be made.

### The George Murray Scholarships.

#### RULES.

Enabled to do so by the bequests (amounting to about \$280,000) of the late Sir George Murray, K.C.M.G., Chancellor of the University from 1916 to 1942, and of his sister, the late Miss Margaret Tinline Murray, the Council has established a number of scholarships and made the following rules relating to them:

1. The scholarships shall be known as "A George Murray Scholarship".

2. The purpose of the scholarships is to enable graduates of the University of Adelaide to undertake further study or research in approved universities or other institutions outside the Commonwealth of Australia.

3. (a) Until otherwise determined by the Council the number of scholarships available for award in each year shall be six.

(b) Normally three scholarships shall be awarded to graduates in the Faculties of Arts, Economics, Law and Music, and three to graduates in the Faculties of Science, Agricultural Science, Engineering, Medicine, Dentistry, and Architecture and Town Planning.

(c) If in any year there be less than three awards in either group of Faculties listed in Section (b) of this Clause the Council may award an additional scholarship or scholarships in the other group of Faculties, provided that the total number of scholarships awarded in that year shall not exceed six.

4. There shall be two categories of awards, the minimum qualification for award in each category being as follows:

Category A: The degree of Ph.D.: provided that a candidate who expects to submit his thesis for the degree of Ph.D. by July 31 in the year for which the award is sought shall be eligible to apply in this category.

Category B: An Honours degree, or other qualifications judged to be equivalent, in Arts, Economics, Science, Agricultural Science, Engineering, Law, Medical Science, Music, Architecture, or Applied Science; the degrees of M.B., B.S., followed by at least one year of hospital practice or research; the Honours degree of B.D.S., or the degree of B.D.S. followed by at least one year's postgraduate study; a Master's degree.

5. The normal period of tenure of a Category A Scholarship shall be one year only, and the award will not be renewed for a second year except in very special circumstances. The normal period of tenure for a Category B Scholarship shall be two years, with the possibility of an extension for a third year only to enable the scholar to complete a course of study which has been approved.

6. (a) Until the Council decides otherwise, and subject to Clause (e) below, the value of a scholarship shall be:

	Yearly.
In Category A: Tenable at Oxford or Cambridge - -	\$2,130
Tenable in the University of London - -	\$2,030
Tenable in any other University in the United Kingdom - - - -	\$1,930
In Category B: Tenable at Oxford or Cambridge - -	\$1,750
Tenable in the University of London - -	\$1,650
Tenable in any other University in the United Kingdom - - - -	\$1,550

(b) The value of a scholarship awarded to a candidate in Category A who has not qualified for the degree of Ph.D. before he leaves Adelaide shall, pending decision on his candidature for the degree, be the appropriate rate for a scholarship in Category B. If the scholar be awarded the degree on the original submission of his thesis the value of his scholarship shall be the appropriate rate for a Scholarship in Category A as from the date on which he submitted his thesis or the date on which he began tenure of his scholarship whichever is the later.

(c) The attention of candidates is drawn to the George Murray Overseas Travel Grants, the rules for which are published immediately after these rules.

(d) A scholar may hold, concurrently with his George Murray Scholarship, any grant for travel purposes only.

(e) A scholar who obtains any other award (whether it be scholarship, fellowship, salary, living allowance, or other emolument) shall at once inform the Registrar. He shall normally be required to retain such other award; and subject to the approval of the Council the Scholarships Committee, after considering all the circumstances, shall then decide the annual value of his George Murray Scholarship. In these circumstances the scholar's outside award shall be supplemented up to the value of his George Murray Scholarship plus an additional amount to be determined by the Scholarships Committee, subject to the approval of the Council.

(f) One-quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia. Thereafter, for the period of tenure of the scholarship, payments will be made in equal quarterly instalments in advance.

(g) Payment of a Category B scholarship for the second year will be contingent upon receipt by the Registrar, from the candidate's supervisor or from the Head of the Department in which he is studying, of a satisfactory report on his work during the preceding year.

(h) Payment for a third year in Category B or for a second year in Category A will be made only after extension of the scholarship for that year has been formally approved.

7. (a) Applications must be lodged with the Registrar not later than October 31 in the year preceding that for which the award is sought.

(b) Every candidate should consult the Head of his Department in advance and should state in his application his proposed field of study and the university or other institution in which he desires to pursue it.

(c) Confirmation of the award of a George Murray Scholarship will be dependent upon the scholar's giving evidence that he has been accepted by the university or other institution concerned and that he is able to make suitable arrangements to proceed there.

(d) Application for extension of tenure of a scholarship for a second year in Category A or for a third year in Category B must be made in writing to the Registrar *before payment of the final quarterly instalment under the original award is due to be made*; and the application shall include a statement of the grounds on which the extension is sought together with a recommendation from the candidate's supervisor.

8. (a) Applications for scholarships in Arts, Economics, Law and Music shall be considered by a Committee comprising the Heads of Departments in the Faculty of Arts, the Head of the Department of Commerce, and the Deans of the Faculties of Law and Music, which shall report to the Faculty of Arts, and to the Scholarships Committee. Awards shall be made by the Council on the recommendation of the Faculty of Arts.

(b) Awards in Faculties other than Arts, Economics, Law and Music shall be made by the Council on the recommendation of the Scholarships Committee.

9. The holder of a George Murray Scholarship shall submit annually to the Registrar, at the end of each year's work under the scholarship, a report on the work he has done during the year.

#### Awards.

For previous awards, see Calendars from 1959.

For 1967:

Ligertwood, Andrew L. C., LL.B.  
Daw, Rowena C., LL.B.  
Forrest, Anna M. H., B.A.  
Sinclair, Donald K., B.Sc.  
French, Robert J., B.Sc.  
Slade, Phillip G., B.Sc.

For 1968:

Dyki, Nick LL.B.  
Cameron, Heather M., B.A.  
Lee, Michael J., B.A.  
Young, John D., B.A.  
Allison, Graham B., B.Sc.  
Duke, Roger W., B.Sc.

For 1969:

Blake, John R., B.Sc.  
Finnegan, David J., B.Sc.  
Jarrett, Richard G., B.Sc.

Mills, Alice K., B.A.  
Packer, Margaret K., B.A.  
Pettman, Ralph H., B.A.

### The George Murray Overseas Travel Grants.

1. The Council may award each year a number of Overseas Travel Grants for the purpose of facilitating overseas postgraduate study or research by graduates of the University of Adelaide. The number of such grants that may be made in any year shall be determined in the light of the money available from the income of the George Murray Bequest after provision has been made for the George Murray Scholarships tenable during part or the whole of that year; but a grant shall not be made unless the applicant be deemed of sufficient merit and in need of assistance towards travel.

2. An applicant for a Travel Grant must have received a postgraduate award for further study or research in a university or other institution outside the Commonwealth of Australia; and the proposed course of study or research and the university or other institution in which it is to be undertaken shall, for the purpose of these grants, be subject to approval by the Council.

3. The value of a grant shall be determined in each case by the Council on the advice of the Scholarships Committee, which shall take into consideration the financial and other circumstances of the applicant; but until otherwise determined by the Council the total value of a grant shall not exceed \$800.

4. Applications for grants shall be made to the Registrar not later than May 31 in any year. An application shall include particulars of (i) the postgraduate award held and its value, (ii) the course of study or research proposed, (iii) the financial circumstances of the applicant, and (iv) any other awards or travel grants held or applied for.

5. (a) Ordinarily a grant shall be divided into two equal parts.

(b) The first part shall be for travel from Australia to another country overseas, and payment shall be made prior to the recipient's departure from Australia.

(c) Payment of the second part, for the return journey to Australia, shall be subject to the following conditions:

(i) Application for payment shall be made to the Registrar not later than February 28 of the calendar year in which payment is desired.

(ii) The applicant shall have completed the tenure of his scholarship and have spent not more than four academic years abroad.

(iii) The applicant shall not have received any other award or appointment which provides for his passage to Australia.

### The Rhodes Scholarship.

#### GENERAL REGULATIONS.

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance. During the course of his second year every Rhodes

Scholar will be invited to state whether he wishes to apply for a third year at Oxford, and, if so, what work he proposes to undertake. The Rhodes Trustees will not consider granting a third year unless (i) it can be shown that a third year is eminently in the interests of (a) the scholar's immediate studies and (b) his future career, and (ii) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £900 (sterling) a year. This stipend should be sufficient to enable a Scholar, with care, to meet his necessary expenses for term time and vacations, but those who can afford to supplement it to a modest extent from their own resources are advised to do so.

As from October, 1959, a Scholar *in his third year* may be permitted to marry without being deprived of his stipend. The regulations governing permission to marry will require evidence to be shown that the joint income of husband and wife is likely to be sufficient to keep them in adequate comfort, and that suitable accommodation has been found.

The scholarship makes no provision for the cost of the voyage to and from England.

#### METHOD OF APPLICATION.

Each candidate for a scholarship is required to make application to the Secretary of the Committee of Selection of the State in which he wishes to compete, using the prescribed application form, and furnishing the material therein specified. The closing date is September 1 each year.

Detailed information and forms of application may be obtained from the Secretary to the Rhodes Scholarship Selection Committee for South Australia, The University, Adelaide.

#### Awards.

For previous awards, see Calendars from 1913.

1966	Gibson, Edmund R. B.	1968	Award lapsed
1967	Doyle, John J.	1969	Phillips, Patrick J.

#### Shell Postgraduate Scholarships.

##### 1. Applied Science.

The Shell Company of Australia Limited, on behalf of the Shell Group of Companies in Australia, offers one scholarship tenable in the United Kingdom for postgraduate work in the applied sciences. The scholarship is designed to enable the holder, being a graduate, to undertake two years' postgraduate work at the University of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of the studies which the scholar intends to follow.

The scholarship is valued at £1,450 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within twelve months of the completion of the scholarship period, will be paid by the Shell Group.



Residence will normally be taken up in October of the year during which the scholarship begins. Allowances will be paid quarterly, the first instalment being paid on the first day of the term in which the candidate takes up residence at the University.

This scholarship is open to candidates who, being male British subjects, have been domiciled in Australia for the last five years and have taken with honours a first degree in Science or Engineering at an Australian university, and preferably have had at least one year's experience in research. Candidates should normally be under 25 years of age at the date of application, unmarried and not under bond or committed in any way to an employer.

## 2. Arts, Commerce, Economics, Law.

The Shell Company of Australia Limited offers one scholarship tenable in the United Kingdom at Oxford or Cambridge University. The scholarship is valued at £1,450 sterling per annum, plus passage.

Candidates must be eligible to complete a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University at the annual examinations in the year of competition. The scholarship is not available to those who completed the course in an earlier year. In addition, candidates must be male British subjects with at least five years domicile in Australia, under the age of 25 years, unmarried, not currently holding another scholarship for overseas study and free to accept an offer of employment with the Shell Company if such an offer is made and the candidate wishes to accept.

The successful candidate must select a course of reading which will lead to a Bachelor's degree with Honours in the two years.

## 3. Selection.

Selection of the candidate is made on behalf of the Shell Group by a committee comprised of senior members of the University staff and representatives of the Management of the Shell Company of Australia Limited.

Consideration is given both to academic ability and to achievements or distinctions which indicate that a candidate may ultimately have an important contribution to make to the community outside the purely academic field. State finalists are required to present themselves for medical examination at the Company's expense prior to visiting Melbourne for final selection in December.

## 4. Applications.

Applications for these scholarships should be made to the Staff Manager, the Shell Company of Australia Limited, in the capital city of the State in which the applicant resides by the 3rd October in the year of competition.

Special forms and further information are available from the Registrar.

Awards to Adelaide Candidates.

Applied Science:

- 1954 Brett, Horace W. W., B.Sc.
- 1955 McCarthy, Ian E., B.Sc.
- 1958 Hearn, Anthony C., B.Sc.
- 1961 Pascoe, Timothy L.

Arts:

- 1956 Schneider, Michael P., B.A. (Special Award).

Law:

- 1960 Kelly, David St.L., LL.B.

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**Colonial Office Appointments.**

Arrangements have been made with the Australian Universities to facilitate the appointment of graduates or others in the Colonial Service. These appointments are made by the Private Secretary (Appointments), Colonial Office, London, under the Secretary of State. The Central Committee of the Australian Universities may forward recommendations.

The services of main interest are the Administrative Services of East and West Africa; Medical Services; appointments in Agricultural departments, Education and Police; Survey, Geological and Financial departments.

The countries administered by the Colonial Services include the East and West African Colonies and Protectorates, Hongkong, Fiji and the West Pacific, Mauritius, the West Indies, etc., mainly within the tropics.

Apart from academic and technical attainments, the greatest importance is attached to character and personality. The qualifications necessary for recommendation may be considered as similar to those of an applicant for the Rhodes Scholarship in this State.

Further particulars may be obtained from Professor A. C. Castles, The University, Adelaide.

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## MISCELLANEOUS FORMS OF FINANCIAL ASSISTANCE

**The Gowrie Scholarship Trust Fund.**

(For details see above, page 333)

**Mining and Metallurgical Bursaries and Scholarships.**

The principal Australian base-metal mining companies have created a trust for the award of bursaries to selected candidates likely to enter the mining and metallurgical industries. A bursary is worth \$100.

A candidate must be a British subject and have completed or received credit for the first two years of the course for the degree of Bachelor of Engineering in Mining Engineering or in Metallurgical and Chemical Engineering, or for the degree of Bachelor of Science with Geology as a major subject.

Applications must be lodged with the Registrar of the University not later than March 31, and should contain evidence of personality and scholarship.

Awards are made only when there are candidates of sufficient merit. More detailed information can be had on request to the Registrar.

**Soldiers' Children Education Board.**

In the case of the child of a deceased or permanently incapacitated soldier whose education has been supervised by the Soldiers' Children Education Board or any other body approved by the Council and who has qualified for admission to the University, the Council at its discretion may remit all or any of the fees payable to the University.

**Commonwealth Public Service—Concession in Fees to Officers.**

Not more than four persons in each year being in the employment of the Government of the Commonwealth of Australia and being nominated by the Public Service Board of Commissioners may be admitted by the Council to the course for any degree (except the degrees of M.B. and B.S., B.D.S. and B.Mus.) or diploma (except the diploma in Music) recommended by the said Board upon paying one-half of the prescribed fees for lectures or examinations, provided that they shall otherwise comply with the regulations. Provided always that not more than twelve such persons shall enjoy the concession in any one year.

**State Public Service—Concession in Fees to Officers**

The Public Service Classification and Efficiency Board of South Australia may nominate in each year not more than twelve persons in the employment of the State Government of South Australia for admission to the course for any degree (except the degrees of M.B., B.S., B.D.S., and B.Mus.) or diploma (except the diploma of Music) upon payment of one-half the fees prescribed for lectures and examinations, provided that such students otherwise comply with the regulations. Preference shall be given, in making nominations, to students who have qualified for matriculation; and not more than thirty-six persons shall enjoy the concession in any one year.

### The A. R. Riddle Bequest.

In 1968 the late A. R. Riddle bequeathed the residue of his estate to the University of Adelaide as a fund to help indigent students who might otherwise be prevented by financial circumstances from completing their courses of study at the University. The income from the bequest will exceed \$2,000 a year.

The fund, which may be used to provide both loans and grants, up to half the annual income being available as grants, is administered by a committee comprising the Vice-Chancellor, the Registrar and the President of the Students' Representative Council.

Applications for loans and grants from the fund must be lodged in writing with the Registrar. Before submitting his written application, an applicant should interview separately the Warden of the Union and the Registrar. The application must set out the applicant's financial circumstances. There is no closing date for applications.

### Students' Loan Fund.

On the suggestion of Dr. Leon Jona, who contributed \$200, the Council has established a loan fund for the benefit of students in temporary financial difficulty. The fund is administered by a Board consisting of the Vice-Chancellor and the Registrar. A student contemplating an application for a loan should consult personally the Registrar, the President of the Students' Representative Council and the Warden of the Union. He must then submit to the Registrar a written application, which should be supported by a confidential letter sent direct to the Registrar by the Warden.

The Registrar furnishes a report annually to the Council in November, and the report does not include the name of any applicant.

### Scholarships at Other Australian Universities for which Adelaide Students or Graduates May Compete.

There are, in the University of Melbourne, a number of awards for which students or graduates of other Universities are eligible to compete.

They are:

- The Argus Research Scholarship in Engineering.
- The Grimwade Prize in Industrial Chemistry.
- The Harbison-Higinbotham Research Scholarship.
- The John Melvin Memorial Scholarship.
- The Ernest Scott Prize.
- The Stawell Scholarship.
- The David Syme Research Prize.
- The Arthur Sims Travelling Scholarship.

The regulations governing the awards listed above either specifically include members of other Universities in the field of eligibility, or clearly contemplate such inclusion. There are, however, a number of others which do not exclude competition by members of other Universities, and for which applications from such persons would be considered. Scholarships in this class are in the main awarded to enable the scholar to undertake research work in the University of Melbourne. They include:

The R. J. Fletcher Research Fund.  
The J. M. Higgins Research Foundation.  
The Kilmany Scholarship.  
The John Nevill Scholarship.  
The H. W. C. Simpson Research Scholarship.  
The Vacuum Oil Company Scholarship.

Similarly, in the University of Queensland, students or graduates of other Universities are eligible to apply for the Walter and Eliza Hall Scholarship in Economic Biology.

Particulars of the foregoing scholarships and awards may be found in the Calendars of those Universities; the Calendars may be consulted in the Office of the Academic Registrar.

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## PRIZES AWARDED ON PUBLIC EXAMINATIONS

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### Public Examinations in Theory and Practice of Music

#### REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

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### Licentiate in Music for Teachers and Executants

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

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## Public Examinations (Music) Scholarships and Prizes

## REGULATIONS

## Scholarships

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of \$100†, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

\*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Six Grade in the practice of music, and have also passed an examination in theory of music of the standard of the Fourth Grade at least, shall be eligible to compete for that awarded for the practice of music. The scholarships shall be awarded to the candidates showing the greatest musical promise at a special examination to be held in November or December each year. Candidates who are eligible must enter for the special examination on the prescribed form on or before 1st November, and sign an undertaking that they will accept the scholarship and conform to the conditions prescribed if elected. The fee for the special examination shall be \$1.05.

3. No candidate shall be eligible to compete for either of these scholarships who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium, or who has passed the first year of the course either for the Diploma in Music or for the degree of Bachelor of Music.

No person shall hold more than one of these scholarships at the same time, and a scholarship shall not be awarded a second time to the same candidate for the same subject.

4. The limits of age for candidates shall be as follows:

For Singing, Organ, and Violoncello	-	-	24	years
For Pianoforte and Violin	-	-	21	years
For Theory of Music	-	-	25	years

† Increased by Council to \$300 in 1966.

\* Allowed 16th December, 1948, and amended 14th December, 1950.

on the thirty-first day of December in the year in which the examination is held.

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

#### Prizes

8. Each year a sum of not more than \$110† will be awarded in prizes in the various grades of theory and practice of music, of musical perception, and of the art of speech, to candidates adjudged by the examiners as showing outstanding ability and promise. The recommendations shall be set out in a report by the examiners to the Music Examinations Board, which will make recommendations to the Council of the University.

9. The awards shall be distributed over as many grades as may be considered advisable with the object of encouraging promising pupils at all stages of the A.M.E.B. scheme.

\*10. No candidate shall be considered in these awards whose age is not given on the examination entry form. Unless in exceptional circumstance, prizes shall not be awarded in pianoforte or violin in the First, Second, Third, Fourth and Fifth Grades to candidates who have attained the ages of 10, 12, 13, 14 and 15 years respectively on the thirty-first day of December in the year of the examination. No candidate shall be awarded a prize more than once in the same grade.

11. If at any time it is deemed by the Board to be necessary a special examination will be held to decide an award.

#### Associate Prize

12. A prize of \$30 shall be awarded each year to the best South Australian candidate who passes as an executant in the Associate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for the year.

13. The prize shall not be awarded to the same person more than once.

† Increased by Council to \$220 in 1966.

\* Allowed December, 1948.

## Licentiate Prize

14. A prize of \$31.50<sup>†</sup> shall be awarded each year to the best South Australian candidate who passes as an executant in the Licentiate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for that year.

15. The prize shall not be awarded to the same person more than once.

Regulations 1, 3, 4, 5, 6 and 7 allowed 30th November, 1933. Regulations 8, 9, 11, 12 and 13 allowed 11th December, 1941.

## Awards

## SCHOLARSHIPS—

For previous awards, see Calendars from 1913.

- |      |                                 |
|------|---------------------------------|
| 1964 | Williams, Graham N. (Theory)    |
|      | Porter, Catherine M. (Practice) |
| 1965 | Holton, Trevor J. (Practice)    |
|      | No award (Theory)               |
| 1966 | Newcombe, Anthony L. (Practice) |
| 1967 | Lockett, David R. (Theory)      |
|      | Arthurson, John P. (Practice)   |
| 1968 | Schulz, Chester V. (Theory)     |
|      | Fairs, David (Practice)         |

## The Eva Lines Memorial Prize.

Whereas the late Eva Lines has bequeathed to the University the sum of \$1,000 for the purpose of founding a pianoforte scholarship (or prize) to be called "The Eva Lines Memorial Scholarship (or Prize) for Pianoforte," it is hereby provided that:

1. A prize to be called "The Eva Lines Memorial Prize" shall be awarded annually on the results of the Fifth and Sixth Grade September-October examinations in Pianoforte conducted in South Australia by the Australian Music Examinations Board.

2. To be eligible for the Prize, a candidate shall be under the age of seventeen years on the 31st day of December in the year in which the examination is held.

3. The Prize shall be awarded to the candidate who, being eligible, is considered by the examiners most worthy to receive the award.

4. The value of the Prize shall be \$30, or such other sum as the Council may from time to time determine.

5. The Prize shall not be awarded to any person more than once.

6. These rules may be varied from time to time by the Council, but the title and the purpose of the foundation shall not be changed.

## Awards.

For previous awards, see Calendars from 1959.

- |      |                      |      |                      |
|------|----------------------|------|----------------------|
| 1963 | Miller, Necia A.     | 1966 | Lewis, Susan M.      |
| 1964 | Lockett, David R.    | 1967 | Walter, Stephen      |
| 1965 | McSkimming, David G. | 1968 | Stefani, Wolfgang H. |

<sup>†</sup> Increased by Council to \$60 in 1966.



### The Angas Engineering Exhibition.

There are four exhibitions, each of the value of \$30 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive.

One exhibition is awarded each year to the candidate who, at the Matriculation examination, passes the whole examination and obtains the highest aggregate number of marks in the subjects — (1) English, (2) Mathematics, (3) Physics or Chemistry. The scale of marks shall be — English, 100; Mathematics, 200; Physics and Chemistry, 100. Candidates at the Matriculation examination who wish also to be candidates for the Angas Engineering Exhibition must give notice on a special form obtainable at the University Office. The last day of entry is the 1st October. Candidates who fail to give notice by the prescribed date may be permitted to enter on payment of a fee of 50c.

#### Awards.

For previous awards, see Calendars from 1904.

1961	Brooke, William J. L.	1964	Noble, Kenneth J.
1962	Colebatch, Phillip M.	1965	White, Ray G.
1963	Smith, Neil I.	1967	McCarthy, Stephen J.

### The Hartley Studentship

This studentship, of the value of \$50, was founded in 1898 by public subscription in memory of the late John Anderson Hartley, B.A., B.Sc., Vice-Chancellor of the University and Inspector-General of Schools of South Australia. It is awarded annually on the results of the Matriculation examination and is available for the B.A., B.Sc., B.E., LL.B., M.B., and B.S., B.D.S., or B.Mus. course.

For conditions, see Statute, Chapter XXII.

#### Awards.

For previous awards, see Calendars from 1911.

1963	Martin, Lynette R.	1966	Mills, Alice C.
1965	Wright, Peter J.	1967	Humphreys, Darryl G.

### The Thornber Bursary.

#### RULES

Whereas the old scholars of the Unley Park School have subscribed the sum of \$900 for the purpose of founding a bursary in memory of the late Catherine Maria Thornber, formerly principal of that school; it is hereby provided as follows:

1. A bursary for women students, to be called "The Thornber Bursary", shall be offered for award annually by the University.

2. The bursary shall be tenable for one year, shall be of the value of \$45, and shall be awarded to the candidate who secures at the Matriculation Examination the highest aggregate of marks in five subjects which must include English, a language other than English, and

a subject in Mathematics or the natural sciences. All subjects shall count as of equal value, and no award shall be made unless there is a candidate of sufficient merit.

3. Candidates for the Bursary must have received at least three years of their secondary education (including the year of competition for the Bursary) at one of the following schools in South Australia: Girton, Methodist Ladies' College, Presbyterian Girls' College, St. Peter's Girls' School, Walford Church of England Girls' Grammar School, Wilderness School, Woodlands Church of England Girls' Grammar School.

4. The successful candidate must have satisfied the requirements for entrance upon the degree course which she proposes to take at the University, and provided that she is at least seventeen years of age shall enter upon her course at the University as soon as possible after the award unless the University allow a delay for such reason and for such period as it may approve.

5. Payment of the bursary shall be made in three equal instalments, one at the beginning of each term of the year of tenure; provided that the second and third payments shall be subject to the bursar's work during the preceding term being satisfactory to the Dean of the Faculty concerned.

6. These rules may be varied from time to time, but the title and the general purpose of the endowment shall not be changed.

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## SOCIETIES ASSOCIATED WITH THE UNIVERSITY

Note: Enquiries as to the office-bearers of all student societies should be made of the Secretary of the University Union (Mr. R. Middenway).

### **Adelaide University Graduates' Union.**

A Graduates' Association was founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University. The Association was re-constituted in 1952 under the name of the Adelaide University Graduates' Union.

The objects of the Graduates' Union, as set forth in its constitution, are the following:—

- (a) to use its influence with the public and with the Government to procure such increase of the financial and other resources of the University as may be necessary for its fullest and most efficient development;

- (b) to secure publicity for the needs and the achievements of the University, and to promote recognition by the State of the services of the University;
- (c) to suggest new and desirable fields of University activity;
- (d) to act in aid of the Council of the University in matters affecting the physical, moral, and social welfare of undergraduates;
- (e) to use its influence to promote the social and cultural aspects of University life among the faculties, graduates and undergraduates, and to promote such other advances and reforms as may appear advisable in their interests;
- (f) to advocate such measures as may appear advisable to provide residential accommodation for undergraduates;
- (g) to assist graduates to obtain useful and profitable employment to the end that the services of the University may find their full expression in the practical life of the community;
- (h) generally to do all things incidental to, or which may have the effect of furthering, the above objects.

Membership is open to all graduates of the University or of any University recognised by the University and to all holders of a diploma or of a final certificate of the University upon payment of the annual subscription, which should be paid to the Secretary of the Adelaide University Graduates' Union at the University.

The Graduates' Union Committee is elected annually and consists of a President, a Vice-President and seventeen members.

The activities of the Graduates' Union, which are open to all members, have included an annual luncheon for new graduates, discussion meetings and social functions. Most of these events are held in the Staff Club Annexe, where luncheon and evening meal services are available. Members have also the right to use any of the University Union facilities.

The Graduates' Union publishes a "Monthly Newsletter and Gazette" to keep its members informed of University affairs.

#### Adelaide University Union.

The Union is the main social and cultural centre for University activities not specifically included in the academic syllabus. It endeavours to provide a common meeting ground for staff, graduates and students.

The objects of the Union are:—

1. to promote the intellectual culture of its members;
2. to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
3. generally to secure the co-operation of University men and women in furthering the interests of the University.

The affairs of the Union are conducted by the Union Council and various committees appointed by the Council: the Union House Committee, the Union Hall Committee, the Union Finance Committee, and the Union Planning and Development Committee.

The membership of the Union Council comprises:

(i) *Ex officio members:*

- (a) The Registrar of the University;
- (b) The Warden of the Union;
- (c) The Honorary Treasurer of the Union;
- (d) The President of the Sports Association;
- (e) The President of the Students' Representative Council; and

(ii) *Elected members:*

- (a) Two nominated by the University Council;
- (b) Two nominated by the Staff Association;
- (c) Two (one man and one woman) nominated by the Graduates' Union;
- (d) Three nominated by the Sports Association of whom at least two must be undergraduates;
- (e) Three nominated by the Students' Representative Council; and
- (f) Three members of the Union elected by the Union.

The major constituent bodies are:—(i) The Graduates' Union; (ii) The Students' Representative Council; (iii) The Sports Association. Each constituent body of the Union directs a considerable number of activities and may administer any number of subsidiary associations, e.g., societies, sports clubs, etc.

The Union buildings contain three large refectories and a coffee lounge. The Union Hall also contains a coffee lounge under the foyer. Three meals a day may be obtained starting with breakfast from 8.30 a.m. Light refreshments are available from 8.30 a.m. until 10.30 p.m. at either of the two coffee/milk bars in the Union and during the day also in the Union Cellar.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave \$19,000 to provide the Lady Symon Building for the Women's Union. His objects were to secure a common meeting ground and a social as well as an academic centre for women members of the University; to encourage the intellectual development of its members by discussions and debates, and otherwise to provide community and exchange of thought and foster the growth of a corporate spirit among University women; and to mark his own happy personal association with the early work of the University as a member of its Council and its active Committees for eight years.

In 1936 the Hon. Sir George Murray, K.C.M.G., Chancellor of the University, gave \$20,000 for a building for the Men's Union.

The original Union buildings were provided by gifts through a public appeal in 1927, and the cloisters between the refectory and the Lady Symon and George Murray Buildings are a war memorial to those students, graduates and members of staff who served in the Great War (1914-18).

A further public appeal launched in 1955 raised over \$200,000, and with a similar contribution by the University, the Union Hall was built and considerable extensions were made to the Union buildings, including a second dining hall, club rooms, and offices for the Union and the Sports Association. The original dining hall was named the Helen Mayo Refectory and the new dining hall the Wills Refectory.

The Union is about to embark on an ambitious development programme. This is likely to commence in 1970 and will ultimately transform the building. The Lady Symon wing and the George Murray wing will remain though their functions will in part be changed; the Cloisters will be retained though probably not in their present form and there will be considerable reconstruction south of the Cloisters.

The Union initiated in 1946 and sponsored until 1962 the University Health Service which was the first of its kind in Australia. Because of its development and growth the service is now housed in the Benham Laboratories, and its administration was taken over by the University at the beginning of 1963.

#### **Adelaide University Students' Representative Council.**

The Students' Representative Council is elected by students in August of each year. It is the co-ordinating body for all student activities and is a constituent member of the Adelaide University Union. Its main object is to foster a fuller and more vigorous student life, and it acts as a liaison body between student societies and organizations and the University Union and University authorities.

It publishes the student paper, "On Dit", the Union Diary, the Student Guide and an annual University magazine. It also organises the annual Commencement and Recuperation Balls and the Orientation Week activities.

The Students' Representative Council is a constituent of the National Union of Australian University Students which comprises the students of all Australian Universities with a membership of some 90,000. The National Union represents students in discussions with Commonwealth Government authorities, the Australian Universities Commission and the Australian Vice-Chancellors' Committee. Among its activities are a National Drama Festival, Intersity Debates and the Australian Universities Arts Festival. In addition, it organises the activities of Faculty Associations throughout Australia.

The Students' Representative Council Office is situated at the eastern entrance to the Cloisters.

#### **Adelaide University Sports Association.**

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, boxing and wrestling, rugby, soccer, men's basketball, badminton, judo, squash, winter pennant tennis, weightlifting, fencing, yachting, swimming, mountaineering, water skiing, women's tennis, women's hockey, women's athletics, women's cricket, women's basketball, snow skiing and surfing.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent clubs. The inter-University sports and the award of Blues are its special province.

The management of the Association is vested in a General Committee, consisting of a President, Deputy-President, Honorary Treasurer, Honorary Assistant Secretary, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, four representatives of the Colleges (one appointed by each of St. Mark's, St. Ann's, Aquinas and Lincoln Colleges), a representative appointed by the Students' Representative Council, a representative of the students enrolled for the Diploma in Physical Education, the honorary secretary of each amalgamated club, the Registrar or some permanent official of the University appointed by the Council and the Warden of the University Union ex-officio. There is also a permanent Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking a diploma or certificate of the University of Adelaide and who are members of the Adelaide University Union.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the ovals, the boats and boathouse, and the material used in the various games. The Association thus provides ample facilities for participating in an important aspect of student life.

### University Sports Grounds.

The Adelaide City Corporation leases a total area of about 44 acres of park lands to the University for use as recreation grounds by students taking part in the activities of the University Sports Association. All the area so leased is in constant use by the various clubs of the Association.

A boathouse and a pavilion were erected in 1910. Mr. Barr Smith gave \$1,500 for the erection of the boathouse, which in 1963 was extended and modernised by the University Sports Association at a cost of approximately \$16,000, and 12 donors (R. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, Sir George Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir Samuel Way, Bart.) gave \$200 each towards the erection of the pavilion. Many members of the University and other friends also subscribed to the fund for general purposes.

A footbridge across the River Torrens, provided in 1937 by the Misses Lily and Eva Waite, gives direct access from the Union buildings to the recreation grounds.

During 1965 the University pavilion was modernised and extended at a cost of approximately \$4,000 and in 1966 a new pavilion was erected on the Graduates Oval at a cost of \$14,000 and the "Park 9" ground further developed to provide ten lawn tennis courts, three hard tennis courts, a floodlit soccer ground, modern athletic facilities and a store room in addition to a pavilion erected in 1961, totalling a cost of approximately \$42,000.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval, a lacrosse and three hockey fields have been established on this ground, and modern changing rooms erected.

### **The Australian Student Christian Movement in The University of Adelaide.**

Founded 1890. Reorganised 1896.

The Student Christian Movement is a member body of the World Student Christian Federation.

The Australian Student Christian Movement welcomes into a community of study, worship and service all students, teachers and others who seek the truth by which to live.

The Aims of the Movement are:

- To worship God and serve him in His world, especially among students;
- to follow Jesus Christ and communicate His Gospel in word and act;
- to encourage radical testing of Christian faith and life;
- to strive for new truth and life within the academic community;
- to work for peace, justice and mutual aid among the nations;
- to share in the mission of the whole Church and seek its unity and renewal.

The Basis of the Movement is:

Faith in the living God—Father, Son and Holy Spirit—who makes Himself known to us through the Scriptures and in the life of the Church and the world.

The Movement arranges public lectures, seminars, and interest groups on matters of social, political or religious concern, as well as work camps and conferences, both local and national.

### **Adelaide University Anglican Society.**

The objects of the Society are to promote the mission of the Church in the University, to provide opportunities for corporate worship, study and discussion, and to co-operate with other religious societies. The Society endeavours to provide pastoral care for Anglican students and corporate worship is the basis of its life. Morning and Evening Prayer are said daily and the Holy Eucharist is celebrated every Friday morning at 7.40 followed by breakfast in the George Murray Common Room.

Evening tutorials and lunch-time meetings are held for the discussion of religious and allied topics, and prominent visiting and local speakers are obtained to give addresses on these occasions; there is a week-end conference in second term and a quiet day in third term.

The Society's programme includes a Freshers' camp, socials, and other opportunities for members to meet together.

All Anglican graduates and undergraduates are invited to share in the Society's activities and to set forward their Church's work and witness in the University.

Enquiries should be addressed to Miss Margaret Wallace, St. John's Rectory, 14 St. Johns Street, Adelaide. Telephone 23 2348.

#### Adelaide University Newman Society (formerly Aquinas)

The Newman Society is meant to be the focus of the Catholic Community in the University; but, in addition, it seeks to provide for the spiritual and social needs of all undergraduates. It is then concerned with the discussion of moral, philosophical and social problems, and the fostering of dialogue among all students who are similarly concerned.

Mass is offered each Monday and Friday evening in the Chapel at 5.15 p.m.; on Tuesday at 12.25 and on Wednesday and Thursday at 1.00. The Thursday Community Mass has become a highlight of each week's activities; non-Catholics interested in the ecumenical movement are especially invited to attend. An Inaugural Mass is celebrated during orientation week and a retreat is conducted towards the end of second term.

General meetings of the Society are held at about monthly intervals usually at Aquinas College. Prominent speakers address the Society and discussion is always lively. It has become a tradition of the Society that if a controversial issue is raised in the press, in the community or the University, then the Society holds a seminar at Aquinas College on that topic, with graduate and undergraduate members of the Society taking part. In addition, a large number of discussion groups exist within the framework of the Society, ranging from intense-study groups and spiritual formation groups to less formal regional discussion groups that meet in members' homes, usually on Sunday nights. The form and topics for these discussions is entirely up to the members though the Society Chaplains are always available for guidance.

Other activities include a Freshers' Camp and a Summer Camp organised by the Society in the long vacation, and other camps organised in conjunction with the Student Christian Movement and the University Catholic Federation of Australia. In addition, a wide range of social activities including the Freshers' Welcome, informal dances and special functions at Christmas and Easter make the Society's programme each year a full and varied one.

All interested undergraduates are invited to take part in these functions, and Freshers especially are urged to find out in Orientation Week where the Chapel and the Society's rooms are and to meet the Chaplain and as many members as they can.



### The Adelaide University Evangelical Union.

The Evangelical Union is an autonomous interdenominational fellowship of Christian students within the University. It is affiliated with the Australian Inter-Varsity Fellowship (I.V.F.), and is represented overseas through I.V.F. as part of the International Fellowship of Evangelical Students (I.F.E.S.). The objects of A.U.E.U. are to stimulate personal faith in the Lord Jesus Christ, and to further evangelistic work among students by upholding and proclaiming the fundamental truths of Christianity. Consequently, there is an emphasis on involvement with missionary work overseas. Members have a personal knowledge and faith in Jesus Christ as Saviour, Lord and God; and claim his knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges missionary meetings during term and occasional camps.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

### Lutheran Student Fellowship.

The objects of the Lutheran Student Fellowship are to gather together Lutheran graduates and undergraduates of the University, to foster in them an interest in, and a responsibility towards, their Church, and to give them an opportunity to discuss in the light of the Lutheran Faith, the problems common to University students.

Throughout the academic year, weekly discussion groups, evening meetings, student services, and week-end conferences (one in each term) are held. The highlight of the year is the interstate conference.

A special meeting for the welcome of Lutheran students entering University courses is held in the first week of every academic year.

### Adelaide Union of Jewish University Students.

The Adelaide Union of Jewish University Students (A.U.J.U.S.) was founded by Jewish students of this University in 1956.

The objects of A.U.J.U.S. are:

- (a) To foster cultural, spiritual, intellectual and general interests of the Jewish undergraduates of The University of Adelaide;
- (b) To promote goodwill and tolerance between Jewish and non-Jewish students;
- (c) To speak on behalf of Jewish students on all matters appertaining to them.

Meetings are held fortnightly and in addition a beginning of term service is held during the first week of every academic year.

All Jewish undergraduates are invited to take an active part in all the functions of A.U.J.U.S.

### Adelaide University Regiment.

Adelaide University Regiment is an Infantry Training Unit of the Australian Military Forces and is allied with the Royal Ulster Rifles of the British Army. In 1968 a Flinders University Company has been raised as one of the companies of AUR.

The main role of the Regiment is to produce Officers for the Citizen Military Forces in South Australia and it also offers military training to persons undertaking tertiary education. Its training programme is specially arranged to minimize the interference with University studies and activities. Students and members of any of the tertiary education establishments, Adelaide University, Adelaide Teachers College, Bedford Park Teachers College, Flinders University and South Australian Institute of Technology, are welcome to join the Regiment.

The training requirement is basically two nights a month, two week-end bivouacs, two one-day parades in the period February to July, culminating in a twenty-three-day period of continuous training in January. Additional training may be undertaken in various courses, including ones for promotion, which are mainly held in the vacations. Members of the Regiment may also attend interstate Army Schools in Victoria, New South Wales and Queensland or may be attached to Regular Army Units, including PIR in New Guinea.

AUR is based at Torrens Training Depot. The Commanding Officer is Lieutenant-Colonel E. H. Barnard-Brown, E.D., and the Adjutant is Captain V. Yarlett.

### South Australian University Squadron

The South Australian University Squadron was formed in 1951 and is a Citizen Air Force Unit within the Royal Australian Air Force. The object of the Squadron is to provide the Air Force with a reserve of specialist officers who are University graduates.

Students are enlisted into the Squadron with the rank of Cadet Officer and carry out 56 days' training spread over two years. On successful completion of this training they graduate from the Squadron with the provisional rank of Pilot Officer, which is confirmed when the student is admitted to his degree or diploma in the University of Adelaide.

Training normally consists of 14 days' home training and 14 days' continuous training a year. Continuous training is carried out at a Permanent Air Force Base. Home training parades are held on Tuesday evenings during the three academic terms and other parades are arranged as required to give Cadets ample opportunity to fulfil their attendance requirements without adversely affecting their University studies.

While undergoing training, a Cadet is provided with uniforms and receives remuneration at existing service rates of pay.

On graduation, members are placed on the R.A.A.F. Reserve for five years and may apply for appointment in the Permanent Air Force, or the Air Force Emergency Force. Employment on a part-time basis may be available as instructors with the Air Training Corps, Citizen Air Force Auxiliary Squadron or the University Squadron. Service with the Squadron entitles a member to *deferment* of National Service obligations. Confirmation of the commission will *exempt* a member from National Service.

The R.A.A.F. Reserve is the inactive component of the Citizen Air Force. It is composed of enrolled members who have no obligation for part-time service and may only be called up for service in time of war or Defence Emergency. So far as members or ex-members of the University Squadrons are concerned, consideration would be given to the effect mobilisation would have on their professional commitments.

All enquiries regarding enlistment should be addressed to the Commanding Officer, South Australian University Squadron, R.A.A.F., Citizen Air Force Centre, 155 Barton Terrace, North Adelaide, S.A. 5006. The present Commanding Officer is Squadron Leader E. I. Lane.

#### The Adelaide University Postgraduate Students' Association.

This Association was granted official recognition by the University Council early in 1969. Its objects are generally to represent, and to promote the interests of, postgraduate students in the University; and it nominates six members of the Council of Kathleen Lumley College: the Association's President (*ex officio*), three members of the academic staff of the University, and two of its members who are not residents in the College. Ordinary membership includes graduates proceeding to higher degrees and postgraduate diplomas; final-year Honours students, postdoctoral fellows and members of the academic staff may be elected as Associate members. A representative of the Association may be found in each department of the University amongst the postgraduate students in the department.

#### Dental Students' Society of the University of Adelaide.

This Society was founded by students in 1919.

Objects of the Society:—

- (a) to establish and maintain the students' interest in their own profession, with a view to securing their future success as practitioners;
- (b) to promote and conserve the rights of *bona-fide* dental students;
- (c) to preserve the principles of dental ethics;
- (d) to develop, by interchange of ideas, habits of close observation and investigation;
- (e) to cultivate the pleasure derived from personal contact with fellow-students.

General meetings of the Society are held once a month.

Undergraduates of the University studying for the B.D.S. degree are eligible for membership.

**Adelaide University Law Students' Society.**

The objects of the Society are:—

- (a) to discuss or debate or otherwise deal with any topic of interest to law students;
- (b) to conserve or advance the interests of law students in matters touching their University life or professional career;
- (c) to advance the interests of law students in sport.

Any undergraduate in law or student at law at the University of Adelaide is eligible to become a member of the Society.

The annual general meeting is held shortly after the beginning of lectures; all new law students and intending members are cordially invited to be present.

Ordinary meetings are held on a number of occasions, and precede debates on hypothetical cases argued formally as in courts of law. The debates are set by members of the profession, who preside at the debates and discuss the questions of law involved.

**The Adelaide Medical Students' Society.**

This Society was founded in 1889. Its chief objects are to further the interests of medical work among students and to promote social intercourse among its members. Six general meetings are held a year, from March to September inclusive, at which papers written by students and graduates are read and discussed, and five clinical meetings at which medical and surgical cases are presented. Various periodicals of interest are taken by the Society, which also publishes its own "Review."

The medical students' ball and dinner are held annually under the auspices of the Society, which also arranges certain sporting fixtures.

All students of medicine of the Adelaide University are eligible for membership, the annual subscription being one dollar (pre-clinical students) and one dollar fifty cents (clinical students). The officers are elected at the first meeting of the year.

**Adelaide University Pharmaceutical Students' Association.**

This Association was founded in November, 1923.

Objects:—

- (1) to promote good-fellowship amongst its members;
- (2) to foster interest in pharmaceutical science;
- (3) to provide for lectures, papers, demonstrations, and discussions in any branch of pharmaceutical science.

Membership is open to all students of pharmacy taking lectures or examinations at the University. Meetings are held monthly.

Officers are elected at the first meeting of the year.

**Adelaide University Science Association.**

The Association was formed in 1891 for the purposes of bringing into closer contact students and others connected with the University who are interested in the various branches of Science, and promoting within the faculty a greater corporate spirit and a wider interest in Science.

Activities held throughout the academic year include lunch-hour talks, a discussion week-end, the annual dinner, the science ball, special orientation activities, excursions and other social functions.

Membership is open to graduate, undergraduate, and non-graduating students in the Faculty of Science. All such students are invited to attend meetings and to join the Association.

#### **Adelaide University Agricultural Science Association.**

Graduates and undergraduates in the Faculty of Agricultural Science and undergraduates of Forestry and Veterinary Science are entitled to full membership in this Association; Associate membership, entailing half fees and all privileges of full membership except the proposing of and voting on motions, is open to all other undergraduates of the University.

The objects of the Association are to encourage a broad interest in agriculture amongst the members, and to foster *esprit de corps* within the faculty.

#### **Adelaide University Engineering Society.**

The society was formed by Engineering students in 1919, and officially recognised by the University in 1920.

The main objects of the society are:

- (a) To promote the welfare and further the interests of the members of the faculty;
- (b) To establish a means of communication between the members of the society and the faculty;
- (c) To further the social life and intellectual culture of the members.

Membership of the society is open to all students in the Faculty of Engineering.

The Engineering Students' Ball and Dinner are held annually under the auspices of the society, which also promotes other cultural and social functions during the year, including a car trial, barbecue and staff-student golf day and dinner.

#### **Adelaide University Architectural Society.**

The objects of the society are to afford a recognised means of communication between the students of the University School of Architecture, the Architectural Association of the South Australian Institute of Technology and the South Australian Institute of Architects; to conserve and advance the interests of students in matters touching their University life or professional career; and to promote interest in sport and social events.

#### **Anthropological Society of South Australia.**

The Society was formed in June, 1926. Its object is the study of Anthropology with special reference to (1) knowledge of the aborigines of Australia and (2) their preservation.

The Society consists of ordinary members, honorary life members, life members and honorary corresponding members. All those interested in Anthropology are eligible; new members must be nominated by two members and are elected by ballot.

Meetings are held monthly, except in December, January and February at the University.

President: Mr. D. R. Currie, c/- South Australian Museum.

Hon. Secretary: Mr. R. D. J. Weathersbee, c/- South Australian Museum.

#### **The Classical Association of South Australia.**

Patrons: Professor J. A. FitzHerbert, Dr. J. J. Bray.

President: Professor J. R. Trevaskis.

Vice-President: Mr. R. W. Garson.

Hon. Secretary: Mr. J. H. Church, Adelaide Teachers' College, Kintore Avenue, Adelaide.

The object of the Association is to promote and sustain interest in the classical civilizations of Greece and Rome. Talks are presented on a variety of topics during the year.

Membership is open to all who are interested in Classical studies. Enquiries should be addressed to the Secretary.

#### **Adelaide University Linguistic Society.**

The Society was founded in 1959 as the Adelaide Linguistic Society and was affiliated with the University in 1961.

The object of the Society is the study of language from a descriptive rather than prescriptive point of view. Languages in their various aspects are discussed either individually or comparatively, over as wide a field as practicable. During University terms, the Society holds monthly meetings, at which there is an address, followed by discussion among members. Every summer vacation members may attend special classes in a language, given for two hours twice a week by a member. There is no charge.

The Committee consists of a President, a Secretary and representatives of the Classics, English, French, German and Philosophy Departments. Membership is open to all language enthusiasts. Any enquiries should be addressed to the Secretary.

President: Mr. D. A. Hester, M.A.

Honorary Secretary: Mr. R. W. Garson, B.A., The University of Adelaide, (after June, 1969).

#### **The Economic Society of Australia and New Zealand (South Australian Branch).**

The Society was founded as a result of a resolution of Section G of the Australasian Association for the Advancement of Science at its Adelaide meeting in 1924. The South Australian Branch was founded at the University on 21st August, 1925.

Its chief object is the advancement of economic knowledge by

- (a) the publication of research work;
- (b) the discussion of economic problems.

The Central Council of the Society publishes a journal four times a year called *The Economic Record*.

The Society holds about six meetings a year, at which lectures are given, papers are read, or discussions on current economic topics are held. Questions are invited at the conclusion of all lectures, and discussion is encouraged on every occasion. The annual meeting is held in October.

The annual subscription is \$7 for ordinary members and \$5 for student members. Members receive a copy of each number of *The Economic Record*; members may also receive a copy of *The Australian Quarterly* or *The Economic Journal* on payment of an additional fee of \$1.60 for *The Australian Quarterly* and \$4.50 for *The Economic Journal*.

President: Professor G. C. Harcourt, M.Comm., Ph.D., The University.

Honorary Secretary: Mr. D. B. Hughes, B.Sc. (Econ.), Flinders University.

Honorary Treasurer: Mr. J. H. Hatch, B.A., The University.

### The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time to discuss communications by members.

*The Australian Journal of Experimental Biology and Medical Science* was founded by the Club in 1924, but since its endowment in 1926 by Sir Joseph Verco, responsibility for the Journal has been accepted by the University.

Meetings are held at 8 p.m. in the Department of Human Physiology on the second Friday of every month, March to December inclusive, except those which fall on a public holiday, and at such other times as the committee may decide.

The members of the executive committee, consisting of the President, Vice-President, Secretary and Treasurer, and five Councillors, are elected by nomination and ballot at the first meeting of each year. The amount of the annual subscription is \$2. Members receive *The Australian Journal of Experimental Biology and Medical Science* if they desire it, on payment of an additional fee of \$7. The subscription to the Journal for non-members is \$15 per annum.

New members must be proposed by two members in writing to the Secretary, and such nominations, after approval by the committee, are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor D. Rowley, M.D., Ph.D.

Vice-President: Professor A. M. Clark, M.Sc., Ph.D.

Hon. Secretary: Dr. R. H. Symons, B.Ag.Sc., Ph.D.

Hon. Treasurer: Miss B. J. Dennis, M.Sc., Ph.D.

### The Australian Journal of Experimental Biology and Medical Science.

This Journal was founded in 1924 by the Medical Sciences Club for the purpose of publishing the results of original work in sciences ancillary to medicine. The pioneering work in connection with the establishment of the Journal was done mainly by the late Professor T. Brailsford Robertson, who was also its first editor.

The Journal was financed originally by a grant from the University and from the revenue of the Club, but as the scope of the Journal extended, further finance became desirable. In 1926 Sir Joseph Verco made a gift to the University ". . . to be applied to or towards the encouragement of research in the medical sciences and the promotion of education therein within the University by maintaining or supporting the publication of *The Australian Journal of Experimental Biology and Medical Science* or such other journal established or to be established for the same or similar purposes or for the publication of research work in the said sciences in such other manner as the Council may determine. . . ." The University then assumed responsibility for the Journal, the Medical Sciences Club maintaining a general interest in it.

The Editorial Board consists of local and interstate experts. There is also a Management Committee in Adelaide to supervise the finances of the Journal.

The Journal publishes papers which embody results of original research of an experimental nature in biochemistry, genetics, immunology, experimental medicine and surgery, microbiology, pathology, parasitology, pharmacology, and physiology.

The Journal is issued every two months and the subscription is \$15 a year.

Editor-in-Chief and Chairman of the Management Committee: Professor D. Rowley, M.D., Ph.D.

### Adelaide University Theatre Guild.

The Guild has had a continuous existence since it was founded in 1938, and it was granted formal recognition as a society associated with the University in 1962.

The Adelaide University Union has also formally recognised the Guild by granting it representation on the Union Hall Committee.

The objects of the Guild as set out in its constitution are:

- (a) The production and study of plays of literary value, historical plays, plays about current ideas and events, and plays showing the development of the theatre;
- (b) The study and practice of the arts and crafts of the theatre.

Membership of the Guild is open to graduates, undergraduates, and to the general public; but only those members who are graduates of a university recognized by the University of Adelaide, or who are members of the University staff, are entitled to vote for, or hold, the eight places on the Board of Management. The Board may co-opt three other members.



Annual subscription at special rates is available to undergraduates.

Chairman: Dr. Peter Miles, Entomology Dept., Waite Agricultural Research Institute.

Secretary: c/o The University. (23 4333 — Extension 2407.)

### The University Music Society

The University Music Society was founded in 1954. It was granted formal recognition as a Society associated with the University in 1963.

The management of the Society is vested in a committee appointed annually by the Faculty of Music. Funds which may accrue to the Society through subscriptions are under the control of the Management Committee, and the Committee is vested with the power to use such funds for whatever purposes it deems fit. The annual subscription for membership is determined by the Management Committee.

The aims of the Society are:

1. Through the Elder Conservatorium of Music and its staff, to develop and foster the enjoyment of music generally.
2. To arrange recitals and to hold meetings and discussions.
3. To create within the University a body designed to bring together graduates, undergraduates and staff members of the University on a series of occasions throughout the year with a view to their finding a common delight in the study and the performance of music.

Hon. Secretary: J. L. Porter, Elder Conservatorium of Music.

### The Adelaide University Wives' Club

The Adelaide University Wives' Club has been in existence for more than thirty years. Its main objects are to make wives of new members of the University staff welcome, and to provide a meeting ground for all members. The activities of the club include:

- (a) Approximately six general meetings per year;
- (b) An information bureau and welcoming programme for new members;
- (c) Luncheons in small groups, involving all members of the club at least once a year;
- (d) A literary group;
- (e) A current affairs group;
- (f) A newcomers group.

The Wives' Club is managed by a committee and more information for 1969 can be obtained from the President, Mrs. D. I. B. Kerr (63 1477), or the Secretary, Mrs. D. J. Greenland (71 6625).

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## ANNUAL REPORT FOR THE YEAR 1968

To His Excellency Major-General Sir James Harrison, K.C.M.G.,  
Governor in and over the State of South Australia:

The Council of the University of Adelaide has the honour to present  
to Your Excellency the following report for the year 1968:

### 1. INTRODUCTION

The University's financial resources during the year necessitated its merely holding its ground in many respects and losing some ground in others, especially in support for postgraduate training and research.

There was some reduction in the number of undergraduates, but the proportion of students taking advanced level work in relation to those taking lower level work increased. These changes arose through the policy decision imposed by the Australian Universities Commission that the University should, as far as practicable, discontinue subgraduate diploma courses during the 1967-69 triennium and through the imposition of quotas on new admissions to all courses in the University (although the quotas did not cause the rejection of a significant number of qualified applicants for admission to Bachelor degree courses). There were no new admissions to the diploma courses in Arts and Education, Music, and Public Administration. Enrolments of full-time candidates for the postgraduate diplomas in Education and Computing Science increased.

So far as research and postgraduate training was concerned, the University had to continue the practice forced upon it in 1967 of not filling posts of Senior Research Fellow and Postdoctoral Fellow as they became vacant.

Staff establishment remained essentially static, new posts being created only in those sections of the University in which student numbers necessitated additional staff as an urgent matter.

A new matriculation statute was adopted. The principal features of the new statute are: (a) English is no longer a compulsory subject; (b) there are only two groups of subjects, a candidate for matriculation being required to present at least one subject from each group, and (c) the qualification for matriculation will in future be a minimum aggregate of scaled marks on a candidate's best five subjects at the Matriculation Examination.

The outstanding academic development within the University was the establishment in the Faculty of Science of unit courses in third-year subjects for the Ordinary degree of Bachelor of Science. Basically, the scheme is that a student must present twelve third-year

units with a minimum of six units in one subject. Each third-year subject contains more than six units so that a student has some degree of choice amongst those aspects of the subject in which he is most interested; and he is able, if he wishes to do so, to take a preponderance of the twelve units in the one subject.

The University held Open Days on May 31 and June 1; and it is estimated that some 20,000 members of the public attended the display of the University's facilities and work. Naturally the scientific departments with their laboratories, equipment and demonstrations were able to attract the greatest public interest; the departments in the Faculties of Arts, Law and Economics, for example, are unable to provide displays comparable with what the laboratory departments can do. But such absence of display should not obscure their equal importance in their teaching and research work.

## 2. THE COUNCIL AND THE SENATE

In November, Sir Kenneth Wills relinquished the office of Chancellor, and the Council appointed the Chief Justice, the Hon. J. J. Bray, one of its distinguished graduates in Law, as the new Chancellor.

Sir Kenneth Wills had rendered invaluable service to the University from the time that he had first become a member of the Council in November, 1945. In concluding his remarks at the end of the last meeting of the Council over which Sir Kenneth presided, the Vice-Chancellor said: "No one has given greater service to the University than Sir Kenneth Wills. He has been a source of inspiration and encouragement to many. The University is greatly in his debt; and the thanks of the whole University go to him."

The office of Deputy Chancellor had been vacant since Sir Kenneth's election to the office of Chancellor in October, 1966. In April the Council elected the Rev. Dr. W. F. Hambly, Master of Lincoln College and a member of the Council since 1954, as Deputy Chancellor for a term of three years.

In July, Mr. Mervyn K. Smith, F.R.C.S., was elected by the Senate to fill the vacancy on the Council caused by the resignation of Sir Henry Basten. In November, Mr. J. R. Dridan retired and Dr. A. W. Wall resigned. Professor J. G. Cornell, Mr. J. A. Dunning and Mr. S. J. Jacobs retired from the Council by effluxion of time, and an additional vacancy arose through the retirement of Sir Kenneth Wills. The Council re-elected Professor Cornell, Mr. Dunning and Mr. Jacobs and elected Miss V. T. Baddams, Professor F. B. Bull and Professor R. B. Potts to fill the six vacancies.

In July the Senate elected Mr. Warren M. Rogers as Warden in succession to the late Dr. R. G. Willoughby; in November it re-elected Mr. Rogers as Warden and Mr. H. E. Wesley Smith as Clerk. Four vacancies on the Standing Committee of the Senate were filled in November by the election of Dr. J. R. Casley-Smith, Mr. O. G. Jones, Dr. E. H. Medlin and Dr. A. W. Wall.

## 3. STAFF DISTINCTIONS

The Fairchild Planar Award for 1968 for outstanding achievement in the field of electronics was awarded jointly to the Physics Department and the Weapons Research Establishment for the WRESAT Satellite Project. Professor R. N. Robertson received the distinction of C.M.G. in the Birthday Honours List in June; Professor C. M. Donald was elected a Fellow of the Australian Academy of Science; the Vice-Chancellor (Professor G. M. Badger) was appointed Secretary (Physical Sciences) of the Academy; Professor E. A. Rudd was awarded the 1968 Medal of the Australian Institute of Mining and Metallurgy; Professor H. G. Andrewartha was awarded the Clarke Medal of the Royal Society for distinguished work in the Natural Sciences done in the Australian Commonwealth or its territories; Dr. J. H. Bowie, Lecturer in Organic Chemistry, was awarded the Rennie Memorial Medal of the Royal Australian Chemical Institute.

## 4. DEATHS

The Council records with regret the deaths during 1968 of the following members and friends of the University:

Lord Florey of Adelaide and Marston who graduated in Medicine from the University in 1921 and was South Australia's Rhodes Scholar for 1922. A Nobel Prize winner for his work on the clinical application of penicillin, Lord Florey was President of the Royal Society from 1960 to 1968, and Provost of Queen's College, Oxford, and Chancellor of the Australian National University, at the time of his death.

Mr. J. K. Powrie, Senior Lecturer in Agronomy at the Waite Agricultural Research Institute since 1962. The esteem in which Mr. Powrie and his work were held is shown by the action of a group of landholders in the South-East in launching an appeal to enable the establishment of a reserve near Keith to be known as the Kelvin Powrie Memorial Reserve.

Sir Tom Barr Smith, one of Australia's leading philanthropists, who in 1953 gave \$30,000 to provide the Barr Smith Travelling Scholarship in Agriculture in memory of his father, and in 1962 gave a similar sum to establish the Lady Barr Smith Memorial Fund for cancer research.

Dr. R. G. Willoughby, Warden of the Senate of the University since 1960. A fund has been established by Dr. Willoughby's colleagues and friends to perpetuate his name by endowing a scholarship tenable in the University.

Mr. L. A. Whittington, who was a part-time lecturer in the law relating to companies, partnership, bankruptcy and divorce from 1938 to 1961.

Mr. J. E. Kelly, who was a part-time lecturer in the law of property on several occasions and was co-examiner in the law of property at the time of his death.

## 5. RETIREMENTS

Three members of the staff retired at the end of 1968:

Professor W. G. K. Duncan, Professor of Politics from 1951; Dr. R. J. Best, Reader in Agricultural Biochemistry and Soil Science, after 41 years' service at the Waite Agricultural Research Institute; Mr. Harold Fairhurst, Senior Lecturer and Teacher of Violin in the School of Music, after 16 years' service. The Council conferred the title Professor Emeritus on Professor Duncan.

## 6. RESIGNATIONS

The following resignations became effective during or at the end of the year:

Dr. J. S. Charnock, Senior Lecturer in the Department of Surgery, to become an Associate Professor in the University of Alberta, Canada; Dr. J. T. Gilchrist, Reader in History, to become Professor of History in the University of Trent, Ontario, Canada; Mr. G. Herbert, Reader in Architecture, to return to the service of Israel; Professor B. S. Hetzel, Gwendolyn Michell Professor of Medicine, to occupy the Foundation Chair of Social and Preventive Medicine at Monash University; Dr. J. Stephenson, Lecturer in Mathematics; Dr. R. Vyborny, Senior Lecturer in Mathematics, on appointment as a Professor of Mathematics in the University of Queensland; Dr. S. H. Lovibond, Reader in Psychology, on appointment to a Chair of Psychology in the University of New South Wales; Mr. R. N. Speden, Senior Lecturer in Human Physiology and Pharmacology; Dr. R. B. Walker, Senior Lecturer in History; Mr. L. J. Opit, Reader in Surgery; Mr. R. B. King, Senior Lecturer in Mechanical Engineering; Mr. F. D. W. Van Zyl, Senior Lecturer in Architecture.

## 7. APPOINTMENTS

The following appointments were made during the year:

*Professors:* Mr. D. M. Boyd, a graduate of Glasgow University and formerly Chief Geophysicist with the British consulting firm of Hunting Geology and Geophysics Ltd., to the chair of Geophysics established within the Department of Economic Geology with support for the first three years from the mining and mineral exploration industry;

Dr. G. C. Duncan, Senior Lecturer in Politics at Monash University and Victorian Rhodes Scholar for 1959, to the Chair which became vacant on Professor W. G. K. Duncan's retirement;

Dr. F. G. Jarrett, Reader in Economics, to the George Gollin Chair of Economics vacated by the resignation of Professor H. F. Lydall at the end of 1967. At the time of his appointment Dr. Jarrett, a specialist in agricultural and quantitative economics, was serving in Pakistan with the Harvard University Advisory Service;

Professor J. Ludbrook, Professor of Surgery in the University of New South Wales, to the Chair of Surgery in succession to Professor R. P. Jepson;

Dr. Clyde Manwell, of the Marine Biology Laboratory, Plymouth, England, to a vacant Chair of Zoology;

Dr. Anders G. Wangel, Senior Lecturer in Medicine since 1967, to the Gwendolyn Michell Chair of Medicine in succession to Professor B. S. Hetzel.

Mr. H. Stretton, Professor of History since 1954, relinquished his Chair and accepted appointment as Reader in History in order to give his full time to teaching and research.

*Readers:* Dr. E. G. Cleary, Pathology; Dr. A. M. Snoswell, Agricultural Biochemistry and Soil Science; Dr. R. G. Elmslie, Surgery.

*Senior Lecturers:* Mr. H. Parsons, Architecture; Dr. C. E. M. Pearce, Mathematics; Dr. D. A. Ratkowski (Senior Lecturer-in-Charge), Biometry Section, Waite Institute; Mr. B. L. Reynolds, Microbiology; Mr. J. J. Williamson, Dentistry; Dr. M. C. Spencer, French; Dr. A. H. Slavotinek, Surgery.

*Lecturers:* Dr. A. M. Alston, Agronomy; Mr. R. A. Both, Economic Geology; Mr. R. Catley, Politics; Mr. P. J. Corkery and Mr. D. C. Eva, Architecture; Dr. L. R. Dodd, Mathematical Physics; Mr. R. J. Clarke, Dr. I. Fris and Mr. B. J. Noye, Mathematics; Dr. B. W. Gabb, Genetics; Dr. C. F. Jenner, Plant Physiology; Dr. H. Levenbach, Statistics; Mr. J. L. C. Macaskill, Computing Science; Mr. R. F. Newbold, Classics; Mrs. F. M. Pearce, English; Mr. J. W. Randles, Plant Pathology; Mr. M. Simons, Education; Dr. M. J. Story, Chemical Engineering; Mr. C. H. Yen and Mr. J. F. McGregor, History; Dr. J. R. Patterson, Physics; Dr. R. Sinclair, Botany; Mr. Richard Meale, Music.

Visiting Composer in the School of Music for 1969: Dr. Jindrich Feld.

## 8. RESEARCH

The total sum available to the Research Executive Committee for the support of general research by staff-members and the training of postgraduate students was \$544,000. In accordance with the policy of not filling Research Fellowships as they became vacant, which the Committee had been compelled to adopt in 1967, of the 13 post-doctoral fellows and 5 senior research fellows supported by the research grant in 1966 only one in each category remained in 1968. On the other hand, the number of postgraduate students supported by the research grant increased from 65 in 1966 and 71 in 1967 to 100. No increase in the stipends and allowances for postgraduate students over the 1966 rates was feasible. It was also necessary for the Committee to impose firm limits on the period of tenure of postgraduate scholarships. The periods were two years for a scholar proceeding



to a degree of Master and a maximum of four years for a scholar proceeding to the Ph.D. degree. These periods coincided with the periods applicable to holders of Commonwealth Postgraduate Awards.

During 1968 members of the staff were allocated grants totalling \$386,238 in support of 83 separate projects by the Australian Research Grants Committee. This total was second only to that of the University of Sydney and represented about 13 per cent of the total A.R.G.C. grants to universities and other research institutions in Australia. The grants to members of the staff of the University of Adelaide were distributed as follows: 14 projects in the physical sciences attracted grants totalling \$107,133; 18 projects in the chemical sciences, \$57,191; 36 projects in the biological sciences, \$182,647; 3 projects in Engineering and Applied Science, \$8,032; and 12 projects in the Humanities and Social Sciences, \$31,235. In addition, grants totalling \$897,980 to support research projects were received from 66 bodies other than the Australian Research Grants Committee.

These grants are the very life-blood of those members of the staff most actively engaged in research. In some cases they support research projects which are used, as a by-product of the research itself, for the training of postgraduate students; when there is no such direct relevance to postgraduate students they nevertheless provide an indirect influence on those postgraduate students working on other research projects with the staff-members concerned.

#### 9. GIFTS AND BEQUESTS

The Council acknowledges with pleasure and gratitude the following gifts and bequests during the year:

An anonymous donation of \$30,000 for the Medical School; \$126,795 from the estate of Miss Hilda Farmer for medical research; approximately \$53,000 from the estate of Arthur Raymond Riddle for the purpose of creating a loan or grant fund for the benefit of students in financial difficulties; \$2,000 from Dr. Adrian Basser for use by the Department of Pathology; \$2,000 from the estate of Marion Alice MacFarlane for the purposes of the Anti-Cancer Foundation; \$5,856 from the estate of John Henry Forsyth for cancer research and research associated with tuberculosis; \$1,000 from the estate of H. K. Fry to found a prize in Psychological Medicine; \$1,000 from the estate of Ena Beatrice Faith Lewcock to found the Ena Orrock Lewcock Award in Botany.

Two gifts of books to the University's Barr Smith Library must also be acknowledged here. On behalf of his government the Canadian High Commissioner (Mr. A. R. Menzies) presented a valuable collection of 350 books dealing with various aspects of Canadian life; and the Consul for Switzerland (Mr. C. Mähring) presented, on behalf of the Pro Helvetia Foundation, a collection of books by Swiss authors.

The graduates of the University, through the Graduates' Union Fund, provided the University with a much-needed Multilith 85 offset printing machine.

## 10. BUILDINGS

The University's modest building programme for the 1967-69 triennium proceeded during the year with the completion in July of Stage I of the proposed new Library Complex at a cost exceeding \$400,000. The new building contains the Horace Lamb Lecture Theatre for Mathematics and Statistics, and provides accommodation for the Faculty of Architecture and Town Planning, a few staff studies for several nearby departments, and some additional space for the Library.

Progress on the first stage of the extensions to the Physics Building was handicapped by adverse weather (building work began in April) and the extensions were not ready for occupation until March, 1969.

The first stage of the Kathleen Lumley College for postgraduate students was completed in October and accommodates 32 men and women resident students. It will serve as a social, cultural, educational and recreational centre for all postgraduate students, not only those in residence.

## 11. STATUTES AND REGULATIONS

Chapter VII, Of the Seal of the University, and Chapter IX, Of Matriculation, were replaced by new Statutes, and amendments were made to Chapter X, Of the Faculties; Chapter XI, Of Degrees; Chapter XXIV, Of Non-Matriculated Students; and Chapter XXV, Miscellaneous. Chapter XXXV, Of the Bunday Prize for English Verse, and Chapter XLIV, Of the Animal Products Research Foundation, were repealed and replaced by rules made by the Council.

The regulations governing the degree of Master of Laws were repealed and replaced by new regulations, and amendments were made to the regulations governing the degrees of Master of Business Management and Master of Education, the Diploma in Physical Education, and Public Examinations.

## 12. STATISTICS

*Numbers of Students:* The total number of students was 8,883, a decrease of 284 on the enrolment of the previous year. Higher Degree enrolments, however, continued to rise, attaining a record level of 747.

The tendency towards a greater proportion of full-time enrolments was continued in 1968 when these enrolments represented 61.1 per cent of the total, or, excluding the Elder Conservatorium of Music 63.2 per cent.

The composition of the student body is shown in the following table:

	Males	Females	Total	%
Full-time .. .. .	4,090	1,337	5,427	61.1
Other .. .. .	2,315	849	3,164	35.6
Elder Conservatorium .. .. .	121	171	292	3.3
Total Students .. .. .	6,526	2,357	8,883	100

*Distribution into Courses:*

Each student is counted once only—in the category appropriate to his principal course. The figures in brackets refer to the numbers of females included in the totals.

## A. Higher Degree Candidates:

	Higher Doctor			Ph.D.			Master			Total			
	F/T	P/T	Staff	F/T	P/T	Staff	F/T	P/T	Staff	F/T	P/T	Staff	Total
Agricultural Science ..	—	—	—	53 (5)	—	2	12 (1)	15 (1)	4 (2)	65 (6)	15 (1)	6 (2)	86 (9)
Architecture .. ..	—	—	—	—	—	1	—	2	1	—	2	2	4
Town Planning .. ..	—	—	—	—	—	—	—	23 (2)	—	—	23 (2)	—	23 (2)
Arts .. ..	—	—	—	8 (2)	2 (1)	9(3)	19 (4)	35 (8)	—	27 (6)	37 (9)	9 (3)	73(18)
Education .. ..	—	—	—	—	—	—	2	59(13)	—	2	59(13)	—	61(13)
Dentistry .. ..	—	1	—	2	—	1	2	6	2	4	7	3	14
Economics .. ..	—	—	—	1 (1)	—	4	1	7	9	2 (1)	7	13	22 (1)
Business Management..	—	—	—	—	—	—	1	15	5	1	15	5	21
Engineering .. ..	—	—	—	17	—	8	20	14	1	37	14	9	60
Applied Science .. ..	—	—	—	—	—	—	1	2	3	1	2	3	6
Law .. ..	—	2	—	—	—	1	—	7	6 (2)	—	9	7 (2)	16 (2)
Medicine .. ..	11(1)	23(3)	8	4 (1)	—	1	1	—	1	16 (2)	23 (3)	10	49 (5)
Music .. ..	—	—	—	2	—	1	1 (1)	2	—	3 (1)	2	1	6 (1)
Science .. ..	—	—	—	177(12)	—	28(3)	45 (9)	35 (6)	21 (5)	222(21)	35 (6)	49 (8)	306(35)
<b>Total .. ..</b>	<b>11(1)</b>	<b>26(3)</b>	<b>8</b>	<b>264(21)</b>	<b>2 (1)</b>	<b>56(6)</b>	<b>105(15)</b>	<b>222(30)</b>	<b>53 (9)</b>	<b>380(37)</b>	<b>250(34)</b>	<b>117(15)</b>	<b>747(86)</b>

B. Candidates for Bachelor Degrees:

	Honours (a)			Ordinary			Total			
	F/T	P/T	Ext.	F/T	P/T	Ext.	F/T	P/T	Ext.	Total
Agricultural Science	7	—	—	160 (17)	13 (3)	—	167 (17)	13 (3)	—	180 (20)
Architecture ..	6	—	—	151 (13)	23 (2)	—	157 (13)	23 (2)	—	180 (15)
Arts ..	72(35)	9(2)	—	976(570)	1006(434)	122(39)	1048(605)	1015(436)	122(39)	2185(1080)
Dentistry ..	1	—	—	195 (20)	6	—	196 (20)	6	—	202 (20)
Economics ..	4 (1)	—	—	178 (16)	270 (11)	1	182 (17)	270 (11)	1	453 (28)
Engineering ..	42	—	—	449 (2)	41	—	491 (2)	41	—	532 (2)
Law ..	3 (1)	—	—	298 (45)	48 (6)	1	301 (46)	48 (6)	1	350 (52)
Medical Science ..	4	—	—	n.a.	n.a.	n.a.	4	—	—	4
Medicine ..	n.a.	n.a.	n.a.	600 (91)	13 (1)	—	600 (91)	13 (1)	—	613 (92)
Music ..	5 (3)	—	—	61 (37)	13 (9)	—	66 (40)	13 (9)	—	79 (49)
Science ..	113(12)	—	—	924(196)	315 (60)	—	1037(208)	315 (60)	—	1352 (268)
Technology ..	n.a.	n.a.	n.a.	252 (2)	338	2	252 (2)	338	2	592 (2)
Applied Science ..	1	—	—	115 (12)	82 (9)	1	116 (12)	82 (9)	1	199 (21)
Pharmacy ..	n.a.	n.a.	n.a.	105 (46)	32 (10)	—	105 (46)	32 (10)	—	137 (56)
<b>Total ..</b>	<b>258(52)</b>	<b>9(2)</b>	<b>—</b>	<b>4464(1067)</b>	<b>2200(545)</b>	<b>127(39)</b>	<b>4722(1119)</b>	<b>2209(547)</b>	<b>127(39)</b>	<b>7058(1705)</b>

(a) Final-year Honours students only.

## C. Candidates for Diplomas and Certificates:

	Matriculated Students			Non-Matriculated Students			Total			
	F/T	P/T	Ext.	F/T	P/T	Ext.	F/T	P/T	Ext.	Total
Arts and Education ..	23 (15)	117 (74)	34 (15)	—	—	—	23 (15)	117 (74)	34 (15)	174 (104)
Education (Post-graduate diploma) ..	79 (33)	125 (42)	1	—	—	—	79 (33)	125 (42)	1	205 (75)
Public Administration	1	8	—	—	3	—	1	11	—	12
Computing Science (Post-graduate diploma) ..	7	17 (1)	—	—	—	—	7	17 (1)	—	24 (1)
Law (Final Certificate)	2	14 (2)	—	—	—	—	2	14 (2)	—	16 (2)
Music .. .. .	1 (1)	—	—	—	—	—	1 (1)	—	—	1 (1)
Physical Education ..	110 (42)	16 (7)	5	—	—	1	110 (42)	16 (7)	6	132 (49)
Social Studies ..	5 (5)	17 (10)	—	—	1	—	5 (5)	18 (10)	—	23 (15)
Physiotherapy ..	81 (80)	1	—	—	—	—	81 (80)	1	—	82 (80)
Pharmacy .. ..	12 (5)	2 (1)	—	2	—	—	14 (5)	2 (1)	—	16 (6)
<b>Total .. .. .</b>	<b>321 (181)</b>	<b>317 (137)</b>	<b>40 (15)</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>323 (181)</b>	<b>321 (137)</b>	<b>41 (15)</b>	<b>685 (333)</b>

## D. Students taking Miscellaneous subjects:

	Full-time	Part-time	External	Total
Arts .. .. .	—	26 (17)	—	26 (17)
Economics .. .. .	—	4	—	4
Science .. .. .	1	11 (2)	—	12 (2)
Agricultural Science .. .. .	1	2	—	3
Engineering .. .. .	—	—	—	—
Music (Elder Conservatorium) ..	—	292 (171)	—	292 (171)
Miscellaneous Work (S.A.I.T.) (b)	—	56 (43)	—	56 (43)
<b>Total .. .. .</b>	<b>2</b>	<b>391 (233)</b>	<b>—</b>	<b>393 (233)</b>

(b) Students taking university subjects as part of a diploma course at S.A.I.T.

*Comparison with preceding years:* The following figures of total enrolments in the various faculties and courses are provided to show changes in University enrolments over the last five years:

	1964	1965	1966	1967	1968
Agricultural Science .. .. .	162	177	221	226	269
Architecture .. .. .	152	187	199	190	184
Town Planning .. .. .	9	26	21	18	23
Arts .. .. .	2,465	2,618	2,756	2,583	2,458
Education (Master's Degree) ..	24	26	34	52	61
Education (Postgraduate Diploma)	330	217	98	141	205
Dentistry .. .. .	178	202	230	226	216
Economics .. .. .	490	536	529	462	479
Public Administration .. .. .	43	37	27	17	12
Business Management .. .. .	10	23	19	27	21
Engineering .. .. .	501	530	600	607	592
Law .. .. .	350	389	406	376	382
Medical Science .. .. .	5	5	1	3	4
Medicine .. .. .	661	675	631	677	662
Music (Degree and Diploma) ..	57	57	62	75	86
Music (Elder Conservatorium) ..	431	452	434	339	292
Science .. .. .	1,510	1,676	1,719	1,701	1,670
Computing Science .. .. .	—	7	13	19	24
Technology .. .. .	594	585	672	656	592
Applied Science .. .. .	75	87	115	178	205
Optometry .. .. .	—	—	—	—	—
Pharmacy .. .. .	204	202	213	198	153
Physical Education .. .. .	138	131	150	134	132
Physiotherapy .. .. .	81	81	91	94	82
Social Studies .. .. .	135	175	106	68	23
Home Science (S.A.I.T.) ..	29	9	—	—	—
Miscellaneous Work (S.A.I.T.) ..	—	—	34	100	56
<b>Total .. .. .</b>	<b>8,634</b>	<b>9,110</b>	<b>9,381</b>	<b>9,167</b>	<b>8,883</b>

*Overseas Students:* There were 402 overseas students (including 62 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Agricultural Science 6, Architecture 13, Arts 24, Dentistry 16, Economics 52, Engineering 84, Law 7, Medicine 37, Music 3, Physiotherapy 1, Science 43, Technology and Applied Science 36. One student was taking a University subject

as part of a diploma course at the South Australian Institute of Technology. Of the other 79 students, 47 were proceeding to the degree of Ph.D., and the remainder to the following degrees: M.Ag.Sc. 5, M.Arch. 1, M.T.P. 1, M.A. 3, M.Ed. 1, M.D.S. 2, M.Ec. 2, M.B.M. 2, M.E. 5, LL.D. 1, M.D. 2, and M.Sc. 7.

Of the overseas students 197 came from Malaysia, 59 from Singapore, 40 from Hong Kong, 16 from the U.K., 12 from India, 11 from Vietnam, 9 from Pakistan, 6 each from New Guinea and Thailand, 5 each from Canada, Indonesia, New Zealand and U.S.A., 3 each from Burma and Fiji, 2 each from China (Taiwan), Ghana and Kenya, and 1 each from Brunei, Chile, China, Gilbert Islands, Japan, Lesotho, Mauritius, Nepal, Nigeria, Scandinavia, Sierra Leone, South Africa, West Indies and Western Samoa.

*Assistance to Students:* The following table shows the various forms of assistance received by students (excluding Elder Conservatorium students and those proceeding to higher degrees):

	Males			Females			Total
	F/T	P/T	Ext.	F/T	P/T	Ext.	
Commonwealth Scholarship ..	1,440	68	—	468	25	1	2,002
Colombo Plan .. .. .	64	1	—	14	2	—	81
S.C.E.S. .. .. .	58	9	—	24	1	—	92
Commonwealth Government Cadetship .. .. .	96	11	—	—	—	—	107
Miscellaneous Commonwealth Government Assistance ..	61	16	1	9	11	—	98
Teachers' College .. .. .	532	115	—	408	151	—	1,206
Leaving Honours Bursary ..	11	—	—	1	—	—	12
Leaving Bursary .. .. .	69	3	—	20	—	—	92
S.A. Government Cadetship ..	156	3	—	7	—	—	166
E.T.S.A. Cadetship .. .. .	20	9	—	1	—	—	30
Fees Concession Scheme ..	135	41	—	30	28	3	237
Miscellaneous State Government Assistance .. .. .	1	1	—	—	—	—	2
University Staff .. .. .	1	44	—	1	19	—	65
S.A.I.T. or I.M.V.S. Staff ..	3	19	—	—	2	—	24
Education Department .. ..	13	484	99	3	216	37	852
Miscellaneous University Assistance .. .. .	24	42	—	1	3	—	70
Overseas Awards .. .. .	6	—	—	—	—	—	6
Others .. .. .	17	26	—	3	4	—	50
Total Assisted Students .. ..	2,707	892	100	990	462	41	5,192
Total Unassisted Students ..	1,040	991	14	310	284	13	2,652
Total Students .. .. .	3,747	1,883	114	1,300	746	54	7,844

*Barr Smith Library:* Holdings at the end of 1968 were as follows: Central Library 367,149 volumes; Law Library 23,984; Medical Library 56,685; Music Library 5,371 (and 10,394 pieces of music in sheets); and the Waite Agricultural Research Institute 23,363; making total holdings of 486,946 volumes.

During 1968, the Library made 175,749 loans to students, staff and graduates; 12,133 to other libraries in South Australia; and 4,335 to libraries in other States. It received 1,615 loans from other libraries.



Accessions totalled 30,143, and Withdrawals numbered 911. Serial titles received exceeded 15,400. Expenditure on staff, books, journals, binding and other library purposes amounted to \$549,000 or 5.7% of total University revenue expenditure.

*Evening Lectures:* Evening lectures were given in the following subjects: Australian History, Biology, Chemistry I, Commercial Law 'B', Comparative Philology, Economic Development II, Economics I and II, Economic Geography, Economic Statistics I, Elements of Accounting, English I and II, Financial Accounting, French I, Geography I and III, Geology I, German IIB, History IA, IIIA, IIB, IIIB, Mathematics (Economics), Music I, II and III, Philosophy I, II, IIIA and IIIB, Physics I, Politics II and IIIB, Psychology I, IA, II and IIIB.

*Department of Adult Education:* Classes: The Department of Adult Education conducted 41 weekly classes in the metropolitan area—most of them at the University. All these classes were open to members of the general public, and enrolments totalled 1,716. In addition, 26 Extension courses were offered for graduate and specialist audiences with an enrolment of 923.

*Residential Courses:* The W.E.A.'s residential college at Goolwa was again used for short residential courses. The following are the details—7 week-end courses with 279 enrolled, one 5-day geology school for New Zealanders forming part of their 16 days' study tour (enrolment 30), one 5-day training course dealing with communications, economics, industrial relations and management, with an enrolment of 26, and a 10 days' art school (painting, print-making and sculpture) with an enrolment of 35.

*Seminars and Conferences:* Many short schools and conferences were held in Adelaide. A 10-day Music School attracted 90 students, and a 13-day school on drama, film and television had an enrolment of 48. An intensive Pitjantjatjara language course was held for 43 students over a period of 15 working days, and there were two intensive English language courses for Asians, over 20 working days and 5 working days, with enrolments of 36 and 19 respectively. During the Adelaide Festival of Arts a 10-day Poetry School was held, for which 28 students enrolled. In addition, 8 one- or two-day seminars were held on such topics as: The South Australian Electoral System, Where Now with the National Trust, Government Aid to the Arts, and The Metropolitan Adelaide Transportation Study. The total enrolment for these 8 seminars was 648. The proceedings of some of these conferences were published.

*Special Activities:* An 8-day Spring School at Salt Creek, studying Ornithology, Botany and Land Use, had an enrolment of 57. The painting section and science courses for children were arranged by the W.E.A. A week-end ornithology study at Langhorne Creek had an enrolment of 38. A 17-day geology study tour to New Zealand was arranged for 33 students, while a party of 30 New Zealanders took part in a 16-day geology study tour here.

*Overseas Visitors:* Three visiting lecturers gave 6 lectures to a total of 286 students: Dr. Carmen Blacker of Cambridge University on Methods of Yoga in Japanese Buddhism and on Modern Messianism



in Japan, Prof. G. A. Swanson of Colorado State University on Conservation in Australia and America, and Mr. C. H. Rolph from the Editorial Staff of "The New Statesman" on The Idea of Punishment and on Literary Censorship in Britain.

**Country Work:** Five country seminars of one to three days' duration were held and were attended by 197 students. Topics included The Writing of Local History, Four Australian Political Parties, Problems of Aboriginal-European Relations, and Questions of Right and Wrong. Ten lectures were given in country centres on Aspects of Australian Literature, International Politics, and the Greek Contribution to Civilisation. These were attended by a total of 459 students. Discussion group visits to country centres dealt with topics of English and Australian literature, Man and Morals, The Vanishing Frontier, and Comparative Religion. Seventy-eight students attended these discussion groups.

The discussion group service has continued about the same level as the previous year. During 1968, 13 new discussion courses were started in 11 centres, with a total enrolment of 148. Seven courses which had been started the previous year were completed.

**Student Health Service:** The total number of individual services rendered during the year was 9,635, including 1,519 routine medical examinations of students, 1,718 casualties, 1,036 return visits from casualty service, 1,584 Poliomyelitis injections, 989 Tetanus Prophylactic injections, and 1,810 Mantoux tests. The total does not include chest X-rays arranged by the Service at the City X-ray Unit.

Of the 1,718 casualties, 1,184 were illnesses, 384 accidents and 150 sports injuries.

**Public Examinations:** The following numbers of candidates entered for the Public Examinations: 755 at the Supplementary Matriculation Examination in February; 13,881 at the Intermediate Examination in November; 11,111 at the Leaving Examination in November; 5,128 at the Matriculation Examination. The growth of the number of candidates for the Public Examinations since 1962 is shown in the following table:

CANDIDATES AT PUBLIC EXAMINATIONS, 1962-1968

	1962	1963	1964	1965	1966	1967	1968
Intermediate	- 12,988	13,450	13,860	13,887	13,866	13,849	13,881
Leaving	- 8,765	9,885	10,613	11,188	9,434	10,376	11,111
Matriculation (a)	-	-	-	-	3,319	4,283	5,128

(a) Introduced in 1966.

The examinations were held at 87 metropolitan schools and colleges, 6 other metropolitan centres, and in country towns and districts at 94 schools and colleges and 25 other centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,110 entries in Theory and 4,206 in Practice of Music, 169 in Musical Perception and 57 in Speech and Drama.

## 13. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

*At a Meeting of the Council on March 1, 1968:*

	Males	Females	Total
M.B., B.S.	1	—	1

*At the Annual Commemoration Ceremony on April 24, 1968:*

	Males	Females	Total
M.Ag.Sc.	5	—	5
B.Ag.Sc. (Honours)	8	—	8
B.Ag.Sc.	15	—	15
D.D.Sc.	1	—	1
B.D.S.	17	—	17
B.D.S. ( <i>ad eundem gradum</i> )	1	—	1
M.Ec.	1	—	1
B.Ec. (Honours)	5	—	5
B.Ec.	43	4	47
LL.M.	2	—	2
LL.B. (Honours)	3	—	3
LL.B.	38	4	42
M.D.	5	—	5
M.D. ( <i>ad eundem gradum</i> )	1	—	1
M.B., B.S.	71	13	84
B.Med.Sc. (Honours)	2	1	3
B.Tech.	70	—	70
B.App.Sc.	8	—	8
B.Pharmacy	7	10	17
Ph.D.	7	—	7
Ph.D. ( <i>ad eundem gradum</i> )	6	—	6
Diploma in Computing Science	4	1	5
Diploma in Education	47	21	68
Diploma in Secondary Education	7	1	8
Diploma in Primary Education	5	—	5
Diploma in Pre-Primary Education	—	2	2
Diploma in Arts and Education	47	60	107
Diploma in Music	2	3	5
Diploma in Pharmacy	27	6	33
Diploma in Physical Education	12	7	19
Diploma in Physiotherapy	4	30	34
Diploma in Public Administration	5	—	5
Diploma in Social Studies	4	33	37

*At the Annual Commemoration Ceremony on May 1, 1968:*

	Males	Females	Total
M.A.	5	4	9
M.A. ( <i>ad eundem gradum</i> )	2	—	2
M.Ed.	1	—	1
B.A. (Honours)	42	32	74
B.A.	132	128	260
B.A. ( <i>ad eundem gradum</i> )	2	—	2
M.E.	7	—	7
M.E. ( <i>ad eundem gradum</i> )	1	—	1

	Males	Females	Total
B.E. (Honours)	28	—	28
B.E.	31	1	32
B.E. ( <i>ad eundem gradum</i> )	2	—	2
B.App.Sc. (Honours)	1	—	1
B.Mus. (Honours)	4	1	5
B.Mus.	5	13	18
Ph.D.	6	—	6
Ph.D. ( <i>ad eundem gradum</i> )	2	—	2

*At the Annual Commemoration Ceremony on May 8, 1968:*

	Males	Females	Total
M.Arch. ( <i>ad eundem gradum</i> )	1	—	1
B.Arch. (Honours)	8	—	8
B.Arch.	10	1	11
D.Sc.	2	—	2
M.Sc.	9	3	12
B.Sc. (Honours)	90	12	102
B.Sc.	175	47	222
Ph.D.	48	3	51
Ph.D. ( <i>ad eundem gradum</i> )	5	—	5

*At a Meeting of the Council on December 20, 1968:*

	Males	Females	Total
M.A.	1	—	1
B.E. ( <i>ad eundem gradum</i> )	1	—	1
LL.B.	1	—	1
M.D.	1	—	1
M.B., B.S.	5	2	7
M.Sc.	1	—	1
Ph.D.	3	1	4

*Totals:* 116 candidates were admitted to higher degrees by examination or thesis, 18 were admitted to such degrees *ad eundem gradum*; 1,089 bachelor degrees were conferred by examination and 6 by admission *ad eundem gradum*; and 328 diplomas were awarded.

#### 14. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1968 is annexed to this report. There is also a further statement showing the actual position of the University with respect to its property, funds and liabilities at the close of 1968.

Signed on behalf of the Council,

J. J. BRAY,

Adelaide,  
September 5, 1969.

Chancellor.

## COMMEMORATION ADDRESSES, 1969

The Annual Commemoration Ceremonies were held on May 7 and 14 at 11 a.m. and 3 p.m. on each day.

In opening the proceedings on May 7 at 11 a.m., the Chancellor (The Hon. J. J. Bray) said:

This is the first Commemoration over which I have presided as Chancellor, and my first duty is to do two things. The first is to express my sense of the honour done to me by the Council in electing me to the high office of Chancellor and my hope that my inadequacies to fulfil the obligations of the post will remain relatively inconspicuous during my term of office. The second is to pay appropriate tribute to my predecessor in this chair, Sir Kenneth Wills, who retired last November after nearly a quarter of a century of service to the University. I will not refer here to his distinguished military career but to his more immediate association with the administration of the University. Sir Kenneth was first elected to the Council in November, 1945, and was immediately appointed a member of the Finance Committee, of which he became the Deputy Chairman in 1950 and Chairman in 1954. He was closely associated with the formulation of a number of far-reaching proposals for the development of the University in the early 1950s. These included the establishment of the present staff structure with appropriate salary scales; the creation of appointments and review committees; the institution of the study leave scheme, the first of such schemes amongst Australian universities; and the creation of 28 additional academic posts.

In the years when Sir Kenneth was Chairman of the Finance Committee the period of rapid growth in student numbers began and it was owing in great measure to his wisdom and ability that the University was able to cope with that growth, and that, be it remembered, was in the days before the establishment of the Australian Universities Commission.

He played a leading role in the public appeal of 1955, which raised money to build the Union Hall and to double the accommodation and facilities in the Union, and those who since that time have enjoyed the benefits of that increased accommodation and those increased facilities have great reason to remember him with gratitude.

In 1960 Sir Kenneth resigned the Chairmanship of the Finance Committee on his appointment as an original member of the Australian Universities Commission, although he still continued to serve as a member of the Committee.

He was appointed Deputy Chancellor of the University in 1961 and became Chancellor in October, 1966, on the retirement of Sir George Ligertwood.

As Chancellor he contributed even more greatly to the welfare and the wise administration of the University. On its behalf I express formally its gratitude and wish him health, happiness and prosperity in the years of his retirement.

The office of Chancellor is largely a ceremonial one: the real work of administration is done by the Vice-Chancellor, whose ready co-operation and quiet efficiency I think I ought to acknowledge with gratitude, and by the members of the various committees of the Council and by the Registrar and his associates. I have not been Chancellor for long: but nevertheless for long enough to appreciate how much the University owes to all of them. However, the Commemoration Address traditionally provides an opportunity for the Chancellor to indulge in the exercise known in the modern idiom as sounding off, but more gracefully described perhaps as expressing his views on matters at large. I would be loth to depart from this tradition and I propose to say something about the purposes of a university. What I am going to say is by no means novel: it has often been said before, but in view of what appear to be widespread misconceptions I think it can bear to be said again.

In a Commemoration Address last year the Vice-Chancellor referred to a statement by the President of Cornell University that "American universities became the heirs of the British tradition of undergraduate instruction and the German concern for graduate education and research". Teaching and research are indeed the twin functions of the university. Research, not in the sciences alone, is an obvious consequence of scholarship. It would be a poor university that did not add something to the stock of knowledge in each generation. But the state of research in the University of Adelaide was adequately discussed by the Vice-Chancellor at a Commemoration last year and it is rather about the teaching function of the University that I want to say something today. This function also is two-fold. Of course the University endeavours to equip its graduates for professional careers and of course it is necessary to the community that there should be an adequate supply of properly trained and competent entrants into the various professions. But there is in my view an even more important teaching function of the University and that is to send out into the community educated men and women capable of responding with an appropriate degree of sensibility and sophistication to the various situations that will confront them, not only as doctors, lawyers, architects, engineers and teachers, but as citizens and human beings. This is the purpose, or one of the purposes, of the traditional disciplines of the humanities: and it is of them that I desire to speak. Their relative importance in the academic scheme of things seems to be slowly but remorselessly diminishing each year, not so much by anyone's deliberate choice, as by the proliferation and expansion of new departments of learning in the natural and the social sciences. Nor, of course, should these be rejected: the new should be welcomed without the old being diminished. It is, of course, very hard to do this: and it is equally hard in an age where new problems, new discoveries, new methods confront all the professions to find time in professional courses for studies whose immediate utilitarian benefit is not always apparent: it is sometimes too, perhaps, hard to convince the dispensers of the public bounty of the value of such studies. Nevertheless, I think the effort must be made or there is a danger that something of great value will be irretrievably lost.

You know as well as I do that this is not only like all ages an age of transition, but an age of rapid transition from what we are only just beginning to know to some one out of many possible shapes whose

outlines we can only dimly apprehend. It may be that traditional values and attitudes are inadequate for the task of choice, but those traditional values and attitudes cannot be safely discarded unless they are first understood. We cannot direct the future unless we understand the present, and we cannot understand the present unless we understand the past, because the past made the present what it is, and in particular we cannot understand the present forms of the Western civilisation to which we belong, although transplanted, unless we know something of the classic and Christian matrix from which that civilisation emerged.

I am told by those who know more of the relevant trends than I do that there is a tendency amongst some of the best matriculants from some of the secondary schools to choose courses in the humanities in preference to courses in the sciences on the ground that they feel that it is time that the emphasis turned from man's environment and man as an animal to man as a social and intellectual being. I can understand how dubious such a trend must appear to those who are deeply conscious of the need for increased expertise and technical efficiency: nevertheless I think that if I were in the position of those students and could have regard only to non-utilitarian considerations I would feel strongly inclined to make the same basic choice, though in my case it would be a choice amongst the older subjects in the humanities rather than the more recent.

I would repeat that the man or woman who leaves the university with a degree should be not only competent to enter a profession but should be able to bring an educated choice to bear on his or her activities as a citizen and a human being. It is a great thing to discover new scientific truths, new methods and new techniques: it is a greater thing to be able to make a wise decision about the way in which they should be used and even perhaps in extreme cases to decide that they should not be used at all: and in the making of such decisions in a democratic society every citizen, even if only indirectly, has a share and a responsibility. It is in the belief that the traditional subjects of the humanities—and if I mention the classics in particular that is because I have a special regard for them—can help to provide such wisdom that I commend their study. Men have been exposed to many different situations and challenges in the past. Sometimes they have responded adequately at least for the time: more often the response has been in one or more respects inadequate. Despite the technological revolution their experience is not irrelevant today.

It is time that I descended to the immediate purpose of this gathering. I should, and do congratulate all of you who in a few minutes are going to receive your degrees either in person or absentia. I hope that as under-graduates you found the University both rewarding and enjoyable: that as graduates your careers will be equally rewarding intellectually and equally enjoyable as well as not entirely unprofitable and that you will not lose touch with the University—you could always join the Graduates Union—and that you will be the leaven that will lighten—and I use the word in both its senses—the mass of the community into which you are about to enter.

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The ceremony on May 7 at 3 p.m. began with the admission, *ad eundem gradum*, of Sir Mark Oliphant to the degree of Doctor of Science. In presenting Sir Mark to the Deputy Chancellor, the Dean of the Faculty of Science, Professor D. R. Stranks, said:

"The great things for humanity are not television and jet engines, antibiotics or atomic energy, money or power, but ideas and ideals."

To those who would mistakenly equate Science only with material progress, these words of Sir Mark Oliphant, a man of Science, would seem puzzling. To those who know Sir Mark and all that he has done and advocated, these words reflect his great insight and understanding of contemporary civilization and its development.

His ability to go direct to the heart of an issue was apparent to his colleagues in his early years at Adelaide. After his secondary education at Unley High School and Adelaide Boys' High School, Oliphant completed a Science degree, majoring in Physics under the direction of Professor Kerr Grant. His only fellow student in his Honours year, recalls with admiration Oliphant's exceptional ability to overcome and solve scientific problems quickly. This ability was an amalgam of an outstanding intellect with unusual skills in creating and operating scientific equipment.

But his colleagues in Adelaide also remember with pleasure his keen sense of humour and discerning appreciation of practical jokes whether they were perpetrated on him or by him.

His departure from Adelaide was one of triumph. After a mere six months of research, Oliphant had completed a project and had won, in an Australia-wide competition, the coveted 1851 Exhibition Scholarship to take him to Cambridge. The afternoon on which Oliphant's ship sailed was hot and tiring. A member of the Physics workshop staff was relaxing under a shower when, to his consternation, the pleasurable rich soap lather was abruptly replaced with a lather of soda foam from the contents of a fire extinguisher. With a gale of his distinctive laughter, the young Exhibitioner was off to Cambridge, immune to the belated cries of the Administration to replace the extinguisher contents. With the passage of time, I can assure our eminent graduand that he can no longer be held responsible.

At Cambridge, the intellectual and practical abilities of Oliphant were apparent to Rutherford, under whom Oliphant completed his doctorate in two years. Rutherford may have been also aware of Oliphant's fearsome skill with a distinctively South Australian weapon, the grape gun. This weapon consists of a glass blow pipe into which is inserted a pre-vintage grape. When blown, the grape projectile inflicts a painful weal on the victim, as many of his Adelaide colleagues could testify. However with Rutherford's stimulus, Oliphant's projectiles at Cambridge were electrically accelerated atomic nuclei and their target other nuclei. Not only did Oliphant confirm the fundamental conservation laws with unprecedented accuracy, but he also produced, artificially for the first time, new isotopes of hydrogen and helium. These discoveries are linked closely to the current world-wide quest for the controlled release of thermonuclear power. The sense of excitement and creativity of this period was recalled by Oliphant two decades later in a contribution to the Australian literary journal *Meanjin*.

Those were vintage years at the Cavendish Laboratory in Cambridge. The Adelaide Physics Department has on its walls a photograph of the staff and research students in that era. The front row shows Rutherford and his predecessor and mentor J. J. Thomson sitting with Cockroft, Wilson, Chadwick and Oliphant; the work of these men became the cornerstones of nuclear physics.

1937 saw Oliphant's election as a Fellow of the Royal Society and his appointment as Professor of Physics at Birmingham University. Here Oliphant undertook the construction and operation of what was then the world's largest cyclotron and this was soon attracting world-ranking research workers. This was subsequently recognized by the award of the Hughes Medal of the Royal Society for in the words of the citation, 'his distinguished work in nuclear physics and his mastery of generating and applying high potentials'.

But the outbreak of war in 1939 saw Oliphant's laboratory diverted to radar work. Members of this laboratory developed the magnetron which became the heart of wartime radar in the Western world. Events in nuclear physics were approaching the cross-roads. Oliphant led a British team working with Lawrence in Berkeley California, where the electromagnetic separation of uranium isotopes was evolved. The culmination of the overall Manhattan project was the detonation of atomic bombs over Nagasaki and Hiroshima. The implications of these events disturbed Oliphant deeply and from that time one sees two major personal contributions to the world-wide community.

The first has continued to be his scientific work. At Birmingham he devised an ingenious proton synchrotron which ultimately generated particles of 1000 MeV energy and this has been the basis of many developments in nuclear physics. In 1947 his international eminence was recognized at the Rutherford Celebrations in Paris where his fellow participants were the scientific leaders Bohr, de Broglie, Urey and Joliot-Curie.

Oliphant's second distinctive contribution has been his alerting of the community, and especially the scientists, to the grave ethical implications arising from new weapons of mass destruction. In 1948, Oliphant, presented with Bertrand Russell and others, The Halley Stewart lectures on the 'Atomic Age' dealing with the potential use or misuse of the findings of Science. Later he said: "Men of Science have erected two signposts: one points to a rapidly increasing standard of living for all men and the conquest of disease and drudgery; the other points to an abyss of complete disaster. There is no signpost to a middle path."

These two contributions have been further advanced since 1950 when he became the first Director of the Research School of Physical Sciences in the Australian National University at Canberra. His vigorous and constructive leadership for some fifteen years has created a broad research school of international standing. His own scientific work has now provided in Canberra a unique facility for generating very intense magnetic fields over large volumes. This could prove very important in devising methods to contain plasma in the thermonuclear production of power, a development foreshadowed by Oliphant's discovery in 1934 at the Cavendish Laboratory. Oliphant has been a moving force behind the establishment of the Australian Academy of



Science and he was its first President. In 1959, he was created Knight Commander of the British Empire for his work for science, the community and the British Commonwealth.

He has travelled widely to lecture on the technical and ethical aspects of science, as well as broader issues of education. "In all processes of education", he said as President of A.N.Z.A.A.S. in Perth, "there must be complete openness. There can be no barriers to knowledge, no taboos on the free discussion of any subject", whilst at Hobart he has seen the university purpose as "uniting the young and old in the imaginative consideration of learning, training men to deal with the problems of tomorrow as well as being familiar with the methods of today." It is characteristic that in the forthcoming A.N.Z.A.A.S. Congress in Adelaide, he will serve as President of the Junior Congress which aims to excite the interest of the young in Science.

Sir Mark Oliphant is a distinguished graduate of this University and a great Australian; recognized as a leader in the world of Science, honoured by Universities in Britain, Canada and Australia, respected wherever ideas and ideals are held paramount. It is my privilege to present for the award of the degree of Doctor of Science, *ad eundem gradum*, Marcus Laurence Elwin Oliphant, who has been admitted to the degree of Doctor of Science in the Universities of Belfast, Birmingham, Melbourne, New South Wales, Toronto and the Australian National University.

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After he had been admitted to the degree, Sir Mark addressed the congregation as follows:

I thank you sincerely for the honour, the very great honour, which you have conferred on me today. Of the honorary degrees which I now possess, I shall treasure that from my own home university most of all. I had the privilege of being taught by such great teachers of science as Kerr Grant and Rennie, and of learning what little I know of geology from that magnificent explorer, Mawson. While working as a cadet in the Physics Department, I helped Brailsford Robertson with an experiment involving the prolonged exposure of mice to an atmosphere of argon and oxygen, and I earned many a fee for operating the projection lantern for such profound scholars as Darnley Naylor and Henderson. Thus, the necessities of existence exposed me to a wider range of disciplines than most students experience, and I found myself as fascinated by St. Francis of Assisi, or the art of ancient Greece, as by my physics and chemistry.

I remember well being invited to attend a discussion, led by Sir Douglas Mawson and Professor Wood Jones, of the problem of continental drift, the hypothesis propounded by Wegener some years earlier that the continents had at one time formed part of one or two large land-masses, which had broken up and drifted apart. There were only ten or twelve present, in a small office in the original building of the University. The Vice-Chancellor, Professor Mitchell, served

well as the provocative baiter of both speakers. Wood Jones defended the hypothesis with all his powerful oratory, as offering clues to the distribution of animals and plants between the continents. Mawson, on the other hand was extremely sceptical, firing his great guns of knowledge of rocks and geology to refute the theory. The controversy has waged, with varying intensity, over the almost 50 years since, but the evidence is growing that Wood Jones was right, though probably for the wrong reasons.

Of all my teachers, however, I owe most to Dr. Roy Burdon, who patiently taught me the real meaning and method of research. It was his inspiring help and encouragement which enabled me to get enough work done to win an 1851 Overseas Scholarship which took me to Cambridge. In my heart, I know well that I have done nothing since, as good as that first original work.

You will appreciate, therefore, just how much I owe to this, my University, and what great pleasure I derive from possession of its highest degree.

I hope, Sir, that I may be forgiven if I speak of a particular hobby-horse of mine: the use of knowledge of nature, which is science, for the benefit of man, and its misuse in war for his destruction. I do this for two reasons. Firstly, because the full development of our intractable land depends critically upon the fullest application of scientific knowledge. Secondly, because unless war can be eliminated from the earth as a method for settling international disputes, it is highly probable that civilization, as we know it, will be destroyed and that little will remain to develop.

Of all the states, South Australia must depend most upon the fullest application of scientific knowledge to overcome its natural disadvantages. At one time it seemed that I might be able to help in this process, but the proposal fell through. South Australia's greatest problem, now and for all time, is the provision of adequate good water for domestic and industrial use, and for irrigation. The River Murray can never provide what is needed, both because of the relatively small quantity available, its limitation in time of drought in the catchment areas, and its increasing salinity. Fortunately, if the State is prepared to think big and act big, there is a solution to many aspects of its water needs which could become available in the next decade or two. This is the large-scale desalination of sea-water with the aid of nuclear energy.

Dr. Weinburgh of the Oak Ridge National Laboratory, U.S.A., has described an agro-industrial complex in which nuclear energy is used to distil sea-water and to provide a very large quantity of cheap electric power. He has shown that a plant producing 1,000 million gallons per day of pure water, and 1,500 megawatts of electric power, could provide all the water required to irrigate 320,000 acres of intensively cropped agricultural land, together with the power needed for a nuclear-powered industrial complex producing aluminium, nitrogen fertilizers and ammonia, caustic soda, chlorine and magnesium. The cost of desalinated water would be between 10 and 20 cents per 1,000 gallons. He has shown that even wheat may be grown commercially under irrigation with water at this price, using new varieties with sufficient fertilizer. If South Australia is to look ahead as it should, such advanced ideas should be under continuous examination, so that they

may be applied here when the time is ripe. A combination of cheap electric power with a plentiful supply of pure water, would enable Adelaide and areas adjacent to provide ideal conditions for industrial and agricultural development, independent of the seasons. However, such development must be planned many years ahead, and fought for vigorously, or another State with more influence and vision will reap the harvest.

However, schemes such as this are likely to remain dreams unless much greater effort is made to eliminate war from the earth as a method for settling international disputes. The prostitution of scientific knowledge and of human ingenuity in preparation for even more beastly forms of warfare, is one of the saddest attributes of our times. No city, no industrial complex in the world, is now immune from complete destruction by a single nuclear weapon delivered by ballistic missile from a distant base. Chemical and biological weapons of mass destruction of life add further horror to the nuclear holocaust. Men of science, in common with all men and women, are saddened by the callousness and the dehumanizing effects of these developments. War of this nature is unthinkable, but think about it we must if civilization is to survive. Science can provide a solution to all the material problems of mankind, but only if he gives up war. National leaders who do not give absolute priority to finding a solution to this greatest problem of all, are not fit to govern any nation.

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In opening the proceedings on May 14 at 11 a.m. the Deputy Chancellor (Dr. W. Frank Hambly) said:

Your Excellency, Ladies and Gentlemen:

Let me first of all express our delight at Your Excellency's presence with us today. By Act of Parliament—I quote—"the Governor shall be Visitor of the University, and shall have authority to do all things which appertain to visitors as often as to him shall seem meet." We certainly hope that throughout your term of office you will continue to visit us, and that in such visits we may have mutual pleasure.

We are gathered here this morning primarily to confer degrees of this University upon those who have completed a rigorous course of study, qualifying them for this distinction. We offer them our hearty congratulations and our good wishes for success in their future careers. To those who will be admitted to degrees *ad eundem gradum* we extend a cordial welcome into our society, and trust that not only will they enjoy their association with us, but that we may profit from the contribution they will make to our common life.

Among the privileges belonging to a holder of a degree in this university, at present accorded three years after taking a first degree, is the opportunity to share in those deliberations which determine the statutes and regulations under which our society operates. There can be no doubt that graduates are invited to accept this role in the conduct of our affairs, because it is considered that the course of study which they are required to pursue prepares them for the exercise of a critical and responsible judgement as they perform this duty.

The ability to carry out this task is not primarily, probably not even remotely, related to any special expertise which a student may acquire in the narrower field of learning where he works at depth. It derives rather from a fundamental approach to all learning, indeed to living itself, which belongs equally to the sciences and the humanities.

It is particularly upon one ineradicable element of our way of looking at life that we shall concentrate our attention for a few minutes. This basic ingredient in our life-attitude of which any thinking person will be aware may properly be referred to as the principle of relativity.

That observations made and recorded are always relative to the observer is true equally of observations made in different physical systems as of observations made by those who live in different cultures, or at different historical periods, or within different social groups. The observations of the man in the moon are as valid as those made from any earth-based observatory. Similarly, the observations made by an eighteenth-century observer may be as valid as those made by someone today, while those of the suburban housewife may be as accurate from her point of view as those of the Federal Treasurer from his.

There is, however, a most important difference between the former and the latter types of observation. While the expert can readily devise an equation which will allow the conversion of the point of view of the man in the moon into terms appropriate to those of the observer on earth, there is nothing so facile to deal with problems of historical, cultural or social perspective. For the scientist, an accurate observation stands, irrespective of when or where it was made, or who made it.

Man's organization of his life is bound to be conditioned by factors which cannot be set out in terms of an exact equation. There can never be any satisfactory change in the ordering of our social life unless we are ready to make the effort to try to understand what others see from their point of view. This is something so difficult, and so demanding in time used up and patience expended, that it ought not to surprise anyone if, from time to time, those engaged in such an exercise find their patience exhausted and begin to look for speedy solutions.

Often, the young will see no hope apart from revolution. Just as often, the old will be determined to try to keep the young under control until they learn some sense, which too frequently means "until they get like us". If these attitudes harden, there may be a meeting of the irresistible force and the immovable object fraught with tragic results for all. There is no hope for any worthy resolution of the problems created by the inescapable tensions of our common life, unless we are ready to work and think together. Basic to such co-operative effort must be respect for one another as honest sharers in common action to promote the welfare of a society of which we are all members.

In my early secondary education when I was introduced to the nature of an ellipse, I had relatively little difficulty in understanding the principles governing the construction of this figure as they were taught to me. On the other hand, I experienced the greatest difficulty in mastering the methods proposed for constructing it. A reasonably competent performer with a pair of compasses, I bungled miserably in my juvenile efforts to manage a pin and thread.



This is something by no means irrelevant to our present problem. There is no figure which more readily underlines the relativity of our observations than an ellipse. What we see may vary nearly all the way from a straight line to a full circle. What determines what we observe are two points along the axis of the ellipse.

The two points which control what we see as we approach the problem of regulating our society are, on the one hand, the enjoyment of freedom, and, on the other, the exercise of authority. The simple solution which suggests itself is to attempt to draw a circle making either freedom or authority the centre. The former course will lead to anarchy; the latter to tyranny. I believe that freedom must be the watchword of every true university. Every effort must be made to preserve genuine academic liberty. In this, as in other major matters having to do with the art of living, we know intuitively in which direction the ultimate solution of our problem must lie.

Ideally, in a society of men all truly free, rules will be reduced to a minimum. What rules there are will be designed to guarantee the freedom of every member. I repeat; regulations dealing with the exercise of authority must seek to secure freedom for all, as far as may be possible in the given situation. That is no true exercise of freedom which invades the freedom of another.

Nevertheless, we shall find it necessary to go on making relative judgements. This means that we shall have to keep on wrestling day by day and year by year with problems which promise no ready or easy solution.

As you, our new graduates, take your place within the life of this community whose members aim to discover truth by free discussion, conducted in an atmosphere of mutual respect, we trust that the chapters of this university's history, still to be written, may record greater achievements, not only through the study of the arts, the applied, the physical and the social sciences, but in our living together as a coherent though multilateral community.

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At the ceremony on May 14 at 3 p.m. the Chancellor invited Emeritus Professor W. G. K. Duncan to open the proceedings by addressing the congregation. Professor Duncan said:

I should like, first of all, to offer a word of congratulation to those on whom degrees are about to be conferred, and to wish them well in their future careers. Some of you are no doubt thinking of proceeding to a higher degree, and it is to be hoped that you find the time and the opportunity to do so, if only because it is in the field of postgraduate work that Australian Universities do not, as yet, despite recent growth, measure up to world standards. But even this would mean only the completion of another stage in a continuing process. No one in his senses ever imagined that a University degree would complete one's education, and fully equip him for life.

It is, however, becoming increasingly necessary to remind ourselves (and, more especially, governmental authorities who have to shoulder

most of the financial burden involved) that education for the world of today means much more than the provision of a formal schooling system (even when this is taken to include tertiary education in colleges and Universities). Things change so rapidly these days (and they're likely to change even more rapidly in the future) that it is very difficult—even when we try—to keep up-to-date. It is not only that we have to absorb new knowledge and adopt new methods (which scientists and technologists supply us with, at an embarrassing rate), but we have to realise, also, that the impact of these novelties creates all sorts of human and social problems—problems which are difficult to identify and define, let alone solve. The people who have to handle these problems, the people responsible for policy-making decisions, are, in the nature of things, at least middle-aged—with all that this implies in the loss of mental flexibility.

Nearly a generation ago Sir Richard Livingstone declared that the task of keeping middle-aged people up-to-date was one of the most urgent educational problems of our day. By the time we reach positions of responsibility, he argued, whether in our jobs, in our homes (responsible for a growing family), or in public and civic affairs, we are getting on in years and are in need of a thorough educational overhaul. He was fond of using the analogy of a motor car. Reasonably well-equipped when it leaves the factory, it still needs to be run in (and I'm sure your future employers will tell you that you have at first quite a few screws loose), but after a while you can reasonably expect reliable performance from your car. But if you run it for years, even decades, on end, without giving it a thorough overhaul it will eventually let you down, and may well become a positive danger on the road. If the judgement of our middle-aged decision-makers proves defective, quite clearly the whole community will suffer.

Livingstone suggested that the problem might be solved—or at least partially alleviated—by the provision of a wide range of 'refresher courses' for University graduates, non-vocational as well as vocational, so as to compensate for the increasing specialization in our work; and secondly, by the establishment of residential schools, of varying duration, for the whole adult population—on the Scandinavian model. Since his day both these forms of adult education have enjoyed a vigorous growth in Great Britain, and, to some extent, here in Australia also. But, as yet, only a small fraction of the decision-making and opinion-forming groups in our society has been affected. It is true, of course, that 'study leave' is now accepted as a genuine need for academics, but (although I have been preaching it for years) I haven't been able to persuade the A.B.C. that its senior officers are just as much in need of refreshment as are professors. And the same is true for such key people as newspaper editors and journalists, and librarians and senior civil servants, and business executives and trade union secretaries. Think what it would mean to the community if trade union secretaries came to think in 20th century terms, and gave away things like demarcation disputes.

The need for education as a continuing process throughout life springs not only from this need for efficiency in our vocations. The purpose of education is not only to help us earn a living, but also—and increasingly so in a prosperous community—to help us live a life, a civilized satisfying life; and, thirdly, to show us how to mould a world,

or build a decent social order. The more our jobs become specialized and mechanized, the less likely it is that we will find satisfaction, let alone fulfilment in our work, and the more necessary it becomes, therefore, to find these things in our leisure-time interests and activities. The shorter working-week, the establishment of long-service leave, and above all the fact that people in retirement tend to live longer and longer, make the possession of such interests increasingly important. Many people crack up on retirement, because, as they confess, they don't know what to do with themselves. That means, in my opinion, that their education has been a complete failure. Surely 'the world is so full of a number of things' that even though we mightn't be 'as happy as kings', we should (and would, if properly educated) be as busy as bees savouring a whole range of experiences we didn't have time for during our working lives. The fact that special courses have to be provided, called 'Preparation for Retirement' is, in my opinion, an indication of the inadequacy of our educational system. Not only ours, of course. The problem is so acute in America (under the impact of automation, I suppose) that many private corporations now provide such preparatory courses during working hours, for staff members approaching retirement, or facing 'redundancy'.

But what about trying, before we retire, to remould the world a little 'closer to the heart's desire'? Why leave everything in that connection to the younger generation—whose sublime confidence that they already have all the answers is matched only by their profound ignorance of the complexity of the problems involved. No doubt there always has been, and always will be, tension between the impatience of the young and the stodginess of the elderly, but the gap between the generations should not be allowed to become a gulf of sour suspicions and mutual recrimination. You, as young people—all of you no doubt with bright, fresh, well-stocked minds—have to live and work with middle-aged, increasingly old-fashioned people, and within a few years, remember, you'll be regarded by *your* juniors as out-of-date, and dismissed as stuffy old fuddy-duddies. If, as some student leaders claim, anyone beyond the age of 30 (or is it 25?) is already 'old hat', you won't have long to enjoy the privilege of being on the right side of the barricades. Curiously, it is with stuffy old members of the University staff, most of whom are of course well over 30, that these same students are demanding much closer contact.

But however extreme, or even self-contradictory, the demands of students, there is no denying that their elders have made a sorry mess of things—at least in the type and quality of the social order they have built. Even within the so-called affluent societies prosperity is by no means universal, and the world at large seems unable to cope with the problems arising from gross economic inequalities, nationalistic rivalries, and racial hatred and discrimination—not to mention atomic, biological and chemical weapons of war, with their promise of universal destruction. These problems are not going to be solved by the drift and complacency shown by so many of our tired elders, nor by the starry-eyed enthusiasm of our exuberant youngsters. They call not only for generosity of spirit but for hard thought and sustained effort—from wide sections of each community. And to whom is a community entitled to look for leadership and example in such an effort, than from its University graduates? The community invests a substantial proportion of its resources in Universities, and is entitled to expect

in return, more than successful professional careers from the lucky few who gain admission to them.

Here, as in most other fields of human endeavour, it is much easier to set up desirable goals than to work out practicable steps towards attaining them. How are University graduates—even if they agree they should try—to discharge their obligations to keep up-to-date and efficient in their jobs, to live a varied and satisfying life as human beings, and to help mould and sustain a civilised social order? No one, I imagine, knows in any detail the answer to such a question—if only because it will vary from person to person. But I'm sure it is a question, and a challenge, which each of you should face. And I'll make one or two suggestions as to how you might at least make a start.

The first is: spend some of your hard-earned money on buying books and subscribing to journals. I should say that we, as University teachers, have failed in one of our (unwritten) responsibilities if we turn out graduates who have not acquired a book-buying habit. Books are needed not only to keep up-to-date, but are part of a civilised environment—especially in the home, where young minds are taking shape. BOOKS, therefore, at all sorts of levels and on all sorts of subjects—to feed and stretch and illuminate minds that need nourishment at all ages. A steadily-growing shelf of books is more important than the latest model car, or an expensive T.V. set, or even (despite what your wife says) an impressive bedroom suite. Have them all, if you can afford it, but give books a high priority.

Secondly, no matter how much you can afford, or how extensive your own bookshelves, if you're to keep up-to-date and civilised, you'll have to have access to a good public library. In your work, in your play, your hobbies, your rearing of children, your civic and public interests, you'll be more effective and get more fun out of life if you make intelligent use of a good library. And if the whole family is to use such a library it will have to be handy, in your locality. If, as is so often the case, to our shame, here in South Australia, there is no such local public library (I mean a proper library—staffed by trained librarians, who can direct your attention to a constantly-refreshed stock of books) then get busy and demand one from your local council. It can be done—it HAS been done in a few cases—and if you want any advice on how to go about it, get in touch with the State Librarian, here on North Terrace.

Thirdly, take full advantage of the refresher courses, seminars, week-end schools and the like, organized by the University. Further, show some initiative by suggesting to the University additional ways in which it might help ventilate and clarify issues exercising the public mind. In doing this you would not only help to keep the University in touch with the community, but, by contributing your practical experience of affairs to such discussions, help to educate the University staff. In particular, you might help to minimise the persistent lag in the social sciences behind current realities. Many of us still remember the stimulus we got from our students when they included returned soldiers, able, from their own experience of the world, to supplement and even challenge what the textbooks had to say.

But remember that Universities must remain true to their academic nature and purpose. They are not universal providers, or 'service



stations', catering for all the immediate needs of a community. One of the most disconcerting notes in current student criticism is the complaint that most University courses are not closely related to job requirements and do not deal directly with burning social problems. Such criticism plays into the hands of people—found, all too frequently, among employers, politicians and I'm afraid amongst parents at large—who have no real understanding of the functions of a University. One of the simplest ways of describing these functions is to say that a University has obligations not only to the present but also to the past and to the future. It has to conserve and transmit what it deems valuable in past achievement, and to build, in the light of new knowledge and understanding, the community of the future. In doing so, it will be critical of many current ideas, beliefs and institutions, and will therefore be very disturbing to those with vested interests in the present order of things. But, having awakened critical thought in its students, and indicated the need for adaptation to the rapidly-changing order of things, it is not the function of a University to sponsor a political programme or campaign for particular reforms. That is the function of the so-called 'action groups' within the community, and it is for the community to decide as between the various—and conflicting—policies offered to it.

This is not the appropriate occasion to elaborate on that, and in any case I must stop. What I have been trying to say amounts simply to this: don't take yourselves too seriously just because you have a University degree. You still have a lot to learn—from other *people*, as well as from the books you're going to buy, or borrow from the libraries you'll help to establish, and then use. But do take yourselves seriously as products of a University, if only by keeping in touch with its Extension activities, and thus help it make its own distinctive contribution to the well-being of the community. And you can prove that you have absorbed something of the spirit of a University by taking a lively interest in, and showing a genuine concern for, what might be called collectively 'things of the mind'.

So, once again, congratulations and good luck.

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# Financial Statements

1968

## THE UNIVERSITY

*Income and Expenditure Account for the*

## INCOME

## NORTH TERRACE

	<i>Schedule</i>	1968	1967
	\$	\$	\$
<i>Government Grant for recurrent expenditure</i>		7,047,000	6,585,000
<i>Interest—</i>			
Treasury of South Australia .....	89,913		84,578
Agent-General .....	513		543
Mortgage Advances .....	1,282		1,523
Interest—Electricity Trust of S.A. ....	39,774		38,672
Interest—S.A. Gas Company .....	4,300		6,331
	<u>135,782</u>		<u>131,647</u>
<i>Less Interest Credited to Special Funds</i>	67,792		59,867
		67,990	71,780
<i>Interest and Dividends on Investments</i> .....		43,621	40,456
<i>Student Fees</i> .....	L	1,378,970	1,206,772
<i>Other Income</i> .....	M	53,448	44,582

<u>\$8,591,029</u>	<u>\$7,948,590</u>
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## OF ADELAIDE

year ended 31st December, 1968

## EXPENDITURE

## NORTH TERRACE

	<i>Schedule</i>	1968	1967
		\$	\$
<i>Departmental—</i>			
Salaries and Wages	A	5,030,821	4,679,187
Travelling Expenses—New Appointments		53,377	45,299
Faculty Expenses	B	54,787	58,081
Laboratory Maintenance Grants	A	375,062	383,146
Equipment and Furniture under \$10,000	A	65,713	88,163
		5,579,760	5,253,876
<i>Library—</i>			
Salaries		300,429	279,943
Books and Binding		221,487	214,012
		521,916	493,955
<i>Administrative Salaries</i>		409,535	374,877
<i>Research—</i>			
Salaries	A	263,672	208,986
Equipment under \$10,000	A	78,276	109,193
Maintenance	A	101,163	74,453
Travelling Expenses	A	16,874	21,717
		459,985	414,349
<i>Maintenance of Property—</i>			
Caretakers' and Cleaners' Wages		258,404	231,269
Building Repairs, Minor Reconstructions and Maintenance of Site	C	185,425	156,416
Maintenance of Sports Grounds		31,423	31,358
		475,252	419,043
<i>Sundry—</i>			
Payroll Tax		165,582	137,658
Scholarships and Prizes	D	54,787	51,271
General Expenses—Printing, Stationery, Miscellaneous	E	319,554	290,137
Gas, Water, Electricity, Insurance	F	195,682	197,266
Special Grants	C	105,739	87,510
Study Leave	H	74,678	65,870
Superannuation Retiring Allowances		19,201	—
Long Service Leave		21,169	—
		956,392	829,712
<i>Surplus, 1968 (Transferred to Income and Expenditure Appropriation Account)</i>		188,189	162,778
		\$8,591,029	\$7,948,590

## THE UNIVERSITY

*Income and Expenditure Account for the*

INCOME						
WAITE AGRICULTURAL RESEARCH INSTITUTE--						
<i>Schedule</i>					1968	1967
				\$	\$	\$
<i>Government Grant for recurrent expenditure</i>					1,213,000	1,125,000
<i>Interest</i>	...	.....	.....	N	19,420	23,256
<i>Other Income</i>	.....	.....	.....	O	1,210	1,342
 <i>Deficit, 1968 (Transferred to Income and Expenditure Appropriation Account) .....</i>					<u>16,221</u>	<u>2,375</u>
					<u>\$1,249,851</u>	<u>\$1,151,973</u>

OF ADELAIDE

year ended 31st December, 1968

## EXPENDITURE

## WAITE AGRICULTURAL RESEARCH INSTITUTE—

	<i>Schedule</i>	1968	1967
		\$	\$
<i>Departmental—</i>			
Salaries and Wages .....	I	612,609	571,658
Travelling Expenses—New			
Appointments .....		3,232	160
Faculty Expenses .....		1,859	2,745
Laboratory Maintenance Grants	I	59,803	60,198
Equipment and Furniture under			
\$10,000 .....	I	6,897	5,237
		<u>684,400</u>	<u>639,998</u>
<i>Library—</i>			
Salaries .....		11,589	11,363
Books and Binding .....		15,334	14,521
		<u>26,923</u>	<u>25,884</u>
<i>Administrative Salaries</i> .....		97,437	94,180
<i>Research—</i>			
Salaries .....	I	53,717	40,761
Equipment under \$10,000 .....	I	24,451	23,059
Maintenance .....	I	3,482	2,950
Travelling Expenses .....	I	623	205
		<u>82,273</u>	<u>66,975</u>
<i>Maintenance of Property—</i>			
Caretakers' and Cleaners' Wages .....		26,825	25,249
Building Repairs, Minor Reconstructions			
and Maintenance of Site .....	J	54,849	56,508
		<u>81,674</u>	<u>81,757</u>
<i>Sundry—</i>			
Payroll Tax .....		18,572	16,658
General Expenses—Printing, Stationery,			
Miscellaneous .....	K	63,192	54,293
Gas, Water, Electricity, Insurance .....		64,974	65,172
Study Leave .....		7,416	18,124
Long Service Leave .....		7,445	—
Superannuation Retiring Allowances .....		16,527	—
		<u>178,126</u>	<u>154,247</u>
<i>Farm—</i>			
Wages (including Gardeners) .....		51,601	47,428
Maintenance .....		8,693	8,781
Equipment .....		1,814	1,829
		<u>62,108</u>	<u>58,038</u>
<i>Mortlock Experiment Station—</i>			
Salaries .....		21,676	17,736
Maintenance .....		11,067	6,540
Equipment .....		2,483	4,802
Travel .....		1,684	1,816
		<u>36,910</u>	<u>30,894</u>
		<u>\$1,249,851</u>	<u>\$1,151,973</u>

## THE UNIVERSITY

*Income and Expenditure Account for the*


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		INCOME		
		<i>Schedule</i>	1968	1967
		\$	\$	\$
Total North Terrace	.....		8,591,029	7,948,590
Total Waite Institute	.....		1,249,851	1,151,973
			<hr/>	<hr/>
			\$9,840,880	\$9,100,563

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The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling \$1,230,130 detailed on pages 494-499h inclusive of these accounts.



## OF ADELAIDE

*year ended 31st December, 1968*

		EXPENDITURE		
		<i>Schedule</i>	1968	1967
			\$	\$
Total North Terrace	.....	.....	8,591,029	7,948,590
Total Waite Institute	.....	.....	1,249,851	1,151,973
			-----	-----
			\$9,840,880	\$9,100,563

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of The University of Adelaide, in respect of the year which ended on the 31st day of December, 1968, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named. We further certify that in terms of sections 3 and 6 of the Universities (Financial Assistance) Act, 1966-1967, in relation to the year 1968, the above financial statement correctly sets out the Fees and State Grants received by The University of Adelaide, that the Commonwealth Grant for recurrent purposes paid to the University in that year has been applied for expenditure (not being capital expenditure as defined in the Act) on University purposes and that the State grant of \$196,000 has been applied for expenditure on special research purposes.

ANNELLS, HUNWICK & CO., Chartered Accountants,  
 SPRY, WALKER & CO., Chartered Accountants.

Adelaide, 5th May, 1969.

## NORTH TERRACE 1968 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES

## SCHEDULE A

## DEPARTMENTAL FUNDS EXPENDED

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture under \$10,000	RESEARCH				TOTAL
				Salaries	Equipment under \$10,000	Maintenance	Travelling Expenses	
Classics	64,639	132	108	1,283	—	—	—	66,162
Philosophy	53,254	26	146	3,759	—	—	—	57,185
Psychology	144,926	8,453	2,239	5,176	2,348	2,711	—	165,853
Politics	58,292	283	155	523	—	357	53	59,663
History	185,291	1,101	28	3,786	—	1,686	2,444	194,336
English	172,869	287	301	8,574	—	95	1,400	183,526
French	57,412	86	60	1,800	—	12	—	59,370
German	55,892	371	451	4,458	—	30	400	61,602
Geography	113,284	6,714	94	1,221	530	566	1,085	123,494
Australian Linguistics	11,385	210	61	1,764	—	492	222	14,134
Education	57,198	498	12	—	—	429	—	58,137
Economics	148,183	812	100	7,865	—	276	—	157,236
Commerce	59,717	345	121	3,270	205	4	—	63,662
Physics	267,415	35,911	4,090	45,423	5,506	12,063	519	370,927
Organic Chemistry	148,059	29,093	4,907	19,562	955	6,949	—	209,525
Physical & Inorganic Chemistry	233,077	32,963	3,526	18,046	9,874	533	228	298,247
Mathematics	175,767	886	1,156	4,385	—	1,686	268	184,148
Mathematical Physics	44,566	2,300	200	3,254	2,152	—	—	52,472
Geology	137,858	9,354	2,650	6,635	2,355	1,370	3,317	163,539
Economic Geology	27,754	2,600	1,591	—	1,320	939	—	34,204
Botany	115,601	10,117	2,339	7,362	110	2,185	2,118	139,832
Botany Field Stations	—	17	—	—	—	—	—	17
Zoology	135,046	14,821	2,280	21,216	2,826	2,800	858	179,847
Genetics	78,445	4,501	273	464	180	2,393	40	86,296
Carried Forward	\$2,545,930	\$161,881	\$26,888	\$169,826	\$28,361	\$37,576	\$12,952	\$2,983,414

DEPARTMENTAL FUNDS EXPENDED—1968—NORTH TERRACE—SCHEDULE A (Continued)

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture under \$10,000	RESEARCH				TOTAL
				Salaries	Equipment under \$10,000	Maintenance	Travelling Expenses	
Brought Forward	\$2,545,930	\$161,881	\$26,888	\$169,826	\$28,361	\$37,576	\$12,952	\$2,983,414
Biochemistry	106,059	23,000	5,667	13,612	4,067	1,513	1,325	155,243
Physiology	149,889	10,338	1,729	8,270	340	4,352	464	175,382
Medical Workshop	—	938	—	—	—	—	—	938
Microbiology	102,457	12,000	900	14,431	4,454	164	251	134,657
Pathology	73,400	4,652	593	62	1,288	307	—	80,302
Medical Animal House	—	3,000	600	—	—	—	—	3,600
Anatomy	97,521	5,331	497	—	1,171	—	—	104,520
Medicine	114,035	4,091	273	2,431	713	4,053	169	125,765
Obstetrics	79,076	5,500	86	617	2,020	711	—	88,010
Surgery	101,783	2,861	523	5,583	2,324	557	—	113,631
Surgery—Hospital Animal House	—	2,341	187	—	—	12	—	2,540
Child Health	57,742	2,352	500	1,595	664	478	71	63,402
Mental Health	45,596	811	2,056	—	114	135	70	48,782
Dentistry	227,563	8,940	2,889	1,956	2,435	2,259	170	246,212
Law	156,358	655	301	5,755	82	36	260	163,447
Music	69,718	—	—	9,075	8	170	—	78,971
Elder Conservatorium	128,053	10,000	986	—	—	20	—	139,059
Civil Engineering	153,189	4,493	1,038	—	983	588	—	160,291
Mechanical Engineering	137,305	6,170	731	—	2,226	990	196	147,618
Electrical Engineering	133,536	9,357	2,145	6,937	2,786	2,162	345	157,268
Chemical Engineering	99,448	7,852	3,001	3,105	12,916	2,999	—	129,321
Architecture	98,329	2,860	1,701	557	1,213	36	66	104,762
Computing Science	90,413	35,000	1,000	11,085	3,228	1,134	415	142,275
Computing Block Grant	—	—	—	—	—	24,880	—	24,880
Social Studies	17,577	260	—	—	—	—	—	17,837
Carried Forward	\$4,784,977	\$324,683	\$54,291	\$254,897	\$71,393	\$85,132	\$16,754	\$5,592,127

## DEPARTMENTAL FUNDS EXPENDED—1968—NORTH TERRACE—SCHEDULE A (Continued)

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture under \$10,000	RESEARCH				TOTAL
				Salaries	Equipment under \$10,000	Maintenance	Travelling Expenses	
Brought Forward	\$4,784,977	\$324,683	\$54,291	\$254,897	\$71,393	\$85,132	\$16,754	\$5,592,127
Engineering Workshop	—	4,801	1,000	—	—	—	—	5,801
Electron Microscope	—	2,400	—	—	41	79	—	2,520
Physiotherapy	41,475	355	344	324	163	12	—	42,673
Survey Camp	—	1,215	—	—	—	—	—	1,215
Barr Smith Library	—	14,959	954	—	—	1,250	—	17,163
Administration	—	—	2,250	—	—	—	—	2,250
Pensions & Gratuities	9,788	—	—	—	—	—	—	9,788
Physical Education	40,235	1,500	201	—	387	70	—	42,393
Mawson Institute	24,378	5,783	988	6,302	6,292	750	—	44,493
Caretakers & Cleaners	—	—	2,790	—	—	—	—	2,790
Ancillary Staff Superannuation	38,347	—	—	—	—	—	—	38,347
Central Animal House	18,959	13,000	400	—	—	—	—	32,359
Health Service	20,123	850	152	—	—	—	—	21,125
Language Laboratory	9,183	1,211	653	—	—	—	—	11,047
Radiation Safety	—	621	—	—	—	—	—	621
Books—for Research Purposes	—	—	—	—	—	13,120	—	13,120
Medical School Admin.	—	201	176	—	—	—	—	377
Maintenance Workshop	—	—	853	—	—	—	—	853
Publications Committee	—	2,420	—	—	—	—	—	2,420
Statistics	43,356	347	362	2,149	—	750	120	47,084
Student Counselling Service	—	716	199	—	—	—	—	915
Photo Services	—	—	100	—	—	—	—	100
	\$5,030,821	\$375,062	\$65,713	\$263,672	\$78,276	\$101,163	\$16,874	\$5,931,581

## THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account 1968—Continued

EXPENDITURE			
NORTH TERRACE		\$	\$
B. Faculty Expenses—			
Arts—Printing and Stationery	.....	3,448	
" Advertising	.....	3,443	
" Additional Examiners and Supervisors	.....	642	
Economics—Printing and Stationery	.....	945	
" Advertising	.....	216	
" Additional Examiners and Supervisors	.....	17	
Science—Printing and Stationery	.....	1,262	
" Advertising	.....	5,112	
" Additional Examiners and Supervisors	.....	2,706	
Medicine—Printing and Stationery	.....	600	
" Advertising	.....	2,372	
" Additional Examiners and Supervisors	.....	714	
Commerce—Advertising	.....	9	
Dentistry—Printing and Stationery	.....	177	
" Advertising	.....	1,286	
" Additional Examiners and Supervisors	.....	1,188	
Law—Printing and Stationery	.....	555	
" Advertising	.....	10	
" Additional Examiners and Supervisors	.....	742	
Music—Printing and Stationery	.....	134	
" Advertising	.....	240	
Conservatorium—Advertising	.....	59	
Engineering—Printing and Stationery	.....	1,774	
" Advertising	.....	675	
" Additional Examiners and Supervisors	.....	584	
Architecture—Printing and Stationery	.....	96	
" Advertising	.....	876	
" Additional Examiners	.....	10	
Examination Expenses—Degree and Diploma	.....	12,125	
Faculty Expenses—General	.....	12,216	
Physical Education—Printing and Stationery	.....	83	
" Advertising	.....	282	
Physiotherapy—Printing and Stationery	.....	47	
Pharmacy—Printing and Stationery	.....	142	
		-----	\$54,787

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

## EXPENDITURE

	\$	\$
C. <i>Building Repairs, Minor Reconstructions and Maintenance of Site—</i>		
Miscellaneous .....	15,515	
Mitchell Building .....	7,401	
Elder Conservatorium .....	812	
Bonython Hall .....	396	
Prince of Wales Building .....	2,490	
Physics Building .....	11,517	
Darling Building .....	5,073	
Observatory .....	215	
Union Buildings .....	5,534	
Johnson Laboratories .....	5,180	
Benham Building .....	7,644	
Barr Smith Library .....	3,980	
Mathematics Building .....	945	
Main Engineering Building .....	5,943	
Mechanical Engineering Building .....	785	
Medical Building .....	19,443	
Mawson Laboratories .....	11,038	
Organic Chemistry Building .....	3,852	
R. A. Fisher Laboratories .....	9,165	
Napier Building .....	9,407	
Central Animal House .....	5,930	
Bragg Laboratories .....	524	
Staff Club Building .....	346	
Physical Education Centre .....	197	
Engineering Annexe .....	2,484	
New Physical Chemistry Building .....	1,266	
Maintenance Workshop .....	1,406	
Buckland Park Field Station .....	815	
Field Station—		
Botany .....	22	
Mount Torrens .....	2,881	
St. Kilda .....	141	
Barr Smith Library Complex Stage I .....	15	
Ligertwood Building .....	555	
Gardeners' Wages .....	23,098	
Maintenance of Site .....	19,410	
	<u>          </u>	<u>\$185,425</u>

## EXPENDITURE

## D. SCHOLARSHIPS AND PRIZES — 1968

Name	Opening Balance 1/1/68	Income	Expenditure	Closing Balance 31/12/68
Barr Smith Prize for Greek .. .. .	\$ 26	\$ 16	\$ 20	\$ 22
Andrew Scott Prize for Latin .. .. .	—	12	12	—
James Gartrell Prize .. .. .	61	23	20	64
John Howard Clark Prizes .. .. .	478	78	—	556
The Tormore Prize .. .. .	48	16	12	52
Byard Prize .. .. .	68	40	12	96
Sir Archibald Strong Memorial Prize .. .. .	620	83	50	653
Edith Hubbe and Harriett Cook Prize .. .. .	385	71	50	406
Bundey Prize for English Verse .. .. .	177	31	—	208
M. Rees George Memorial Prize .. .. .	158	29	20	167
Hope Crampton Prize for French .. .. .	7	11	10	8
Violet de Mole Scholarship for French .. .. .	586	78	20	644
Carried Forward .. .. .	\$2,614	\$488	\$226	\$2,876

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

Name	Opening Balance 1/1/68	Income	Expenditure	Closing Balance 31/12/68
	\$	\$	\$	\$
Brought Forward .. .. .	\$2,614	\$488	\$226	\$2,876
Weimar-Ohlstrom Prizes (German) .. .. .	40	37	36	41
A. J. Schulz Prizes in German .. .. .	828	190	110	908
Fred Johns Scholarship for Biography .. .. .	5,073	428	—	5,501
Tinline Scholarship for History and Politics .. .. .	218	114	60	272
Natalia Davies Prize .. .. .	26	33	40	19
Roby Fletcher Prize .. .. .	—	17	20	— *
Jefferis Memorial Medals for Philosophy .. .. .	45	7	6	46
The Australian Psychological Society Prize .. .. .	10	20	10	20
Anna Florence Booth Prize in Social Studies .. .. .	816	123	—	939
John Lewis Prize .. .. .	—	10	10	—
Charles Fenner Prize in Geography .. .. .	18	12	10	20
Archibald Grenfell Prize in Geography .. .. .	26	13	11	28
New Education Fellowship .. .. .	138	5	40	103
Edith Puddy Prize .. .. .	6	14	12	8
Gavin David Young Lectureship Fund .. .. .	1,293	321	400	1,214
John F. Kennedy Memorial Scholarship .. .. .	—	209	200	9
Ernest Ayers Scholarship—Botany .. .. .	397	231	60	568
John Bagot Scholarship and Medal .. .. .	1,416	124	85	1,455
Elsie Marion Cornish Prize .. .. .	216	37	15	238
J. G. Wood Memorial Scholarship .. .. .	136	64	—	200
The Rennie Scholarship .. .. .	12	37	35	14
Tate Memorial Medal Fund .. .. .	60	10	—	70
James Barrans Scholarship .. .. .	601	339	350	590
J. R. Wilton Prize .. .. .	30	12	10	32
Union Carbide Prize .. .. .	Dr. 100	300	200	—
Sir Ronald Fisher Prize in Genetics .. .. .	55	22	60	17
Sir Ronald Fisher Memorial Scholarship .. .. .	91	146	81	156
C.S.R. Chemical Prize .. .. .	100	100	100	100
R. K. Morton Scholarship in Biochemistry .. .. .	16	114	100	30
Phillips Prizes in Physics .. .. .	—	500	500	—
Ena Orrock Lewcock Award in Botany .. .. .	—	11	—	11
Pfizer Prize in Microbiology .. .. .	—	50	50	—
D. G. Adam Memorial Prize .. .. .	141	39	30	150
T. E. Barr Smith Travelling Scholarship .. .. .	2,092	2,434	2,008	2,518
R. K. Morton Scholarship in Agricultural Biochemistry .. .. .	116	116	100	132
Angas Engineering Exhibition .. .. .	464	446	90	820
Sir Robert Chapman Prize .. .. .	71	35	42	64
Humes Prize in Civil Engineering .. .. .	Dr. 50	50	—	—
Australian Welding Institute Prize .. .. .	Dr. 40	40	—	—
James Hardie Prize in Civil Engineering .. .. .	—	100	100	—
The Lokan Prize .. .. .	47	13	—	60
E. V. Clark Prize in Electrical Engineering .. .. .	212	11	—	223
Gerard Prize .. .. .	42	42	42	42
Electricity Trust of S.A. Prize in Electrical Engineering .. .. .	—	121	121	—
The Cable Makers Association Prize .. .. .	Dr. 21	21	—	—
S.A. Chamber of Manufactures Prize .. .. .	Dr. 20	20	—	—
Philips Electrical Industries Prize in Electronics .. .. .	—	120	120	—
I. R. E. Fisk Prize .. .. .	Dr. 50	50	—	—
Sir William Goodman Scholarship .. .. .	1,315	517	200	1,632
The Johns-Perry Prize .. .. .	Dr. 42	84	42	—
Aust. Institute of Steel Construction Junior Prize .. .. .	—	100	100	—
Rutter-Jewell Thomas Medal and Prize .. .. .	523	77	60	540
Albright and Wilson Prize in Chemical Engineering .. .. .	Dr. 63	63	—	—
Petroleum Refineries Prize .. .. .	Dr. 100	100	—	—
Esso Standard Oil Prize .. .. .	20	40	—	60
Stow Prize and Scholarships .. .. .	—	65	120	— *
R. W. Bennett Prize .. .. .	194	61	48	207
Angas Parsons Prize .. .. .	500	117	100	517
Justin Skipper Prize .. .. .	138	23	—	161
Thomas Gepp Prize .. .. .	155	28	20	163
Roy Frisby Smith Prize .. .. .	80	106	100	86
Baker Scholarship in Law .. .. .	2,195	646	—	2,841
The Elder Prize .. .. .	—	—	40	— *
Sir Hugh Cairns Memorial Prize .. .. .	564	148	90	622
Christopher and John Campbell Prize .. .. .	115	58	50	123
Carried Forward .. .. .	\$22,779	\$10,029	\$6,460	\$26,446

## THE UNIVERSITY OF ADELAIDE

## Schedules — Income and Expenditure Account 1968 — Continued

Name	Opening Balance 1/1/68	Income	Expenditure	Closing Balance 31/12/68
Brought Forward	\$22,779	\$10,029	\$6,460	\$26,446
Herbert John Wilkinson Memorial Prize	596	424	200	820
Smith Kline and French Prize in Microbiology	—	100	100	—
Dr. Davies-Thomas Scholarship	36	65	60	41
J. B. Cleland Prize—Pathology	23	15	10	28
T. L. Borthwick Memorial Prize	28	12	10	30
Sir Archibald Watson Prize	29	19	16	32
Dr. Chas. Gosse Lectureship	1,622	205	—	18 27
Everard Scholarship	110	111	100	121
The Lister Prize	19	11	7	23
A.M.A. Prize	—	21	21	—
William Gardner Scholarship	—	216	204	12
Carnation Company Prize	—	84	—	84
The Shorney Prize	424	128	—	552
Aust. College of General Practitioners	—	40	40	—
Ruth Heighway Memorial Prize	47	77	140	—*
Pfizer Prize in Gynaecology	50	—	—	50
Ethnor Prize	—	200	200	—
Bertha H. Sudholz Scholarships	831	256	—	1,087
T. G. Wilson Travelling Scholarship	1,117	324	—	1,441
Roche Products Prize	—	40	40	—
John Barker Scholarship	1,712	409	—	2,121
Keith Sheridan Prize	531	113	—	644
Mental Health Association Prize	—	50	50	—
Eugene Abraham Matisson Prize	—	53	50	3
H. K. Fry Prize—Psychological Medicine	—	34	50	—*
Wood-Jones Scalpel Prize	—	11	—	11
Thomas D. Hannon Prize	125	20	12	133
Dental Board of S.A.	52	85	80	57
General Practice Study Group Prize	—	21	42	Dr. 21
Malcolm Joyner Prize	21	21	42	—
Austen Basely Prize	—	27	50	—*
G. O. Lawrence—Scholarship or Fellowship	612	4,346	—	4,958
Aust. Society of Orthodontists Prize	40	40	80	—
Aust. Dental Association Prize	—	31	63	Dr. 31
Professor J. H. B. Tew—Prizes in Economics	21	11	10	22
Adelaide Chamber of Commerce Prize in Economics	—	21	21	—
Economic Society Prize	—	42	42	—
John Lorenzo Young Scholarship	484	56	30	510
John Creswell Scholarship	1,107	196	—	1,303
George Thompson Bursary	150	24	—	174
Archibald Mackie Bursary	118	17	—	135
Joseph Fisher Medal and Lecture	58	106	451	—*
Aust. Society of Accountants Prize	150	60	210	—
Institute of Chartered Accountants Prize	—	21	21	—
Kenneth and Hazel Milne Travelling Scholarship in Architecture	3,752	1,011	400	4,363
James Hardie Prize in Architecture	—	100	100	—
S.A. Gas Co. Prize in Architecture	100	200	200	100
Clive E. Boyce Scholarship	1,625	616	—	2,241
Royal Aust. Institute of Architects (S.A. Chapter) Prize	—	90	90	—
John Storey Prizes	—	21	21	—
George Murray Scholarships	5,395	27,000	23,568	8,827
Chapman Memorial Scholarship	1,112	213	140	1,185
W. Donnithorne Award	1,249	412	—	1,661
Baillieu Research Scholarships	5,869	824	—	6,693
David Murray Scholarship	404	413	285	532
John L. Young Scholarship	355	121	80	396
St. Alban Scholarship	94	21	—	115
United Nations Prize	449	34	—	483
Hartley Studentship	89	68	50	107
William Culross Prize	40	29	—	69
Mining and Metallurgical Bursaries	—	300	300	—
Thornber Bursary	83	51	45	89
Way Old Collegians Prize	45	23	10	58
Tennyson Medal	18	12	—	30
Carried Forward	\$53,571	\$49,751	\$34,201	\$69,562



THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

Name	Opening Balance 1/1/68	Income	Expenditure	Closing Balance 31/12/68
<b>Brought Forward</b>	\$ 553,571	\$ 449,751	\$ 334,201	\$ 669,562
Hardwicke College Prize	28	12	6	34
Annie Montgomery Martin Prize	—	16	10	6
J. E. Jenkins Scholarship	2,460	859	400	2,919
Eva Lines Memorial Scholarship	327	69	30	366
Eric Smith Scholarship	—	69	390	—*
E. W. Way Lectureship	347	69	—	416
Arthur R. Riddle Scholarships	—	118	—	118
Alexander Clark Memorial Prize	288	42	—	330
Eugene Alderman Scholarship	241	90	37	294
Selbourne Moutray Russell Scholarship	804	149	50	903
Lucy Josephine Bagot Prize	67	56	—	123
J. Varley Scholarship	752	146	—	898
Anders and Reimers Scholarship	910	129	—	1,039
Robert Whinham Prize	53	12	—	65
Gladys Lloyd Thomas Scholarship	207	63	43	227
E. Harold Davies Fund	219	65	—	284
Florence Cook Violin Prize	87	16	—	103
Dr. Ruby Davy Scholarship	326	49	—	375
Guli Magarey Scholarship	1	53	—	54
Frederick Bevan Memorial Scholarship	391	84	60	415
Elder Overseas Scholarship	2,978	1,254	624	3,608
Maude Puddy Scholarship	311	69	—	380
Athol Lykke Award for Post Graduate Studies	1,868	367	8	2,227
Lienau Prize	231	65	40	256
Clement Q. Williams	38	55	—	93
William Silver Scholarship	77	178	148	107
Mrs. Arno Pontt (May Gepp) Scholarship	55	56	50	61
Norman Chinner Scholarship	—	64	—	64
	\$66,637	\$54,025	\$36,097	\$85,327

\* The closing balances of these scholarship accounts have been transferred to the Income and Expenditure Account.

Expenditure (Column 3)	\$36,097
Excess—Closing Balance	\$85,327
Opening Balance	\$66,637
	\$18,690

\$54,787

EXPENDITURE

NORTH TERRACE

E. General Expenses—

	\$	\$	\$
Caretaking and Cleaning		21,040	
Miscellaneous Charges		16,230	
Printing and Stationery—General		52,679	
Advertising—General		1,302	
Bank Charges, Duty Stamps and Exchange		2,753	
Postages and Telegrams		26,450	
Maintenance of Office Machines		3,110	
Auditors' Fees and Legal Expenses		3,900	
Senate		1,609	
Telephone Charges		73,125	
Calendar—Printing		14,558	
Fire Protection Charges		3,029	
Laundry Services		9,213	
Travelling Expenses		805	

Carried forward 229,803

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

## EXPENDITURE

## NORTH TERRACE

	\$	\$	\$
Brought forward .....		229,803	
Australian Vice-Chancellors' Committee— Expenses .....		8,706	
Maintenance of Lifts—General .....		7,243	
Maintenance of Lifts—Medical Building ..		1,887	
General Service Vehicle Maintenance .....		1,803	
Staff Fees Payable to Institute of Technology and other Schools .....		2,762	
Heating and Ventilation— Napier Building .....		4,707	
Bragg Laboratories .....		90	
Barr Smith Library .....		733	
Ligertwood Building .....		460	
Johnson Laboratories .....		80	
Open Day Expenses .....		2,169	
Workshop Overhead Expenses .....		18,846	
Departmental Removals and Expenses .....		96	
Martindale Hall Expense Account .....		15	
Stamp Duties—Superannuation Policies .....		14	
Public Examination Board—transfer to write off deficit .....		43,291	
		<u>322,705</u>	
<i>Deduct Credit Balances—</i> Discount Received .....		3,151	
		<u>319,554</u>	
<b>F. Gas, Water, Electricity and Insurance—</b> Gas and Electricity Supply ..		133,078	
Water Rates ..		23,454	
Insurance Premiums .....		39,150	
		<u>195,682</u>	
<b>G. Special Grants—</b> Australian Journal .....		5,000	
Adult Education .....		60,500	
Publications Fund .....		600	
Staff Club .....	400		
Staff Club—Clerical Assistance .....	800		
	<u>1,200</u>		
Theatre Guild .....		800	
Anthropological Research .....		400	
Postgraduate Committee in Medicine .....		6,400	
Australian Institute of Nuclear Science and Engineering .....		3,000	
Donation—Adelaide University Regimental Band .....		100	
University Centennial Fund .....		16,039	
Waite Institute Cafeteria .....		1,200	
University Colleges ..		10,500	
		<u>105,739</u>	
<b>H. Study Leave—</b> General .....		59,864	
Research-type Conferences ..		9,920	
Visiting Lecturers .....		2,664	
Short Overseas Conferences .....		2,230	
		<u>74,678</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE—SCHEDULE I.

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture under \$10,000	RESEARCH				TOTAL
				Salaries	Equipment under \$10,000	Maintenance	Travelling Expenses	
Agronomy and Plant Breeding	166,040	12,465	—	6,700	4,059	1,275	473	191,012
Agricultural Biochemistry & Soil Science	151,535	16,051	—	9,331	5,286	199	150	182,552
Plant Pathology	106,028	8,101	—	9,045	4,815	92	—	128,081
Entomology	88,287	6,500	—	3,831	3,517	226	—	102,361
Plant Physiology	55,937	7,101	—	8,885	1,698	1,008	—	74,629
Animal Physiology	37,513	5,501	—	1,957	2,235	11	—	47,217
Pensions & Gratuities	7,269	—	—	—	—	—	—	7,269
Biometry	—	—	—	7,210	—	—	—	7,210
South Wing Basement	—	501	—	—	—	—	—	501
Glasshouses	—	3,583	—	—	—	—	—	3,583
Furniture	—	—	1,721	—	—	—	—	1,721
Equipment	—	—	5,176	—	—	—	—	5,176
Electron Microscope	—	—	—	2,601	995	634	—	4,230
Electronics Workshop	—	—	—	4,157	902	37	—	5,096
Animal Experiments Committee	—	—	—	—	944	—	—	944
	\$612,609	\$59,803	\$6,897	\$53,717	\$24,451	\$3,482	\$623	\$761,582

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

## EXPENDITURE

## WAITE AGRICULTURAL RESEARCH INSTITUTE—

	\$	\$	\$
<b>J. Building Repairs, Minor Reconstructions and Maintenance of Site—</b>			
Miscellaneous .....		12,378	
Houses and Cottages .....		774	
Buildings General .....		6,818	
Minor Works .....		17,982	
Gardeners' Wages .....		9,562	
Road Repairs .....		1,600	
Maintenance of Site .....		5,735	
		<u>54,849</u>	\$54,849
<b>K. General Expenses—</b>			
Telephone .....		14,012	
Printing and Stationery .....		8,327	
Freight and Cartage ... ..		90	
Photography .....		1,416	
Publications ... ..		3,478	
Travelling Expenses—			
General Administration .....		2,100	
Agronomy and Plant Breeding .....		6,640	
Agricultural Biochemistry and Soil			
Science .....		1,303	
Plant Pathology .....		2,581	
Entomology .....		4,407	
Plant Physiology .....		1,157	
Animal Physiology .....		577	
Postages .....		3,997	
Laundry .....		1,541	
Cleaners' Materials .....		3,135	
Sundries .....		6,453	
Safety Committee .....		1,978	
		<u>63,192</u>	\$63,192

## INCOME

## NORTH TERRACE

<b>L. Fees—</b>			
Arts ..		232,455	
Economics .....		90,943	
Science .....		304,520	
Medicine .....		206,289	
Dentistry .....		64,057	
Law ..		116,537	
Music .....		15,842	
Conservatorium .....		22,734	
Engineering ... ..		163,908	
Technology ..		3,970	
Social Studies .....		8,742	
Physiotherapy .....		23,737	
Agricultural Science .....		58,188	
Physical Education ... ..		5,947	
Architecture ..		55,307	
Pharmacy .....		5,794	
		<u>1,378,970</u>	\$1,378,970

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

## INCOME

	NORTH TERRACE	\$	\$	\$
M. <i>Other Income</i>				
Rent Investment—Properties	.....	4,903		
Less Maintenance—Properties	.....	1,562		
			3,341	
Calendar Sales	.....		1,917	
Hire of Rooms	.....		847	
Statement of Academic Record	.....		1,161	
Commonwealth Government Grant— Physical Education	.....		4,200	
Superannuation Commission	.....		3,656	
Library Fees	.....		378	
Library Fines	.....		3,954	
Donations towards establishment Business Management Course	.....		5,400	
Donations towards Chair of Microbiology..	.....		600	
Commonwealth Postgraduate Scholarships	.....		17,556	
Annual Contribution by Union to Health Service	.....		6,900	
Administration charge refund P.E.M.	.....		1,827	
			51,737	
Less Transfer to Fund for Replacement of Major Equipment and Plant ...	.....		10,000	
			41,737	
<i>External Scholarships and Prizes—</i>				
Byard Prize	.....		36	
Hope Crampton Prize	.....		11	
Weimar-Ohlstrom Prizes	.....		36	
Australian Psychological Society Prize	.....		20	
John Lewis Prize in Geography	.....		10	
Charles Fenner Prize in Geography	.....		11	
Sir Archibald Grenfell Prize Prize in Geography	.....		12	
J. G. Wood Memorial Scholarship	.....		53	
J. R. Wilton Prize	.....		11	
Union Carbide Prize	.....		300	
Sir Ronald Fisher Prize in Genetics	.....		21	
C.S.R. Chemicals Prize	.....		100	
Philips Prizes in Physics	.....		500	
Ena Orrock Lewcock Award in Botany	.....		11	
Pfizer Prize in Microbiology	.....		50	
T. E. Barr Smith Travelling Scholarship— Agriculture	.....	2,300		
Humes Prize in Civil Engineering	.....	50		
Australian Welding Institute Prize	.....	40		
James Hardie Prize in Civil Engineering ...	.....	100		
Gerard Prize	.....	42		
Electricity Trust of S.A. Prize in Electrical Power Engineering	.....	121		
The Cable Makers Association Prize	.....	21		
S.A. Chamber of Manufactures Prize in Electronic Control	.....	20		
Philips Electrical Industries Prize in Electronics	.....	120		
I. R. E. Fisk Prize	.....	50		
Sir William Goodman Scholarship ...	.....	450		
Carried forward	.....	4,496	41,737	

## THE UNIVERSITY OF ADELAIDE

Schedules - Income and Expenditure Account 1968 - Continued

## INCOME

## NORTH TERRACE

	\$	\$	\$
Brought forward .....		4,496	41,737
The Johns-Perry Prize in Mechanical Engineering .....		84	
Australian Institute of Steel Construction Junior Prize .....		100	
Rutter Jewell-Thomas Medal and Prize .....		51	
Albright & Wilson Prize in Chemical Engineering Design .....		63	
Petroleum Refineries (Aust.) Pty. Ltd. Prize in Chemical Engineering .....		100	
Esso Standard Oil (Aust.) Pty. Ltd. Prize for Engineering Materials .....		40	
Smith Kline & French Prize in Microbiology .....		100	
A.M.A. Clinical Medicine Prize .....		21	
Carnation Company Prize .....		84	
Australian College of General Practitioners Prize .....		40	
Ethnor Prize .....		200	
Roche Products Prizes .....		40	
Mental Health Association Prize .....		50	
H. K. Fry Prize—Psychological Medicine .....		33	
Wood-Johns Scalpel Prize .....		1	
General Practice Study Group .....		21	
Malcolm Joyner Prize .....		21	
G. O. Lawrence Scholarship in Conservative Dentistry .....		4,041	
Australian Society of Orthodontists Prize .....		40	
Australian Dental Association Prize .....		31	
Adelaide Chamber of Commerce Prize .....		21	
Economic Society Prize .....		42	
Australian Society of Accountants Prize .....		60	
Institute of Chartered Accountants Prize .....		21	
Kenneth and Hazel Milne Travelling Scholarship in Architecture .....		810	
James Hardie Prize in Architecture .....		100	
S.A. Gas Co. Prize in Architecture .....		200	
Royal Australian Institute of Architects (S.A. Chapter) Prize .....		90	
John Storey Prizes .....		21	
Mining and Metallurgical Bursaries .....		300	
Arthur R. Riddle Scholarships .....		118	
Florence Cooke Violin Prize .....		11	
Athol Lykke Award for Postgraduate Studies in Medicine .....		260	
		<u>11,711</u>	
			<u>\$53,448</u>

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1968 — Continued

## INCOME

## NORTH TERRACE

	\$	\$	\$
<b>N. Interest and Dividends—</b>			
Peter Waite Trust Fund .....		7,481	
Elizabeth MacMeikan Estate .....		3,000	
Hugh Hughes Estate .....		4,504	
James Waite Estate .....		106	
W. D. Grigg Estate .....		391	
W. H. Sandland .....		2,139	
Mrs. L. M. Owen-Smyth .....		209	
Ranson Mortlock .....		1,590	
		<u>19,420</u>	\$19,420
<b>O. Sundry Income—</b>			
Sundry Rents .....		1,044	
Sundry Sales .....		160	
Bacterial Culture .....		6	
		<u>1,210</u>	\$1,210

*Statement of Balances of Capital*

## NORTH TERRACE

## LIABILITIES AND TRUSTS

	<i>Schedule</i>	1968	1967
		\$	\$
<i>Endowments and Grants—</i>			
General .....	(1)	3,108,205	2,929,353
Sale of Country Land .....		80,000	80,000
Sale of Alverstoke Estate .....		24,000	24,000
Grants, Donations for University Site .....	(2)	23,552	23,552
Contributions to Buildings and Fittings:			4,015,407
Government of S.A. ....		4,023,150	3,860,206
Commonwealth Government .....		3,860,206	449,132
From Accumulated Funds .....		449,132	215,893
University Union Building Appeal .....		215,893	56,607
Sundry Donations .....	(3)	56,607	
		11,840,745	11,654,150
 <i>Reserves and Special Funds—</i>			
Invalidity Scheme Fund .....		87,245	74,518
Personal Superannuation Accounts .....		899,881	733,879
Ancillary Staff Superannuation .....		165,368	129,031
Share Fluctuation Reserve .....		140,756	131,162
Fund for Replacement of Major Plant .....		84,869	74,869
Motor Vehicle Replacement Fund .....		6,431	9,239
Grants for Buildings, Fittings and Major Equipment:			768,695
Government of S.A. ....		1,004,695	768,695
Commonwealth Government .....		1,004,695	40,000
Donation towards Purchase of Land .....		40,000	45,342
Bank of Adelaide .....		40,984	67,124
Scholarship Funds .....	(4)	85,380	36,651
Library Funds .....	(5)	40,332	1,458,274
Special Funds .....	(6)	1,750,927	
Income and Expenditure Appropriation Account .....	(7)	332,370	160,403
		5,683,933	4,497,882
Carried forward .....		\$17,524,678	\$16,152,032



## OF ADELAIDE

Accounts as at 31st December, 1968

## NORTH TERRACE

		ASSETS		
		Schedule	1968	1967
		\$	\$	\$
<i>Investment of Endowments and Grants—</i>				
Commonwealth Inscribed Stock	(16)	61,080		65,808
Share and Stock Investments	(17)	1,829,375		1,433,628
University Site		23,552		23,552
University Buildings	(18)	9,439,533		9,432,605
Other Lands and Buildings	(19)	425,160		409,601
Advances on Mortgages	(20)	21,950		26,861
Funds held by Trustees	(21)	20,095		20,095
Funds due to the University		20,000		242,000
			11,840,745	11,654,150
 <i>Investment of Reserves and Special Funds—</i>				
Electricity Trust Debentures		596,847		608,753
S.A. Gas Company Bonds		900,000		—
S.A. Housing Trust Debentures		250,000		—
Investment Properties and Improvements		4,995		4,995
Current Balances:				
Invested on Deposit with Treasury of S.A.		1,096,726		2,048,016
Agent-General for S.A., London		19,818		17,880
Cash, Debtors	(22)	285,240		204,826
Buildings in Progress	(23)	2,530,307		1,613,412
			5,683,933	4,497,882
Carried forward			\$17,524,678	\$16,152,032

*Statement of Balances of Capital*

## NORTH TERRACE

## LIABILITIES AND TRUSTS

	<i>Schedule</i>	1968	1967
	\$	\$	\$
Brought forward .....		17,524,678	16,152,032
<i>Funds Expended on Equipment—</i>			
Contributed from Accumulated Income	478,575		478,575
Donations for Equipment .....	(8) 1,736,062		1,531,378
Donations for Library .....	(9) 104,918		100,096
<i>Funds Provided by Government of S.A.—</i>			
Equipment and Furniture .....	3,390,311		3,249,452
Library .....	1,845,403		1,623,916
Equipment over \$10,000 .....	169,947		169,947
<i>Funds Provided by Commonwealth Government—</i>			
Equipment and Furniture .....	370,107		370,107
Equipment over \$10,000 .....	169,947		169,947
		<u>8,265,270</u>	<u>7,693,418</u>
 <i>WAITE AGRICULTURAL RESEARCH INSTITUTE—</i>			
Endowments—General .....	(10) 535,570		534,856
Endowments for Laboratories .....	(11) 70,000		70,000
Donations .....	(12) 671,523		631,668
Contributed from Accumulated Income	185,393		185,393
Unexpended Funds .....	(13) 335,098		223,162
Motor Vehicle Replacement Fund .....	17,372		10,230
Funds Provided for Buildings, Fittings and Equipment:			
Government of S.A. ....	(14) 1,453,908		1,391,987
Commonwealth Government .....	(15) 250,528		250,528
		<u>3,519,392</u>	<u>3,297,824</u>
 <i>Anti-Cancer Foundation—</i>			
Lord Mayor's Cancer Appeal \$247,717			
Deduct Deficit, 1968 .....	39,526		
		<u>208,191</u>	<u>247,718</u>
A.A.E.C. Grant .....	4,000		4,000
Part of Special Grant by Government of S.A. towards Purchase of Linear Accelerator .....	32,000		32,000
Grant by Government of S.A. for Gamma Ray Spectrometer .....	20,000		20,000
Donation for Hostel .....	14,000		14,000
Provision for Loss on Realisation of Stock .....	9,050		9,050
Cytology Service—Accumulated Balance	84,298		84,298
Hoare Estate—Reserve for Fluctuation in Shares .....	277		277
Equipment Fund .....	8,116		6,366
Current Account .....	28,401		—
		<u>408,333</u>	<u>417,709</u>
		<u>\$29,717,673</u>	<u>\$27,560,983</u>

## OF ADELAIDE

Accounts as at 31st December, 1968

## NORTH TERRACE

		ASSETS			
		Schedule		1968	1967
				\$	\$
	Brought forward	.....	.....	17,524,678	16,152,032
<i>Equipment—</i>					
	Equipment and Furniture	.....	(24)	6,142,197	5,796,655
	Library Books and Binding	.....	(25)	2,123,073	1,896,763
				8,265,270	7,693,418
 WAITE AGRICULTURAL RESEARCH INSTITUTE—					
	Electricity Trust Debentures	.....	.....	48,764	52,422
	Share and Stock Investments	.....	(26)	15,122	15,097
	Funds held by Trustees	.....	(27)	230,207	230,207
	Land, Urrbrae House	.....	(28)	108,909	108,909
	Buildings	.....	(29)	1,013,779	981,759
	Equipment and Furniture	.....	(30)	1,680,114	1,585,314
	Library	.....	(31)	194,151	178,817
	Current Balances—Cash, Debtors	.....	(32)	165,076	82,029
	Mortlock Experiment Land	.....	.....	63,270	63,270
				3,519,392	3,297,824
<i>Anti-Cancer Foundation—</i>					
	Electricity Trust Debentures	.....	.....	150,000	150,000
	Linear Accelerator	.....	.....	139,410	139,410
	Fire Protection System	.....	.....	3,000	3,000
	Grant towards Cost of Electron Microscope (Waite Institute)	.....	.....	10,000	10,000
	Human Body Monitor and Steel Room	.....	.....	42,367	42,367
	Gamma Ray Spectrometer Building	.....	.....	2,332	2,332
	Hostel including Furniture and Equipment	.....	.....	29,108	29,108
	Contribution to Cytology Laboratory— Queen Elizabeth Hospital	.....	.....	24,000	24,000
	Current Account	.....	.....	—	11,126
	Equipment	.....	.....	8,116	6,366
				408,333	417,709
				\$29,717,673	\$27,560,983

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**LIABILITIES AND TRUSTS***Contingent—*

## Bequests in Deceased Estates subject to Life and Other Interests—

Estate of Late F. Beeching  
Estate of Late Dr. Helen M. Mayo  
Estate of Late Clement Phillipson  
Estate of Late Georgina M. Dowling  
Estate of Late Constance Fraser  
Estate of Late P. S. Hossfeld  
Estate of Late Laura Anita Shanasy  
Estate of Late R. A. M. McConnochie  
Estate of Late J. H. Vaughan  
Estate of Late Mrs. E. C. E. Munton  
Estate of Late Miss G. E. I. Borthwick  
Estate of Late Muriel F. Sims  
Estate of Late Therese M. Rice  
Estate of Late B. E. Gill-Williams  
Estate of Late R. M. Laffer  
Estate of Late F. G. Norman  
Estate of Late Fred Johns (Balance)  
Estate of Late Hugh Hughes (Balance)  
Estate of Late William Donnithorne (Balance)  
Estate of Late Edward Neale (Balance)  
Estate of Late E. Mills (Balance)  
Estate of Late Isobel Young (Balance)  
Estate of Late R. Walker (Balance)  
Estate of Late A. J. Schulz (Balance)  
Estate of Late O. E. Braund (Balance)  
Estate of Late H. J. Wilkinson (Balance)  
Estate of Late E. MacMeikan (Balance)  
Estate of Late Rosye F. Mortlock (Balance)  
Estate of Late Peter Waite (Balance)  
Estate of Late R. T. Melrose (Balance)  
Estate of Late W. H. Sandland (Balance)  
Estate of Late A. R. Riddle (Balance)

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W. MEIKLEJOHN,

Bursar.

We report that we have examined the above statement showing the financial position of The University of Adelaide in respect of Capital Funds as on the 31st December, 1968, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct

OF ADELAIDE

*Accounts as at 31st December, 1968*

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## ASSETS

*Contingent—*

Requests in Deceased Estates subject to Life and Other Interests—

As listed opposite

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abstract of such Books of Account. We further report that the securities, etc., representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

ANNELLS, HUNWICK & CO., Chartered Accountants,  
SPRY, WALKER & CO., Chartered Accountants.

Adelaide, May 5, 1969.

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968

## LIABILITIES AND TRUSTS

NORTH TERRACE		\$	\$
1. Endowments—			
Sir George Murray (for General Purposes)	.....		172,534
Miss M. T. Murray (for General Purposes)	.....		106,615
Sir Thomas Elder (for Medical School)	.....		60,000
Sir Thomas Elder (for General Purposes)	.....		51,200
Sir Thomas Elder (for Music School)	.....		40,000
Sir Thomas Elder (for Mathematics and Natural Science)	.....	40,000	
Sir Walter Watson Hughes (for Classics and Philosophy)	.....	40,000	
		-----	80,000
Sir Langdon Bonython (for Great Hall)	.....		104,660
Sir Langdon Bonython (for Law School)	.....		40,000
Dr. F. Lucas Benham (Benham Laboratories)	.....		102,761
Gwen Michell Foundation (for Medical Research)	.....		100,000
Gwen Michell Foundation (for Medical Research)	.....		223,000
T. E. Barr Smith (for Library Building)	.....		69,437
T. E. Barr Smith (for Library Fund)	.....		20,000
T. E. Barr Smith (for Scholarship in Agricultural Science)	.....		27,750
Barr Smith Library Fund—No. 1 Account	.....		22,000
S. McGregor Reid	.....		54,188
Jean B. Reid	.....		133,853
Keith Sheridan Fund (for Medical Research)	.....		235,006
Mrs. Jane Marks (for Chair in Pathology)	.....		60,000
Sir William Mitchell (for Chair in Biochemistry)	.....		40,000
Sir William Mitchell (for Library Fund)	.....		10,000
For Union Buildings—			
Public Donations	.....	32,804	
Sir George Murray	.....	20,541	
Sir Josiah Symon (for Lady Symon Building)	.....	19,000	
		-----	72,345
S. D. Holdsworth Estate	.....		72,418
Reginald Walker Bequest	.....		60,912
Sewell Myers Research Bequest	.....		40,000
G. Gollin Estate	.....		40,000
Family of the late John Darling (for Darling Building)	.....	30,000	
Sir George Murray (use for Darling Building)	.....	2,000	
		-----	32,000
Mrs. G. A. Jury (for Chair in English Literature)	.....		24,000
R. L. Johnson (for Chemical Laboratory)	.....		24,000
J. H. Angas (for Chair in Chemistry)	.....		12,000
J. H. Angas (for Engineering Scholarship)	.....		8,000
Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy)	.....		30,000
For Chairs in Engineering—			
Broken Hill Pty. Co. Ltd.	.....	10,000	
General Motors-Holden's Ltd.	.....	10,000	
Adelaide Electric Supply Co. Ltd.	.....	10,000	
Sir Edward Holden	.....	5,000	
Tenax Investments Ltd.	.....	5,000	
Richards Industries Ltd.	.....	4,000	
British Tube Mills (Aust.) Pty. Ltd.	.....	4,000	
Kelvinator Australia Ltd.	.....	2,000	
		-----	50,000
Carried forward	.....		2,218,679

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$
Brought forward .....		2,218,679
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd. ....	36,539	
Broken Hill Pty. Ltd. ....	20,879	
Broken Hill South Ltd. ....	20,879	
Zinc Corporation Ltd. ....	20,879	
New Broken Hill Consolidated Ltd. ....	5,220	
	<hr/>	104,396
A. E. Lawrence Scholarship Fund .....		69,870
Lady Barr Smith Memorial Fellowship ...		21,000
A. M. Barnes Endowment (Balance) .....		707
Mrs. C. M. MacGregor .....		20,000
Animal Products Research Foundation .....		14,147
J. E. Jenkins Scholarships Fund ...		13,950
Dr. A. J. Schulz Bequest .....		11,747
Sir Joseph Verco (for Medical Science Research) .....		10,000
Sir Joseph Verco (for Medical School) .....		4,332
Sir Joseph Verco (for Dental School) ...		4,332
Kenneth and Hazel Milne Travelling Scholarship—		
Architecture .....		10,000
F. W. H. Wheadon (for Observatory Building) .....		10,674
Baillieu Scholarship Fund .....		9,677
Baker Scholarship Fund ...		10,000
Clive E. Boyce Fund .....		10,000
Sir William G. T. Goodman .....		8,000
James Barrans Scholarship Fund .....		6,000
John Barker Scholarship Fund .....		6,000
Donnithorne Awards Fund .....		6,528
Herbert John Wilkinson Memorial Prize Fund .....		7,900
T. G. Wilson Scholarship Fund ...		5,000
Gavin David Young Lectures Fund .....		4,907
R. K. Morton Memorial Fund .....		4,310
William Gardner Scholarship Fund .....		4,086
Anonymous Donation Staff Common Room .....		2,747
David Murray Scholarship Fund .....		7,600
Nickel Mines No Liability .....		4,000
Department of Health Capital Grant (for Physical		
Education) .....		4,000
Bertha H. Sudholz Endowment ...		4,000
Public Donations (for Buildings) .....		3,780
Athol Lykke Fund (for Postgraduate Studies in Music)		3,720
William Silver Memorial Fund ...		3,300
Chapman Memorial Fund .....		2,964
Fred John Scholarship Fund .....		3,000
Sir Ronald Fisher Memorial Scholarship Fund .....		2,735
Creswell Scholarship Fund .....		2,600
Sir Samuel Way, P.C. (for General Purposes) ...		2,554
Ernest Ayers Scholarship Fund ...		4,000
John F. Kennedy Memorial Fund Appeal .....		3,946
Public Donations (for Evening Classes) .....		2,440
Sir Hugh Cairns Memorial Fund .....		2,309
Dr. Charles Gosse Lectureship Fund .....		2,250
Rose Grainger Orchestral Fund ...		2,152
Everard Scholarship Fund .....		2,000
Joseph Fisher (Lecture and Medal Fund) .....		2,000
Shorney Memorial Library Fund .....		2,000
Tinline Scholarship Fund .....		2,000
<b>John L. Young Scholarship Fund</b> .....		3,000
Shorney Prize and Medal Fund ...		2,000
Selbourne Moutray Russell Scholarship Fund ...		2,000
	<hr/>	<hr/>
Carried forward .....		2,675,339

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$
Brought forward		2,675,339
Varley Scholarship Fund		2,000
Sir Mark Mitchell Donation towards Furnishing New Council Room		2,000
Roy Frisby Smith Prize Fund		1,847
Sir Mark Mitchell (for Animal Culture House)		1,800
The Angas Parsons Prize Fund		1,746
S.A. Orchestra Permanent Fund		1,519
Anders & Reimers Scholarships Fund		1,500
Elizabeth Jackson Memorial Library Fund		1,500
Anna Florence Booth Prize Fund		1,480
Eugene Alderman Scholarship Fund		1,408
Ruth Heighway Memorial Prize Fund		1,400
Sydney Norman Bequest		1,300
Eric Smith Scholarship Fund		
For Anti-Cancer Foundation—		
Edward Neale	58,691	
M. I. Hatwell	16,490	
Emma Jeffress	12,195	
Mrs. E. C. Hoare	11,538	
Olive Eva Braund	11,410	
Mrs. Rosye F. Mortlock	10,172	
C. V. Crocombe	7,443	
Mrs. H. L. Heuzenroeder	5,692	
E. H. Coble	5,406	
Laura E. Bateman	5,107	
Robert T. Melrose	4,583	
Mrs. Isobel Young Estate	4,497	
E. Mills Estate	4,054	
Mrs. M. August	3,672	
E. F. Hern	2,314	
Various Benefactors	1,405	
Ruby Chambers	975	
J. Grinberg	200	
	165,844	
Stow Prizes and Medal Fund		1,227
Robin Memorial Lecture Fund		1,212
Hartley Studentship Fund		1,200
Dr. Davies-Thomas Scholarship Fund		1,200
Frederick Bevan Scholarship Fund		1,200
Norman Chinner Fund		1,060
Nathan Netter Fund		1,027
J. G. Wood Memorial Fund		1,015
H. K. Fry—Prize in Psychological Medicine		1,006
Miss Julia Stuckey (for Botany Laboratory)		1,000
E. Harold Davies Scholarship Fund		1,000
John Howard Clark Scholarship Fund		1,000
John Bagot Prize and Medal Fund		1,000
A. M. Simpson Library in Aeronautics Fund		1,000
Mrs. Agnes Ayers (for General Purposes)		1,000
R. W. Bennett Prizes and Medal Fund		1,000
Clement O. Williams Memorial Fund		1,000
Lineau Scholarship Fund		1,000
Edith Hubbe and Harriett Cook Prize Fund		1,000
Lucy Josephine Bagot Prize Fund		1,000
Sir Archibald Strong Memorial Prize		1,000
Gladys Lloyd Thomas Scholarship Fund		1,000
C. & J. Campbell Prize Fund		1,000
Maude Puddy Scholarship Fund		1,000
Rutter Jewell-Thomas Prize Fund		1,000
Carried forward		2,889,030



## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$
Brought forward .....		2,889,030
Guli Magarey Scholarship Fund .....		1,000
Mrs. G. Magarey Bequest (Elder Overseas Scholarship Fund) .....		1,000
Eva Lines Scholarship Fund .....		1,000
Mrs. Arno Pontt (May Gepp) Scholarship .....		1,000
Eugene Matison Prize Endowment .....		1,000
Ena Orrock Lewcock Award in Botany .....		1,000
Dr. E. W. Way Lectureship Fund .....		946
Violet de Mole Memorial Fund .....		912
Keith Sheridan Prizes Fund .....		1,600
Thornber Bursary Fund .....		900
J. A. Bonnin Cup .....		640
Rennie Research Scholarship Fund .....		695
Natalia Davies Prize Fund .....		630
Sir Robert Chapman Prize Fund .....		622
D. B. Adam Prize Fund .....		622
John Lorenzo Young Scholarship Fund .....		600
Dental Board of S.A.—Prize Endowment .....		1,600
Henry Brown Fund .....		600
Ruby C. Davy Prize Fund .....		600
Weimar-Ohlstrom Prizes Fund .....		600
William Culross Prize Fund .....		500
Austin Bazeley Prize Fund .....		500
Alexander Clark Prize Fund .....		510
Elsie Marion Cornish Prize Fund .....		500
Bundey Prize Fund .....		400
James Gartrell Prize Fund .....		400
M. Rees George Prize Fund .....		400
Way College Prize and Medal Fund .....		400
Thomas Gepp Prize Fund .....		400
T. P. Shaughnessy Fund .....		382
Archibald Watson Prize Fund .....		340
Roby Fletcher Scholarship Fund .....		320
Sir Ronald Fisher Prize in Genetics Fund .....		305
St. Alban Scholarship Fund .....		300
Barr Smith Prize Fund .....		300
Annie Montgomerie Martin Prize Fund .....		300
George Thompson Bursary Fund .....		300
Justin Skipper Prize Fund .....		300
Edith Puddy Prize Fund .....		267
Australian Dental Association Endowment for Thomas D. Hannon Prize Fund .....		266
Tormore Old Scholars' Prize Fund .....		260
Byard Prize Endowment .....		600
J. B. Cleland Prize Fund .....		260
Andrew Scott Prize Fund .....		230
Hope Crampton Prize Fund .....		212
A. Grenfell Prize Fund .....		220
Tennyson Medals Fund .....		200
N. Stannus Gunning Fund .....		200
Professor J. H. B. Tew Prize Fund .....		200
C. Fenner Prize .....		200
Florence Cooke Violin Prize Fund .....		200
Professor J. R. Wilton Prize Fund .....		200
Archibald Mackie Bursary Fund .....		200
Lister Prize Fund .....		200
United Nations Prize Fund .....		200
Hardwicke College Prize Fund .....		200
Lokan Prize Fund .....		200
Carried forward .....		2,917,969

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....			2,917,969
Thomas L. Borthwick Prize Fund .....			200
Wood Jones Scalpel Prize .....			200
Robert Whinham Prize Fund .....			169
Kate Helen Weston Fund .....			135
Tate Memorial Medal Fund .....			120
Hughes Statue Maintenance Fund .....			100
Jefferis Medal Fund .....			100
Sir Mark Mitchell (for Periodicals) .....			100
Elizabeth Jackson Library Fund .....			60
J. T. Mortlock Estate—Martindale Hall and Land .....			42,320
H. Farmer—Endowment for Medical Research .....			126,795
Arthur R. Riddle Estate .....			19,937
			<u>\$3,108,205</u>
<b>2. Grants and Donations for University Site—</b>			
Land Endowment .....		10,000	
Special Donations for Fences and Gates—			
R. Barr Smith .....	800		
Hon. Sir John Duncan .....	500		
W. H. Duncan .....	500		
Sir Walter Young .....	2,000		
		<u>3,300</u>	
Sir William Mitchell .....		1,752	
Special Donations for other Improvements—			
Misses Eva and Lily Waite .....	4,500		
Hon. Sir George Murray .....	4,000		
		<u>8,500</u>	
			<u>\$23,552</u>
<b>3. Contributions to Buildings and Fittings (Sundry Donations)—</b>			
Unemployment Relief Council .....		24,000	
Pharmaceutical Society of S.A. ....		600	
Commonwealth Department of Commerce (Medical Building) .....		23,499	
I.G.Y. (Seismograph Vault) .....		4,000	
C.S.I.R.O. (Mawson Laboratories) .....		1,650	
Radio Research Board (Building at St. Kilda) .....		2,858	
		<u>56,607</u>	
<b>4. Scholarship Funds—</b>			
Barr Smith Prize .....		22	
Andrew Scott Prize .....		—	
James Gartrell Prize .....		64	
John Howard Clarke Prize Fund .....		556	
Tormore Prize .....		52	
Byard Prize .....		96	
Sir Archibald Strong Memorial Prize .....		654	
Edith Hubbe and Harriet Cook Prize .....		406	
Bundey Prize Fund .....		208	
M. Rees George Memorial Prize .....		167	
Hope Crampton Prize .....		8	
		<u>2,233</u>	
Carried forward .....			

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....		2,233	
Violet de Mole Prize .....		645	
Weimar-Ohlstrom Prizes .....		41	
A. J. Schulz Prizes .....		908	
Fred Johns Scholarship .....		5,501	
Tinline Scholarship .....		272	
Natalia Davies Prize .....		19	
Jefferis Memorial Medal .....		46	
Australian Psychological Society Prize .....		20	
Anna Florence Booth Prize .....		939	
Charles Fenner Prize .....		19	
Sir Archibald Grenfell Price Prize .....		28	
New Education Fellowship Prize .....		103	
Edith Puddy Prize .....		8	
Gavin David Young Lectureship .....		1,214	
John F. Kennedy Memorial Scholarship .....		9	
Ernest Ayers Scholarship .....		568	
John Bagot Scholarship .....		1,455	
Elsie Marion Cornish Prize .....		238	
J. G. Wood Memorial Scholarship .....		199	
Rennie Scholarship .....		14	
Tate Memorial Medal .....		70	
James Barrans Scholarship .....		590	
J. R. Wilton Prize .....		32	
Sir Ronald Fisher Prize .....		17	
Sir Ronald Fisher Memorial Scholarship .....		156	
C.S.R. Chemicals Prize .....		100	
R. K. Morton Scholarship in Biochemistry .....		30	
Ena Orrock Lewcock Award .....		11	
D. B. Adam Memorial Prize .....		150	
T. E. Barr Smith Travelling Scholarship .....		2,518	
R. K. Morton Scholarship in Agricultural Biochemistry .....		132	
Angas Engineering Scholarships .....		820	
Sir Robert Chapman Prize .....		64	
Lokan Prize .....		60	
E. V. Clark Prize .....		223	
Gerard Prize .....		42	
Sir William Goodman Scholarships .....		1,632	
Rutter-Jewell Thomas Medal and Prize .....		540	
Esso Standard Oil (Aust.) Pty. Ltd. Prize .....		60	
R. W. Bennett Prizes and Medals .....		207	
Angas Parsons Prize .....		517	
Justin Skipper Prize .....		161	
Thomas Gepp Prize .....		163	
Roy Frisby Smith Prize .....		86	
Baker Scholarship .....		2,841	
Sir Hugh Cairns Memorial Prize .....		622	
C. & J. Campbell Prize .....		123	
Herbert John Wilkinson Memorial Prize .....		820	
Dr. Davies-Thomas Scholarship .....		41	
J. B. Cleland Prize .....		28	
T. L. Borthwick Prize .....		30	
Archibald Watson Prize .....		32	
Dr. Charles Gosse Lectureship .....		1,827	
Everard Scholarship .....		121	
Lister Prize .....		23	
William Gardner Scholarship .....		12	
Carnation Company Prize .....		84	
Shorney Prize .....		552	
Carried forward .....		30,016	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....		30,016	
Pfizer Prize in Gynaecology .....		50	
Bertha H. Sudholz Scholarship .....		1,087	
T. G. Wilson Travelling Scholarship .....		1,441	
John Barker Scholarship .....		2,120	
Keith Sheridan Prizes .....		644	
Eugene Abraham Matison Prize .....		3	
Wood Jones Scalpel Prize .....		11	
Thos. D. Hannon Prize .....		133	
Dental Board of S.A. Prize .....		57	
G. O. Lawrence-Scholarship in Conservative Dentistry .....		4,958	
Prof. J. H. B. Tew Prize .....		22	
John Lorenzo Young Scholarship .....		510	
John Creswell Scholarship .....		1,303	
George Thompson Bursary .....		174	
Archibald MacKie Bursary .....		135	
Kenneth and Hazel Milne Travelling Scholarship .....		4,363	
South Australian Gas Company Prize .....		100	
Clive E. Boyce Scholarship .....		2,241	
George Murray Scholarship .....		8,827	
Chapman Memorial Scholarship .....		1,185	
Wm. Donnithorne Award .....		1,661	
Baillieu Research Scholarship .....		6,693	
David Murray Scholarship .....		532	
John L. Young Scholarship .....		396	
St. Alban Scholarship .....		115	
United Nations Prize .....		484	
Hartley Studentship .....		107	
William Culross Prize .....		69	
Thornber Bursary .....		89	
Way College Old Collegians' Prize .....		58	
Tennyson Medal .....		30	
Hardwicke College Prize .....		34	
Annie Montgomerie Martin Prize .....		6	
J. E. Jenkins Scholarship .....		2,919	
Eva Lines Memorial Scholarship .....		366	
E. W. Way Lectureship .....		416	
Arthur R. Riddle Scholarships .....		118	
Alexander Clark Memorial Prize .....		330	
Eugene Alderman Scholarship .....		295	
Selbourne Moutray Russell Scholarship .....		903	
Lucy Josephine Bagot Prize .....		123	
J. Varley Scholarship .....		898	
Anders and Reimers Scholarship .....		1,039	
Robert Whinham Prize .....		65	
Gladys Lloyd Thomas Scholarship .....		227	
E. Harold Davies Scholarship .....		284	
Florence Cooke Prize .....		103	
Dr. Ruby Davy Scholarship .....		375	
Guli Magarey Scholarship .....		54	
Frederick Bevan Memorial Scholarship .....		415	
Elder Overseas Scholarship .....		3,608	
Maude Puddy Scholarship .....		380	
Athol Lykke Award .....		2,227	
Lienau Prize .....		256	
Clement Q. Williams Memorial Prize .....		93	
William Silver Scholarship .....		107	
Mrs. Arno Pontt Scholarship .....		61	
Norman Chinner Scholarship .....		64	
		<u>\$85,380</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
5. <i>Library Funds—</i>			
T. E. Barr Smith Endowment Income .....		11,187	
Sir William Mitchell Endowment Income ..		4,380	
Elizabeth Jackson Fund Income .....		766	
A.M.A. Library .....		4,079	
A. M. Simpson Library Income .....		716	
Kate Helen Weston Library .....		85	
Australian Dental Association Library .....		1,468	
Herbert Shorney Memorial Library .....		366	
Library Deposits .....		10,912	
Australian Petroleum Exploration Association Limited—Donation .....		123	
Sir Mark Mitchell—Periodicals Income .....		149	
Australian Association of Psychiatrists Grant to Medical Library .....		17	
S.A. Brewing Company for Department of Microbiology Library .....		216	
Australian Physiotherapy Association— Library .....		783	
Collegiate School of St. Peter Library Grant .....		14	
University Film Society—Library .....		38	
J. F. Hawker Bequest Library .....		2	
Enterprise Development Association Library .....		343	
Australian Planning Institute—Gift for Purchase of Books .....		665	
American Council of Learned Societies Grant—Library .....		4,023	
		-----	<u>\$40,332</u>
6. <i>Special Funds—</i>			
<i>Consulting and Research Funds—</i>			
Electrical Engineering—Consulting Fees ...	1		
Civil Engineering—Donations for Concrete Research .....	512		
Illuminating Engineering Society Grant .....	30		
Grant for Latitude Observations .....	16		
Animal Products Research Foundations .....	9,086		
Geology Department Consulting Fund .....	229		
Pipe Transmission Line Structure .....	20		
Economic Geology—Consulting Fund .....	6,757		
Consulting Fund—Physical and Inorganic Chemistry .....	94		
Consulting Fund—Civil Engineering .....	5,540		
Organic Chemistry—Research Fund .....	5,821		
Mechanical Engineering Research Fund .....	25		
Consulting Fees—Economics .....	187		
Child Health Research Fund .....	2,590		
Mechanical Engineering Consulting Fund ...	3,316		
Speech Bandwidth Compression Equipment Grant—P.M.G. Department .....	2,500		
Consulting Fund—Child Health .....	1,149		
Computing Centre Consulting Fund .....	1,794		
Mental Health Research Fund .....	362		
Health Service—Consulting Fees .....	235		
Biopsy Fees—Dental .....	271		
Mineralogy—Consulting Fund .....	60		
Obstetrics and Gynaecology—Endocrine Project .....	2,571		
Carried forward .....	-----	43,166	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
Brought forward .....	43,166		
Physiology Testing Fund .....	1,892		
Commerce Consulting Fund .....	10		
Consulting Fund—Chemical Engineering ..	108		
Special Fund—Botany .....	1,346		
Architecture—Consulting Fund .....	15		
Mechanical Engineering Testing Fund .....	941		
	<hr/>	47,478	
<i>Anthropological Research Funds—</i>			
General Account .....	1,327		
Mr. Mountford .....	1,193		
Anthropological Research—Strehlow .....	97		
Professor A. A. Abbie .....	2,732		
Anthropological Research Film Account .....	2,265		
Film Replacement Account .....	1,779		
Australian Institute of Aboriginal Studies Grant—Dr. Ellis .....	1		
Australian Institute of Aboriginal Studies Grant—Strehlow .....	564		
Australian Institute of Aboriginal Studies Grant—Dr. Gale .....	63		
Australian Institute of Aboriginal Studies Grant—C. P. Mountford .....	1,265		
Australian Institute of Aboriginal Studies— Abbie .....	1,302		
Group Project—Andagarinja Women .....	64		
	<hr/>	12,652	
<i>Medical Research Funds—</i>			
The Gwen Michell Foundation for Medical Research .....	39,914		
The Gwen Michell Foundation Reserve for Fluctuation of Shares .....	2,807		
Sheridan Bequest .....	2,940		
F. H. Faulding & Co. Ltd.—Dental Research Grant .....	32		
I.C.I. Research Fund for Sulphur Drugs ..	128		
Donation for Research in Encephalitis— A. J. Playford .....	200		
Gastro Enteritis Investigation Fund .....	43		
Grant for Tuberculosis Research .....	106		
Grant for Enuresis Investigation—Mrs. N. M. Newland .....	10		
Donation for Virus Investigations— Medical School .....	200		
S. McGregor Reid .....	10,073		
S. McGregor Reid—Reserve for Fluctuation of Shares .....	1,328		
J. B. Reid—Reserve for Fluctuation of Shares .....	2,748		
Reginald Walker Estate .....	16,807		
Lady Barr Smith Memorial Fund for Cancer Research .....	5,210		
John H. Forsythe Bequest for Tuberculosis .....	100		
	<hr/>	82,644	
<i>National Health and Medical Research Committee Grants—</i>			
Medicine—I. J. Forbes .....	93		
Physiology—Skinner .....	245		
Medicine—Deller .....	248		
Child Health—Maxwell .....	359		
Carried forward .....	945	142,774	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....	945	142,774	
Dental Science-Thonard .....	1,057		
Surgery-Knight .....	3,798		
Postgraduate Scholarships .....	6,998		
Medicine-Wangel .....	80		
Medicine-Davis .....	723		
Medical and Dental Research Scholarships .....	1,980		
		15,581	
<i>Special Purpose Funds-</i>			
Commonwealth Sponsored Overseas			
Scholarships .....	2,157		
Anonymous Donation-Clinical Medicine ..	321		
Donation for Equipment-Dental School .....	50		
Commonwealth Postgraduate Scholarships			
Accumulation Fund .....	40,370		
Australian Society of Accountants' Lecture	449		
Bonnython Hall Maintenance .....	735		
Permanent Orchestra Fund ..	1,813		
Rose Grainger Orchestral Fund .....	3,090		
Students' Loan Fund .....	935		
Conservatorium Students' Fund .....	1,235		
Board of Social Studies-Students' Fund .....	591		
Shaughnessy Endowment Income ..	63		
Hughes Statue Maintenance Fund ..	131		
Reiman Memorial Fund .....	3		
Robin Memorial Lecture Fund Income .....	489		
Joseph Verco Memorial .....	6		
Sheridan Family Grave Maintenance			
Account .....	349		
Donation for furnishing South Hall, Elder			
Conservatorium ..	99		
Sir Douglas Mawson Portrait Fund .....	322		
Donation for Purchase of Musical			
Instruments .....	50		
Dr. Ruby C. Davy Bequest for Elder			
Conservatorium Library .....	119		
Radioisotope Fund .....	308		
Donations for the Maude Puddy Library ..	3		
The McGregor Fund .....	6,947		
A. M. Barnes-Income .....	7,545		
Anonymous Donation-Medical School .....	73,774		
Publications Fund .....	1,255		
Professor Smart's Monograph .....	396		
Publications Account-"Paradise of			
Dissent" ..	1,475		
Dr. L. Houssiadas-Monograph-Perception			
of Causality .....	680		
Reid & Williams Electoral Boundaries .....	118		
Australian Journal of Experimental Biology			
and Medical Science .....	10,188		
J. A. Bonnin Cup-Income ..	146		
Microbiology-Special Fund .....	4,749		
C.S.I.R.O. Special Grant-Zoology ..	2,625		
Colgate-Palmolive-Donation to Establish			
Readership in Preventive Dentistry .....	1,399		
Elder Conservatorium Special Fund .....	523		
Physical Education Research Fund .....	105		
University Music Society Fund .....	1,593		
N. Stannus Gunning Endowment-Income	20		
Microscope Fund-Geology ..	139		
Carried forward .....	167,365	158,355	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....	167,365	158,355	
A. J. Schulz Bequest (Department of Education) .....	32		
Geigy (A/sia) Pty. Ltd.—Donation for Furniture and Equipment—Pathology .....	16		
Dental Board of S.A.—Donation for Dentistry Equipment .....	97		
Geology In Service Course .....	107		
Donation—Geigy—Medicine .....	15		
Bequest to Anatomy Department .....	100		
Car Parking Fees .....	37,511		
Kern County Land Co.—Fund—Economic Geology .....	643		
J. B. Wauchope—Donation—Surgery .....	875		
Elder Hall Organ Fund .....	45,332		
Donations towards Chair of Geophysics .....	13,000		
University Centennial Fund .....	20,000		
Anonymous Donation—Botany .....	346		
R. A. Fisher Estate—Royalties Fund .....	2,684		
Law School—T.V. Project .....	2		
Anonymous Donation—Psychology Department Library .....	1,000		
University Wind Quintet Donations .....	1,851		
Department of Medicine—Special Travelling Fund .....	500		
Department of English—Special Fund .....	50		
Henry Brown Bequest for S.A. History .....	32		
Computing Centre Income .....	195,873		
		487,431	
<i>Provisions—</i>			
Surplus proceeds Sales of Shares for Building Purposes .....	22,949		
Reserve for Fluctuation of Shares—G. Collin Estate .....	1,466		
Reserve for Fluctuation of Shares—A. M. Barnes Estate .....	6,310		
Reserve for Fluctuation of Shares—S. D. Holdsworth Estate .....	140		
Reserve for Fluctuation of Shares—Reginald Walker Estate .....	1,845		
Reserve for Fluctuation of Shares—Milne Scholarship Fund .....	441		
Reserve for Fluctuation of Investments—E. Neale Estate .....	1		
Realization of Obsolete and Surplus Equipment—			
Physical Chemistry .....	390		
General .....	6,619		
Pathology .....	46		
Medicine .....	2		
Chemical Engineering .....	1,431		
Maintenance Workshop .....	360		
Physiology .....	58		
Microbiology .....	877		
Gardeners .....	62		
Economics .....	218		
Biochemistry .....	1,161		
Civil Engineering .....	54		
Dentistry .....	75		
Medical School .....	197		
Carried forward .....	44,702	645,786	



## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
Brought forward .....	44,702	645,786	
Mechanical Engineering .....	9		
Genetics .....	742		
Zoology .....	5,676		
Computing Centre .....	900		
Mawson Institute .....	339		
Geography .....	50		
Electrical Engineering .....	205		
Economic Geology .....	296		
Provision for Realization of Investment Properties .....	110,560		
Provision for Laboratory Space for Microscope Workshop .....	1,000		
Adult Education Motor Vehicle Replacement Fund .....	2,725		
Reserve for Civil Engineering Special Equipment .....	29,501		
Provision for Purchase of Special Equipment for Testing Concrete .....	2,890		
Funds for Purchase of Computing Equipment .....	2,000		
Brooks Estate .....	5,000		
Long Service Leave Adjustment Account .....	282		
		206,877	
<i>Research Grants—</i>			
General Motors-Holden's—Postgraduate Fellowship—Chandler .....	28		
Commonwealth Grant for Australian Literature .....	70		
C.S.I.R.O.—Radio Research Board—Physics Estate of the late Mrs. P. M. Bowling—Physiology .....	2,909		
Departments of Air and Civil Aviation—Aeromedical Research .....	1,274		
I.C.I. of A.N.Z. Research Fellowship .....	8,325		
Sandoz Ltd.—Grant for Research in Department of Obstetrics .....	1,578		
Monsanto Chemicals Grant—Physical and Inorganic Chemistry .....	1,374		
General Motors-Holden's—Postgraduate Research Fellowship .....	37		
General Motors-Holden's—Postgraduate Fellowship (Chandler) .....	397		
Commonwealth Government Grant—Australian Literature .....	1		
Jane Coffin Childs Memorial Fund for Medical Research .....	521		
Glaxo Laboratories—Grant to Microbiology .....	199		
American Petroleum Institute—Grant to Geology .....	1,679		
General Motors-Holden's—Postgraduate Studentship in Traffic Theory .....	1,521		
Nuffield Foundation Grant—Microbiology .....	3,515		
Wellcome Fund—Microbiology .....	964		
Ciba Co. Pty. Ltd. Grant to Department of Child Health .....	3		
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Physiology and Pharmacology .....	594		
	1,080		
Carried forward .....	26,069	852,663	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	26,069	852,663	
A.I.N.S.E. Grant—			
Dr. Kennedy .....	197		
H. S. Green .....	50		
Chemical Engineering—Dolan .....	577		
Mechanical Engineering—Dyer .....	496		
Chemical Engineering—Jeffreson .....	17		
C.S.R. Co.—Grant to Mining and Metallurgy .....	25		
National Heart Foundation (S.A.) Grant—			
Lander .....	180		
National Heart Foundation of Australia—			
Child Health .....	309		
Irrigation Research—Civil Engineering .....	1,599		
Reserve Bank—Rural Credits Fund—			
Econometric Analysis of the Structure			
of the Market for Australian Wool—			
Economics .....	3,680		
Reserve Bank—Economic and Finance			
Research Fund—The Australian Labour			
Market .....	39		
Australian Road Research Board—			
Mathematics .....	2,100		
Wool Research Committee and S.A. Wheat			
Research Committee—Grant—Zoology ..	217		
Nuffield Foundation Grant—Department of			
Geology—Petrology of the Giles			
Complex .....	2		
C.S.I.R.O. Grant—Botany .....	91		
Economic and Finance Research Grant ..	749		
Rural Credits Development Fund—			
Biochemistry .....	151		
National Heart Foundation of Australia—			
Grant Biochemistry .....	51		
U.S.P.H.S. Grant—Dental .....	1,311		
Department of Territories Grant—Medicine			
—Goitre Research .....	423		
Wool Research Committee—Kangaroo			
Island Wallaby .....	78		
William S. Merrell Co. Grant—Child			
Health .....	655		
Wool Research—Biochemistry .....	1,475		
Rural Credits Development Fund Grants—			
Economics .....	61		
Philips Electrical Industries Grant—			
Electrical Engineering .....	455		
Upjohn Pty. Ltd.—Obstetrics .....	573		
Rural Credits Development Fund Grant—			
Mechanical Engineering .....	371		
United States Navy Grant—Mechanical			
Engineering .....	6		
Rural Credits Development Fund Grants—			
Ecology of Cattle Grazing Land—			
Botany .....	1,246		
E. R. Squibb and Sons Grant—Child Health .....	250		
Queen Elizabeth Fellowship—Geology .....	6,048		
Adelaide Children's Hospital Grant—Child			
Health .....	3,000		
Adelaide Children's Hospital Grant—Child			
Health—Dr. R. B. Elliott .....	2,647		
Nuffield Foundation Grant—Organic			
Chemistry—Professor Beckwith .....	5,828		
Carried forward .....	61,026	852,663	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	61,026	852,663	
Control Data Postgraduate Research			
Fellowships .....	855		
Donation to Obstetrics—Premature Labour	100		
Radio Research Board—Electrical			
Engineering .....	586		
Radio Research Board—Mawson Institute ..	979		
Reserve Bank—Economic and Financial			
Research Fund—Investigation into			
Australian Transport Industry .....	642		
American Chemical Society Grant—			
Precambrian Fossils .....	4,893		
Leverhulme Visiting Fellowships .....	303		
“House Foundations”—Civil Engineering ..	8,362		
Nuffield Foundation Grant—Physical			
Chemistry—Professor Stranks .....	572		
Overseas Propagation Study—Electrical			
Engineering .....	3,639		
Life Insurance Medical Research Grant—			
Child Health—Dr. Elliott .....	451		
Kennecott Copper Corporation—Studentship			
—Economic Geology .....	832		
Esso Exploration Australia Inc.—Economic			
Geology .....	4,469		
Adelaide Children’s Hospital—Child			
Health—Savage .....	1,302		
National Heart Foundation—Physiology .....	162		
National Heart Foundation—Medicine .....	514		
Rural Credits Development Fund—Reserve			
Bank—Economics .....	586		
Rural Credits Development Fund—			
Biochemistry .....	467		
Commonwealth Department of Supply—			
Postgraduate Student—A. L. Carpenter	402		
Commonwealth Department of Supply—			
Postgraduate Student—M. G. Golly .....	1,197		
Commonwealth Department of Supply—			
Postgraduate Student—D. J. Gambling	834		
Electrical Research Board—Electrical			
Engineering .....	814		
Traffic Dynamics Fund .....	1,349		
Mercke Sharpe & Dohme Grant—Child			
Health .....	29		
Royal Society Grant—Botany .....	283		
Department of Supply—Postgraduate			
Student—Organic Chemistry ..	519		
Department of Supply—Postgraduate			
Student—Chemical Engineering ..	276		
Department of Supply—Postgraduate			
Student—Physics .....	978		
Department of Supply—Postgraduate			
Student .....	135		
C.S.I.R.O. Grant—Physical and Inorganic			
Chemistry .....	15		
Esso Standard Oil (Aust.) Ltd. Grant—			
Civil Engineering .....	543		
Esso Standard Oil (Aust.) Ltd. Grant—			
Mechanical Engineering .....	295		
C.S.I.R.O.—Postgraduate Student—Zoology..	10		
Cement and Concrete Association of			
Australia—Civil Engineering .....	1,257		
Carried forward .....	99,676	852,663	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	99,676	852,663	
Adelaide Children's Hospital—Maxwell .....	1,932		
Department of Supply—James .....	771		
Reserve Bank—Economics .....	1,225		
Reserve Bank—Economics .....	123		
Queen Elizabeth Hospital Research Foundation—Medicine—Gordon .....	71		
Australian Atomic Energy Commission— Chemical Engineering .....	7,376		
General Motors—Holden's—Postgraduate Fellowship—Civil Engineering .....	1,000		
General Motors—Holden's—Postgraduate Fellowship—Physical and Inorganic Chemistry .....	13		
General Motors—Holden's—Postgraduate Fellowship—Physics .....	2,421		
Rothmans University Endowment Fund— Dental School .....	355		
Wool Research Studentship—King .....	713		
Rural Credits Grant—Botany .....	258		
Esso Standard Oil Ltd.—Postgraduate Research Scholarship .....	2,400		
Esso Standard Oil Ltd.—Electrical Engineering .....	148		
C.S.I.R.O. Studentship— Mathematics .....	252		
Physics .....	262		
Organic Chemistry .....	218		
Organic Chemistry .....	257		
Physical and Inorganic Chemistry .....	28		
Physical and Inorganic Chemistry .....	87		
Statistics .....	168		
Electrical Engineering .....	3		
Biochemistry .....	30		
Royal Society of South Australia— Geography .....	24		
United States Navy—Mathematics .....	1,567		
Associated Minerals Consolidated—Civil Engineering .....	620		
Australian Institute of International Affairs —Law .....	904		
Mathematical Physics—Postgraduate Students Research Fund .....	423		
Australian Institute of International Affairs —Politics .....	1,218		
Ian Potter Foundation—Architecture .....	295		
	<u>          </u>	124,838	
<i>Australian Research Grants Committee—</i> Psychology—Provins .....	9		
History—Prest .....	21		
Physical and Inorganic Chemistry—Stranks .....	9		
Dental—Thonard .....	252		
Chemical Engineering—Miller .....	8		
Physical and Inorganic Chemistry—Coates .....	8		
Botany—Martin and Hayman .....	17		
Physical and Inorganic Chemistry—Allen .....	34		
Physics—McCracken .....	101		
Mawson Institute—Jacka .....	2,770		
History—Sykes .....	102		
Biochemistry—Elliott .....	80		
	<u>          </u>		
Carried forward .....	3,411	977,501	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
Brought forward .....	3,411	977,501	
Organic Chemistry—Beckwith .....	54		
Organic Chemistry—Beckwith .....	30		
Biochemistry—Keech .....	28		
Physical and Inorganic Chemistry—			
Kennedy .....	447		
Dunlop .....	26		
Physiology—Whelan .....	18		
Physics—Briggs and Elford .....	24		
Mathematical Physics—Hurst .....	2,469		
Physics—Medlin and Tomlin .....	350		
Physics—Carver .....	245		
Physics—Carver .....	2,292		
Physical and Inorganic Chemistry—			
Laurence .....	261		
Surgery—Knight .....	33		
Chemical Engineering—Smith .....	5		
Psychology—Lovibond .....	80		
Computing Income .....	3,464		
Income—1966/67 Grants .....	317		
Biochemistry—			
Egan .....	5,018		
Elliott .....	30		
Elliott .....	3,009		
Keech .....	935		
Rogers .....	76		
Symons .....	165		
Wells .....	138		
Botany—Martin .....	845		
Botany—Robertson and Wiskich .....	382		
Botany—Womersley .....	198		
Chemical Engineering—Miller .....	149		
Chemical Engineering—Smith .....	315		
English—Mares and Brissenden .....	589		
English—Waldron .....	24		
Geology—			
Claessner .....	195		
Jones .....	676		
Nesbitt .....	1,110		
Oliver .....	963		
Rutland and Oliver .....	1,207		
History—Gilchrist .....	264		
History—Prest .....	311		
History—Stretton .....	201		
Mawson—Carrick .....	761		
Mawson—Jacka .....	1,228		
Mechanical Engineering—Bull .....	228		
Microbiology—Jenkin .....	2,024		
Microbiology—Rowley and Hardy .....	254		
Music—McCredie .....	182		
Organic Chemistry—Beckwith .....	1,952		
Organic Chemistry—Lewis .....	696		
Organic Chemistry—Mander .....	152		
Organic Chemistry—Prager .....	447		
Physical and Inorganic Chemistry—			
Allen .....	84		
Allen .....	33		
Coates .....	165		
Dunlop .....	2,959		
Jordan and Allen .....	153		
Kennedy .....	2,578		
Carried forward .....	44,250	977,501	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward	44,250	977,501	
Physics—			
Briggs and Elford	735		
Carver	2,914		
Carver	2,704		
Elford	4,574		
McCracken	397		
Medlin and Tomlin	1,689		
Psychology—Glow	327		
Psychology—Jeeves	812		
Psychology—Lovibond	36		
Surgery—Charnock and Opit	5,023		
Zoology—Andrewartha	73		
Zoology—Andrewartha	858		
Zoology—Casley-Smith	17		
Zoology—Smyth	1,464		
Income—1968 Grants	16,150		
		82,023	
Sundry Balances—			
Graduates' Union Fund (Capital Donations)	358		
Graduates' Fund	335		
Sundry Donations	180		
Broken Hill Smelters—Donation	125		
Joint Colleges Appeal Fund	10		
Insurance Deposits	32		
C.I.G. (South Australia) Ltd.	22		
Constance Fraser Income	3,295		
Civil Engineering Notebook	200		
Australian Humanities	200		
Adelaide University Union—Deposit	280,000		
Rockefeller Foundation—Donation for General Purposes	538		
Public Examinations in Music	10,658		
Public Examinations Board	94,899		
George Gollin Estate—Income	21,680		
Victoria Drive Fence—Fund for Maintenance	70		
Key Deposits—Physical Chemistry	56		
Diploma in Physical Education	6,273		
Chemistry Laboratory Deposits	36		
Professor Mitchell's Book Account	559		
Weapons Research Establishment—Mathematics Department	220		
Enuresis Patent	3,305		
Donation to Dental Department for Photographic Experiments	80		
Australian Music Library Donations	168		
Outstanding Accounts—Workshops	1,087		
Australian Economic Papers	3,432		
Computing Centre Fortran Fund	312		
Woodville Spastic Home	465		
Biochemistry Symposium	2		
English Department—Study of Poetry Seminar	510		
English Department—Language and Style Seminar	142		
English Department—Southern Review	989		
C.S.I.R.O. Grant for Animal Ecology Research	3		
Carried forward	430,241	1,059,524	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....	430,241	1,059,524	
Motors Limited—Donation for Economics Department .....	17		
Postgraduate Committee in Medicine—Accumulated Income .....	5,740		
Postgraduate Committee in Dentistry .....	7,447		
Government Advance for Fees Relief .....	81,063		
Appointments Board—Entertainment Fund Adult Education .....	300		
Departmental Salaries—Adjustment Account .....	229		
Donations for Works of Art .....	24,924		
Oral Hygiene Service —Donation—Dental Science .....	3,850		
Computing Science Fund (for Equipment) .....	100		
English Novel Seminar .....	1,230		
Locker Key Deposits—Law Department ..	243		
Union Fees (due to Union) .....	207		
Postgraduate Foundation in Medicine .....	107		
Wolffson Foundation Grant .....	23,573		
Physics Special Account .....	2,317		
Donation towards Chair of Architecture .....	649		
Donations, University Squash Racquets Club .....	971		
Xerox Copying—Income .....	20		
Professor John Bishop Memorial Fund .....	15,277		
Rosemary Bor Fund .....	10,431		
Kappa Kappa Kappa Inc.—Donation to Dental School .....	1,927		
Insurance Refund—Darling Building .....	1,692		
Special Fund—Psychology .....	280		
Library Complex Fund—Professor F. B. Bull .....	2,241		
Adelaide University Squash Centre Appeal .....	4,007		
C.M.H. Staff Welfare Donation .....	2,985		
Language Laboratory Special Fund .....	100		
R. G. Willoughby Memorial Fund .....	1,262		
Dr. A. Basser—Donation—Pathology .....	2,692		
Constance Davey Memorial Fund .....	772		
Adult Education—Schools and Special Programmes .....	995		
Donation to Department of Psychology .....	1,967		
Donations for Equipment—Surgery .....	20,000		
C.S.I.R.O.—Brush Fence .....	140		
A. G. Redmond .....	200		
Government Grant—Teaching Hospitals .....	214		
	40,993		
	691,403		
		\$1,750,927	

## 7. Income and Expenditure Appropriation Account—

Surplus—North Terrace, 1967 .....	162,778		
Less Deficit—Waite Institute, 1967 .....	2,375		
Balance, 31/12/67 .....		160,403	
Surplus—North Terrace, 1968 .....	188,189		
Less Deficit—Waite Institute, 1968 .....	16,222		
Net Surplus, 1968 .....		171,967	
Balance, 31/12/68 .....		\$332,370	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
8. <i>Donations for Equipment—</i>			
Grant and Donations for Equipment and Furniture as at 31/12/67 (for previous details see 1967 Financial Statements)		1,531,378	
<i>Add received during 1968:</i>			
University Music Society .....	375		
General Motors-Holden's Pty. Ltd.— Physical and Inorganic Chemistry	209		
Aeromedical Research—Physiology .....	3,418		
Department of Air and Civil Aviation —Electrical Engineering .....	428		
Jane Coffin Childs Memorial Fund — Biochemistry .....	4,755		
Glaxo Laboratories (Australia) Pty. Ltd.—Microbiology .....	119		
Life Insurance Medical Research Fund—Physiology .....	1,773		
Life Insurance Medical Research Fund—Pathology .....	1,306		
Life Insurance Medical Research Fund—Child Health .....	142		
Australian Institute of Nuclear Science and Engineering—Chemical Engineering .....	320		
Australian Institute of Nuclear Science and Engineering—Physical and Inorganic Chemistry .....	184		
Australian Institute of Nuclear Science and Engineering—Mechanical Engineering .....	480		
National Heart Foundation—Medicine National Heart Foundation— Physiology .....	1,065		
Irrigation Research—Civil Engineering	1,100		
Australian Meat Research Committee —Zoology .....	30		
Nuffield Foundation—Geology .....	270		
Commonwealth Wheat Industry Research Council—Biochemistry ..	2,574		
C.S.I.R.O. Grant—Botany .....	1,405		
C.S.I.R.O. Grant—Physical and Inorganic Chemistry .....	313		
C.S.I.R.O. Grant—Physics .....	899		
Department of Supply Postgraduate Scholarships—Mechanical Engineering .....	310		
Department of Supply Postgraduate Scholarships—Physics .....	372		
Department of Supply Postgraduate Scholarships—Chemical Engineering .....	1,294		
Department of Supply Postgraduate Scholarships—Electrical Engineering .....	1,385		
C.S.I.R.O. Studentships—Mathematical Physics .....	31		
C.S.I.R.O. Studentships—Physical and Inorganic Chemistry .....	149		
Carried forward .....	24,716	1,531,378	



## THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1968—Continued

	\$	\$	\$
Brought forward .....	24,716	1,531,378	
C.S.I.R.O. Studentships—Physics .....	303		
Rothmans University Endowment Fund—Dental .....	360		
Rural Credits Development Fund— Botany .....	2,910		
Colgate-Palmolive Pty. Ltd.—Dental ..	2,827		
W.R.E. Laser Research —Physics .....	862		
U.S. Public Health Service Department —Dental .....	15,200		
Wool Research—Biochemistry .....	556		
Air Force Office of Space Research— Physics .....	6,925		
Radio Research Board—Electrical Engineering .....	1,317		
American Chemical Society — Geology ..	478		
Overseas Propagation Study—Electrical Engineering .....	1,718		
Australian Institute of Physics— Mawson Institute .....	1,560		
Associated Minerals Consolidated— Civil Engineering .....	666		
National Health and Medical Research Council—			
Obstetrics .....	379		
Medicine .....	2,729		
Dental .....	2,608		
Physiology .....	12,428		
Surgery .....	1,335		
Physiology .....	4,672		
Medicine .....	2,127		
Computing Centre .....	4,484		
Commonwealth Sponsored Overseas Scholarships—Geology .....	550		
Commonwealth Sponsored Overseas Scholarships—Law .....	137		
Anonymous Donation—Dental Science ..	176		
Postgraduate Committee in Medicine ..	114		
Kappa Kappa Kappa—Dental Science ..	164		
Department of Law .....	500		
Graduates' Union .....	1,120		
Geology Consulting Fund .....	22		
Economic Geology Consulting Fund ..	5,765		
Endocrine Fund—Obstetrics .....	910		
Gwen Michell Foundation for Medical Research—Medicine .....	5,682		
Permanent Orchestra Fund .....	1,000		
Microbiology Special Fund .....	854		
Elder Conservatorium Special Fund ..	170		
Medical Research Committee .....	5,870		
Anonymous Donation—Medicine .....	3,922		
Elder Conservatorium Donation .....	329		
Language Laboratory Special Fund ..	606		
Australian Research Grants Committee:			
Biochemistry .....	12,310		
Botany .....	452		
Chemical Engineering .....	3,637		
English .....	28		
Geology .....	10,110		
Mawson Institute .....	14,262		
Carried forward .....	159,850	1,531,378	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	159,850	1,531,378	
Organic Chemistry .....	8,242		
Physical and Inorganic Chemistry .....	21,119		
Physics .....	13,788		
Psychology .....	1,428		
Surgery .....	1,160		
Zoology .....	1,044		
Civil Engineering .....	330		
Physiology .....	1,231		
Basser Donation-Pathology .....	1,207		
		<u>209,399</u>	
		1,740,777	
Deduct Equipment and Furniture written off in 1968 due to obsolescence .....		4,715	
		<u>1,736,062</u>	
 9. Donations for Library—			
Barr Smith Library Fund .....			18,212
Grants and Donations for Library—Balance as at 31/12/67 (see 1967 Financial Statements for details) .....		81,884	
Add Receipts during 1968:			
T. E. Barr Smith Fund .....	347		
Sir Mark Mitchell Fund .....	5		
Elizabeth Jackson Fund .....	18		
A.M.A. Fund .....	1,933		
Herbert Shorney Memorial Fund .....	71		
S.A. Tuberculosis Association Fund .....	94		
S.A. Brewing Co. Ltd. .....	27		
Australian Petroleum Exploration Association .....	13		
Australian Physiotherapy Association .....	172		
University of Adelaide Film Society .....	5		
Australian Planning Institute .....	103		
American Council for Learned Societies .....	2,034		
		<u>4,822</u>	
			<u>86,706</u>
			<u>\$104,918</u>
 WAITE AGRICULTURAL RESEARCH INSTITUTE—			
10. Endowments—General—			
Peter Waite Endowment .....		200,061	
W. D. Grigg Estate—Endowment .....		48,666	
Elizabeth MacMeikan Endowment .....		37,744	
Hugh Hughes Endowment .....		72,146	
Ranson Mortlock Trust .....		30,000	
Lily Waite Endowment .....		20,000	
James Waite Endowment .....		2,000	
Various Benefactors .....		5,211	
W. H. Sandland Endowment .....		45,803	
Premiums on Conversion of Stock .....		3,356	
Mrs. D. Mortlock .....		7,313	
J. T. Mortlock Estate—Experiment Land .....		63,270	
		<u>\$535,570</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
11. <i>Endowments for Laboratories—</i>			
Mrs. Rosye Mortlock and Mrs. J. T. Mortlock .....		20,000	
Sir John Melrose Endowment .....		20,000	
Family Late John Darling .....		20,000	
J. T. Mortlock Endowment .....		4,000	
Empire Marketing Board .....		6,000	
		<u>70,000</u>	<u>\$70,000</u>
12. <i>Donations—</i>			
Donations and Grants for Equipment and Furniture, Balance at 31/12/67 (for details see 1967 Financial Statements)		631,668	
Add Receipts during 1968—			
Commonwealth Overseas Scholarships			
—Entomology .....	485		
Commonwealth Overseas Scholarships			
—Plant Pathology .....	1,295		
Wool Fund—Agronomy .....	612		
Wool Scholarship—Entomology .....	278		
Wool Fund—Animal Physiology .....	4,912		
Barley Fund—Agronomy .....	1,187		
Commonwealth Wheat Board—			
Agronomy .....	789		
Plant Pathology .....	694		
Plant Physiology .....	310		
State Wheat Board—Agronomy .....	1,923		
State Wheat Board—Agricultural			
Biochemistry .....	2,238		
Sirex Wasp—Entomology .....	282		
Australian Meat Research—Animal			
Physiology .....	956		
U.S. Surgeon General—Animal			
Physiology .....	3,321		
Rural Credits—			
Agricultural Biochemistry .....	3,192		
Animal Physiology .....	785		
Plant Pathology .....	2,787		
Plant Physiology .....	504		
U.S.P.H.S.—Entomology .....	994		
Borax Consolidated—Agricultural			
Biochemistry .....	426		
Australian Honey Board—Entomology .....	816		
Wool Scholarship—Agronomy .....	91		
Wool Scholarship—Plant Physiology .....	17		
Australian Meat Research—Agronomy .....	650		
Commonwealth Development Bank—			
Entomology .....	37		
Sulphate Project Grant—Agricultural			
Biochemistry .....	501		
S.A. Department of Agriculture—			
Plant Pathology .....	170		
Australian Research Grants Committee—			
Plant Pathology .....	4,377		
Agricultural Biochemistry .....	1,260		
Agronomy .....	2,098		
Entomology .....	1,868		
		<u>39,855</u>	<u>\$671,523</u>

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
13. <i>Unexpended Balances and Grants-</i>			
Mortlock Crop Account .....	473		
Mortlock Sheep Operating Account .....	1,566		
Mortlock Cattle Operating Account .....	330		
	-----	2,369	
Lily Waite Estate-Income Account .....		1,990	
Reserve for Fluctuation of Shares-			
Sandland .....		26	
Sheep Account .....		2,961	
Locker Deposits .....		7	
Rural Credits Development Fund Grant			
Insectary .....		2,800	
Salaries Adjustment .....		5,193	
Farm Fire Replacements .....		5,766	
Sale of Land .....		296	
Realization of Surplus Equipment		734	
C.S.I.R.O. Contribution to Development-			
Claremont Orchard .....		544	
Parke Davis Grant .....		1,333	
Agricultural Biochemistry-Consultant Fund		224	
Student Deposit .....		3	
Wool Research Fund-Agronomy .....		7,232	
Wool Research Fund-Agronomy .....		10,012	
Wool Scholarship-Entomology-Cullen .....		2,512	
Wool Scholarship-Animal Physiology-			
Siebert .....		86	
Nancarrow .....		149	
Findlay .....		808	
Ellis .....		800	
Nuffield Foundation Grant-Entomology-			
Browning .....		1,495	
Barley Fund-Agronomy .....		17,418	
Commonwealth Wheat Industry-			
Agronomy .....		42,261	
Commonwealth Wheat Industry-			
Agricultural Biochemistry .....		2,720	
S.A. State Wheat Fund-Agronomy .....		36,084	
Commonwealth Department of Health			
Grant-Systematic Micology-Plant			
Pathology .....		10,880	
Australian Meat Research Committee-			
Agronomy .....		76	
Wheat Industries of Victoria Scholarship-			
Agricultural Biochemistry .....		59	
U.S. Surgeon General-Animal Physiology		110	
Rockefeller Foundation-Plant Pathology ..		40	
Rural Credits Development Fund-			
Agricultural Biochemistry-Nitrogen			
Fixation .....		1,658	
Woods and Forests Department-			
Entomology .....		27	
Woods and Forests Department-Plant			
Pathology .....		651	
Commonwealth Development Bank-Plant			
Physiology .....		3,728	
Rural Credits Development Fund-			
Entomology-Glasshouse .....		12,000	
Rural Credits Development Fund-Plant			
Pathology-Field Laboratory ..		39,170	
Rural Credits Development Fund-			
Virology Studentship .....		4,325	
		-----	218,547
Carried forward .....			

## THE UNIVERSITY OF ADELAIDE

*Schedules – Capital Accounts as at 31st December, 1968 – Continued*

	\$	\$	\$
Brought forward .....		218,547	
Wool Fund Scholarship—Agronomy—Cocks .....		411	
Rural Credits Development Fund—Animal Physiology .....		11,171	
Nuffield Foundation—Agricultural Biochemistry .....		9,285	
United States Public Health Services— Entomology .....		1,412	
Rural Credits Development Fund— Agronomy—Deep Sands .....		354	
Borax Consolidated Ltd.—Agricultural Biochemistry .....		2,205	
Wool Research Studentship—Animal Physiology .....		10	
Bank of New South Wales—Plant Pathology—Field Laboratory .....		367	
Commonwealth Wheat Industry— Studentship—Agricultural Biochemistry .....		537	
Australian Honey Board .....		14,350	
Victorian Government Grant—Plant Physiology—Considine .....		44	
Wool Board Scholarship—Agronomy— Schroder .....		144	
Australian Meat Research Committee Scholarship—Agronomy—Champion .....		430	
Wool Fund Scholarship—Plant Physiology— Gollin .....		850	
Wool Fund Scholarship—Entomology— Horwood .....		800	
Australian Meat Research Scholarship— Animal Physiology—Brooks .....		419	
Rural Credits Development Fund— Agronomy—Phytotron .....		25,000	
S.A. Department of Agriculture—Plant Pathology—Banyer .....		9	
Rural Credits Development Fund— Agricultural Biochemistry—Sulphur Oxydising Bacteria .....		10,657	
Agronomy—Forms of Fertiliser .....		2,195	
Animal Physiology—Reproductive Physiology .....		56	
Plant Pathology—Horticulture Laboratory .....		14,000	
Alf Hannaford—Contribution to Plant Pathology Field Laboratory .....		2,500	
Rural Credits Development Fund— Biometry—Tutorship .....		1,720	
W.A. Department of Agriculture—Plant Pathology—Grant in Aid .....		180	
George Aitken Pastoral Research Grant— Agronomy .....		2,704	
S.A. State Wheat Fund—International Soils Congress .....		31	
Wool Fund Scholarship—Animal Physiology .....		374	
Australian Research Grants Committee— Plant Pathology—Franki .....		88	
Animal Physiology—Macfarlane .....		62	
Agronomy—Egan .....		28	
Plant Physiology—Paley .....		4,320	
Entomology—Browning .....		6	
1968—Agronomy—Barley and Powrie ..		52	
Carried forward .....		325,318	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....		325,318	
1968—Plant Pathology—Franki .....		284	
1968—Animal Physiology—Macfarlane .....		57	
1968—Agricultural Biochemistry— Nicholas .....		3,784	
1968—Animal Physiology—Seamark .....		69	
1968—Plant Physiology—Paleg .....		635	
1968—Entomology—Rogers .....		482	
1968—Agricultural Biochemistry— Jackson .....		398	
Liquid Nitrogen Account—Agricultural Biochemistry .....		850	
Customs Refund—Animal Physiology .....		451	
Special Course in Soil Science .....		188	
Donations Staff Club .....		190	
Springfield Tanks .....		2,392	
		<u>335,098</u>	
<b>14. Funds Provided for Buildings, Fittings and Equipment by Government of South Australia—</b>			
Equipment .....		1,029,662	
Library Books .....		171,905	
New East Wing .....		111,500	
Central Animal House .....		24,500	
Waite Buildings .....		16,272	
Library Building .....		35,000	
Animal Pens .....		10,000	
Glasshouses .....		13,997	
Agronomy .....		19,727	
*Research Equipment (over \$10,000) .....		8,600	
Electricity Sub-station .....		3,145	
Reconstruction of Chemistry Laboratories .....		8,000	
Additions to Sheep Pens .....		1,600	
		<u>1,453,908</u>	
<b>15. Funds Provided for Buildings, Fittings and Equipment by Commonwealth Government—</b>			
New East Wing .....		111,500	
Central Animal House .....		24,500	
Library Building .....		35,000	
Animal Pens .....		10,000	
Glasshouses .....		13,997	
Agronomy .....		19,727	
*Research Equipment (over \$10,000) .....		8,600	
Reconstruction of Chemistry Laboratories .....		8,000	
New Wing (Commonwealth Reconstruction Training Scheme) .....		19,204	
		<u>250,528</u>	
<b>ASSETS</b>			
<b>NORTH TERRACE—</b>			
<b>16. Inscribed Stock—</b>			
Australian Consolidated Stock—			
5%—15/2/82 .....		200	
5%—15/2/82 .....		1,000	
5%—15/8/70 .....		800	
Carried forward .....		<u>2,000</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....		2,000	
Australian Government Special Series "K"			
Bonds—			
4¼-5%-1/1/72 .....		6,000	
Commonwealth Government Inscribed			
Stock—			
4%-5½%-15/9/69 - 1/3/74 .....		14,511	
Commonwealth Government Inscribed			
Stock—			
5½%-15/8/70 .....		3,011	
Commonwealth Government Inscribed			
Stock—			
5%-15/5/84 .....		35,558	
		<u>35,558</u>	<u>\$61,080</u>
<b>17. Electricity Trust Debentures—</b>			
5% 1978 .....		293,820	
5%—"B"—1969 .....		10,920	
5% 1973 .....		440,000	
5% 1971 .....		2,200	
5% 1980 .....		70,000	
4%-5% 1969-1980 .....		11,997	
5% 1980 .....		1,160	
5%—"B"—1969 .....		1,140	
5% 1978 .....		3,700	
5% 1970 .....		2,100	
5%—"B"—1969 .....		187	
5% 1978 .....		1,990	
5% 1972 .....		2,000	
5% 1977 .....		8,000	
5% 1980 .....		2,900	
5% 1970 .....		1,500	
5%—"B"—1969 .....		220	
5% 1980 .....		1,000	
5% 1980 .....		10,000	
5% 1969 .....		200	
5% 1969 .....		200	
5% 1970 .....		40,000	
5% 1970 .....		310	
		<u>905,544</u>	
Less Transfer to Investment			
of Reserves .....	\$596,847		
Transfer to Waite			
Institute .....	48,763		
		<u>645,610</u>	259,934
<b>S.A. Gas Co. Bonds—</b>			
6% 1971 .....		20,000	
5% 1975 .....		1,000	
5%-5% 1969-1980 .....		5,000	
5% 1969-1980 .....		9,600	
5% 1974 .....		16,300	
5% 1975 .....		6,500	
5% 1980 .....		100,000	
5% 1969 .....		600	
5% 1973 .....		200	
5% 1975 .....		400	
5% 1974 .....		2,000	
5% 1980 .....		200	
5% 1973 .....		10,000	
Carried forward .....		<u>171,800</u>	<u>259,934</u>

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

		\$	\$	\$
	Brought forward	171,800	259,934	
5¼%	1975	34,600		
5¼%-6%	1968-1975	5,704		
5%	1976	10,000		
5%	1976	11,000		
5%	1976	40,000		
5¼%	1975	5,800		
5%	1975	100,000		
5%	1976	307		
5¼%	1975	210		
5%	1973	2,200		
5¼%-5%	1975-1980	18,200		
5%	1980	1,000		
5%	1980	210,000		
5%	1980	8,000		
			618,821	
<b>Shares-</b>				
	Share Investments	357,920		
	E. C. Hoare Bequest-Shares	4,734		
	Cellulose (Aust.) Ltd. (T. E. Barr Smith Travelling Scholarships)	27,750		
	Finance Corporation of Australia Ltd. (Athol Lykke Fund)	3,720		
	G. Michell-Shares in Companies	108,359		
	Weimar-Ohlstrom-S.A. Gas Co. Stock	600		
	A. M. Barnes Estate-Shares	9,804		
	S. McGregor Reid-Shares	51,472		
	Jean B. Reid-Shares	125,258		
	Reginald Walker Bequest-Shares	52,503		
	Milne Scholarship Fund-Shares	10,433		
	Cellulose (Aust.) Ltd.-T. E. Barr Smith (Lady Barr Smith Anti-Cancer Fellowship)	21,000		
	S. D. Holdsworth Estate	22,745		
	C.N.F. Unit Trust (Ronald Fisher Prize)	305		
	A. E. Lawrence-Shares in Companies	15,369		
	M. I. Hatwell Estate-Shares	7,295		
	H. Farmer Estate	126,889		
	R. A. Fisher Royalties Fund	2,527		
	A. R. Riddle Estate	1,937		
			950,620	
				<u>\$1,829,375</u>
<b>18. Buildings, Furniture and Fittings-</b>				
	Bonython Hall		102,007	
	Barr Smith Library		450,396	
	Mitchell Building		128,429	
	Physics Building		161,824	
	Glasshouse-Department of Genetics		4,432	
	Staff Club Building		51,967	
	Prince of Wales Building		147,707	
	Elder Conservatorium Building		70,674	
	Darling Building		286,405	
	Refectory Building, Offices, etc.	338,812		
	Union Hall	245,448		
	George Murray Building	23,086		
	Lady Symon Building	19,000		
			626,346	
	Johnson Chemistry Building		729,576	
	Caretaker's Lodge		3,691	
	Carried forward		2,763,454	



## THE UNIVERSITY OF ADELAIDE

487

*Schedules — Capital Accounts as at 31st December, 1968 — Continued*

	\$	\$	\$
Brought forward .....		2,763,454	
Mathematics Building .....		75,150	
Mechanical Engineering Building .....		116,615	
Main Engineering Building .....		461,783	
Engineering Annexe .....		192,605	
Medical School .....		992,768	
Mawson Laboratories .....		254,588	
Oil Store .....		1,230	
Stores Building .....		371	
Benham Laboratories .....		112,611	
Observatory Building .....		15,000	
Organic Chemistry Building .....		551,888	
Seismograph Vault at Mt. Bonython .....		6,682	
Seismograph Vault at Hallett .....		2,327	
Seismograph Vault at Cleve .....		3,522	
Prefabricated Hut and Fencing—St. Kilda .....		2,859	
University Maintenance Workshop .....		23,170	
New Classhouse—Botany .....		6,133	
Napier Building .....		2,171,021	
R. A. Fisher Laboratories .....		1,153,829	
Capital Development of Park 9 .....		42,035	
Sporting Facilities—Change Room, No. 2 Oval .....		13,729	
Bragg Laboratories .....		231,561	
Physical Education Building .....		237,145	
Mount Torrens Field Station .....		7,457	
		<u>9,439,533</u>	
19. <i>Other Lands and Buildings—</i>			
Landed Estate—Northern Territory .....		317	
Land adjacent to Flinders University .....		161,540	
Martindale Hall and Land .....		60,867	
Land at Buckland Park .....		16,084	
<i>MacKinnon Parade and Finniss Street Properties—</i>			
105 MacKinnon Parade, North Adelaide			
109 MacKinnon Parade, North Adelaide			
107 MacKinnon Parade, North Adelaide			
1 MacKinnon Parade, North Adelaide			
53-55 MacKinnon Parade, North Adelaide			
139 MacKinnon Parade, North Adelaide			
143 MacKinnon Parade, North Adelaide			
97 MacKinnon Parade, North Adelaide			
77-79 Finniss Street, North Adelaide			
73 Finniss Street, North Adelaide			
83 Finniss Street, North Adelaide			
93 Finniss Street, North Adelaide			
89 Finniss Street, North Adelaide			
85 Finniss Street, North Adelaide			
41 Finniss Street, North Adelaide			
43 Finniss Street, North Adelaide			
99 Finniss Street, North Adelaide			
Total .....		186,352	
		<u>\$425,160</u>	
20. <i>Advances on Mortgages—</i>			
11 Advances .....		<u>\$21,950</u>	
21. <i>Trust Funds held by Trustees—</i>			
Edward Neale .....		9,923	
Rosye F. Mortlock .....		10,172	
		<u>\$20,095</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
22. <i>Current Balances—</i>			
Petty Cash—Revenue Officer .....		200	
<i>Materials in Workshop—</i>			
Maintenance Workshop .....	10,389		
Instrument and Mechanical Maintenance Workshop .....	539		
Photographic Services Materials .....	1,386		
Stores Account .....	6,362		
Bulk Alcohol and Methylated Spirits .....	154		
		18,830	
<i>Sundry Debit Balances—</i>			
Sir Douglas Mawson Anniversary Volume ..	1,087		
Outstanding Workshop Accounts .....	792		
Sundry Accounts .....	386		
Union Salaries and Wages ..	3,336		
Lawrence Matrix .....	455		
Staff Club Wages .....	3,686		
Engineering Testing ..	393		
Cancer Research .....	22		
Sundry Debtors—Library (Xerox) .....	70		
University Admissions Office .....	11,241		
14 Staff Advances associated with Study Leave, etc. ....	13,087		
N.H.M.R.C.—Kerr—Physiology—Advance Payment ..	191		
Funds Advanced to Bedford Park .....	89		
Research Grants Committee—Department of Education and Science ..	1,208		
E. & W.S.—New Kangaroo Creek Dam Fund—Civil Engineering .....	2,200		
Anonymous Donation—Dental .....	577		
Advance Payments 1969 Departmental Maintenance .....	21,091		
The University of Adelaide Wind Quintet ..	12,000		
Highways Investigation Fund—Civil Engineering .....	217		
Highways and Local Government Research Fund—Civil Engineering .....	36		
Advance Payments 1969—Research Equipment—Mawson Institute ..	3,496		
Advance Payments 1969—Research Maintenance—Physics .....	372		
Department of Supply—Image Intensifier—Mawson Institute .....	250		
Advance Payments 1969—Research Equipment—Physiology ..	902		
Advance Payments 1969—U.R.G. ....	3,176		
Australian Institute of Aboriginal Studies—Ellis .....	148		
Australian Institute of Aboriginal Studies—Hercus .....	716		
Donations—Forbes Research—Medicine .....	15		
Dental—Microscope Fund ..	2,576		
S.A. Tuberculosis Association Library—Donation ..	94		
National Health and Medical Research Grant .....	438		
C. J. Martin Travelling Scholarship .....	406		
C. J. Martin Travelling Scholarship—Scroop .....	138		
Carried forward .....	84,891	19,030	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	84,891	19,030	
Colonial Sugar Refining Co. Scholarship— Physical Chemistry .....	100		
A.I.N.S.E. Grant—Mechanical Engineering ..	1,653		
Prime Minister's Department—Grant for Publication of B.A.N.Z.A.R.E. ....	887		
Rothman Junior Fellowship Grant— Biochemistry .....	151		
Australian Meat Research—Zoology .....	355		
Reserve Bank of Australia 50th Anniversary—Postgraduate Scholarship Psychology .....	60		
Department of Supply—Physics .....	3,264		
Wool Research Committee Grant— Economics .....	3,401		
Bushfire Research Committee—Mechanical Engineering .....	116		
Commonwealth Wheat Fund— Biochemistry .....	42		
Colgate-Palmolive—Dentifrice—Dental .....	1,112		
W.R.E. Grant—Laser Research .....	5,084		
Australian Atomic Energy Commission— Inorganic Chemistry .....	284		
A.F.O.S.R.—Physics .....	1,026		
Commonwealth Wheat Research Studentship —Biochemistry .....	97		
Simpson-Pope Ltd.—Research Fellowship ...	5,447		
Adelaide Children's Hospital—Child Health	25		
A.F.O.S.R.—Physics .....	929		
Nuffield Foundation—Elder Conservatorium Life Insurance Medical Research— Pathology and Physiology .....	735		
Air Force Cambridge Research Laboratory —Physics .....	140		
National Aeronautics and Space Administration—Physics .....	3,940		
Queen Elizabeth II Fellowship—Organic Chemistry .....	18		
National Heart Foundation—Physiology ...	104		
Wool Research Studentship—Zoology .....	1,125		
C.S.I.R.O.—Mawson Institute .....	215		
A.F.O.S.R.—Physics .....	2,613		
Commonwealth Department of Supply— Mechanical Engineering .....	2,407		
C.S.I.R.O.—Physical and Inorganic Chemistry .....	4		
Australian Wool Board Scholarship— Biochemistry .....	402		
National Aeronautics and Space Administration—Physics .....	8		
C.S.I.R.O.—Studentship—Biochemistry .....	764		
C.S.I.R.O.—Studentship—Physics .....	414		
C.S.I.R.O.—Studentship—Physics .....	91		
C.S.I.R.O.—Studentship—Physics .....	91		
Department of Supply—Postgraduate Student—Electrical Engineering .....	93		
Australian Institute of Physics—Mawson Institute .....	26		
C.S.I.R.O.—Studentship— Mathematical Physics .....	34		
Mathematical Physics .....	222		
Carried forward .....	122,574	19,030	

## FINANCIAL STATEMENTS

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....	122,574	19,030	
Physical and Inorganic Chemistry .....	29		
Physics .....	50		
Physics .....	87		
Botany .....	77		
Northern Territory Administration			
Aborigine Project—Psychology .....	2,333		
Asthma Foundation—Medicine .....	1,127		
C.S.I.R.O.—Koonamore—Botany .....	218		
Queen Elizabeth II Fellowship—Physics .....	452		
Australian Research Grants Committee—			
Physiology—Speden and Hills .....	182		
Physical Chemistry—Stranks .....	65		
Psychology—Jeeves .....	25		
Physics—McCracken .....	51		
Biochemistry—Wells .....	16		
Physics—Elford .....	29		
Physics—Tomlin .....	441		
Mechanical Engineering—Bull—			
Equipment .....	65		
Mechanical Engineering—Bull—			
Maintenance .....	8		
Geology—Oliver .....	17		
Biochemistry—Symons .....	187		
Child Health—Elliott .....	65		
History—Van den Dungen .....	27		
Music—Ellis .....	19		
History—Gilchrist .....	8		
Physical and Inorganic Chemistry—			
Kurucsev .....	11		
Organic Chemistry—Lewis .....	183		
Organic Chemistry—Prager .....	3		
Zoology—Andrewartha .....	49		
Surgery—Charnock .....	19		
Obstetrics—Cox .....	14		
Psychology—Glow .....	8		
Mechanical Engineering—Mannam .....	156		
Genetics—Fraser .....	46		
Botany and Genetics—Martin and			
Hayman .....	51		
Mathematical Physics—Green .....	23		
Microbiology—Jenkin .....	1,056		
Music—Ellis .....	913		
Organic Chemistry—Beckwith and			
others .....	637		
Physical and Inorganic Chemistry—			
Jordan .....	306		
Kurucsev .....	344		
Laurence .....	60		
Stranks .....	473		
Stranks .....	43		
Payroll Tax and Insurance—1968 .....	5,210		
Biochemistry—Symons .....	130		
Mathematical Physics—Green .....	14		
Mawson Institute—Carrick .....	50		
Physics—Elford .....	314		
Physics—McCracken .....	710		
Zoology—Smyth .....	193		
Scholarships—			
General Practice Study Group Prize—			
Dentistry .....	21		
Carried forward .....	139,189	19,030	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
Brought forward .....	139,189	19,030	
Australian Dental Association Prize—			
Dentistry .....	31		
Anti-Cancer Foundation .....	28,401		
Patent—Recording Apparatus .....	537		
Insurance Refunds .....	13		
Patent—			
Pneumatic Analogue .....	234		
Thermol Analogue .....	234		
Improved Aerial System .....	2,282		
Ultra-high Density Information Storage .....	34		
Autopsy Fees .....	190		
Beach Erosion—Civil Engineering .....	4,200		
N.H.M.R.C.—			
Medicine .....	1,361		
Microbiology .....	385		
Physiology .....	11,720		
Physiology .....	2,782		
Dental .....	6		
Dental .....	150		
Surgery .....	86		
Mental Health .....	54		
514 Loans to Students for Fees .....	74,321		
	<u>266,210</u>		
		<u>\$285,240</u>	

## 23. Buildings in Progress—

Modifications to Engineering Annexe—			
Computing Science .....	30,115		
Modifications to Engineering Annexe—			
Equipment and Furniture .....	3,244		
		33,359	
Buildings in Progress—Planning .....		32,214	
New Law Building—Architects Fees .....		16,806	
Restoration of Site—Napier Forecourt .....		237,595	
C.D.C. 6400 Computer—Computing Centre .....		743,408	
Ligertwood Building .....	780,928		
Ligertwood Building—Furniture and			
Equipment .....	23,089		
		804,017	
Contract Architect Salaries .....		14,000	
Medical School Building—Replacement of			
Lift .....		10,004	
Library Conversion .....		1,587	
Napier Conversions .....	1,306		
Napier Conversions—Equipment and			
Furniture .....	1,603		
		2,909	
Site Works and Services—East and North			
of Law Building .....		9,406	
Alterations to Prince of Wales Building .....	9,798		
Alterations to Prince of Wales Building—			
Equipment and Furniture .....	2,616		
		12,414	
Library Complex Stage I .....	359,812		
Library Complex Stage I—Equipment and			
Furniture .....	24,788		
		384,600	
Carried forward .....		<u>2,302,319</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1968 - Continued

	\$	\$	\$
Brought forward .....		2,302,319	
Site Works and Services—Napier Frontage .....		2,141	
Biochemistry—Conversion from Pharmacy .....		1,775	
Napier Building—P.A.B.X. Room .....		3,843	
Building for Department of Physics and Mawson Institute .....		152,038	
Planning (1967-9 Triennium) .....		6,511	
Installation of D.C. Equipment .....		20,778	
Undercroft of Fisher Laboratories .....	15,656		
Undercroft of Fisher Laboratories— Equipment and Furniture .....	1,277		
		16,933	
Demolition and Re-erection Carpenters' Workshop .....		19,002	
Site Works and Services—Replacement of Services .....		735	
Anechoic Chamber .....		4,232	
		<u>2,530,307</u>	
 24. <i>Equipment and Furniture—</i>			
Balance at 31/12/67 (for details see Schedule 26, 1967 Financial Statements) .....		5,796,654	
Add Purchases, 1968—			
From S.A. Government Grants .....	186,166		
From Donations and Other Grants .....	209,399		
		<u>395,565</u>	
		6,192,219	
Deduct Written off during 1968 due to obsolescence—			
From S.A. Government Grants for Equipment .....	45,307		
From Donations and other Grants .....	4,715		
		<u>50,022</u>	
		<u>\$6,142,197</u>	
 25. <i>Library Books and Binding—</i>			
Balance at 31/12/67 (for details see 1967 Financial Statements) .....		1,896,763	
Add Purchased, 1968—			
From S.A. Government Grants .....	221,487		
From Donations and other Grants .....	4,823		
		<u>226,310</u>	
		<u>\$2,123,073</u>	
 WAITE AGRICULTURAL RESEARCH INSTITUTE—			
26. <i>Inscribed Stock—Share Investments—</i>			
Commonwealth Government Special Series "I" Bonds—4%—4%—1/10/70 .....		600	
S.A. Gas Co. Bonds (Sandland) .....		780	
Estate W. H. Sandland—Shares .....		8,239	
Estate W. D. Grigg—Shares .....		5,503	
		<u>\$15,122</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1968 – Continued

	\$	\$	\$
27. <i>Funds Held by Trustees—</i>			
Peter Waite Trust Fund Investments .....		120,318	
Elizabeth MacMeikan Trust Fund Investments .....		37,744	
Hugh Hughes Estate—Trust Fund .....		72,145	
		<u>230,207</u>	<u>\$230,207</u>
28. <i>Land—</i>			
Urrbrae, Claremont and Netherby Estates ..		84,909	
Alverstoke Estate .....		24,000	
		<u>108,909</u>	<u>\$108,909</u>
29. <i>Buildings—</i>			
Plant Pathology House .....		3,300	
Plant Culture House .....		1,700	
Implement Shed and Workshop .....		2,252	
Cereal Barn .....		4,029	
Netherby Cottage .....		1,475	
Implement Shed No. 2 .....		2,166	
Plant Culture House .....		11,429	
Shearing Shed .....		3,172	
Education Block .....		798	
Cool House No. 5B (Building No. 35) .....		17,065	
Glasshouse and Shadehouse—Rural Credits Fund .....		6,122	
Glasshouse No. 5, South Portion (Building No. 33) ..		2,159	
Extension of Plant Culture House (Wiles Prefabricated Shed) .....		3,534	
Prefabricated Shed Building No. 32 .....		1,006	
Glasshouse No. 6 (Building No. 34) .....		314	
Glasshouse No. 21 .....		5,204	
John Melrose Laboratory .....		33,487	
John Melrose Laboratory—Fittings ..		8,373	
John Darling Laboratory .....		19,624	
John Darling Laboratory—Fittings .....		4,373	
Ranson Mortlock Laboratory .....		22,910	
Ranson Mortlock Laboratory—Fittings .....		7,843	
Waite Institute (South Wing) .....		42,926	
Waite Institute (South Wing)—Fittings .....		8,246	
Glasshouse No. 7 .....		7,600	
Alterations to Urrbrae House .....		19,968	
Alterations to Laboratories—Agricultural Biochemistry .....		38,767	
Renovations to Laboratories (C.S.I.R.O. Grant) ..		3,163	
Alterations—Plant Pathology (Nematology Laboratories) .....		6,187	
Waite Insectary Building .....		38,371	
New East Wing .....		223,035	
New East Wing—Furniture and Equipment .....		8,898	
Maintenance Workshop .....		19,063	
Agronomy Field Laboratory ..		20,840	
Glasshouse No. 8 .....		19,290	
Agronomy Garage .....		2,340	
Wait Animal House (Agricultural Biochemistry) .....		6,229	
Carried forward .....		<u>627,258</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
Brought forward .....		627,258	
Central Animal House .....		49,011	
Farm Garages .....		2,585	
Caretaker's Cottage—Urrbrae .....		9,842	
Animal and Sheep Pens .....		31,953	
Mortlock Experiment Station—Improvements .....		3,206	
Library .....		69,998	
Sheep Pens .....		8,030	
Bee Research Laboratory .....		14,090	
Mortlock Experiment Station—Field .....			
Laboratory .....		31,806	
Head House for Glasshouses .....		27,994	
Plant Pathology Field Laboratory .....		49,354	
Three Houses—Mortlock Experiment .....			
Station .....		30,548	
Sub-station .....		3,145	
Controlled Environment Building .....		22,247	
Students' Chemistry Laboratory .....		16,064	
Insectary Glasshouse .....		11,606	
Glasshouse No. 22 .....		5,042	
		<u>1,013,779</u>	
30. <i>Equipment, Furniture and Farm Stock—</i>			
Balance at 31/12/67 (for details see 1967 .....			1,585,314
Financial Statements) .....			
Purchased during 1968— .....			
Furniture and Equipment .....	84,842		
Equipment and Improvements— .....			
Dorothy Mortlock Bequest .....	6,575		
Equipment Special—Agricultural .....			
Biochemistry .....	701		
Liquid Nitrogen Machine .....	850		
		<u>92,968</u>	
Stock Account—Sheep .....	1,973		
Deduct—Mortlock Stock Account .....	141		
		<u>1,832</u>	
			<u>94,800</u>
			<u>\$1,680,114</u>
31. <i>Library—</i>			
Purchased from Government Grants .....		171,905	
Library .....		22,246	
		<u>\$194,151</u>	
32. <i>Current Balances—</i>			
Petty Cash .....		100	
Advance Account .....		200	
Wool Research Fund— .....			
Agronomy—Introduced Species .....		1,509	
Entomology—Plague Locusts .....		1,810	
Animal Physiology—Adapt to Tropics .....		375	
Animal Physiology—Endocrine .....		2,624	
Animal Physiology—Studentship .....		11	
Barley Fund—Agricultural Biochemistry .....		1,297	
		<u>7,926</u>	
Carried forward .....		7,926	



## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1968 — Continued

	\$	\$	\$
Brought forward .....		7,926	
Barley Fund—Plant Physiology .....		14,825	
Rural Credits Fund—Plant Physiology .....		6	
Commonwealth Wheat—			
Agricultural Biochemistry .....		26,655	
Plant Pathology .....		10,389	
Plant Physiology .....		6,209	
Agronomy .....		120	
Plant Pathology .....		16	
S.A. State Wheat Fund—Agricultural			
Biochemistry .....		25,114	
Sirex Wasp Research—Entomology .....		3,701	
Sirex Wasp Research—Plant Pathology .....		13,210	
Australian Meat Research—Animal			
Physiology .....		23,157	
Australian Meat Research—Experiment			
Station .....		5,086	
Rural Credits Fund—Agronomy .....		681	
Sulphur Institute—Agronomy .....		322	
Rural Credits Fund—Agronomy .....		11	
Shell Chemical Australia Pty. Ltd.—Plant			
Pathology .....		193	
Rural Credits Fund—Agronomy .....		614	
Commonwealth Development Bank—			
Entomology .....		746	
A.I.N.S.E.—Agricultural Biochemistry .....		1,880	
Rothmans Junior Fellowship—Agricultural			
Biochemistry .....		2,240	
Cyanamid D.H.A. Grant—Plant Physiology .....		109	
Chilean Nitrate Grant—Agricultural			
Biochemistry .....		310	
Parke Davis Grant—Entomology .....		3	
C.S.I.R.O. Studentship—Agricultural			
Biochemistry .....		66	
Rural Credits Fund—Plant Pathology .....		1,283	
Sundry Balances .....		434	
I.B.P. Secretarial Assistance—Agronomy .....		900	
Australian Meat Fund—Agronomy .....		1,875	
S.A. Department of Agriculture—Plant			
Pathology .....		569	
Rural Credits Fund—Biometry .....		4,700	
Sulphate Project Grant—Agricultural			
Biochemistry .....		269	
Australian Research Grants Committee—			
Plant Pathology—Flentje .....		650	
Agronomy—Donald and Puckridge .....		459	
Agronomy—Egan .....		334	
Plant Pathology—Warcup .....		624	
Entomology—Browning .....		8	
Agricultural Biochemistry—Tate—			
Equipment .....		130	
Agricultural Biochemistry—Tate—			
Maintenance .....		320	
Agricultural Biochemistry—Greenland .....		555	
Agricultural Biochemistry—Nicholas .....		641	
Agronomy—Donald and Puckridge .....		30	
Plant Physiology—Paleg .....		9	
Agricultural Biochemistry—Jackson .....		35	
Sundry Debtors .....		6,985	
Advance Payments, 1969—Building Repairs .....		470	
Advance Payments, 1969—U.R.G. ....		207	
		-----	
		<u>\$165,076</u>	

## THE UNIVERSITY

*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Anthropology</i>	Australian Institute of Aboriginal Studies
<i>Architecture</i>	The Ian Potter Foundation
<i>Biochemistry</i>	Australian Research Grants Committee Rural Credits Development Fund Australian Wool Board Wheat Industry Research Council (Commonwealth) Jane Coffin Childs Memorial Fund
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health
<i>Botany</i>	Australian Research Grants Committee Reserve Bank—Rural Credits Development Fund Reserve Bank—Rural Credits Development Fund C.S.I.R.O. Royal Society of London
<i>Physical and Inorganic Chemistry</i>	Australian Research Grants Committee Australian Institute of Nuclear Science and Engineering General Motors-Holden's Ltd. Rothmans University Endowment Fund Nuffield Foundation
<i>Organic Chemistry</i>	Australian Research Grants Committee Nuffield Foundation Prime Minister's Department Department of Supply
<i>Child Health</i>	Life Insurance Medical Research Fund Merck Sharp and Dohme National Heart Foundation of Australia Commonwealth Department of Health, W. S. Merrell & Co. Adelaide Children's Hospital Ciba Co. Pty. Ltd.

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968	<i>Estimated</i> 1969
	\$	\$
Grant for Lectures on Australian Literature	879	500
Grant for Research—Strehlow	2,376	5,000
Grant for Research—Dr. C. Ellis	284	7,500
Grant for Research—C. P. Mountford	1,072	1,750
Grant for Research—Professor A. A. Abbie	1,555	1,500
Fellowship—Mrs. L. Hercus	2,770	625
Grant for Research	200	295
Grant for Research	33,681	20,689
Grant to establish a unit for Virus Biochemistry and Molecular Biology	6,186	6,666
Grant for Research on Structure and Biochemical Aspects of Keratinisation	2,882	5,850
Grant for Wheat Improvement Research	7,410	9,700
Grant for Medical Research	4,755	200
N.H.M.R.C. Annual Grant	2,000	2,000
Grant for Research	19,332	49,042
Grant for Research Project—"Ecology of Cattle Grazing in Central Australia"	1,879	1,240
Grant for Project—"Difference in Chromosome size between related plant species"	7,518	250
Grant for Postgraduate Training in Biophysics	1,458	90
Grant for Research	939	280
Grants for Research	35,353	46,671
Grants for Research	1,085	—
Postgraduate Fellowship	2,972	4,800
Postgraduate Fellowship	141	—
Grant for Research	4,362	570
Grant for Research	22,809	20,980
Grant for Research in Organic Chemistry	—	5,000
Queen Elizabeth II Fellowship	7,261	—
Grant-in-aid	575	519
Grants for Research	2,272	450
Grant for Research	74	29
Grant-in-aid	4,360	—
N.H.M.R.C. Grants for Medical Research	8,641	3,900
Grant for Research	223	650
Grants for Research in Child Health	3,301	5,600
Grant for Research in Child Health	414	500
Carried forward	191,019	202,846

THE UNIVERSITY  
*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Computing Science</i>	Control Data of Aust. Pty. Ltd.
<i>Dental Science</i>	Rothmans University Endowment Fund Commonwealth Department of Health United States Department of Health, Education and Welfare Colgate Palmolive Pty. Ltd.
<i>Economics</i>	Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Reserve Bank—Economic and Financial Research Fund Wool Research Committee
<i>Elder Conservatorium</i>	Nuffield Foundation
<i>English</i>	Australian Research Grants Committee Prime Minister's Department
<i>Civil Engineering</i>	Rainspray Sprinklers Ltd. Associated Minerals Consolidated General Motors-Holden's Ltd. Esso Standard Oil (Aust.) Ltd. Seaside Councils Committee Cement and Concrete Association of Australia Various Donors
<i>Electrical Engineering</i>	C.S.I.R.O. Electrical Research Board Esso Standard Oil (Aust.) Ltd. Department of Supply Department of Civil Aviation I.C.I.A.N.Z. C.S.I.R.O.—Radio Research Board Australian Research Grants Committee
<i>Chemical Engineering</i>	Australian Research Grants Committee Australian Atomic Energy Commission

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968 \$	<i>Estimated</i> 1969 \$
Brought forward	191,019	202,846
Postgraduate Research Fellowships	9,379	855
Fellowship	7,780	8,000
N.H.M.R.C. Grants for Medical Research	13,123	21,730
Grant for Growth Study of Australian Aborigines	21,338	6,500
Grant for Dental Research	13,163	10,000
Grant for Project—"Australian Manufacturing Industry"	64	700
Grant for Project—"The Behaviour of Australian Share Prices"	275	1,225
Grant for Project—"Monetary Policy in Australia"	627	120
Grant for Project—"Sources and Uses of Funds"	55	60
Grant for Project—"Investigation into Australian Transport Industry"	—	600
Grant for Project—"New Land Development"	—	580
Grant for Project—"Australian Labour Market"	238	39
Grant for Postgraduate Programme in Wool Economics	17,790	22,000
Grant for the Project—"Heritage of Australian Music"	1,084	—
Grant for Research	3,607	4,650
Grant for Australian Literature	250	250
Grant for Irrigation Research	1,933	2,000
Grant for Dredge Fund	1,380	2,000
Postgraduate Fellowship	2,000	3,000
Grant for Research	120	500
Grant for Beach Erosion Studies	10,955	12,000
Grant for Research	243	1,250
Grants to support Research on House Foundations	2,703	8,000
Grant for Research on Control of Linear and Rotary Electro-Mechanical Motion	4,073	800
Grant for Research	352	140
Grant for Research on Overseas Radio Propagation	4,247	3,600
Grant for Research	492	—
Research Fellowship	1,297	1,500
Grant for Research	2,383	2,000
Grant for Research	—	4,400
Grant for Research	3,596	9,541
Grant for Research	6,125	7,375
Carried forward	321,691	338,261

## THE UNIVERSITY

*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
	Australian Institute of Nuclear Science and Engineering
	Esso Standard Oil (Aust.) Ltd.
	Department of Supply
<i>Mechanical Engineering</i>	Australian Research Grants Committee
	Department of Supply
	Simpson-Pope Limited
	Australian Institute of Nuclear Science and Engineering
	Esso Standard Oil (Aust.) Ltd.
<i>Genetics</i>	Rothmans University Endowment Fund
<i>Mathematics</i>	General Motors-Holden's Ltd.
	Australian Road Research Board
	United States Navy Grant
<i>Mathematical Physics</i>	Australian Research Grants Committee
	Australian Institute of Nuclear Science and Engineering
	Rothmans University Endowment Fund
<i>Mawson Institute</i>	Australian Research Grants Committee
	C.S.I.R.O. Radio Research Board
	C.S.I.R.O.
<i>Medicine</i>	Commonwealth Department of Health
	National Heart Foundation
	Department of Territories
	Asthma Foundation of Australia
<i>Music</i>	Australian Research Grants Committee
<i>Microbiology</i>	Australian Research Grants Committee
	Commonwealth Department of Health
	United States Department of Health, Education and Welfare
	United States Department of Health, Education and Welfare
	Nuffield Foundation
	Glaxo Laboratories (Aust.) Ltd.
	Pfizer Co. Ltd.
<i>Pathology</i>	National Heart Foundation
	Australian Research Grants Committee
	Australian Road Research Board

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968 \$	<i>Estimated</i> 1969 \$
Brought forward	321,691	338,261
Grant for Project—"Transient Response of Packed Beds"	834	500
Grant for Research	500	—
Grant-in-aid	1,591	275
Grant for Research	3,399	5,322
Grant for Research—Postgraduate Studentships	3,150	—
Grant for Research Fellowship in Engineering Acoustics	4,283	553
Grants for Research	2,270	490
Grant for Research	—	295
Fellowship	2,024	—
Postgraduate Studentship in Traffic Theory	372	3,000
Fellowship	1,701	2,100
Grant for Research	3,788	4,000
Grant for Research	8,957	8,450
Grant for Research	1,000	50
Postgraduate Fellowship	127	—
Grant for Research	13,419	11,404
Grant for Research	57	965
Grant for Research	925	—
N.H.M.R.C. Grants for Medical Research	34,555	46,195
Grant-in-aid	22,795	11,150
Grant for Goitre Research	2,290	400
Grant for Research	3,126	—
Grant for Research	5,450	—
Grant for Research	17,409	18,756
N.H.M.R.C. Grant for Medical Research	16,444	19,800
Grant for Research	2,167	—
Research Fellowship	579	—
Grant for Research	1,326	900
Grant for Research	325	1,200
Grant for Travel	200	—
Grant for Research	—	7,652
Grant for Research	—	6,190
Fellowship	904	—
Carried forward	477,658	487,908

THE UNIVERSITY  
*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Geography</i>	Australian Institute of Aboriginal Studies
<i>Geology</i>	Esso Standard Oil (Aust.) Ltd. Australian Research Grants Committee American Petroleum Institute American Chemical Society Grant Nuffield Foundation Grant Prime Minister's Department
<i>History</i>	Australian Research Grants Committee
<i>Economic Geology</i>	Esso Exploration Aust. Inc. Broken Hill Mining Managers Association Kennecott Copper Corp. Electrolytic Zinc Co.
<i>Law</i>	Australian Institute of International Affairs
<i>Obstetrics</i>	Sandoz Ltd. Upjohn Pty. Ltd. G. D. Searle & Co. Ltd. Commonwealth Department of Health
<i>Physics</i>	C.S.I.R.O. Radio Research Board Australian Research Grants Committee Department of Supply (Weapons Research) Department of Supply (Weapons Research)  Department of Supply U.S. Air Force  Philips Electrical Industries Pty. Ltd. U.S. Air Force U.S. Air Force National Aeronautics and Space Administration Prime Minister's Department
<i>Physiology</i>	Australian Research Grants Committee Department of Air and Department of Civil Aviation Commonwealth Department of Health Roche Products Pty. Ltd. Life Insurance Medical Research Fund National Heart Foundation of Australia
<i>Politics</i>	Australian Institute of International Affairs



## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968 \$	<i>Estimated</i> 1969 \$
Brought forward	477,658	487,908
Grant for Project—"A Demographic Study of Aborigines"	852	—
Postgraduate Research Scholarship	—	2,400
Grant for Research	19,558	12,985
Grant for Research on Dolomite Sedimentation	—	1,500
Grant for Research on Pre-Cambrian Fossils	1,216	4,800
Grant for Research	270	—
Queen Elizabeth II Fellowship	4,975	8,000
Grant for Research	5,337	1,123
Grant for Research	—	4,000
Post-doctoral Fellowship	747	—
Postgraduate Fellowship	1,900	500
Grant for Research	1,500	1,500
Grant for Project—"Independence in the South Pacific"	—	900
Grant for Research	—	500
Grant for Research Project—"Prevention of Premature Labour"	1,004	500
Grant for work on Hormone Preparations	338	—
N.H.M.R.C. Grant for Medical Research	6,907	9,845
Meteor Trails Research	17,318	21,000
Grant for Research	46,516	71,138
Grant for Upper Atmosphere Research	8,688	10,000
Grant for Work on Optical Scatter Measurements with a Pulsed Laser	8,862	10,000
Grants-in-aid	4,395	6,000
Grant for Ionospheric and Meteor Observations with Large Antenna Array	14,965	16,500
Grant for Research	93	—
Grant for a Study of the Inter-planetary Magnetic Field	31,104	24,400
Grant for Atomic and Molecular Photo Disintegration	10,713	11,000
Grants for Research	13,546	14,000
Queen Elizabeth II Fellowship	452	8,000
Grant for Research	—	4,204
Aeromedical Research	6,161	7,000
N.H.M.R.C. Grants for Medical Research	31,364	20,700
Grant for Pharmacological Research on Blood Vessels	1,300	—
Grants for Research	12,834	21,540
Grants-in-aid	7,057	—
Grant for Project—"Elections—South Vietnam"	—	1,210
Carried forward	<u>737,630</u>	<u>783,153</u>

## THE UNIVERSITY

*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Psychology</i>	Australian Research Grants Committee
	Reserve Bank of Australia
	Northern Territory Administration
<i>Surgery</i>	Australian Research Grants Committee
	Commonwealth Department of Health
	National Heart Foundation
<i>Zoology</i>	Australian Research Grants Committee
	Australian Wool Board
	Australian Wool Board
	Reserve Bank—Rural Credits Development Fund
	Prime Minister's Department
<i>Barr Smith Library</i>	American Council of Learned Societies
	Australian Medical Association
	Australian Physiotherapy Association
	S.A. Associated Brewers
	Enterprise Development Association
	Adelaide University Film Society
<i>Statistics</i>	Australian Research Grants Committee
<i>Mental Health</i>	Commonwealth Department of Health
<i>Waite Institute</i>	Australian Research Grants Committee
	Australian Institute of Nuclear Science and Engineering
	Wool Research Committee
	Barley Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968	<i>Estimated</i> 1969
	\$	\$
Brought forward	737,630	783,153
Grant for Research	17,011	14,161
Fiftieth Anniversary Postgraduate Scholarship	270	—
Grant for Project—"Research on Aboriginal Infant Mortality"	2,332	6,000
Grant for Research	3,077	—
N.H.M.R.C. Grant for Medical Research	19,682	16,800
Grant-in-aid	4,158	—
Grant for Research	14,650	25,195
Grant for the Study of Ecology of the Kangaroo Island Wallaby	177	—
Postgraduate Scholarships	5,328	4,200
Grant for Research in Parasitic Nematodes	58	—
Grant for Publication of B.A.N.Z.A.R.E. Reports	569	880
Grant for American Studies	2,034	4,000
Grant for Medical Books and Periodicals	1,933	4,000
Grant for Medical Books and Periodicals	171	150
Grant for Laboratory Books, Manuals, etc., for Microbiology Department	27	50
Grant for Library Books on Economics	—	100
Grant for Library Books	5	30
Grant for Research	—	8,070
N.H.M.R.C. Grants for Research	—	10,300
	<u>\$809,112</u>	<u>\$877,089</u>
Grants for Research at Waite Institute	58,344	47,552
Grant for Project—"Use of Radioactive Nitrogen in Studies with Bacterial Enzymes"	799	1,880
Grants for Research into the following Projects: "Nutritional Factors Influencing Growth of Merino Sheep under Field Conditions in Mediterranean Climate" WR1; "Evaluation of Introduced Species and Strains of Pasture Plants for Southern Australia" WR4; "Grant for Research into Insects" WR2; "Adaptation of Sheep to Arid Tropics" WR7; "Studies of Endocrine Basis of Implantation and the Maintenance of Pregnancy" WR8	49,933	50,524
Grant for Research into Barley	39,506	40,637
Grant for Field Laboratory for Work on Soil-borne Diseases	24,570	—
Grant for Biochemical Work on Nitrogen Fixation	5,343	1,658
Grant for Installation of Controlled Environment Cabinet and Microscopes	—	681
Grant for Constant Temperature Cabinets and Glasshouses	7,661	4,339
Carried forward	<u>186,156</u>	<u>147,271</u>



## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968	<i>Estimated</i> 1969
	\$	\$
Brought forward	186,156	147,271
Grant for Project—"The Ecology of Light, Water and Nutrients in Crop and Pasture Growth"	11	—
Physiological Genetics of Adaptation in Sheep	11,960	16,908
Grant for Research into Forms of Fertilizer Nitrogen for Cereals in Relation to Rates of Supply	699	2,195
Grant for Studies in Biochemistry of Sulphur Oxidising Soil Bacteria	2,629	19,088
Grant for Virology Studentship	6,016	4,325
Grant for Studies in Reproductive Physiology	2,511	2,623
Provision of Cold Laboratory for Virus Disease and Investigations	6,063	—
Provision of Horticultural Laboratory for Plant Physiology Studies	—	29,000
Provision of Radio Active Cabinets	1,389	—
Grant for Lysimeter	185	—
Grant for "Phytotron"—Agronomy Department	—	25,000
Grant for Reader in Biometry	4,700	8,750
Grant for Tutor in Biometry	1,660	1,720
Grant for Plant Form in Cereals	—	4,080
Grant for Technican Autoanalyser for Studies of Crops, Pasture Plants and Grazing Animals	—	22,168
Grant for Investigation of <i>Eperythrozoonis ovis</i> parasite in sheep	—	3,130
Study of Infection in Crop Plants	—	6,200
Grant for Biochemical Work on Nitrogen Fixation	—	6,907
Grant for Research in Entomology	—	1,495
Grant to Professor Rogers for Entomology Laboratory for Research	—	100
Grant for Research—Animal Physiology—Dr. Sabine	4,135	5,443
Grant for Wheat Improvement Research	74,059	75,378
Grant for Wheat Improvement Research	31,925	30,802
Grant towards Quarantine Investigations	1,384	10,880
Grant for Research	20,655	30,574
Grant to Purchase Research Equipment and for Studies in Pollination of Lucerne	1,234	1,815
Grant for Sirex Wasp Research	11,025	10,500
Grant for Studies of the Seasonal Availability of Sulphur in some South-East Soils	2,109	—
Incubation Studies in Soils with Varying History of Fertilizer Users		
Grant for Project—"The Effect of Growth Retardance of Grape Berry Development"	713	—
Grant for Project—"The Role of Boron in Plant Nutrition"	551	2,205
Contribution towards Building of New Field Laboratory	33	367
Grant for Project—"Biosynthesis of Oestrogen-like Substance in Clover"	11,109	3,728
Grant for Project—"Ecological Study of Red Scale"	7,835	13,490
Carried forward	390,746	486,142

THE UNIVERSITY  
*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute (continued)</i> ...	Commonwealth Development Bank of Australia ..... U.S. Department of Public Health, Education and Welfare ..... U.S. Department of the Army Surgeon-General  Chilean Nitrate Corporation .....  Woods and Forests Department ..... G. Aitken Grant .. ..... Sulphate Project .. ..... Wheat Industry Research Committee of Victoria ..... I.B.P. Grant ..... Alf Hannaford Grant .....

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1968 \$	<i>Estimated</i> 1969 \$
Brought forward	390,746	486,142
Grant for Salaries—Agronomy Department	—	3,000
Grant for Project—"Physiological Adaptation to Parasitism"	18,761	12,783
Grant for Project—"Water and Electrolyte Economy of Desert Aborigines and New Guinea Melanesians"	4,063	2,102
Grant for Research on "The Role of Sodium in the Growth of Economic Plants"	—	100
Grant for Investigations of Microfauna and Flora	208	885
Grant for Conversion of Existing Building into a Laboratory	396	2,704
Sulphate Project—Agricultural Biochemistry and Soil Science	2,809	5,828
Grant for Wheat Research	—	58
Grant for I.B.P. Secretarial Assistance	1,535	1,389
Grant Contribution to Plant Pathology Laboratory	2,500	—
	<u>\$421,018</u>	<u>\$514,991</u>

## SUMMARY

NORTH TERRACE	\$809,112	\$877,089
WAITE INSTITUTE	\$421,018	\$514,991
Total Grants from Outside Sources	<u>\$1,230,130</u>	<u>\$1,392,080</u>

## THE UNIVERSITY

## STATEMENT OF SEPARATE

				INCOME	\$
ANTI-CANCER FOUNDATION—					
Annual Grant from Government of S.A.	.....	.....	.....	.....	12,000
Income from Neale Endowment	.....	.....	.....	.....	2,840
Income from R. F. Mortlock Endowment	.....	.....	.....	.....	617
Income from C. V. Crocombe Endowment	.....	.....	.....	.....	394
Income from R. T. Melrose Endowment	.....	.....	.....	.....	243
Income from J. Grinberg Endowment	.....	.....	.....	.....	11
Income from H. L. Heuzenroeder Endowment	.....	.....	.....	.....	302
Income from Hoare Estate Endowment	.....	.....	.....	.....	764
Income from M. August Endowment	.....	.....	.....	.....	195
Income from Emma Jeffress Endowment	.....	.....	.....	.....	646
Income from Ruby Chambers Endowment	.....	.....	.....	.....	52
Income from O. E. Braund Endowment	.....	.....	.....	.....	665
Income from E. Mills Endowment	.....	.....	.....	.....	215
Income from Isobel Young Endowment	.....	.....	.....	.....	238
Income from Ethel E. Jenkins Bequest	.....	.....	.....	.....	82
Income from J. P. L. M. Marshall Estate	.....	.....	.....	.....	373
Income from M. I. Hatwell Estate	.....	.....	.....	.....	726
Income from Lord Mayor's Fund	.....	.....	.....	.....	7,959
Income from Sundry Endowments	.....	.....	.....	.....	345
Income from May D'Albiac Toler-Rowley Estate	.....	.....	.....	.....	2,071
Income from N. B. C. Chapman Bequest	.....	.....	.....	.....	259
Income from E. H. Copley Estate	.....	.....	.....	.....	286
Income from E. F. Hern Estate	.....	.....	.....	.....	123
Income from John H. Forsythe Bequest	.....	.....	.....	.....	5,781
Income from M. A. Macfarlane Estate	.....	.....	.....	.....	2,053
Linear Accelerator Treatment Fees	.....	.....	.....	.....	4,416
Donations	.....	.....	.....	.....	1,636
Physics Section Income	.....	.....	.....	.....	997
Anti-Cancer Cytology Services (Net Income)	.....	.....	.....	.....	27,728
Deficit, 1968	.....	.....	.....	.....	39,526
				<u>.....</u>	<u>\$113,543</u>
UNION FEES—					
Fees received for the year 1968	.....	.....	.....	.....	249,753
				<u>.....</u>	<u>\$249,753</u>
ADULT EDUCATION—					
Allocation by University	.....	.....	.....	.....	60,500
Fees: Tutorial Classes	.....	.....	.....	.....	22,314
Schools and Special Programmes	.....	.....	.....	.....	22,714
				<u>.....</u>	<u>\$105,528</u>



OF ADELAIDE

ACCOUNTS FOR THE YEAR 1968

EXPENDITURE						\$
ANTI-CANCER FOUNDATION—						
Salaries and Payroll Tax and Insurance	.....	.....	.....	.....	.....	69,283
Physics Section Expenses	.....	.....	.....	.....	.....	1,292
Equipment	.....	.....	.....	.....	.....	678
Library	.....	.....	.....	.....	.....	719
Sundries	.....	.....	.....	.....	.....	752
Patients' Care	.....	.....	.....	.....	.....	781
Patients' Transport	.....	.....	.....	.....	.....	76
Car Expenses	.....	.....	.....	.....	.....	1,081
Travelling Expenses	.....	.....	.....	.....	.....	2,952
Hostel Maintenance	.....	.....	.....	.....	.....	739
Linear Accelerator Maintenance	.....	.....	.....	.....	.....	4,220
Public Education	.....	.....	.....	.....	.....	182
Subscription to Aust. Cancer Society	.....	.....	.....	.....	.....	2,000
Computing Expenses	.....	.....	.....	.....	.....	1,122
Grant to Royal Adelaide Hospital	.....	.....	.....	.....	.....	1,344
Grant to Department of Obstetrics—Maintenance	.....	.....	.....	.....	\$15,662	
Grant to Department of Obstetrics—Equipment	.....	.....	.....	.....	703	
					<u>16,365</u>	
Grant to Flinders University	.....	.....	.....	.....	.....	5,748
Grant to Waite Institute	.....	.....	.....	.....	.....	4,135
Grant to Computing Science	.....	.....	.....	.....	.....	74
					<u>\$113,543</u>	
UNION FEES—						
Paid to Union Council	.....	.....	.....	.....	.....	248,450
Refunded to Students	.....	.....	.....	.....	.....	1,196
Balance as at 31/12/68	.....	.....	.....	.....	.....	107
					<u>\$249,753</u>	
ADULT EDUCATION—						
Administrative Salaries	.....	.....	.....	.....	.....	50,075
Honoraria—Tutors and Lecturers	.....	.....	.....	.....	\$17,132	
Schools and Special Programmes	.....	.....	.....	.....	10,166	
					<u>27,298</u>	
Payroll Tax and Insurance	.....	.....	.....	.....	.....	1,944
Car Expenses	.....	.....	.....	.....	\$1,029	
Travelling Expenses—Staff	.....	.....	.....	.....	470	
					<u>1,499</u>	
Tutors' Travelling Expenses	.....	.....	.....	.....	.....	882
Printing and Programmes	.....	.....	.....	.....	.....	1,333
Advertising	.....	.....	.....	.....	.....	1,163
Library	.....	.....	.....	.....	.....	352
Administrative Expenses	.....	.....	.....	.....	.....	4,837
Schools and Special Programmes Expenses	.....	.....	.....	.....	.....	14,730
Depreciation of Motor Vehicles	.....	.....	.....	.....	.....	500
Furniture and Equipment	.....	.....	.....	.....	.....	686
					<u>105,299</u>	
Excess of Income over Expenditure	.....	.....	.....	.....	.....	229
					<u>\$105,528</u>	

THE UNIVERSITY  
STATEMENT OF SEPARATE

	INCOME	\$
<b>EDWARD NEALE TRUST FUND—</b>		
Income for the year 1968		\$2,840
<b>MEDICAL RESEARCH COMMITTEE—</b>		
Sheridan Income		12,643
Hilda Farmer Income Account		170
G. M. Dowling Income Account		6,414
J. T. Mortlock Income Account		3,450
Sewell Myer Income Account		2,150
Jean B. Reid Income Account		7,995
Sundry Income		161
		\$32,983
<b>PUBLIC EXAMINATIONS BOARD—</b>		
Fees Received		181,231
Sundry Income		5,844
Government Contribution for Fees of Teaching Scholars 1968/69		4,617
Deficit for Period 1/4/68 - 31/3/69 (to be reimbursed by South Australian Government)		62,776
		\$254,468

## OF ADELAIDE

## ACCOUNTS FOR THE YEAR 1968

EXPENDITURE		\$
EDWARD NEALE TRUST FUND—		
Transferred to Anti-Cancer Fund, 1968 .....		\$2,840
MEDICAL RESEARCH COMMITTEE—		
Salaries, Payroll Tax and Insurance .....		22,829
Departmental Expenditure—		
Physiology—Maintenance and Equipment .....		3,006
Pathology—Maintenance and Equipment .....		480
Dentistry—Maintenance .....		894
Medicine—Maintenance and Equipment .....		871
Anatomy—Equipment .....		413
Obstetrics—Maintenance .....		182
Surgery—Maintenance and Equipment .....		773
Microbiology—Equipment .....		840
Biochemistry—Equipment .....		1,680
Child Health—Maintenance and Equipment .....		615
Grant to Australian Journal of Experimental Biology and Medical Science .....		400
		<u>\$32,983</u>
PUBLIC EXAMINATIONS BOARD—		
Salaries .....		24,641
Payroll Tax and Insurance .....		4,977
Examiners, Supervisors and Local Secretaries .....		142,755
Printing and Stationery .....		41,593
Sundry Examination Expenses .....		1,537
Postages .....		3,431
Sundries .....		2,090
Furniture and Equipment .....		97
Hire of Halls .....		583
Electricity .....		603
Telephone .....		1,708
Rent—Elizabeth House .....		11,187
Cleaning—Elizabeth House .....		1,305
Computing Expenses .....		6,931
Recordings .....		1,054
Temporary Staff .....		9,592
Travelling Expenses .....		384
		<u>\$254,468</u>

THE UNIVERSITY  
STATEMENT OF SEPARATE

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	\$
PUBLIC EXAMINATIONS BOARD—	
<i>Capital Account</i> —Accumulated Deficit at 31/3/69 .....	62,776

62,776

INCOME

BOARD OF EXAMINATIONS IN MUSIC—	
Fees Received for year 1968 .....	18,273

18,273

HOSPITAL FEES—	
Fees—Medicine .....	35,107
Dentistry .....	2,961

38,068

We report that we have duly audited the above statement relating to the Income and Expenditure of the Separate Accounts of The University of Adelaide in respect

Adelaide, May 5, 1969.

## OF ADELAIDE

## ACCOUNTS FOR THE YEAR 1968

	\$
PUBLIC EXAMINATIONS BOARD—	
Capital Account—Accumulated Deficit brought forward from 31/3/68	99,092
Less Government of South Australia Reimbursement of Deficit 1967/68	\$55,802
Contributed by University towards Accumulated Deficit	43,290
	<u>99,092</u>
Plus Deficit for Year ended 31/3/69 (to be Reimbursed by South Australian Government)	62,776
	<u>\$62,776</u>

## EXPENDITURE

## BOARD OF EXAMINATIONS IN MUSIC—

Clerical Expenses	400
Printing and Stationery	1,095
Examiners and Supervisors—Travelling Expenses	2,740
Sundries	324
Postages	384
Examiners and Supervisors	5,156
Organist	100
A.M.E.B. Adjustment Account	1,514
A.M.E.B. Scholarships	946
Administration Charges	1,827
Surplus 1968 (Transferred to Accumulated Fund)	3,787
	<u>\$18,273</u>

## HOSPITAL FEES—

Queen Victoria Maternity Hospital	7,553
Director-General of Medical Services	3,816
Queen Victoria Maternity Hospital—Honorary Staff	432
Queen Elizabeth Hospital	6,293
Queen Elizabeth Hospital—Honorary Staff	4,301
Royal Adelaide Hospital—Honorary Staff	8,933
Adelaide Children's Hospital—Honorary Staff	1,726
Adelaide Children's Hospital	2,053
Dental Hospital	2,961
	<u>\$38,068</u>

W. MEIKLEJOHN,  
Bursar.

of the year which ended on the 31st December, 1968, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

ANNELLS, HUNWICK & CO., Chartered Accountants,  
SPRY, WALKER & CO., Chartered Accountants.

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1969

PART IV

REGULATIONS, SCHEDULES AND RULES.

1. Bachelor Degrees:

Bachelor of Agricultural Science	-	-	-	-	-	503
Bachelor of Applied Science	-	-	-	-	-	508
Bachelor of Architecture	-	-	-	-	-	522
Bachelor of Arts	-	-	-	-	-	527
Bachelor of Dental Surgery	-	-	-	-	-	539
Bachelor of Economics	-	-	-	-	-	544
Bachelor of Engineering	-	-	-	-	-	549
Bachelor of Laws	-	-	-	-	-	563
Bachelor of Medical Science	-	-	-	-	-	573
Bachelor of Medicine and Bachelor of Surgery	-	-	-	-	-	575
Bachelor of Music	-	-	-	-	-	584
Bachelor of Pharmacy	-	-	-	-	-	588
Bachelor of Science	-	-	-	-	-	591
Bachelor of Technology	-	-	-	-	-	598

2. Master Degrees:

Notes to candidates for the degree of Master	-	-	-	-	-	613
Master of Agricultural Science	-	-	-	-	-	616
Master of Applied Science	-	-	-	-	-	618
Master of Architecture	-	-	-	-	-	620
Master of Arts	-	-	-	-	-	622
Master of Business Management	-	-	-	-	-	624
Master of Dental Surgery	-	-	-	-	-	627
Master of Economics	-	-	-	-	-	631
Master of Education	-	-	-	-	-	633
Master of Engineering	-	-	-	-	-	635
Master of Laws	-	-	-	-	-	638
Master of Music	-	-	-	-	-	640
Master of Science	-	-	-	-	-	643
Master of Surgery	-	-	-	-	-	645
Master of Town Planning	-	-	-	-	-	647

3. Doctorates:

Notes to candidates for the degree of Doctor of Philosophy	651
Doctor of Philosophy - - - - -	655
Doctor of Dental Science - - - - -	659
Doctor of Laws - - - - -	660
Doctor of Letters - - - - -	661
Doctor of Medicine - - - - -	662
Doctor of Music - - - - -	665
Doctor of Science - - - - -	666

4. Diplomas:

Arts and Education - - - - -	668
Computing Science - - - - -	670
Education - - - - -	672
Music - - - - -	674
Pharmacy - - - - -	679
Physical Education - - - - -	681
Physiotherapy - - - - -	683
Public Administration - - - - -	685
Social Studies - - - - -	688

5. Table of Fees - - - - - 691

6. Rules:

The University Library - - - - -	707
Laboratories - - - - -	711
Napier Birks Room - - - - -	713
Computing Annexes - - - - -	714
Conduct of Examinations - - - - -	716

# 1. REGULATIONS AND SCHEDULES FOR BACHELOR DEGREES

## OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

### REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.
2. Except in special cases allowed by the Council, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend at least four academic years in courses of study for the degree.
3. To qualify for the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed. He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.
4. (a) Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and submitted to the Council for approval.  
(b) Such schedules shall become effective from the date of approval by the Council or from such other date as the Council may determine, and shall be published in the next edition of the University Calendar.
5. Except by permission of the Faculty of Agricultural Science, a candidate shall not be admitted to the class in any subject for which he has not satisfactorily completed the pre-requisite studies as prescribed in the syllabus for that subject: Provided that the Faculty may grant a candidate who holds an Honours diploma of Roseworthy Agricultural College such exemption from the requirements of this regulation, and on such conditions, as it may determine.
6. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.
7. (a) Except in cases approved by the Council, the annual examination in a subject shall be held soon after the completion of the course of instruction in it. Supplementary examinations, when granted, shall be held at such time as may be fixed whether in term or in vacation.  
(b) A candidate shall enter for examination on a form and by a date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures



and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a subject, the examiners may take into account the candidate's written or practical work in the subject and his results at terminal or other examinations in it.

8. (a) A candidate who fails to pass in any subject shall, before presenting himself again for examination, again attend lectures and do practical work in that subject to the satisfaction of the professor and lecturers concerned unless exempted from doing so by the Faculty of Agricultural Science.

(b) A candidate who has twice failed to pass the examination in any subject may not enrol for the subject again except by permission of the Faculty and under such conditions as the Faculty may prescribe. For the purpose of this clause, a candidate who fails to receive permission to sit for or absents himself from the examination in any subject after having attended substantially the full course of instruction in it shall be deemed to have failed to pass the examination.

9. There shall be three classifications of pass at an annual examination in any subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the list of candidates who pass be published in two divisions, a pass in the higher division may be prescribed in the appropriate syllabus as pre-requisite for admission to another subject. A candidate with a lower division pass who wishes to gain a higher division pass will be allowed to repeat the subject once only.

\*10. (a) A candidate for the Honours degree shall spend an additional year in advanced study in one of the subjects listed in the schedule relating to the Honours degree.

(b) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

Third Class

11. A candidate who has passed equivalent examinations in the University or elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may on written application be granted such exemption from the requirements of these regulations as the Council may determine.

Allowed 28th January, 1965.  
 \* Amended 21st December, 1967.

## SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

### I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

*Group A:* Agriculture IA, Biology, Botany I, Chemistry I, Geology I, Geology I (Agriculture), Mathematics I, Mathematics IS, Physics I, Zoology I.

*Group B:* Agriculture I, Applied Mathematics II, Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II, Pure Mathematics II, Zoology II.

*Group C:* Agricultural Biochemistry I, Agricultural Economics, Agricultural Microbiology, Agriculture II, Animal Physiology and Production I, Biometry IA, Biometry IB, Crop Physiology, Entomology and Plant Pathology, Soil Science I.

*Group D:* Agricultural Biochemistry II, Agriculture III, Agronomy, Animal Physiology and Production II, Biometry II, Economics II\*, Economic Statistics I\*, Entomology II, Genetics II, Horticultural Science, Plant Breeding, Plant Pathology II, Soil Science II.

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in clause 3, satisfactorily complete the following courses:

(a) Agriculture IA, Chemistry I and three other subjects from Group A. These three subjects must include *either* Botany I and Zoology I *or* Biology;

(b) Agriculture I and *either* three other subjects from Group B *or* two other subjects from Group B and a subject from Group A not previously taken;

(c) Agriculture II, Agricultural Microbiology and Biometry IA and three other subjects from Group C;

(d) Agriculture III and *either* two other subjects from Group D *or* one other subject from Group D and two subjects from Group C not previously taken.

3. The list of subjects to be presented for the degree must comply with the following conditions:

(a) The following combinations of subjects shall not be presented:

Biology and *either* Botany I *or* Zoology I;  
Geology I and Geology I (Agriculture);  
Mathematics IS and Mathematics I;  
Pure Mathematics II and Applied Mathematics II.

\* see clause 3 (b).

- (b) Economics II and Economic Statistics I together constitute one subject in Group D and may be presented only by a candidate who presents Agriculture III and another subject from Group D.
- (c) A candidate who presents Biometry IB will be exempted from taking and presenting Biometry IA.

#### 4. *The Flinders University of South Australia*

(a) A candidate who has completed the first two years in the School of Biological Sciences may apply for status in the Faculty of Agricultural Science and may be admitted to subjects in Group C.

(b) Extra study, as prescribed by the Head of the Department concerned, may be required in nominated subjects before the candidate enters the course.

#### 5. *Roseworthy Agricultural College*

A candidate who holds an Honours diploma of Roseworthy Agricultural College may be exempted from taking the subjects in Group C and may be admitted to the subjects in Group D, at the discretion of the Head of the Department concerned and with permission of the Dean of the Faculty.

#### 6. *Practical Experience*

A candidate will be required to obtain thirty-six weeks' practical agricultural experience approved by the Faculty of Agricultural Science before he will be admitted to the degree. Of this period:

- (a) Time spent on compulsory tours and camps may be allowed to count for not more than four weeks.
- (b) Not more than fifteen weeks may be spent on farm experience at research and educational centres or on work in the field or in a laboratory directly related to the course of study taken by the candidate in his fourth year; any non-farm work must be approved in advance by the Dean or his representative.
- (c) The balance must be spent in practical experience on private farms. A candidate will be expected to gain experience in a diversity of agricultural environment and he should discuss his plans for practical experience with the Dean of the Faculty.
- (d) A candidate who holds the diploma of Roseworthy Agricultural College will be exempted from the requirements of practical experience.

## II. THE HONOURS DEGREE

1. A candidate may, subject to approval by the Head of the Department concerned, proceed to the Honours degree in one of the following disciplines:

Agricultural Biochemistry  
 Agronomy  
 Animal Physiology and Production  
 Entomology  
 Genetics  
 Horticulture  
 Plant Breeding  
 Plant Pathology  
 Plant Physiology  
 Soil Science

2. A candidate for the Honours degree in any subject shall not begin Honours work in that subject until he has completed the course of study for the Ordinary degree, all the courses in that subject available for the Ordinary degree, and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

## III. FEES

## A. Ordinary degree of B.Ag.Sc.:

(a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination in a subject taken separately:

For a subject in Group A, except Agriculture IA	-	\$90
For a subject in Group B, Group C, or Group D except Agriculture I, Biometry IA, Agricultural Microbiology and Genetics II	- - - - -	\$120
For Agriculture I, Agriculture IA, Biometry IA (each)	- - -	\$48
For Agricultural Microbiology	- - -	\$60
For Genetics II	- - - - -	\$172.50

(b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$345

(c) For a special examination in any subject - - - \$20  
*Note:* The fee for compulsory tours (\$100) in Agriculture III is additional to the fees above.

## B. Honours degree of B.Ag.Sc.:

For the final-year Honours work in any subject - \$300

C. For admission to the degree - - - - - \$20

## OF THE DEGREE OF BACHELOR OF APPLIED SCIENCE

## REGULATIONS

§†\*1. There shall be an Ordinary and an Honours degree of Bachelor of Applied Science. A candidate may obtain either degree or both provided that until the Council decides otherwise a candidate for the degree in Mineral Engineering or in Data Processing or in Applied Physics may proceed to the Ordinary degree only.

\*2. (a) For the Ordinary degree schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and Applied Science and submitted to the Councils of the University and the South Australian Institute of Technology.

Such schedules shall become effective as from the date of approval by both Councils or such other date as the Councils may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

(b) For the Honours degree schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Engineering and submitted to the Council of the University.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

§†\*3. (a) To qualify for the degree of Bachelor of Applied Science, a candidate shall regularly attend lectures and do written, laboratory and other practical work, where such is required and pass examinations in the subjects prescribed for one of the following courses:

- Applied Chemistry.
- Primary Metallurgy.
- Secondary Metallurgy.
- Mineral Engineering.
- Data Processing.
- Applied Physics.

†(b) Before being admitted to the degree a candidate shall also satisfy the Faculty of Technology and Applied Science (in respect of the ordinary degree) or the Faculty of Engineering (in respect of the honours degree) that he has fulfilled the requirements in practical experience that are prescribed in the schedule relating thereto.

4. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

\* Amended 12th December, 1963.

† Amended 28th January, 1965.

§ Amended 22nd December, 1966.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

°(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

(g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

°7. A candidate who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Applied Science may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

†8. Only those candidates who had entered upon the course for the degree in or before the academic year 1969 will be permitted to enrol in the course for the degree after December 31, 1969. Such students will be eligible to proceed to the degree under these Regulations provided that they qualify for the degree not later than March 31, 1976, unless the Council approve an extension of time in a particular case under Clause 5 of Chapter XXV of the Statutes.

Allowed 16th March, 1961.

\* Amended 22nd December, 1966.

† Amended 21st December, 1967.

**Schedules made by the Council under Regulation 2 of the  
Degree of Bachelor of Applied Science.**

**1. APPROVAL OF COURSES**

Each candidate must obtain the approval of the Director of Studies of the Faculty for each year of his proposed course of study.

**2. ARRANGEMENT OF COURSES**

The courses shall occupy three years of full-time study. Details of these courses are set out in Clauses 5 to 10.

The first year of each of the courses set out in Clauses 5 to 10 will be offered for the first time in 1967, the second year in 1968 and the third year in 1969.

To find the syllabuses of the subjects in Clauses 5 to 10 below, see Table of Subjects on page 1101.

**3. COMPLETION OF SUBJECTS**

Except by permission of the Faculty, a candidate may not enrol for subjects in the second or third year of the course before he has passed the examinations in all of the subjects prescribed in the Schedules for the previous year of the course.

**4. CONTINUATION OF COURSES OFFERED PRIOR TO 1967**

Beginning on January 1, 1967, new courses for the degree of Bachelor of Applied Science have been established. All students enrolling in the Bachelor of Applied Science course for the first time in 1967 or later must enrol in the new courses unless the permission of the Faculty of Technology and Applied Science has previously been given.

Students who before the beginning of the academic year 1967 were enrolled in the Bachelor of Applied Science course will continue in the old courses except that—

- (a) any student who wishes to transfer to the new courses may apply to the Faculty of Technology and Applied Science for permission to do so and will be granted such status in the course as the Faculty may determine; and
- (b) students enrolled in the old courses who have not passed in the first-year subjects by February 28, 1968, the second-year subjects by February 28, 1969, the third-year subjects by February 28, 1971, and the fourth-year subjects by February 28, 1973, will be required to transfer to the new course.

Part-time students who may be unable to complete the old courses by February 28, 1973, are advised to transfer to the new courses as early as possible.

## 5. APPLIED CHEMISTRY

(a) *Old Course (Course A)*

## THIRD YEAR

(To be offered for the last time in 1970)

TI63	Organic Chemistry IIA	Lectures ... 2	}	60
		Practical ... 6		
TI83	Applied Physical Chemistry	Lectures ... 2	}	48
		Practical ... 3		
TJ01	Mechanical Engineering I(T)	Lectures ... 2		36
TJ73	Materials and Structures	Lectures ... 2	}	45
		Practical ... 2		
TI03	Process Technology I Vacational Report (First)	Lectures ... 2 <sup>2</sup> , 3 <sup>1</sup>		36

## FOURTH YEAR

(To be offered for the last time in 1972)

TE83	Electrical Engineering IIA(T)	Lectures ... 2	}	45
		Practical ... 2		
TJ12	Engineering Drawing and Design II	Lectures ... 1	}	45
		Practical ... 3		
	<i>either</i>			
TI74	Analytical Chemistry	Lectures ... 1	}	48
		Tutorial ... 1		
		Practical ... 3		
	<i>or</i>			
TI84	Process Control (T)	Lectures ... 1	}	45
		Practical ... 3		
TI04	Process Technology II	Lectures ... 2	}	60
		Practical ... 6		
TI94	Unit Operations	Lectures ... 1	}	45
		Tutorials ... 3		
		Practical ... 3		
TA94	Industrial Economics Vacational Report (Second)	Lectures ... 1 <sup>2</sup>		18

(b) *Old Course (Course B)*

## THIRD YEAR

(To be offered for the last time in 1970)

TI63	Organic Chemistry IIA	Lectures ... 2	}	60
		Practical ... 6		
TI83	Applied Physical Chemistry	Lectures ... 2	}	48
		Practical ... 3		
SY73	*Human Nutrition	Lectures ... 1		45
TI03	Process Technology I	Lectures ... 2 <sup>2</sup> , 3 <sup>1</sup>		36
TI13	Industrial Microbiology I	Lectures ... 2	}	78
	Vacational Report (First)	Practical ... 4		

\* Lectures in this subject are at present given at the University.



FOURTH YEAR  
(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
	<i>either</i>		
TJ21	Refrigeration Engineering I ..... Lectures ...	2	36
	<i>or</i>		
TJ73	Materials and Structures ..... Lectures ...	2	45
	..... Practical ...	2	
	<i>or</i>		
TI84	Process Control (T) ..... Lectures ...	1	45
	..... Practical ...	3	
TI04	Process Technology II ..... Lectures ...	2	60
	..... Practical ...	6	
TI94	Unit Operations ..... Lectures ...	1	45
	..... Tutorials ...	3	
	..... Practical ...	3	
TA94	Industrial Economics ..... Lectures ...	1 <sup>2</sup>	18
TI14	Industrial Microbiology II ..... Lectures ...	2	90
	..... Practical ...	6	
	Vacational Report (Second)		

(c) *New Course*

## FIRST YEAR

TM01	Mathematics IA ..... Lectures ...	3	48
	..... Tutorials ...	2	
TP01	Applied Physics I ..... Lectures ...	3	51
	..... Tutorial ...	1	
	..... Practical ...	2	
TH01	Chemistry I(T) ..... Lectures ...	3	57
	..... Tutorial ...	1	
	..... Practical ...	3	
TH91	Basic Science Techniques ..... Lectures ...	1 <sup>1</sup>	45
	..... Tutorials ...	3 <sup>1</sup>	
	..... Practical ...	3 <sup>2</sup>	
TT81	Engineering Materials A ..... Lectures ...	1	45
	..... Practical ...	3 <sup>1</sup> / <sub>2</sub>	
	A General Studies Elective (see Schedule 13) ..... Tutorials ...	2	36

## SECOND YEAR

TH02	Chemistry II(T), Physical ..... Lectures ...	2	51
	..... Tutorial ...	1	
	..... Practical ...	3	
TH12	Chemistry II(T), Organic ..... Lectures ...	2	48
	..... Practical ...	3	
TH22	Applied Chemistry I ..... Lectures ...	2	45
	..... Tutorials ...	2	
TM12	Mathematics IIB ..... Lectures ...	2	45
	..... Tutorials ...	2 <sup>2</sup>	
TH92	Engineering Service ..... Lectures ...	1	45
	..... Practical ...	2	
TT52	Fluid and Particle Dynamics ..... Lectures ...	1	36
	..... Practical ...	3 <sup>1</sup>	
	A General Studies Elective (see Schedule 13) ..... Tutorials ...	2	36
	Vacational Report (First)		

## THIRD YEAR

TH23	Applied Chemistry II ..... Lectures ...	2	57
	..... Tutorial ...	1	
	..... Practical ...	4	
TH53	Chemical Process Kinetics ..... Lectures ...	1	45
	..... Tutorials ...	2	
TH73	Transfer Operations ..... Lectures ...	2	51
	..... Tutorial ...	1	
	..... Practical ...	3	
TH63	Chemical Instrumentation ..... Lectures ...	2	45
	..... Practical ...	3 <sup>2</sup>	
TH83	Process Dynamics and Control ..... Lectures ...	1	48
	..... Tutorial ...	1	
	..... Practical ...	3	
	A General Studies Elective (see Schedule 13) ..... Tutorials ...	2	36
	Vacational Report (Second)		

## 6. APPLIED PHYSICS — NEW COURSE

		FIRST YEAR			
Subject No. in Syllabus	Subject		Hours a week	Fee \$	
TM01	Mathematics IA	Lectures	3	}	48
		Tutorials	2		
TP01	Applied Physics I	Lectures	3	}	51
		Tutorial	1		
		Practical	2		
TH01	Chemistry I(T)	Lectures	3	}	57
		Tutorial	1		
		Practical	3		
TK81	Basic Engineering Techniques	Lectures	1	}	45
		Practical	3		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (First)				
SECOND YEAR					
TM02	Mathematics IIA	Lectures	3	}	48
		Tutorials	2		
TP02	Applied Physics II	Lectures	4	}	60
		Tutorial	1		
		Practical	5		
TM82	Mechanics I(T)	Lectures	1 <sup>1</sup>	}	12
		Tutorial	1 <sup>1</sup>		
TE92	Electrical Engineering SP(T)	Lectures	1	}	45
		Practical	2		
TL92	Electronics (T)	Lectures	2	}	45
		Practical	2		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
THIRD YEAR					
TM03	Mathematics IIIA	Lectures	1	}	36
		Tutorial	1		
TP03	Applied Physics III	Lectures	5	}	60
		Tutorial	1		
		Practical	10		
	<i>either</i>				
TT93	Metallurgy for Physicists	Lectures	2 <sup>2</sup>	}	32
		Practical	3 <sup>2</sup>		
TM93	Programming Project	Tutorial	1 <sup>1</sup>	}	15
		Practical	3 <sup>1</sup>		
TP93	Control Studies	Lectures	1 <sup>2</sup>	}	30
		Practical	2 <sup>2</sup>		
	<i>or</i>				
SZ71	°Biology	Lectures	2	}	90
		Practical	5		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (Second)				

° Lectures and practical work in this subject are at present given at the University.

## 7. PRIMARY METALLURGY COURSE

(a) *Old Course*

## THIRD YEAR

(To be offered for the last time in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SG93	*Geology IA	Lectures ...	2 <sup>2</sup>
		Practical ...	4 <sup>2</sup>
TI83	Applied Physical Chemistry	Lectures ...	2
		Practical ...	3
TE83	Electrical Engineering IIA(T)	Lectures ...	2
		Practical ...	2
TT53	Introductory Mineral Processing	Lectures ...	1
		Tutorial ...	1
		Practical ...	2
TI03	Process Technology I	Lectures ...	2 <sup>2</sup> , 3 <sup>1</sup>
TJ63	Materials and Structures (Part Course) Vacational Report (First)	Lectures ...	2

## FOURTH YEAR

(To be offered for the last time in 1972)

TT64	Mineral Processing	Lectures ...	2
		Seminars ...	1
		Practical ...	3
TT44	Extractive Metallurgy I	Lectures ...	2
		Seminar ...	1
		Practical ...	3
TI84	Process Control (T)	Lectures ...	1
		Practical ...	3
TA94	Industrial Economics	Lectures ...	1 <sup>2</sup>
TI94	Unit Operations	Lectures ...	1
		Practical ...	3
<i>or</i>			
TN02	Mineral Engineering I	Lectures ...	2
		Practical ...	1
<i>and</i>			
TC73	Hydraulics (T)	Lectures ...	1 <sup>1</sup>
		Practical ...	3
TT84	Primary Metallurgy Projects Vacational Report (Second)	.....	7

\* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	Lectures ...	3
		Tutorials ...	2
TP01	Applied Physics I	Lectures ...	3
		Tutorial ...	1
		Practical ...	2
		.....	.....
TH01	Chemistry I(T)	Lectures ...	3
		Tutorial ...	1
		Practical ...	3
TT71	Basic Science Techniques (M)	Lectures ...	1 <sup>2</sup>
		Tutorials ...	2 <sup>2</sup>
		Practical ...	3
TT91	Materials Science (T) A General Studies Elective (see Schedule 13)	Lectures ...	2
		Tutorials ...	2

		SECOND YEAR			
Subject No. in Syllabus	Subject		Hours a week		Fee \$
TM12	Mathematics IIB	Lectures	2	}	45
		Tutorials	2 <sup>2</sup>		
TH02	Chemistry II(T), Physical	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TT52	Fluid and Particle Dynamics	Lectures	1	}	36
		Practical	3 <sup>1</sup>		
TT62	Applied Mineralogy	Lectures	1	}	45
		Practical	3 <sup>2</sup>		
TT72	Extractive Metallurgy IB	Lectures	1	}	36
		Practical	3 <sup>1</sup>		
TT92	Industrial Metallurgy IA	Lectures	1 <sup>3</sup>	}	36
		Practical	3 <sup>1</sup>		
TH92	Engineering Service	Lectures	1	}	45
		Practical	2		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (First)				

		THIRD YEAR			
TT63	Mineral Processing A	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TT73	Extractive Metallurgy II	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TH73	Transfer Operations	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TH83	Process Dynamics and Control	Lectures	1	}	48
		Tutorial	1		
		Practical	3		
TT83	Metallography IA	Tutorials	2 <sup>1</sup>	}	16
		Practical	3 <sup>1</sup>		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (Second)				

## 8. SECONDARY METALLURGY COURSE

### (a) Old Course

		THIRD YEAR			
(To be offered for the last time in 1970)					
TI83	Applied Physical Chemistry	Lectures	2	}	48
		Practical	3		
TE83	Electrical Engineering IIA(T)	Lectures	2	}	45
		Practical	2		
TI03	Process Technology I	Lectures	2		36
TT33	Physical Metallurgy I	Lectures	1	}	48
		Practical	3 <sup>2</sup>		
TT43	Industrial Metallurgy A	Lectures	2	}	45
		Practical	3 <sup>1</sup>		
TJ63	Materials and Structures (Part Course)	Lectures	2		36
	Vacational Report (First)				

## FOURTH YEAR

(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TT34	Physical Metallurgy II	Lectures 2 Tutorial 1	} 45
TT74	Metal Fabrication	Lectures 1 Practical 3 <sup>1</sup>	
TT94	Foundry Practice	Lectures 1 Practical 3 <sup>2</sup>	} 45
TA94	Industrial Economics	Lectures 1 <sup>2</sup>	
TT54	Metallurgical Thermodynamics and Kinetics	Lectures 2 Tutorial 1	} 45
TT24	Physical Metallurgy Projects Vacational Report (Second)	17	

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	Lectures 3 Tutorials 2	} 48
TP01	Applied Physics I	Lectures 3 Tutorial 1 Practical 2	
TH01	Chemistry I(T)	Lectures 3 Tutorial 1 Practical 3	} 57
TT71	Basic Science Techniques (M)	Lectures 1 <sup>2</sup> Tutorials 2 <sup>2</sup> Practical 3	
TT91	Materials Science (T) A General Studies Elective (see Schedule 13)	Lectures 2 Tutorials 2	36 36

## SECOND YEAR

TM12	Mathematics IIB	Lectures 2 Tutorials 2 <sup>2</sup>	} 45
TH82	Chemistry II(T), Physical (part course)	Lectures 2 <sup>2</sup> Tutorials 1 <sup>2</sup> Practical 6 <sup>1</sup>	
TT02	Physical Metallurgy IA	Lectures 2 Tutorial 1 Practical 3	} 51
TT22	Industrial Metallurgy I	Lectures 2 Practical 3 <sup>2</sup>	
TT12	Metallography I	Lectures 1 <sup>2</sup> Tutorials 1 <sup>2</sup> Practical 3 <sup>2</sup>	} 32
TK92	Mechanical Design S	Lectures 1 Tutorial 1 Practical 3	
	A General Studies Elective (see Schedule 13) Vacational Report (First)	Tutorials 2	36

## THIRD YEAR

TT03	Physical Metallurgy IIA	.....	.....	Lectures	...	4	}	60
				Tutorials	...	2		
				Practical	...	3		
TT23	Industrial Metallurgy II	.....	.....	Lectures	...	4	}	60
				Tutorial	...	1		
				Practical	...	5		
TT72	Extractive Metallurgy IB	.....	.....	Lectures	...	1	}	36
				Practical	...	3 <sup>1</sup>		
TT13	Metallography II	.....	.....	Tutorials	...	2 <sup>1</sup>	}	30
				Practical	...	3 <sup>2</sup>		
TE63	Electrical Engineering SK(T)	.....	.....	Lectures	...	1 <sup>2</sup>	}	30
				Practical	...	2 <sup>2</sup>		
	A General Studies Elective (see Schedule 13)	.....	.....	Tutorials	...	2		36
	Vacational Report (Second)							

## 9. MINERAL ENGINEERING COURSE

(a) *Old Course*

## THIRD YEAR

(To be offered for the last time in 1970)

TJ12	Engineering Drawing and Design II	.....	.....	Lectures	...	1	}	45
				Practical	...	3		
TN93	Applied Geology	.....	.....	Lectures	...	3	}	57
				Practical	...	4		
TV13	Civil Engineering A (Min.)	.....	.....	Lectures	...	3		45
TC73	Hydraulics (T)	.....	.....	Lectures	...	1	}	36
				Practical	...	3 <sup>1</sup>		
TP82	Physics B (Engineering)	.....	.....	Lectures	...	2	}	48
				Practical	...	3		
TN02	Mineral Engineering I	.....	.....	Lectures	...	2	}	45
				Practical	...	1		
TC82	Survey Camp							20
	Geology Field Trip							
	Vacational Report (First)							

## FOURTH YEAR

(To be offered for the last time in 1972)

TV94	Civil Engineering B (Min.)	.....	.....	Lectures	...	3	}	51
				Practical	...	3		
TD83	Methods of Construction and Management			Lectures	...	1		27
TE83	Electrical Engineering IIA(T)	.....	.....	Lectures	...	2	}	45
				Practical	...	2		
TN04	Mineral Engineering II	.....	.....	Lectures	...	3	}	51
				Practical	...	3		
TV14	Structures IIA(T)	.....	.....	Lectures	...	1	}	45
				Practical	...	2		
TN94	Mineral Exploration	.....	.....	Lectures	...	2	}	36
				Practical	...	3		
	Drilling Camp							
	Visit to Oil Rig							
	Vacational Report (Second)							

(b) *New Course*

		FIRST YEAR			Hours a week	Fee \$
Subject No. in Syllabus	Subject					
TM01	Mathematics IA		Lectures	3	}	48
			Tutorials	2		
TF01	Applied Physics I		Lectures	3	}	51
			Tutorial	1		
			Practical	2		
TH81	Engineering Chemistry and Materials		Lectures	2	}	48
			Practical	3		
TK01	Engineering Mechanics I		Lectures	2 <sup>2</sup> , 1 <sup>1</sup>	}	45
			Tutorial	1		
			Practical	1 <sup>1</sup>		
TK91	Engineering Drawing		Practical	3	}	45
TK71	Basic Engineering Techniques (Part Course)		Lectures	1		
			Practical	3 <sup>1</sup>	}	36
	A General Studies Elective (see Schedule 13)		Tutorials	2		
		SECOND YEAR				
TM12	Mathematics IIB		Lectures	2	}	45
			Tutorials	2 <sup>2</sup>		
TK02	Engineering Mechanics II		Lectures	4	}	57
			Practical	3		
TK82	Thermo-Fluid Dynamics I		Lectures	2	}	48
			Tutorial	1		
			Practical	2 <sup>2</sup>		
TN12	Applied Geology I		Lectures	2	}	51
			Tutorial	1		
			Practical	3		
TC52	Civil Engineering S (T)		Lectures	2 <sup>2</sup> , 1 <sup>1</sup>	}	45
			Tutorials	1 <sup>1</sup>		
			Practical	3 <sup>1</sup> , 2 <sup>1</sup>		
	A General Studies Elective (see Schedule 13)		Tutorials	2	}	36
	Vacational Report (First)					
		THIRD YEAR				
TM13	Mathematics IIC		Lectures	1	}	36
			Tutorials	1 <sup>a</sup>		
TK22	Mechanical Design I		Lectures	1	}	45
			Tutorials	3		
TE72	Electrical Engineering SC(T)		Lectures	1	}	45
			Practical	2 <sup>2</sup>		
TN13	Applied Geology II		Lectures	3	}	57
			Practical	4		
TN83	Mineral Engineering A		Lectures	3	}	57
			Practical	4		
TN73	Mineral Engineering B		Lectures	2 <sup>2</sup> , 1 <sup>1</sup>	}	45
			Tutorial	1		
			Practical	3 <sup>1</sup>		
	A General Studies Elective (see Schedule 13)		Tutorials	2	}	36
TC82	Survey Camp					
	Vacational Report (Second)					20

## 10. DATA PROCESSING COURSE

(a) *Old Course*

		THIRD YEAR			Hours a week	Fee \$
		(To be offered for the last time in 1970)				
Subject No. in Syllabus	Subject					
TM53	Numerical Mathematics I		Lectures	3	}	45
			Tutorial	1		
TM92	Statistics		Lectures	3	}	45
			Tutorial	1		

TL83	Electronics and Logical Design	Lectures	2	}	45
		Tutorial	1		
TA92	Economics (T)	Lectures	2	}	45
		Tutorial	1		
TM43	First Project Vacational Report (First)	Tutorials	4		45

FOURTH YEAR

(To be offered for the last time in 1972)

TM84	Numerical Mathematics II	Lectures	3	}	90
		Tutorial	1		
TM64	Theory of Systems (T)	Lectures	2	}	60
		Tutorials	2		
TM74	Operations Research	Lectures	3	}	45
		Tutorial	1		
TU94	Supervision-Human Relations	Lectures	1½		36
TM94	Second Project Vacational Report (Second)	Tutorials	7		90

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures	3	}	48
		Tutorial	2		
TP01	Applied Physics I	Lectures	3	}	51
		Tutorial	1		
		Practical	2		
TM21	Programming I	Lectures	2	}	45
		Practical	1		
TA81	Accounting I	Lectures	2	}	45
		Tutorial	1		
		Practical	1		
	A General Studies Elective (see Schedule 13)	Tutorials	2		36

SECOND YEAR

TM02	Mathematics IIA	Lectures	3	}	48
		Tutorials	2		
TM22	Programming II	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TM92	Statistics	Lectures	3	}	45
		Tutorial	1		
TA92	Economics (T)	Lectures	2	}	45
		Tutorial	1		
TU92	Administration	Lectures	2	}	45
		Tutorial	1		
	A General Studies Elective (see Schedule 13) Vacational Report (First)	Tutorials	2		36

THIRD YEAR

TM73	Systems Analysis	Lectures	2	}	45
		Tutorial	1		
TM23	Programming III	Lectures	2	}	51
		Tutorial	1		
		Practical	3		
TM33	Numerical Mathematics	Lectures	3	}	51
		Tutorial	1		
		Practical	2		
TM63	Operations Research I	Lectures	3	}	45
		Tutorial	1		
	A General Studies Elective (see Schedule 13) Vacational Report (Second)	Tutorials	2		36



## 11. PRACTICAL EXPERIENCE

To fulfil the requirements in respect of practical experience required under Regulation 3(b) a candidate shall:

- (a) Submit two reports satisfactory to the Faculty on work that he has undertaken during vacations, each report covering a period of not less than two months and at least one period being spent in work related to the student's professional interests; *or*
- (b) submit a report satisfactory to the Faculty on work relevant to his professional interests that he has undertaken for at least six months in full-time employment.

The service of the student must be certified by the student's employer during the period concerned.

A student who had entered upon the course for the degree in or before 1964 may fulfil the requirements relating to practical experience by submitting evidence satisfactory to the Faculty of his having had six months' practical experience in work relevant to his professional interests.

## 12. HONOURS DEGREE

- (a) The Honours degree shall be available in each of the following courses:

Applied Chemistry;  
Primary Metallurgy;  
Secondary Metallurgy.

- (b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission, the Faculty will take into consideration the candidate's work up to the time of his application.

- (c) A candidate for the Honours degree shall regularly attend lectures and practical work for one year and shall pass examinations in one of the subjects scheduled in Syllabus Nos. NH69, NH79 and NH89.

- (d) A candidate for the Honours degree in any subject shall not begin the final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Applied Science and has included in his qualifications all the courses in that subject prescribed for the Ordinary degree.

- (e) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B.

- (f) The fee payable by candidates for the final year's work for the Honours degree shall be \$300.

13. GENERAL STUDIES ELECTIVE

In addition to passing in all of the subjects prescribed for each year of the course, each student must complete three of the following General Studies courses:

Subject No. in Syllabus	Subject
TG91	Social and Technological History
TG81	Literature and Society
TG71	History of Technology (C.E.)
TG61	History of Technology (S)
TG51	Science and Modern Society
TG41	German (Elementary)
TG31	Political Science
TG21	History of South-East Asia and Australia

14. SCHEDULE OF FEES

A. Ordinary degree of B.App.Sc.:

- (a) For attendance at lectures, practical work, thesis or other work and annual examination in a subject taken separately: the fee prescribed in the Schedules of subjects for the degree (see Clauses 5 to 10); provided that the total fee for a standard academic year's work in any one year shall not exceed \$345.
- (b) For a special or supplementary examination (theoretical or practical, or both) in any subject - - - - \$20

B. Honours degree of B.App.Sc.:

For the additional Honours work and examination (see Clause 12) - - - - \$300

C. For admission to the degree - - - - \$20



OF THE DEGREE OF BACHELOR OF ARCHITECTURE  
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Architecture.

2. Schedules defining the courses of study, including lectures and the practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty and submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

3. (a) To qualify for the Ordinary degree of Bachelor of Architecture a candidate shall regularly attend lectures and do written and practical work (where such is required) and pass examinations in the subjects prescribed.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

4. (a) A candidate who has completed the work of the third year and who wishes to proceed to the Honours degree must apply to the Faculty, on or before March 1 of the year in which he intends to take the Honours course, for permission to do so.

(b) Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) To qualify for the Honours degree a candidate shall complete the full course prescribed for the Ordinary degree and shall in addition undertake further work of an advanced nature and pass examinations in such work. Further, he must pass in the subjects which he takes after his acceptance as an Honours student at a higher standard than is required from candidates for the Ordinary degree.

\*(d) The names of candidates who pass with Honours shall be arranged alphabetically in the following classes: First Class, Second Class Division A, Second Class Division B. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

(e) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

5. Except by permission of the Faculty a candidate shall not be admitted by the class in any subject for which he has not completed the pre-requisite work as prescribed in the syllabus for that subject.

6. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of

\* Amended 21st December, 1967.

instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions granted will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

7. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or practical work in a subject unless he has attended the lectures and practical work respectively in that subject to the satisfaction of the lecturer concerned.

8. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

9. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

10. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Architecture may on application be granted such

exemption from the requirements of these regulations as the Council shall determine.

\*11. Repealed.

Allowed 9th January, 1958.

\* Repealed 21st December, 1967.

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### Schedules made by the Council under Regulation 2.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

1. During the first, second, third, fourth and fifth years every candidate shall, unless exempted therefrom, attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) First Year:

Building Construction I;  
Structural Mechanics;  
Building Science I;  
History of Architecture I;  
Architectural Design and Planning I;  
Architectural and Free Drawing;  
Elective;  
Studio Work I.

(b) Second Year:

Building Construction II;  
Structures I;  
Building Science II;  
History of Architecture II;  
Architectural Design and Planning II;  
Architectural Surveying;  
Studio Work II.

(c) Third Year:

Building Construction III;  
Structures II;  
Building Science III;  
Architectural Design and Planning III;  
Professional Practice I;  
Studio Work III.

## (d) Fourth Year:

Building Construction IV;  
Structures III;  
Building Science IV;  
Architectural Design and Planning IV;  
Urban and Regional Planning and Urban Design I;  
Professional Practice II;  
Studio Work IV.

Preliminary Honours Architecture: for Honours students additional seminar courses will be provided in a selection of the following topics:

- (i) Advanced Architectural Design and Planning
- (ii) Architecture and Environment
- (iii) Development of Contemporary Architecture
- (iv) Industrialised Building
- (v) Architectural Structure
- (vi) Urban Design and Planning
- (vii) Landscape Design
- (viii) Professional Management and Administration
- (ix) Interior and Furniture Design
- (x) Building Services
- (xi) Architectural Acoustics
- (xii) The Philosophy of Architecture

## (e) Fifth Year:

Building Construction V;  
Structures IV;  
Building Science V;  
Urban and Regional Planning and Urban Design II;  
Architectural Thesis;  
Professional Practice III;  
Studio Work V.

Final Honours Architecture: for Final Honours students additional seminar courses will be provided in a selection of the topics set out under Preliminary Honours Architecture.

2. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners in not more than two subjects at an annual examination may be permitted to present himself for a supplementary examination in the subject or subjects concerned; and if he satisfies the examiners in the supplementary examination he shall then be deemed to have passed the whole examination.

3. (a) During the fourth year every candidate will be required to obtain at least six months' practical experience satisfactory to the Faculty in an architectural office approved for the purpose by the Faculty.

(b) Such practical experience may form part of the twelve months' practical experience required under Regulation 3(b) or 4(e).

(c) Students attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of their required practical experience.

4. Matriculated students in the course for the degree of Bachelor of Engineering who completed subjects for that degree prior to 1958, may transfer to the course for the degree of Bachelor of Architecture, and shall be granted such status as may in each case be determined.

5. Courses of study must be approved by the Dean of the Faculty (or his nominee) at enrolment each year.

6. Fees:

A. Ordinary degree of B.Arch.:

- |   |       |
|---|-------|
| (a) For each year's work, including one annual examination  | \$345 |
| (b) For a supplementary or special examination (theoretical or practical, or both) in any subject - - - -           | \$20  |
| (c) For subjects taken separately: \$90 each up to a maximum of the annual fee of \$345 for the full year's course. |       |

B. Honours degree of B.Arch.:

For the additional Honours work and examination - \$105

C. For admission to the degree - - - - - \$20



## OF THE DEGREE OF BACHELOR OF ARTS

## REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Arts. A candidate may obtain either degree or both.

†2. The course of study for the Ordinary degree shall extend over three academic years and that for the Honours degree over four academic years.

†3. (a) In these regulations and in schedules made under them by the Council the word "subject" means a course of study at the University normally completed in one academic year. In syllabuses, if the context so requires, it may mean alternatively a subject at one of the public examinations conducted by the University.

(b) The Council, after receipt of advice from the Faculty of Arts, shall from time to time prescribe schedules defining (i) the subjects of study for the degree to be provided by the University, (ii) the range of subjects (including lecture courses, laboratory courses and other practical work) to be satisfactorily completed and the examinations to be passed by candidates, and (iii) the fees to be paid by candidates.

(c) Such schedules shall become effective from the date of prescription by the Council or such other date as the Council may fix.

(d) The syllabuses of subjects shall be specified by the Head of the Department concerned and submitted to the Faculty and the Council for approval.

(e) Schedules made and syllabuses approved by the Council shall be published in the next edition of the University Calendar.

††4. A candidate for the Ordinary degree shall attend lectures and pass examinations in accordance with the provisions of Schedule II; and a candidate for the Honours degree shall attend lectures and pass examinations in accordance with the provisions of Schedule III.

††5. (a) A candidate desiring to enter for an honours school must obtain the approval of the head of the school concerned. The final examination may not, except by special permission of the Faculty, be taken until four years of study have been completed after matriculation.

(b) The work of the Final Honours year must be completed in one year of full-time study, save that on the recommendation of the Head of the Department concerned, the Faculty may permit a candidate to spread the work over two years, but not more, under such conditions as it may determine.

(c) The names of the candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

- First Class
- Second Class
  - Division A
  - Division B
- Third Class.

† Allowed 28th January, 1965.

†† Allowed 16th December, 1965.



(d) A candidate who is unable to complete the course for the Honours degree within the time allowed, or whose work is unsatisfactory at any stage of the course, or who withdraws from the course shall be reported to the Faculty, which may either (i) permit him to re-enrol for the Honours degree under such conditions (if any) as it may determine; or (ii) require or allow him to take the course for the Ordinary degree. In that event he may be permitted to count towards that degree any subjects which he has completed and which are not ordinarily common to both degrees, provided that he complies in all other respects with the requirements for the Ordinary degree.

(e) A candidate who after examination has failed to obtain Honours shall be reported to the Faculty, which may recommend that he be awarded the Ordinary degree, provided that he has in all other respects completed the work for the Honours degree.

(f) A candidate may not enrol a second time for the Final Honours course in the same school if he (i) has already qualified for Honours in that school; or (ii) has presented himself for examination in that school but has failed to obtain Honours; or (iii) withdraws from his course, unless the Faculty under paragraph (d) hereof permits him to re-enrol.

‡6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

\*9. Except in special cases approved by the Council the annual examinations shall take place towards the end of the academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in a subject may be taken into consideration at the final examination that subject.

††9A. There shall be three classifications of pass at an annual examination in any subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the list of candidates who pass be published in two divisions, a pass in the higher division may be prescribed in the

\* Allowed 20th December, 1956; amended 15th January, 1959.

† Allowed 16th December, 1965.

†† Allowed 28th January, 1965.

appropriate syllabuses as pre-requisite for admission to another subject. A candidate with a lower division pass who wishes to gain a higher division pass shall be allowed to repeat the subject once only.

10. A candidate who fails to pass in a subject and who desires to take the subject again shall again attend lectures and do practical work in the subject to the satisfaction of the Professors and Lecturers, unless exempted therefrom by the Faculty of Arts.

†11. A candidate who has twice failed to pass the examination in any subject or division of a subject may not enrol for that subject again except by special permission of the Faculty and then only under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Dean as adequate, to attend all or part of an annual examination (or a supplementary examination if granted) after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

12. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Arts, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

‡13. (a) A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Arts and to count towards that degree subjects which he has already presented for another degree may do so subject to the following conditions:—(i) he may present not more than three such subjects, save that a graduate in Law may present five such subjects; (ii) he shall present a range of subjects which fulfils the requirements of the relevant Schedule made under Regulation 4; and (iii) he shall not present as a third-year subject in an approved sequence for the degree of Bachelor of Arts a subject which he has presented for another degree.

(b) A candidate who holds a diploma may be granted such status in the course for the degree of Bachelor of Arts as the Faculty shall in each case determine; provided that if status be granted for more than three subjects the candidate shall, except as provided for in section (c) of this Regulation, surrender his diploma before being admitted to the degree.

(c) A matriculated student who was enrolled for the Diploma in Social Studies before June 30, 1962, may until June 30, 1967, present for the degree of Bachelor of Arts more than three subjects which he has presented for the diploma without surrendering his diploma before being admitted to the degree.

14. No graduate who has obtained the Honours degree of Bachelor of Science in the School of Mathematics may obtain the Honours degree of Bachelor of Arts in that school, and no graduate who has

† Allowed 16th March, 1961.

‡ Allowed 16th December, 1965.

obtained the Honours degree of Bachelor of Economics may obtain the Honours degree of Bachelor of Arts in the School of Economics.

\*15. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

\* Allowed 18th October, 1956.      Allowed 17th January, 1952.

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### Schedules made by the Council under Regulations 3 and 15

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### SCHEDULE I: COURSES OF STUDY

1. The following shall be the subjects of lectures and examinations for the Ordinary degree:

Ancient History;  
 Applied Mathematics II, and III;  
 Australian History;  
 Australian Literature;  
 Comparative Philology;  
 Economics I, II, and III;  
 Economic Geography;  
 English I, II, and III;  
 French I, II, and III;  
 German I, IA, II, IIA, and III;  
 Geography I, II, and III;  
 Greek I, II, and III;  
 History IA, IB, IIA, IIB, IIIA, and IIIB;  
 Latin I, II, and III;  
 Mathematical Statistics I, and II;  
 Mathematics I, and IS;  
 Music I, II, and III;  
 Philosophy I, II, IIIA, and IIIB;  
 Politics I, II, IIIA, and IIIB;  
 Psychology I, IA, II, and III;  
 Pure Mathematics II, and III;  
 Social Economics.

## Law Subjects:

Constitutional Law II;  
Jurisprudence;  
The Law of Property.

## Science Subjects:

Biology;  
Botany I, and II;  
Chemistry I, and II;  
Genetics I;  
Geology I, and II;  
Organic Chemistry II;  
Physical and Inorganic Chemistry II;  
Physics I, and II;  
Zoology I, and II;  
Such other Science subjects as may be approved under Section (c) of Clause 2 of Schedule II.

Subject which may be counted for the degree only by candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

Sociology.

2. The following shall be the subjects of lectures and examinations for the Honours degree:

All the subjects listed in clause 1 of this schedule and in addition:

Economic Theory  
Elementary Greek  
German IIB, and IIIB  
Old and Middle English I, and II  
Old and Middle French I, and II.

3. Except for Mathematics I no subject shall be counted as part of more than one sequence.

4. No subject shall be counted twice, and a candidate shall not present both subjects of any of the following pairs:

Ancient History and Greek II;  
Ancient History and *either* Latin II *or* Latin III;  
Biology and *either* Botany I *or* Zoology I.  
Economics I and Social Economics;  
Mathematics I and Mathematics IS;  
Geography I and Economic Geography;  
German I and German IA;  
German II and German IIA;  
Psychology I and Psychology IA;

5. A candidate may not present more than two of History IA, History IB and History IC (not available after 1966).

6. A candidate who has passed with distinction or credit in Economic Geography may be permitted, with the approval of the Head of the Department of Geography, to substitute Economic Geography for Geography I in sequence 4 of Schedule II 1(e) or in Schedule III (f).

7. A candidate may present only one of Chemistry II, Physical and Inorganic Chemistry II, and Organic Chemistry II.

8. A candidate who enrolled as a matriculated student before March 31, 1964, and passed in Education before March 31, 1966, may present that subject for either the Ordinary or the Honours degree.

9. These Schedules come into force on January 1, 1966.

A candidate who enrolled as a matriculated student prior to January 1, 1966, may continue under the Regulations and Schedules in force in 1965. Alternatively, he may complete his degree under the present Regulations and Schedules with such modifications as may be necessary to ensure that subjects validly passed under the 1965 or earlier Schedules be counted *pro tanto* under the present Schedules.

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## SCHEDULE II: THE ORDINARY DEGREE

1. To qualify for the Ordinary degree a candidate shall present nine subjects, which shall include:

(a) at least one of the following subjects: French I, German I, German IA, Greek I, Jurisprudence, Latin I, Mathematics I, Mathematics IS, Philosophy I;

(b) not more than three Science subjects;

(c) not more than three subjects which have been presented for any other degree or diploma;

(d) not more than four of the following subjects: Biology, Botany I, Chemistry I, Economics I, Economic Geography, English I, French I, Geography I, Geology I, German I, German IA, Greek I, History IA, History IB, Latin I, Mathematics I, Mathematics IS, Music I, Philosophy I, Physics I, Politics I, Psychology I, Psychology IA, Social Economics, Zoology I.

(e) two of the following sequences:

<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>
1. Economics I	Economics II	Economics III
2. English I	English II	English III
3. French I	French II	French III <i>or</i> Comparative Philology
4. Geography I	Geography II	Geography III
5. (a) German I	German II	German III <i>or</i> Comparative Philology
(b) German IA	German IIA	German III <i>or</i> Comparative Philology
6. History IA <i>or</i> IB	History IIA <i>or</i> IIB	History IIIA <i>or</i> IIIB <i>or</i> Politics IIIB
7. Greek I	Greek II	Greek III <i>or</i> Comparative Philology
8. Latin I	Latin II	Latin III <i>or</i> Comparative Philology
9. Mathematics I	Pure Mathematics II	Pure Mathematics III
10. Mathematics I	Applied Mathematics II	Applied Mathematics III
11. Mathematics I	Mathematical Statistics I	Mathematical Statistics II
12. Music I	Music II	Music III
13. Philosophy I	Philosophy II	Philosophy IIIA <i>or</i> IIIB
14. Politics I	Politics II	Politics IIIA <i>or</i> IIIB
15. Psychology I	Psychology II	Psychology III

For candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies, the following are permissible alternatives to sequences 6 and 15:

<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>
6. Social Economics <i>or</i> Economics I	History IIB	History IIIA <i>or</i> IIIB
15. Psychology I	Psychology IIB	Sociology

2. (a) A candidate whose mother tongue is not English and who has passed an examination in his mother tongue approved by the Faculty, may satisfy the requirements of Clause 1 (a) above by passing in English I.

(b) A candidate whose third-year subjects are, or include two of, Pure Mathematics III, Applied Mathematics III, and Mathematical Statistics II, may not include more than one Science subject nor more than five of the subjects included in sequences 9, 10 and 11.

(c) With the permission of the Faculty of Arts in each case, a candidate may present a sequence of three Science subjects; *provided* that such sequence

- i. may not include a third-year subject already presented for another degree;
- ii. must be accompanied by a sequence chosen from numbers 1-8 or 12-15 above, provided that a Science sequence in Psychology may not be presented with Sequence 15.

Notwithstanding sub-paragraph (b) of Clause 1 of this Schedule, a candidate permitted to present a sequence of three Science subjects

may include four Science subjects among the subjects which he presents for his degree.

(d) Notwithstanding sub-paragraph (c) of Clause I of this Schedule, a candidate may present for the degree of Bachelor of Arts not more than five subjects presented for the degree of Bachelor of Laws.

NOTE: (not forming part of the Regulations or Schedules):

The Faculty of Arts recommends that the normal pattern of study for the Ordinary degree of Bachelor of Arts be four subjects in the first year, three in the second and two in the third.

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### SCHEDULE III: THE HONOURS DEGREE

1. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics,
- (b) Computing Science,
- (c) Economics,
- (d) English Language and Literature,
- (e) French Language and Literature,
- (f) Geography,
- (g) German Language and Literature,
- (h) History,
- (i) Latin,
- (j) Mathematics,
- (k) Music,
- (l) Philosophy,
- (m) Politics,
- (n) Psychology,
- (o) Statistics.

or in a combined school approved by the Faculty and including such subjects of two schools as shall be deemed equivalent to those of a single school.

A candidate desiring to enter for an Honours school must obtain the approval of the head of the school concerned.

2. Except in special circumstances approved by the Council, a candidate must, before the year in which he enrolls for the work for the Final Honours Year, complete the following subjects:

- (a) For the Honours degree in Classics:

- Latin I, II and III;
- Greek I, II and III;
- Comparative Philology;
- One other subject.

- (b) For the Honours degree in Computing Science:  
 Mathematics I, Pure Mathematics II, *either* Applied Mathematics II *or* Mathematical Statistics I;  
 Honours Mathematics III;  
 Three other subjects approved by the Head of the Department.  
 Provided that a candidate may not count Pure Mathematics III *or* Applied Mathematics III *or* Mathematical Statistics II *or* Honours Mathematics III towards both the Ordinary degree of Bachelor of Science and the Honours degree of Bachelor of Arts.
- (c) For the Honours degree in Economics:  
 Economics I, II and III;  
 Economic Theory;  
 Five other subjects approved by the Head of the Department, including a third-year subject other than Economics.
- (d) For the Honours degree in English Language and Literature:  
 English I, II and III;  
 Five other subjects approved by the Head of the Department, including one in a language other than English and *either* Old and Middle English I and II *or* a sequence of three subjects;  
 Exemption from the language other than English may be granted in exceptional circumstances.
- (e) For the Honours degree in French Language and Literature:  
 French I, II and III;  
 Old and Middle French I and II;  
 Three other subjects, which must include Latin I unless Latin has been passed at the Matriculation Examination or an examination of equivalent standard.
- (f) For the Honours degree in Geography:  
 Geography I, II and III;  
 Five other subjects approved by the Head of the Department including a third-year subject other than Geography.
- (g) For the Honours degree in German Language and Literature:  
 German I, II and III; *or*  
 German IA, IIA and III;  
 German IIB and IIIB;  
 Three other subjects.
- (h) For the Honours degree in History:  
 History I (A *or* B), II (A *or* B), III (A *or* B);  
 Five other subjects approved by the Head of the Department, which must ordinarily include a second third-year subject.



- (i) For the Honours degree in Latin:

*Scheme A:*

Latin I, II and III;  
Elementary Greek;  
Greek I;  
Three other subjects.

*Scheme B:*

Latin I, II and III;  
A sequence of three other subjects;  
Two other subjects;  
Greek I must be included as one of the five elective subjects.

- (j) For the Honours degree in Mathematics:

Mathematics I, Pure Mathematics II *either* Applied Mathematics II *or* Mathematical Statistics I;

Honours Mathematics III;

Three other subjects approved by the Head of the Department.

Provided that a candidate may not count Pure Mathematics III *or* Applied Mathematics III *or* Mathematical Statistics II *or* Honours Mathematics III towards both the Ordinary degree of Bachelor of Science and the Honours degree of Bachelor of Arts.

- (k) For the Honours degree in Music:

Music I, II and III;

Five other subjects approved by the Professor of Music, including a second third-year subject.

If French I or German I or German IA or, in approved cases Latin I, is not included as one of the five elective subjects, a special language examination must be passed in addition.

- (l) For the Honours degree in Philosophy:

Philosophy I, II and IIIA;

Five other subjects including one second-year subject and one third-year subject.

- (m) For the Honours degree in Politics:

Politics I, II, IIIA and IIIB;

Four other subjects approved by the Head of the Department, including a second-year subject other than Politics.

- (n) For the Honours degree in Psychology:

Psychology I, II and III;

Five other subjects including a third-year subject other than Psychology.

- (o) For the Honours degree in Statistics:  
 Mathematics I, Pure Mathematics II and Mathematical  
 Statistics I.  
 Honours Mathematics III.  
 Three other subjects approved by the Head of the De-  
 partment.  
 Provided that a candidate may not count Mathematical  
 Statistics II or Honours Mathematics III towards both  
 the Ordinary degree of Bachelor of Science and the  
 Honours degree of Bachelor of Arts.

3. In addition to the subjects specified in clause 3 of this schedule every candidate shall undertake during the second and later years of his course such Honours or other work as the Head of his Department shall require.

4. Except by permission of the Faculty a candidate shall take the whole of the final examination for the Honours degree at the one annual examination.

NOTE: (not forming part of the Regulations or Schedules):

The Faculty recommends that the normal pattern of study for the Honours degree of Bachelor of Arts should include four subjects in the first year. For many Honours students the subjects of the first year should include a language other than English.

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#### SCHEDULE IV: FEES

##### A. Ordinary degree of B.A.:

- (a) For attendance (or re-attendance) at lectures, tutorial and practical work, and the annual examination:
- |   |       |
|---|-------|
| (i) a first-year subject (excluding Science subjects) -                   | \$84  |
| (ii) a second-year subject (excluding Law and Science subjects) - - - - - | \$105 |
| (iii) a third-year subject (excluding Science subjects)                   | \$150 |
- (b) A Law or Science subject: the fee prescribed in the Schedule of Fees for the degrees of Bachelor of Laws or Bachelor of Science, as the case may be.

##### NOTES:

- (i) For the purpose of this Schedule, Elementary Greek is classified as a first-year subject.
- (ii) The following subjects are classified as second-year: Ancient History, Australian History, Australian Literature, Mathematical Statistics I, Old and Middle English I, Old and Middle French I.
- (iii) The following subjects are classified as third-year: Mathematical Statistics II, Comparative Philology, Old and Middle English II, Old and Middle French II.
- (iv) Honours Mathematics III counts as two third-year subjects and the fee is \$300.

- (c) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$300
- (d) For a special examination in any subject - - - \$20
- (e) For an annual examination in a subject with exemption from attendance or re-attendance at classes: half the fee prescribed in Section (a) of this Schedule.

B. Honours degree of B.A.:

- (a) For the interim Honours work in the second and third years - - - - - \$90
- (b) For the final-year Honours work and examination - - \$300

NOTES:

(i) The total fee for the four-year course for the Honours degree payable by a student entering the University in 1968 (or a later year) is \$1,200. Such a student who pays fees aggregating less than \$900 during the first three years will be required, when enrolling for the fourth-year work, to pay in addition to the fee of \$300 a sum equal to the difference between the total fees that he has paid and \$900. He may therefore find it convenient to pay a total fee of \$300 in each of the first three years of the course.

(ii) A candidate who by the end of 1967 has completed all the work required in the first three years of the four-year course will be required to pay \$300 for the fourth-year work.

(iii) A candidate entering in 1968 (or a later year) upon the second or third year of the four-year course, having passed in four first-year subjects in or before 1967, will be required to pay \$300 for each remaining year's work. Such fee will include all Ordinary degree subjects and interim Honours work taken in each year.

(iv) An intending candidate for the Honours degree who has paid \$300 in each or either of the second and third years and withdraws from the Honours course before entering upon the fourth year's work will be refunded such amount as represents the difference (if any) between \$300 and the fees for the Ordinary degree subjects and the interim Honours work that he has undertaken.

(v) A candidate who does not come within the provisions of (ii), (iii) or (iv) should apply in writing to the Academic Registrar to have his position determined.

(vi) The cost of attendance on excursions and/or camps is not included in the fees listed above. See separate statement on page 690.

- C. For admission to the degree - - - - - \$20

## OF THE DEGREE OF BACHELOR OF DENTAL SURGERY

## REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Dental Surgery.

2. Schedules defining the courses of study, including lectures, clinical practice, laboratory and other practical work to be undertaken, the examinations to be passed, and the fees to be paid, shall be drawn up by the Faculty of Dentistry and submitted to the Council. Such schedules shall become effective from the date of approval by the Council or from such other date as the Council may determine, and shall be published in the University Calendar.

3. A candidate shall enter for each annual examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has completed to the satisfaction of the professors and lecturers concerned the course of study and practice prescribed for that examination.

4. Written or practical work done by candidates by direction of the professors and lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

5. All regulations hitherto in force concerning the degree of Bachelor of Dental Surgery are hereby repealed: provided that this repeal shall not affect

- (a) anything done or suffered under any regulation hereby repealed; or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

## THE ORDINARY DEGREE.

6. The course of study for the Ordinary degree of Bachelor of Dental Surgery shall extend over five years after matriculation. To qualify for the degree a candidate shall:

- (a) regularly attend lectures and clinical practice and do written and laboratory or other practical work to the satisfaction of the professors and lecturers concerned;
- (b) satisfactorily complete each annual examination before entering upon the work of the following year's course of study: provided that a candidate may begin the first term's work in the following year's course of study pending the result of a supplementary examination for which he has been permitted to present himself.

7. The annual examination shall be held in or about August or November, as the Council shall in each case determine from time to time. The supplementary examinations of the first four years shall be held about three months after the annual examinations.

8. The Board of Examiners may grant a supplementary examination to a candidate who has been prevented by illness or other sufficient cause from attendance at the whole or part of the annual examination at the end of the first, second, third or fourth year or who has failed

a part of such examination. But if he fail to pass in such supplementary examination a candidate shall be deemed to have failed in the whole annual examination. A candidate who fails to pass an annual examination shall, unless exempted wholly or partially therefrom by the Faculty, again attend lectures, clinical practice and laboratory and other practical work in the subjects of the examination before presenting himself again for the annual examination.

9. A candidate shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at the annual examination; and on passing the supplementary examination for which he was required or permitted to present himself he shall be deemed to have completed the whole of that annual examination.

10. The annual examination at the end of the Fifth Year shall be known as the Final Examination. A Final Examination may also be held in May or June. On the recommendation of the Board of Examiners the Faculty may debar any candidate who has failed in the Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months has elapsed since that failure. At its discretion the Board of Examiners may permit a candidate who has failed at a Final Examination in only one subject or group of subjects to present himself for that subject or group of subjects only at the next examination, and if he satisfy the examiners in that subject or group of subjects he shall be deemed to have passed the whole examination.

11. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order; provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

12. A candidate who has passed examinations *in pari materia* in other Faculties or at other approved Universities or Institutions and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, shall on written application to the Registrar be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification at any annual examination from part of which exemption has been granted.

#### THE HONOURS DEGREE.

\*13. A candidate wishing to proceed to the Honours degree shall, after discussing his proposed course of study with the Head of the Department of Dental Science and the Head of any other Department concerned, apply in writing to the Registrar for permission to do so on or before the first day of February of the year in which he intends to take the course. No candidate shall proceed to the Honours degree except with the approval of the Faculty of Dentistry.

\* Amended 28th January, 1965.

\*14. To qualify for the Honours degree a candidate shall, in addition to satisfactorily completing the course of study for the Ordinary degree:

- (a) undertake a course of study extending over one year;
- (b) pass at the first attempt an examination at the end of the year of study.

15. A candidate for the Honours degree may undertake the prescribed course of study either:

- (a) after passing the third annual examination or the fourth annual examination by interrupting his course for the Ordinary degree; or
- (b) after passing the Final Examination for the Ordinary degree.

†16. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class—Division A.  
Division B.

Third Class

\* Amended 28th January, 1965.

† Amended 21st December, 1967.

Allowed 16th March, 1961.

## Schedules made by the Council under Regulation 2

Notes: 1. The dental clinical year begins on February 3. 2. Students should obtain from the Dental School Office the lists of instruments and equipment required by each student before commencing each year's course. 3. To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 or Table of Subjects on page 1101.

### SCHEDULE I—COURSES OF STUDY

#### A. Approval of Enrolment.

Students enrolling in the first year of the dental course, and all other students enrolling in the dental course for the first time, must have their course of study approved by the Dean (or his nominee) at the time of enrolment.

#### B. Lectures, Practical Work, Clinical Instruction.

During the first year every student shall attend a course of instruction in each of the following subjects:—(a) Biology, (b) Chemistry, (c) Physics, (d) an approved fourth first-year subject selected from those which may be presented for the Ordinary degrees of Bachelor of Arts or Bachelor of Science.

During the second year every student shall attend a course of instruction in each of the following subjects:—(a) General Anatomy, (b) General and Dental Histology, (c) Biochemistry, (d) Human Physiology, (e) Oral Anatomy, (f) Dental Materials and Technics.

During the third year every student shall attend a course of instruction in each of the following subjects: (a) Human Physiology, (b) General Pathology, (c) Microbiology, (d) Oral Pathology, (e) Conservative Dentistry, (f) Prosthetic Dentistry, (g) Pharmacology and Therapeutics; and shall attend at the Dental Department of the Royal Adelaide Hospital for clinical instruction.

During the fourth and fifth years every student shall attend a course of instruction in each of the following subjects:—(a) General Medicine, (b) General Surgery, (c) Preventive Dentistry, (d) Children's Dentistry, (e) Orthodontia, (f) Periodontia, (g) Microbiology, (h) Oral Pathology, (i) Oral Surgery and Anaesthesia, (j) Pharmacology, (k) Conservative Dentistry, (l) Crown and Bridge Prosthesis, (m) Partial Denture Prosthesis, (n) Immediate Replacement Denture Prosthesis, (o) Complete Denture Prosthesis, (p) Principles of Dental Practice, (q) Applied Physiology; and shall attend at the Royal Adelaide Hospital courses of clinical instruction in medical and surgical practice; and at the Dental Department of the Royal Adelaide Hospital for clinical instruction.

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## SCHEDULE II—EXAMINATIONS

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) Biology
- (ii) Chemistry I at Division I standard or better.
- (iii) Physics I
- (iv) An approved fourth subject selected from those which may be presented for the Ordinary degree of Bachelor of Arts or Bachelor of Science.

Candidates are required to have completed the work of the First Annual Examination in full before they may proceed to the work of the second year.

A candidate who fails to reach the pass standard in all four subjects shall repeat the whole of the work of the First Annual Examination.

A candidate who fails to reach the pass standard in one, two or three subjects will be permitted to complete the outstanding subject or subjects at a subsequent examination.

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) General Anatomy
- (ii) General and Dental Histology
- (iii) Biochemistry
- (iv) Oral Anatomy
- (v) Dental Materials and Technics.

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) Human Physiology
- (ii) General Pathology
- (iii) Oral Pathology
- (iv) Microbiology
- (v) Restorative Dentistry

4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects and groups of subjects:

- (i) General Medicine
- (ii) General Surgery
- (iii) Clinical Dentistry I—Part A
- (iv) Clinical Dentistry I—Part B
- (v) Clinical Dentistry I—Part C.

5. At the Final Examination the candidate shall satisfy the examiners in the following groups of subjects:

- (i) Clinical Dentistry II—Part A
  - (ii) Clinical Dentistry II—Part B
  - (iii) Clinical Dentistry II—Part C.
-

SCHEDULE III—FEES

A. Ordinary degree of B.D.S.:	
(a) For attendance (or re-attendance) at lectures, practical work and annual examination:	
First year (for less than four subjects, the fee for each subject will be as prescribed for such subjects in the Schedules of the degree of Bachelor of Arts or Bachelor of Sciences as appropriate)	\$345
Each subsequent year	\$375
(b) For attendance at lectures, practical work and a Final Examination, held in May or June under Regulation 10—each subject	\$62.50
(c) For a supplementary examination in Clinical Dentistry I	\$48
(d) For a supplementary examination in any other subject	\$20
B. Honours degree of B.D.S.:	
For the year's Honours work and examination	\$300
C. For admission to the degree	
	\$20
NOTE: The following additional fees are payable by dental students:	
(i) For the hire of microscopes, in each of the second, third, fourth and fifth years	\$12
(ii) For the hire of dental instruments, in each of the third, fourth and fifth years (in addition to a deposit, payable at the beginning of the third year, of \$20)	\$40

Students admitted under Regulation 10 to a Final Examination held in May or June and who pass in that Examination, will pay half the prescribed fees for the use of microscopes and dental instruments.

RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL

1. Each dental student of the University of Adelaide shall attend at the Dental Department and at other Departments of the Royal Adelaide Hospital as directed by the Dean of the Faculty of Dentistry; and each student shall be admitted to the practice of the Hospital under the disciplinary control of the Medical Superintendent or Dental Superintendent whilst attending a Department of the Hospital.

2. No student may introduce visitors into any department of the Hospital without permission from the Administrator.

3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article damaged or lost, or destroyed by him, and make good any loss sustained by his negligence.

4. Each student shall at all times be under the direction and supervision of a duly appointed member of the teaching staff of the University of Adelaide, and shall carry out such work as shall be allotted to him.

5. No student shall administer treatment to any patient without the approval of an appointed teacher.

6. No student shall publish a report on any case without the written permission of the Honorary Medical Officer or Honorary Dental Officer under whose care the patient is or has been.

7. Any student infringing any of these rules, or otherwise misconducting himself, may be temporarily suspended by the Medical Superintendent or the Dental Superintendent. In the case of such temporary suspension, written notice shall immediately be given to the Dean of the Faculty of Dentistry and the Administrator of the Hospital.

Approved by Council, 1961.



## OF THE DEGREE OF BACHELOR OF ECONOMICS

## REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Economics. A candidate may obtain either degree or both.

°2. The course of study for the Ordinary degree shall extend over three years and that for the Honours degree over four years. A candidate for the Ordinary degree shall attend lectures and pass examinations in accordance with the provisions of Schedule II; a candidate for the Honours degree shall attend lectures and pass examinations in accordance with the provisions of Schedule III.

†3. There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

4. The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

Third Class

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

5. No graduate who has obtained the Honours degree of Bachelor of Arts in the school of Economics may obtain the Honours degree of Bachelor of Economics.

6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects or preparatory work as prescribed in the syllabuses.

7. A candidate shall do such written or practical work in any subject as may be prescribed by the professor or lecturer concerned.

8. A candidate may be exempted from attendance at lectures in any subject approved by the Faculty, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

† Allowed 22nd December, 1955.

° Amended 4th November, 1965.

\*9. The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

11. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

12. A candidate who has twice failed to pass the annual examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who has failed to comply with the provisions of Regulation 9 shall be deemed to have failed to pass the examination.

13. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Economics, may, on written application, be granted such exemption from the requirements of these regulations as the Council may determine.

†14. A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Economics:

- (i) may present for the degree not more than four subjects which he has already presented for another degree or in which he has been granted status or exemption on account of work done for another degree;
- (ii) shall present a range of subjects which fulfils in all respects the requirements of the Schedules made under Regulation 16 below;
- (iii) shall present two third-year subjects not presented for another degree.

A candidate who holds a Diploma may be granted such status in the course for the degree of Bachelor of Economics as the Faculty shall in each case determine; provided that if status be granted for more than four subjects the candidate shall surrender his Diploma before being admitted to the degree.

15. If in any year the number of students desiring to attend lectures in any subject be fewer than a minimum fixed by the Council, the course of lectures in that subject may be suspended for that year.

\* Allowed 20th December, 1956.

† Amended 4th October, 1962, 4th April, 1963, and 4th November, 1965.

16. Schedules defining the course of study, including lectures and practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Economics and be submitted to and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine and shall be published in the next University calendar which is issued after that approval has been given.

17. A candidate who by December, 1951, had matriculated and passed in at least four subjects in the course for the degree of Bachelor of Economics under the regulations hereby repealed may complete the course for the degree under those regulations provided that he does so not later than December 31, 1956.

Allowed 17th January, 1952.

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## SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 2 AND 16

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

### SCHEDULE I—GENERAL.

1. The subjects for the Ordinary degree shall be:

Subjects as listed for the Ordinary degree of Bachelor of Arts.

Commercial Law;

Economic Development I, II;

Economic Geography;

Economic Theory;

Economics I, II, III;

Economic Statistics I, II;

Elements of Accounting, Management Accounting, Financial Accounting;

Industrial Sociology;

Mathematics (Economics);

Provided that:

- (i) no candidate may present Economic Development I and History IIB, *or* Economic Geography and Geography I, *or* Mathematics (Economics) and Mathematics I, *or* Economic Statistics I and Mathematical Statistics I, *or* Politics IIA and Politics IIB (unless both subjects have been passed before March 31, 1966);
- (ii) a student may present History IIB in place of Economic Development I if he is also presenting a third-year History subject; he may present Geography I in place of Economic Geography if he is also presenting Geography II; he may present Mathematics I in place of Mathematics (Economics)

if he is also presenting Mathematics II; and he may present Mathematical Statistics I in place of Economic Statistics I if he is also presenting Mathematical Statistics II.

2. A graduate in another Faculty may be granted status in not more than four subjects on account of work done for another degree.

A graduate may also be exempted by the Dean from Economic Geography and the "two subjects" referred to in Schedule II, provided that the total of the number of subjects from which exemption is granted together with the number of subjects in which status is granted shall not exceed four.

3. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

4. Candidates who have completed subjects for the degree prior to 1969 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

5. A candidate who has presented himself for the annual examinations in any subject may, at the discretion of the examiners, be required subsequently to present himself for an additional examination, which may be either oral or written; and his results at such an additional examination shall be taken into account in determining his results at the annual examination.

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#### SCHEDULE II — THE ORDINARY DEGREE

Except as provided for in Clause 2 of Schedule I a candidate for the Ordinary degree shall pass in ten subjects. There shall be alternative schemes of study as follows:

##### *Scheme A (Commerce)*

Economic Geography *or* Mathematics (Economics) (*or* in special cases, by approval of the Dean, another subject);

Economics I, II, III;

Economic Statistics I;

Elements of Accounting, Management Accounting, Financial Accounting (*or* in special cases, by approval of the Dean, another subject);

Two subjects approved by the Dean, provided that not more than one shall be a first-year subject.

##### *Scheme B (General Economics)*

Economic Development I (*or* in special cases, by approval of the Dean, another subject);

Economic Development II *or* Economic Statistics II (*or* in special cases, by approval of the Dean, another subject);

Economic Geography *or* Mathematics (Economics) (*or* in special cases, by approval of the Dean, another subject);

Economics I, II, III;

Economic Statistics I;

Elements of Accounting;

Two subjects approved by the Dean, provided that not more than one shall be a first-year subject.

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### SCHEDULE III -- THE HONOURS DEGREE

A candidate for the Honours degree shall:

- (a) except as provided for in Clause 2 of Schedule I, pass in ten subjects as prescribed for the Ordinary degree in Schedule II, provided that one of the "two subjects approved by the Dean" shall be Economic Theory.
- (b) Devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Dean may prescribe.

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### SCHEDULE IV -- FEES

A. Ordinary degree of B.Ec.:

- (a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination:
  - (i) For subjects which are included in the Schedule for the degree of Bachelor of Arts: the fees prescribed in that Schedule.
  - (ii) For Economics I, Economic Geography, Elements of Accounting and Mathematics (Economics) (each) - - - - - \$84
  - (iii) For each other subject - - - - - \$105
- (b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$300
- (c) For a special examination in any subject - - - - - \$20
- (d) For an annual examination in a subject with exemption from attendance (or re-attendance) at classes: half the full fee for that subject.

B. Honours degree of B.Ec.:

For the final-year Honours work and examination - - \$300

C. For admission to the degree - - - - - \$20

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OF THE DEGREE OF BACHELOR OF ENGINEERING  
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Engineering.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Engineering and be submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

THE ORDINARY DEGREE.

†4. (a) To qualify for the Ordinary degree a candidate shall regularly attend lectures and do written, laboratory, and other practical work (where such is required), and pass examinations in the subjects prescribed for one of the following Engineering courses:

- (a) Chemical Engineering;
- (b) Electrical Engineering;
- (c) Mechanical Engineering;
- (d) Civil Engineering.

††(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has completed a period of practical experience in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

°5. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed by the end of the second term may be held at any convenient time fixed by the Council.

°°(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

† Allowed 9th January, 1958.

† Amended 8th December, 1949, 15th January, 1959, 4th April, 1963, and 28th January, 1965.

° Amended 8th December, 1949.                      °° Allowed 20th December, 1956.

†† Allowed 21st December, 1967.

‡(d) There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

#### THE HONOURS DEGREE.

†13. The Honours degree shall be available in each of the following courses:

- (i) Chemical Engineering;
- (ii) Electrical Engineering;
- (iii) Mechanical Engineering;
- (iv) Civil Engineering.

\* 14. (a) The work for the Honours degree shall be taken concurrently with the professional engineering subjects of the final year of the course for the Ordinary degree as set out in the schedules for that degree.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) In order to qualify for the Honours degree a candidate must (i) pass in the professional engineering subjects prescribed for the final year of the course for the Ordinary degree at a standard generally higher than that required for the Ordinary degree; (ii) concurrently with the final-year work for the Ordinary degree attend further lectures and pass examinations on work at an advanced level; and (iii) complete a laboratory project and submit a satisfactory report on it. The project will normally extend to March of the year following that in which the honours work is taken, and the report must be submitted not later than the first week of March in that year.

‡ (d) The names of candidates who pass with Honours shall be arranged alphabetically in the following classes under each Department: First Class, Second Class Division A, Second Class Division B. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

††(e) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has completed a period of practical experience in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

† Allowed 11th November, 1954; amended 4th April, 1963, and 28th January, 1965.

\* Allowed 11th November, 1954; amended 28th January, 1965; and 4th November, 1965.

‡ Amended 4th October, 1962. †† Allowed 9th January, 1958, amended 21st December, 1967.

Allowed 11th December, 1947.



## DETAILS OF COURSES AND SCHEDULES PRESCRIBED UNDER REGULATION 2 OF THE DEGREE OF BACHELOR OF ENGINEERING

### AERONAUTICAL ENGINEERING

The University of Sydney has established a special four-year course in Aeronautical Engineering. Adelaide students who have successfully completed the first three years of a five-year course, or the first two years of a four-year course in any branch of Engineering, may apply for admission to the third year of the course in Aeronautical Engineering in the University of Sydney. Those who have completed only the first two years of a five-year course or the first year of a four-year course may apply for admission to the second year.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar of the University of Sydney.

### AGRICULTURAL ENGINEERING

The University of Melbourne has established a four-year degree course in Agricultural Engineering. Adelaide students who have successfully completed the first three years of a five-year course in any branch of Engineering or the first two years of a four-year course in Chemical, Electrical or Mechanical Engineering may apply for admission to the third year of the course in Agricultural Engineering in the University of Melbourne. Those who have completed only the first two years of a five-year course in any branch of Engineering or the first year of a four-year course in Chemical, Electrical or Mechanical Engineering may apply for admission to the second year.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar of the University of Melbourne.

### 1. ARRANGEMENT OF COURSES.

The courses shall occupy four years of full-time study. Details of these courses are set out in Clauses 5, 6, 7 and 8.

The first year of each of the courses set out in Clauses 5, 6, 7 and 8 was offered for the first time in 1967 and the second year in 1968. The third year will be offered for the first time in 1969 and the fourth year in 1970.

To find the syllabuses of the subjects in Clauses 5 to 8 see Table of Subjects on page 1101.

## 2. COMPLETION OF SUBJECTS.

It is not necessary for a candidate to take all the subjects of any one year simultaneously or to complete all the subjects set out for one year before enrolling for any subject of the following year provided that the pre-requisite subjects have been passed. But a candidate who desires to take a third-year subject before completing the first year, or a fourth-year subject before completing the second year, must obtain the permission of the Faculty.

## 3. APPROVAL OF SUBJECTS.

During the enrolment period before the beginning of each academic year each candidate must obtain the approval of the Assistant to the Dean of the Faculty of Engineering to enrol for the subjects he wishes to study.

## 4. CONTINUATION OF COURSE OFFERED PRIOR TO 1967.

The five-year course offered prior to 1967 is hereafter referred to as the old course, and the four-year course offered from March, 1967, as the new course.

The first and second years of the old course were offered for the last time in 1966, the third year in 1967 and the fourth year in 1968. The fifth year of the old course will be offered for the last time in 1969.

NOTE: In the following schedules of courses, in the column headed "Hours a Week", a single figure, such as 2, means 2 hours a week throughout the year. A figure with a superscript, such as 2<sup>2</sup>, means 2 hours a week for two terms.

## 5. CIVIL ENGINEERING COURSE.

### (a) *Old Course*

#### FIFTH YEAR

(To be offered for the last time in 1969)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NC05	Civil Engineering IIA (Old Course)	Lectures ... 3, 1 <sup>2</sup> Practical ... 6	132
NC15	Civil Engineering IIB (Old Course)	Lectures ... 3 Practical ... 8	129
NC75	Civil Engineering IIC Project and Report	150 hrs.	72
NC85	Survey Camp (Second)		48

(b) *New Course*

## FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM01	Mathematics I	Lectures ... 4 Tutorials ... 2	} 90
SP01	Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 3	
NX01	Engineering I	Lectures ... 3 Tutorial ... 1 Practical ... 3	} 90
SG01	Geology I	Lectures ... 3 Practical ... 3	

Note: Details of the subjects Engineering I, Engineering II, and Engineering III are given in Clause 9.

## SECOND YEAR

SM12	Applied Mathematics II	Lectures ... 4 Tutorial ... 1	} 120
NC02	Civil Engineering I	Lectures ... 4 Practical ... 9 <sup>1</sup> , 6 <sup>2</sup> Field Work	
NX12	Engineering IIC	Lectures ... 3 Practical ... 3	} 99

## THIRD YEAR

NC03	Civil Engineering IIA (New Course)	Lectures ... 3 Tutorial ... 1 Practical ... 5	} 114
NC13	Civil Engineering IIB (New Course)	Lectures ... 3 Tutorial ... 1 Practical ... 5	
NX13	Engineering IIIC	Lectures ... 4 Tutorial ... 1 Practical ... 4	} 120

## FOURTH YEAR

(This course will be introduced in 1970)

NC14	Civil Engineering IIIA	Lectures ... Tutorial ... Practical ...	
NC24	Civil Engineering IIIB	Lectures ... Tutorial ... Practical ...	
NC34	Civil Engineering IIIC	Lectures ... Tutorial ... Practical ...	

## 6. ELECTRICAL ENGINEERING COURSE

(a) *Old Course*

Note: A candidate of high academic ability who has completed the Fourth Year including the subject Pure Mathematics II is recommended to spend an additional year at this stage to qualify for the degree of Bachelor of Science, in order to improve his qualifications to undertake research in engineering science. See also the Schedules relating to the Ordinary B.Sc. degree.

## FIFTH YEAR

(To be offered for the last time in 1969)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NE05	Electrical Engineering IIIA	Lectures ... 5	144
NE15	Electrical Engineering IIIB	Lectures ... 4	120
NE25	Electrical Engineering IIIC	Lectures ... 1 Practical ... 12	99

A candidate who spends the year 1969 in study for the degree of Bachelor of Science in accordance with the note above, may complete the requirements for the degree of Bachelor of Engineering in Electrical Engineering by completing the Fourth Year of the New Course.

A candidate who has qualified for the degree of Bachelor of Science, with majors in Physics and Applied Mathematics, and who, in addition, has passed in the subjects Workshop Practice and Graphics (see 1966 Calendar) and the Alternative Fifth Year (see 1968 Calendar), may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subject:

## SIXTH YEAR

NE36	Electrical Engineering B	Lectures ... 10 Practical ... 12	845
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(b) *New Course*

## FIRST YEAR

SM01	Mathematics I	Lectures ... 4 Tutorials ... 2	90
SP01	Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 3	90
SC01	Chemistry I	Lectures ... 3 Tutorial ... 1 Practical ... 3	90
NX01	Engineering I	Lectures ... 3 Tutorial ... 1 Practical ... 3	90

Note: Details of the subjects Engineering I, Engineering II and Engineering III are given in Clause 9.

## SECOND YEAR

SM12	Applied Mathematics II	Lectures ... 4 Tutorial ... 1	120
SP02	Physics II	Lectures ... 3 Tutorial ... 1 Practical ... 6	120
NE03	Electrical Engineering I	Lectures ... 3 Tutorials ... 2 Practical ... 3	99
NE83	Vacation Course in Workshop Practice (two weeks' duration)		30

## SCHEDULES—DEGREE OF B.E.

## THIRD YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NE13	Electrical Engineering II	Lectures ...	} 168
		Tutorials ...	
		Practical ...	
NX23	Engineering IIE	Lectures ...	} 78
		Practical ...	
NX33	Engineering IIIE	Lectures ...	} 132
		Tutorial ...	
		Practical ...	
SM02	Pure Mathematics II	Lectures ...	} 120
		Tutorial ...	

Note: A candidate of high academic ability who has completed the Third Year including the subject Pure Mathematics II is recommended to spend an additional year at this stage to qualify for the degree of Bachelor of Science, in order to improve his qualifications to undertake research in engineering science. See also the Schedules relating to the Ordinary B.Sc. degree.

## FOURTH YEAR

(This course will be introduced in 1970)

NE14	Electrical Engineering IIIA	Lectures ...	5	144
NE24	Electrical Engineering IIIB	Lectures ...	4	120
NE34	Electrical Engineering IIIC	Lectures ...	1	} 99
		Practical ...	12	

## 7. MECHANICAL ENGINEERING COURSE

## (a) Old Course

## FIFTH YEAR

(To be offered for the last time in 1969)

NM05	Mechanical Engineering IIA (Old Course)	Lectures ...	6 <sup>1</sup> , 4 <sup>1</sup>	} 126
		Practical ...	6 <sup>2</sup>	
NM15	Mechanical Engineering IIB (Old Course)	Lectures ...	2 <sup>1</sup> , 3 <sup>2</sup>	} 96
		Practical ...	9 <sup>1</sup> , 6 <sup>2</sup>	
NM75	Mechanical Engineering IIC: Project and Report		150 hrs. total	60
NM85	Engineering Management	Lectures ...	3	81

## (b) New Course

## FIRST YEAR

The same subjects as are taken in First Year by an Electrical Engineering candidate. The details of these subjects are shown in Clause 6(b).

## SECOND YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM12	Applied Mathematics II	Lectures ...	} 120
		Tutorial ...	
NM02	Mechanical Engineering I	Lectures ...	} 117
		Practical ...	
NX42	Engineering IIM	Lectures ...	} 111
		Practical ...	

THIRD YEAR

NM03	Mechanical Engineering IIA (New Course)	Lectures ...	3	}	99
		Tutorial ...	1		
		Practical ...	3		
NM13	Mechanical Engineering IIB (New Course)	Lectures ...	3	}	117
		Tutorial ...	1		
		Practical ...	6		
NX43	Engineering IIIM	Lectures ...	5	}	153
		Tutorial ...	1		
		Practical ...	3		

FOURTH YEAR

(This course will be introduced in 1970)

NM24	Mechanical Engineering IIIA	Lectures ...	3	}	114
		Tutorial ...	1		
		Practical ...	3		
NM34	Mechanical Engineering IIIB	Lectures ...	3	}	114
		Tutorial ...	1		
		Practical ...	3		
NM44	Mechanical Engineering IIIC	Lectures ...	2	}	96
		Tutorial ...	1		
		Practical ...	6		
NM85	Engineering Management	Lectures	1, 1 <sup>1</sup>		45

8. CHEMICAL ENGINEERING COURSE

(a) Old Course

FIFTH YEAR\*

(To be offered for the last time in 1969)

Subject No. in Syllabus	Subject		Hours a week		Fee \$
NH05	Process Engineering IIIA: Unit Operations II	Lectures ...	4	}	150
		Tutorials ...	3		
		Practical ...	5		
NH75	Process Engineering IIIB: Unit Processes II	Lectures ...	2	}	72
		Tutorials ...	2		
		Practical ...	3		
NH85	Process Engineering IIIC: Industrial Economics	Seminar	2		54
NH95	Process Engineering IIID: Plant Design	Practical	250 hrs. total		96

\* The Fifth Year of the Chemical Engineering Course will consist of two parts:

(a) Twenty weeks of lectures, tutorials and practical work in Process Engineering IIIA, IIIB and IIIC;

(b) Six weeks of full-time work devoted to a Plant Design project—Process Engineering IIID.

Between these two parts of the course there will be a gap of four weeks, during which examinations in Process Engineering IIIA, IIIB, and IIIC will be held.

(b) *New Course*

## FIRST YEAR

The same subjects as are taken in First Year by an Electrical Engineering candidate. The details of these subjects are shown in Clause 6(b).

A candidate who has completed the First Year and who wishes to qualify for the B.Sc. and B.E. degrees concurrently (see Clause 8 of the Schedules for the Ordinary B.Sc. degree) is recommended to undertake two years of full-time study within the Faculty of Science before proceeding to further studies within the Faculty of Engineering.

## SECOND YEAR

SM12	Applied Mathematics II	.....	.....	.....	Lectures	...	4	}	120
					Tutorial	...	1		
SC02	Physical and Inorganic Chemistry II	.....	.....	.....	Lectures	...	3	}	120
					Tutorial	...	1		
					Practical	...	6		
NX02	Engineering IIIH	.....	.....	.....	Lectures	...	3	}	117
					Tutorials	...	3		
					Practical	...	3 <sup>2</sup>		

## THIRD YEAR

NH13	Chemical Engineering IIA	.....	.....	.....	Lectures	...	3	}	117
					Tutorials	...	3		
					Practical	...	3		
NH23	Chemical Engineering IIB	.....	.....	.....	Lectures	...	3	}	123
					Tutorials	...	4		
					Practical	...	3		
NX03	Engineering IIIH	.....	.....	.....	Lectures	...	4	}	120
					Tutorial	...	0 or 1		
					Practical	...	6 or 4 or 2		

## FOURTH YEAR

(This course will be introduced in 1970)

NH14	Chemical Engineering IIIA*	.....	.....	.....	Lectures	...	4 <sup>2</sup>	}	179
					Tutorials	...	3 <sup>2</sup>		
					Practical	...	3 <sup>2</sup>		
NH24	Chemical Engineering IIIB*	.....	.....	.....	Lectures	...	4 <sup>2</sup>	}	114
					Tutorials	...	5 <sup>2</sup>		
					Practical	...	3 <sup>2</sup>		
NH34	Chemical Engineering IIIC*	.....	.....	.....	Lectures	...	2 <sup>2</sup>	}	120
					Tutorial	...	1 <sup>2</sup>		
					Design	...	40 <sup>t</sup>		
					Project	...	40 <sup>t</sup>		

\*Examinations in Chemical Engineering IIIA, IIIB and part of IIIC will be held in the second and third weeks of third term.

A candidate who has passed in the subjects of the First Year and who, in addition, has passed in the subjects Applied Mathematics II, Physical and Inorganic Chemistry II, Organic Chemistry II or Pure Mathematics II, and two subjects from Group C in the Science Course (see Clause 8 of the Schedules for the Ordinary B.Sc. degree) may complete the academic requirements for the degree of Bachelor of Engineering in Chemical Engineering by passing in the following subjects:

FOURTH YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NX02	Engineering IIIH°	Lectures ... 3	} 117
		Tutorials ... 3	
		Practical ... 3 <sup>2</sup>	
NH13	Chemical Engineering IIA	Lectures ... 3	} 117
		Tutorials ... 3	
		Practical ... 3	
NH23	Chemical Engineering IIB	Lectures ... 3	} 123
		Tutorials ... 4	
		Practical ... 3	
NX04	Engineering IIIHA	Lectures ... 3	} 123
		Tutorial ... 0 or 1	
		Practical ... 15 or 3	

°Engineering IIIH, Part 11 (Stoichiometry), should be taken before embarking on the work of the Fourth Year, preferably concurrently with the Group C Science subjects.

FIFTH YEAR

The same subjects as are taken in Fourth Year of the normal B.E. course in Chemical Engineering.

9. ENGINEERING I, ENGINEERING II AND ENGINEERING III

(a) *Engineering I*

NX01	Engineering I	Lectures ... 3	} 3
		Tutorial ... 1	
		Practical ... 3	

This subject must be taken in First Year by all Engineering candidates. It consists of five parts:

- Part 1. Statics
- Part 2. Dynamics
- Part 3. Graphics
- Part 4. Engineering Drawing
- Part 5. General Engineering



(b) *Engineering II and Engineering III*

These shall be made up of selected parts from the following list:

Part		Hours a week
1	Stress Analysis .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
2	Structural Engineering .....	Lectures ... 1 Practical ... 3
3	Theory of Machines .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
4	Machine Design .....	Lectures ... 1 Practical ... 3
5	Thermodynamics and Fluids .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
6	Electrical Circuits and Machines .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
7	Electronics .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
8	Electrical Instrumentation .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
9	Engineering Materials .....	Lectures ... 1 Practical ... 3 <sup>1</sup>
10	Materials Science .....	Lectures ... 2 Practical ... 2
11	Stoichiometry .....	Lectures ... 1 Tutorial ... 3
12	Mathematics III (Engineering) .....	Lectures ... 2 Tutorial ... 1
13	Economics (Engineering) .....	Lectures ... 2 Tutorial ... 1

A candidate from the Civil Engineering Department will do Engineering IIC and IIC; from Electrical Engineering, IIE and IIE; from Mechanical Engineering, IIM and IIM; and from Chemical Engineering, IIH and IIH or IIIHA. The parts making up each of these subjects are listed below.

Syllabus No.		Parts	Hours a week
NX12	Engineering IIC .....	6, 7, 9	Lectures ... 3 Practical ... 3
NX13	Engineering IIIC .....	(3, 4) + 12 or 13	Lectures ... 4 Tutorial ... 1 Practical ... 4
NX23	Engineering IIE .....	1, 4	Lectures ... 2 Practical ... 4
NX33	Engineering IIIE .....	5, 9, 12	Lectures ... 4 Tutorial ... 1 Practical ... 3 <sup>2</sup>
NX42	Engineering IIM .....	1, 2, 9	Lectures ... 3 Practical ... 5
NX43	Engineering IIIM .....	(6, 7, 8) + 12 or 13	Lectures ... 5 Tutorial ... 1 Practical ... 3
NX02	Engineering IIH .....	6, 7, 11	Lectures ... 3 Tutorials ... 3 Practical ... 3 <sup>2</sup>
NX03	Engineering IIIH .....	1, 4, 10 or 1, 4, 12 or 10, 12	Lectures ... 4 Tutorial ... 1 Practical ... 4 Lectures ... 4 Tutorial ... 1 Practical ... 2
NX04	Engineering IIIHA .....	4, 10 or 4, 12	Lectures ... 3 Practical ... 5 Lectures ... 3 Tutorial ... 1 Practical ... 3

A pass in Engineering I, II or III will be granted on the subject as a whole and not in individual parts.

## 10. PRACTICAL EXPERIENCE

(a) *General:*

A total of sixteen weeks' practical experience is required under Regulations 4(b) and 14(e), and this should be completed during the University vacations before beginning the work of the fourth year of the course. A candidate will not normally be permitted to enrol in the fourth year of the course unless he has completed the requirements of this schedule.

The Faculty may grant either partial or total exemption from the requirements of this schedule to a candidate who produces satisfactory evidence of practical experience obtained before he first enrolled in the Faculty; and in special cases, the Faculty may grant dispensation from the requirements.

Credit will not normally be given for periods of less than three consecutive weeks.

A candidate should seek a variety of practical experience appropriate to his academic level.

Before beginning a period of practical experience, a candidate may ensure that it will be satisfactory to the Faculty by consulting the Head of the Department concerned. In doubtful cases an inquiry should be addressed to the Dean through the Academic Registrar.

Before the end of the first term in each year of his course, a candidate must submit to the Academic Registrar, on the prescribed form, a certificate from his employer of the practical experience gained during the preceding year.

(b) *Chemical Engineering:*

At least eight weeks of the required sixteen weeks must be spent in an approved Chemical Factory or Research Establishment on plant operation or industrial research or development. In addition, during the May vacation in the fourth year, each student must visit at least eight Chemical Plants.

## 11. HONOURS DEGREE IN ENGINEERING

A candidate for the Honours degree in Chemical, Civil, Electrical or Mechanical Engineering under Regulation 14 and Syllabus Nos. NH99, NC99, NE99, and NM99 shall complete the full course for the final year of his respective course, and in addition, the following courses:

Honours Lectures—2 hours a week	-	-	-	-	\$60
Laboratory Project—to be completed by March 1 in the year following that in which the Honours work was taken	-	-	-	-	\$90

## 12. TRANSFERS BETWEEN COURSES

A candidate who has completed the first year in any Engineering course and who wishes to enrol in second year of any other Engineering course should consult the Assistant to the Dean of the Faculty of Engineering.

## 13. FEES

- (a) For attendance at lectures, practical work and annual examination the fees shall be those prescribed in the Schedule of subjects for the degree (see Clauses 5 to 8 above for the Ordinary degree and Clause 11 above for the Honours degree). Provided that the total tuition fee for a standard academic year's work shall not exceed \$345.
  - (b) For a special examination (theoretical or practical or both) in any University subject the fee shall be \$20.
  - (c) The fees for subjects and examinations of the South Australian Institute of Technology shall be as prescribed by that institution.
  - (d) Travel and living costs involved in excursions and camps are not included in the fees listed above. See separate statement on page 690.
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OF THE DEGREE OF BACHELOR OF LAWS  
AND  
OF THE FINAL CERTIFICATE IN LAW

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Laws and a Final Certificate in Law.

2. A candidate before entering upon the course for either degree of Bachelor of Laws or for the Final Certificate in Law shall matriculate in the Faculty of Law.

\*3. (1) To qualify for the Ordinary degree of Bachelor of Laws a candidate shall—

(a) pass in the following subjects:

- (i) Elements of Law;
- (ii) Constitutional Law I;
- (iii) Criminal Law and Procedure;
- (iv) The Law of Contract;
- (v) The Law of Torts;
- (vi) The Law of Property;
- (vii) Constitutional Law II;
- (viii) Jurisprudence;
- (ix) Roman Law *or* International Law;
- (x) Legal History;
- (xi) Equity;
- (xii) Mercantile Law I;
- (xiii) Private International Law *or* Family Law;
- (xiv) Mercantile Law II *or* Administrative, Local Government and Industrial Law;
- (xv) The Law of Evidence and Procedure;

(b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics and Accounts.

(2) A candidate for the Ordinary degree of Bachelor of Laws who first enrolled in the Faculty of Law before 1967, whether as a candidate for the degree of Bachelor of Laws or as a candidate for the Final Certificate in Law, shall, in order to qualify for the degree and in addition to complying with the requirements of section (1) of this Regulation, pass in two subjects, other than Science subjects, available for the degree of Bachelor of Arts and approved by the Faculty of Law.

(3) A graduate in Arts of the University or of any other University recognised by the University shall be granted status for the two subjects prescribed in section (2) of this regulation.

(4) A course in Taxation Law will be available as a post-graduate subject. In special circumstances, students may, subject to the approval of the Faculty, attend this course in their final year.

\* Allowed 17th December, 1959; amended 22nd December, 1966.

‡3A. (1) To qualify for the Honours degree of Bachelor of Laws a candidate shall—

- (a) pass at the first attempt in all subjects required for the Ordinary degree of Bachelor of Laws; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt; and
- (b) obtain twelve or more 'Honours points' in the subjects set out in Section (1), Sub-section (a) of Regulation 3. 'Honours points' shall be calculated on the basis that a Distinction equals one and a half 'Honours points' and a Credit equals one 'Honours point'; and
- (c) pass, in addition, at the first attempt, in the final year of his course for the Ordinary degree, a General Honours Examination of not more than two papers, for the answering of which access may be allowed to the Law Library.

(2) A candidate who satisfies the requirements of sub-Regulation (1) of this Regulation shall be awarded the Honours degree of Bachelor of Laws, but the Faculty shall decide, after consideration of the whole of his work for the degree including all his examination results, whether the degree shall be awarded with First or Second Class Honours.

(3) A candidate who has been granted status by virtue of clause 7 of Chapter XXV of the University Statutes, or by virtue of Regulations 17 and 18 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

†4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
  - (i) Elements of Law,
  - (ii) Constitutional Law I,
  - (iii) Criminal Law and Procedure,
  - (iv) The Law of Contract,
  - (v) The Law of Torts,
  - (vi) The Law of Property,
  - (vii) Equity,
  - (viii) Mercantile Law I,
  - (ix) Family Law,
  - (x) The Law of Evidence and Procedure; and
- (b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics and Accounts.

\*5. A candidate shall not be admitted to a class in any subject for which he has not completed the pre-requisite subject or subjects prescribed by the Faculty from time to time and set out in the syllabus for the subject concerned.

‡ Allowed 17th December, 1956; amended 16th March, 1961, and 22nd December, 1966.

† Amended 4th April, 1963.

\* Allowed 17th December, 1959; amended 12th December, 1963.

\*5A. A candidate shall not enrol for the course of lectures in Legal Ethics and Accounts earlier than the year in which he expects to complete his course for either the degree or the final certificate unless he has passed in Equity and is serving under Articles as prescribed in the Rules of the Supreme Court.

¶6. Annual examinations shall be held in November and supplementary examinations shall be held in January, February or March in each year. A candidate may sit for a supplementary examination in any subject or subjects, provided that he sat for the immediately preceding annual examination in such subject or subjects.

‡‡7. Students shall enter for examination on the form and by the date prescribed by the Council. No student shall present himself for examination in any subject unless he shall have gained credit for attendance at at least three-fourths of the lectures given in that subject in each term of the year and shall have gained credit for such attendance as may be required of him at such seminars, tutorials and other classes as are held in that subject in that year and shall have submitted such essays or other written work as may be prescribed for him: provided that any student so long as he is articled to a practitioner of the Supreme Court whose office is more than ten miles distant from the University shall be exempt from the requirements of this Regulation in respect to attendance at lectures and at seminars, tutorials and other classes.

8. If in any subject a candidate does not pass either at the annual or at the supplementary examination he shall again comply with the requirements of Regulation 7 in respect of such subject before again presenting himself for examination in that subject.

§9. If the lecturer and examiners deem it appropriate any essays or other written work submitted by a student in accordance with Regulation 7 may form part of the annual or supplementary examination in that subject and may be taken into account for the purposes of determining and classifying the results in that subject.

In addition, the examiners in any subject may require a candidate to submit himself for a *viva voce* examination in that subject, such *viva voce* examination to be taken into account in determining and classifying the candidate's result.

10. All students shall be classified as proceeding either to the degree of Bachelor of Laws, or to the Final Certificate, but any student may at any time (even after obtaining the Final Certificate) be removed from one class into the other on application to the Faculty of Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

\*10A. No student enrolled for the degree of Bachelor of Laws may enrol or submit for examination in more than three subjects in any one year during the first three years of the course if he is engaged in any activity or employment (whether for reward or not) which requires regular attention in the day-time of any day on which lectures are held for courses in which the student seeks enrolment.

\* \* Allowed 12th December, 1963. ‡‡ Allowed 22nd December, 1966.

† Amended 4th April, 1963; 21st December, 1967.

§ Allowed 12th December, 1963.

\* Allowed 28th July, 1959; amended 12th December, 1963.

\*11. There shall be three classifications of pass at an annual or supplementary examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

The results of all annual and supplementary examinations in Law shall be transmitted by the Registrar to the Chief Justice of the Supreme Court of South Australia.

12. Schedules defining the scope of the subjects of study, and appointing text-books, shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.

13. The Intermediate Examination in Law shall consist of Elements of Law and either Criminal Law and Procedure or Constitutional Law, Part I.

‡14. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

§15. The Faculty of Law may grant to any student such exemption from the requirements of Regulations 5, 5A, 6, 7, 8, 9 and 10A, and upon such conditions, as it shall decide.

††16. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed.

††17. A candidate who passed in Mercantile Law under the Regulation 3 in force in 1959 will be given status for the subject Mercantile Law I under the current Regulation 3; a candidate who passed or passes in The Law Relating to Companies, Partnership, Bankruptcy and Divorce under Regulation 3 in force in 1959 will be given status in Mercantile Law II under the current Regulation 3.

††18. A candidate may, at any time, apply to the Faculty of Law for status under these Regulations and shall be granted such status thereunder as the Faculty may in each case determine.

NOTES (which do not form part of the Regulations).

(1) To find the syllabuses of the subjects in the Law course, see either General Index on page 751 or Table of Subjects on page 1101.

(2) The Faculty of Law recommends:

(a) that candidates for the LL.B. degree take their subjects according to the following scheme:

*First Year:* Elements of Law; Constitutional Law I; Criminal Law and Procedure.

\* Allowed 22nd December, 1955.

‡ Allowed 18th October, 1956. § Amended 12th December, 1963 and 22nd December, 1966.

†† Allowed 17th December, 1959.

Allowed 22nd January, 1953.

*Second Year:* The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

*Third Year:* Jurisprudence; Roman Law or International Law; Legal History; Equity; Mercantile Law I.

*Fourth Year:* Private International Law or Family Law; Mercantile Law II or Administrative, Local Government and Industrial Law; The Law of Evidence and Procedure.

(b) that candidates for the Final Certificate take their subjects according to the following scheme:

*First Year:* Elements of Law; Constitutional Law I; Criminal Law and Procedure.

*Second Year:* The Law of Contract; The Law of Torts; The Law of Property.

*Third Year:* Equity; Mercantile Law I.

*Fourth Year:* Family Law; The Law of Evidence and Procedure.

(3) For the purposes of Regulation 3 (2) above the Faculty has approved as Arts subjects, without application by the student—

Ancient History, English I, French I, General Mathematics or Mathematics I, Geography I or Economic Geography, German I, Greek I, History IA or History IB, Latin I, Philosophy I, Politics I, Psychology IA or I, Social Economics or Economics I.

Special application must be made to the Faculty for permission, which may be granted on such conditions as the Faculty thinks fit, to take subjects other than these.

(4) Candidates who may wish to take the degree of Bachelor of Arts as well as the degree of Bachelor of Laws should refer to Schedule 1 of the Regulations of the degree of Bachelor of Arts.

#### Schedule of Fees prescribed by the Council under Regulation 14.

##### A. Ordinary degree of LL.B.:

(a) For attendance (or re-attendance) at lectures and examinations in each of Elements of Law, Constitutional Law I and Criminal Law and Procedure - - - - -	\$120
(b) For attendance (or re-attendance) at lectures and examination in each other subject of the course except Legal History and Legal Ethics and Accounts - - - - -	\$90
(c) For attendance (or re-attendance) at lectures and examination in Legal History - - - - -	\$45
(d) For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	\$40
(e) For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.	
(f) For a supplementary examination in any subject - - -	\$20

Provided that the total tuition fee for a standard academic year's work in any one year shall not exceed \$345.

##### B. Honours degree of LL.B.:

For the additional examination required - - - - -	\$60
C. For the Final Certificate, or for admission to the degree -	\$20
D. For attendance at the course of lectures in Taxation Law -	\$51



## RULES OF THE SUPREME COURT

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference, but students are advised to consult the Rules in full:

### PRELIMINARY.

2. (1) The rules regulating the admission of Barristers, Attorneys, Solicitors, and Proctors made on the 17th day of August, 1936, are hereby annulled.

(2) The annulment shall not affect the previous operation of any rule so annulled, or anything duly done thereunder.

(3) Any person who, before the 31st day of December, 1952, had entered upon the course of study prescribed for the degree of Bachelor of Laws, or the Final Certificate in Law at the University of Adelaide by the regulations of the University then in force, and who shall be allowed by the Council of the University to complete the course for the degree or the Final Certificate under such regulations, shall be entitled to apply for admission as a practitioner, if he has qualified for admission under the annulled Rules, but Rules 8 to 10, 16 to 25, and 30 to 46 (all inclusive) of these rules shall apply to every such person.

3. In these Rules, unless the contrary intention appears—

“Board” or “Board of Examiners” means the Board of Examiners of the Supreme Court of South Australia:

“Court” means the Full Court:

“Degree of Bachelor of Laws” means the degree of Bachelor of Laws in the University of Adelaide:

“Law Society” means the Law Society of South Australia Incorporated:

“Master” means the Master of the Supreme Court of South Australia, and includes the Deputy Master:

“Practitioner” means a Barrister, Attorney, Solicitor, and Proctor of the Supreme Court of South Australia:

“Reciprocating part of the British Commonwealth” means any part of the British Commonwealth, in regard to which the Court is satisfied that the standard of qualification for admission is at least equal to the standard in this State, and that corresponding eligibility for admission of Practitioners of the Supreme Court of this State exists:

“Supreme Court” means the Supreme Court of South Australia:

“The State” or “this State” means the State of South Australia:

“University” means the University of Adelaide:

Words importing the masculine gender shall be deemed and taken to include the feminine gender, and the singular to include the plural and the plural the singular.

4. The business of the Court is to be conducted as heretofore by admitted practitioners.

## PERSONS ELIGIBLE FOR ADMISSION.

5. (1) A person who is of good fame and character, and who has attained the age of twenty-one years, and is a British subject may apply to be admitted as a practitioner if such person is:—

- (a) A clerk who has served the prescribed period of articles of clerkship, and has passed or been credited with the examinations prescribed by these Rules.
- (b) A member of the bar in England, or of Northern Ireland.
- (c) A Scottish Advocate.
- (d) A Solicitor of the Supreme Court of Judicature in England, or of the Supreme Court of Northern Ireland, or a person admitted or deemed to be admitted as a solicitor in Scotland.
- (e) A Barrister or Solicitor of the Supreme, or Superior Court of a reciprocating part of the British Commonwealth.

(2) An applicant mentioned in sub-paragraphs (b), (c), (d) and (e) of the preceding sub-rule is in these Rules referred to as "an applicant previously admitted elsewhere."

## LAW EXAMINATIONS.

6. No person (other than an applicant previously admitted elsewhere) shall be admitted until he has satisfied the <sup>1</sup>Board of Examiners that:—

- (a) he has taken, or has passed or been credited with the examinations entitling him to take, the degree of Bachelor of Laws of the University of Adelaide, or that he has obtained the Final Certificate in Law of the University of Adelaide certifying that he has passed or been credited with prescribed examinations in the following subjects namely:—
  - (i) Elements of Law,
  - (ii) Constitutional Law, Part I,
  - (iii) Criminal Law and Procedure,
  - (iv) The Law of Contract,
  - (v) The Law of Torts,
  - (vi) The Law of Property,
  - (vii) Equity,
  - (viii) Mercantile Law I,
  - (ix) Family Law,
  - (x) The Law of Evidence and Procedure; and
- (b) he has produced to the Faculty of Law of the University of Adelaide a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

<sup>1</sup> The Board of Examiners of the Supreme Court of South Australia.

## PERIOD OF ARTICLES

7. The period for which an applicant (not previously admitted elsewhere) is required to serve under articles is four years

Provided—

- (1) that any applicant who has obtained, or become qualified to receive the degree of Bachelor of Laws of the University shall be eligible for admission after serving under articles for not less than three years, and
- (2) that any applicant who has—
  - (a) obtained the said degree, and
  - (b) served under articles for at least one year after obtaining, or becoming qualified to receive, the same
 shall be eligible for admission after serving under articles for not less than two years.

8. In the case of a person articed to a practitioner practising in the country one year of the period of articles prescribed by the preceding Rule may be served with the Adelaide agent of such practitioner, and the employment of the clerk as a *bona fide* pupil of the Adelaide agent, or his partner (if any) for such period of one year shall be deemed to be service under his articles of clerkship.

9. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State may be deemed by the Board to be a period served as an articed clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

## ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless

- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;
- (b) he has given to the <sup>1</sup>Master, and to the <sup>2</sup>Law Society at least twenty-one clear days notice of his intention to enter into articles. Such notice shall be in Form A in the schedule hereto, and shall contain the particulars therein prescribed.

Provided that, where any person has been required by notice (Form B) to attend personally before the Board and to satisfy it of his good character and fitness to enter into articles, such person shall not enter into articles until the Board has given its consent in writing thereto.

14. Within one month after the execution of his articles the articed clerk shall—

- (a) file the articles in the office of the <sup>1</sup>Master together with an affidavit verifying the due execution thereof;
- (b) produce to the Master a certificate, or certificates, by the University showing that the clerk has the qualifications required by Rule 11;

- (c) file in the office of the Master a copy of every such certificate; and
  - (d) serve on the <sup>2</sup>Law Society copies of the said affidavit and of every such certificate, and of any consent, decision or determination given or made by the Board pursuant to the proviso to Rule 11, or to Rule 7, as the case may require.
15. Within one month after the execution of any supplementary articles, or of any assignment of any articles, the clerk shall—
- (a) file in the office of the <sup>1</sup>Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and
  - (b) serve on the <sup>2</sup>Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

### SERVICE UNDER ARTICLES.

16. No clerk shall be articed to a practitioner who has not been in practice in this State as a principal for a continuous period of five years, unless the practitioner is the Crown Solicitor of this State or the Deputy Crown Solicitor for the Commonwealth in this State.

17. No practitioner shall have more than two articed clerks serving under articles at the same time.

18. No practitioner shall take, or retain, any articed clerk after he has ceased to practise as a practitioner, or whilst he is employed as a clerk by another practitioner.

19. (1) Subject to these Rules, every articed clerk shall during the whole term of his articles be actually employed in this State in the proper business, practice and employment of a practitioner under the personal supervision of—

- (a) the practitioner practising in this State to whom he is articed; or
- (b) a partner of the practitioner; or
- (c) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articed.

Provided that (for the purposes of clause (b) or (c) as the case may be) the partner or practitioner shall have been in practice in this State as a principal for a continuous period of five years.

(2) The Assistant Crown Solicitor shall for the purpose of this Rule be deemed to be a partner of the Crown Solicitor for the State.

20. (1) No articed clerk shall during the period of his articles pursue any occupation or business other than the proper business of the practitioner to whom he is articed or his partner (if any).

(2) A clerk articed to the Crown Solicitor of the State, or the Deputy Crown Solicitor for the Commonwealth in this State, shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

<sup>1</sup>The Master of the Supreme Court of South Australia.

<sup>2</sup>The Law Society of South Australia Incorporated.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

#### APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

#### EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

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OF THE HONOURS DEGREE OF BACHELOR OF MEDICAL  
SCIENCE

## REGULATIONS

\*1. There shall be an Honours degree of Bachelor of Medical Science. Subject to these Regulations a candidate may proceed to the degree in one of the following subjects:

(a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Pathology, (e) Microbiology, (f) Pharmacology, (g) Genetics, (h) Psychology, (i) Clinical Science (within one of the Departments of Medicine, Surgery, Obstetrics and Gynaecology, Child Health, and Mental Health).

2. Before entering upon the course of study in one of the subjects for the degree a candidate must (i) have completed the pre-requisite work for that subject, and (ii) be deemed by the Head of the Department concerned to be a suitable candidate for advanced work.

3. To qualify for the degree a candidate shall interrupt his medical course, undertake a course of advanced study extending over at least one year in one of the subjects listed in Regulation 1, and satisfy the examiners therein.

4. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions in each subject:

First Class  
Second Class  
    Division A  
    Division B

5. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

6. Schedules defining the pre-requisite work, the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Medicine, and submitted to the Council. Such schedules shall become effective from the date of approval by the Council or such other date as the Council may determine, and shall be published as soon as practicable after that approval has been given.

7. A student who has passed examinations *in pari materia* and at equivalent standard in another Faculty or otherwise, and desires that such examinations shall be counted *pro tanto* for the Honours degree

Allowed 12th December, 1963.

\* Amended 22nd December, 1966.

of Bachelor of Medical Science, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine; but no exemption shall be granted from the year's course of advanced study for the degree.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

### Schedule I: Pre-requisite work

The pre-requisite work for the various subjects is:

Anatomy, Biochemistry, Physiology: a pass in the First Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Pathology, Microbiology, Pharmacology: a pass in the Second Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Genetics: a pass in the First Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination in Genetics I as prescribed for the degree of Bachelor of Science.

Psychology: a pass in the First Professional Examination in the course for degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination of Psychology I (S) as prescribed for the degree of Bachelor of Science.

Clinical Science: a pass in the Final Professional Examination, Part I, in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

### Schedule II: Course of Study

The course comprises three equally important aspects undertaken concurrently:

1. *Course of Reading* in selected fields, and the submission of a series of essays associated therewith.
2. *Experimental work*, covering a wide range of techniques.
3. *The undertaking of a research project* which will be assigned early in the course and on which a thesis must be submitted.

### Schedule III: Examination

The examination for the degree will consist of a written paper or papers, the essays submitted during the year, the thesis on the research project, an oral examination, and a practical examination if required by the examiners.

### Schedule IV: Fees

- |    |   |   |   |   |   |   |   |       |
|----|---|---|---|---|---|---|---|-------|
| A. | For the special year's work and examination in any subject for the Honours degree | - | - | - | - | - | - | \$300 |
| B. | For admission to the degree   | - | - | - | - | - | - | \$20  |

OF THE DEGREES OF BACHELOR OF MEDICINE AND  
BACHELOR OF SURGERY

REGULATIONS

I. LENGTH OF COURSE

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years.

II. CURRICULUM

2. To qualify for the degrees a candidate shall attend regularly such courses of lectures, tutorials and seminar work, satisfactorily perform such laboratory, practical, clinical and written work, and pass such examinations as the Council may from time to time prescribe.

3. Schedules defining the courses of study and practice to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be submitted by the Faculty of Medicine to the Council and on approval by the Council shall be effective from the date of such approval or from such other date as the Council shall determine; and they shall be published in the next edition of the University Calendar issued after the Council has approved them.

III. EXAMINATIONS

4. Unless the Council for reasons that it deems adequate directs otherwise, examinations during the six-year course shall be held as follows:

Preliminary Examination: in or about November of the first year.

First Professional Examination: in or about August of the third year.

Second Professional Examination: in or about November of the fourth year.

Final Professional Examination: Part I in or about November of the fifth year; Part II in or about November of the sixth year.

5. Subject to the provisions of Regulation 10 (d) hereof, a candidate shall pass in the whole of one examination before entering upon the courses of study and practice leading to the next examination.

6. A candidate shall enter for each examination on the form and by the date prescribed by the Council, but shall not present himself for the examinations unless he has completed to the satisfaction of the professors and lecturers concerned, prior to the beginning of the examination, the courses of study and practice prescribed for it.

7. The examiners in any subject may take into consideration written or practical work required of candidates during the course of study and practice and the results of terminal or other examinations in the subject.

8. A candidate who fails to pass in an examination shall, before presenting himself for the examination again, attend again such part



or parts of the course of study and practice leading to that examination as the Faculty may direct.

9. There shall be three classifications of pass at each examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in connection with any examination shall not be classified at that examination.

#### IV. SUPPLEMENTARY EXAMINATIONS

10. (a) The Board of Examiners may grant a candidate who has been prevented by illness or other sufficient cause from sitting for the whole or part of an examination permission to sit for a special or supplementary examination; the extent of such special or supplementary examination to be determined by the Board in each case.

(b) The Board of Examiners may grant a candidate who has failed in part only of an examination permission to sit for a supplementary examination in the subject or subjects in which he has failed.

(c) On passing in a special or supplementary examination granted under this Regulation a candidate shall be deemed to have completed the whole of the examination; but if he fails in such special or supplementary examination he shall take again, and pass in, the whole of the examination before proceeding with the courses of study and practice leading to the next examination.

(d) A candidate granted permission to sit for a supplementary or special examination may enter provisionally upon the courses of study and practice leading to the next examination pending publication of the result of his supplementary examination.

#### V. STATUS FOR WORK DONE ELSEWHERE

11. A candidate who has passed examinations *in pari materia* in the University or in another University or institution and desires that such examinations shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery, may apply to the Registrar for such exemption from the requirements of these Regulations as the Council may determine. A candidate who is exempted from part of an examination shall not be classified at that examination.

#### VI. STATUS UNDER EARLIER REGULATIONS

12. All regulations hitherto in force concerning the degrees of Bachelor of Medicine and Bachelor of Surgery are hereby repealed: provided that this repeal shall not affect

- (a) anything done or suffered under any regulation hereby repealed; or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

Allowed 28th January, 1965.

Note: Before being admitted to the course of study a candidate shall have matriculated in the University and have been accepted by the Council as a student to be so admitted.

## SCHEDULES.

[Notes:—1. The Hospital Clinical Year begins on the 3rd February. 2. Candidates should obtain the descriptive leaflet on the Medical Course, which gives details of the scientific equipment required by each student before commencement of the various years of the course. 3. To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.]

## I. SCHEDULE OF COURSES OF STUDY.

## A. Lectures, Practical Work, etc.

During the first year the student shall attend courses of lectures and practical work in (a) Biology, (b) Chemistry, (c) Physics, (d) an approved fourth first-year subject selected from those which may be presented for the Ordinary degrees of Bachelor of Arts or Bachelor of Science.

During the second year the student shall

- (a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;
- (b) attend courses of lectures and practical work in Histology and Embryology;
- (c) attend a course of lectures and practical work in Biochemistry;
- (d) attend a course of lectures and practical work in Physiology.

During the third year the student shall

- (a) attend a course of lectures and practical work in Anatomy, including surface, surgical and radiological anatomy;
- (b) attend a course of lectures and practical work in Neurology;
- (c) attend courses of lectures and practical work in Physiology, Applied Physiology and Pharmacology;
- (d) attend a course of lectures and practical work in Biochemistry;
- (e) attend a course of lectures and practical work in Microbiology;
- (f) attend a course of lectures and practical work in Pathology, including a course of demonstrations in Clinical Pathology;
- (g) attend a course of lectures and clinical demonstrations in Psychological Medicine.

During the fourth year the student shall

- (a) attend a course of lectures in Medicine;
- (b) attend a course of lectures in Surgery;
- (c) complete the course of lectures and practical work in Pathology, and continue to attend demonstrations in Clinical Pathology;
- (d) complete the course of lectures and practical work in Microbiology;
- (e) complete the course of lectures and practical work in Applied Physiology and Pharmacology;
- (f) attend a course of lectures in Anaesthetics;
- (g) attend a course of lectures in Public Health and Preventive Medicine.

During the fifth year the student shall

- (a) attend a course of lectures in Obstetrics and Gynaecology;
- (b) attend a course of lectures in Ophthalmology;
- (c) attend a course of lectures in Otorhinolaryngology;
- (d) attend a course of lectures in Medical Pediatrics;
- (e) attend a course of lectures in Surgical Pediatrics;
- (f) attend a course of lectures in Dermatology;
- (g) continue to attend demonstrations in Clinical Pathology;
- (h) attend on three occasions the Outpatients' Department and for three clinical sessions at the Pulmonary Tuberculosis Department;
- (i) attend, as directed, the Venereal Clinical at the Royal Adelaide Hospital;

- (j) attend at not less than six *post mortem* examinations;
- (k) attend Class Examinations as directed by the Faculty of Medicine.

During the sixth year the student shall

- (a) attend a course of lectures in Medicine;
- (b) attend a course of lectures in Surgery;
- (c) attend clinical meetings as directed by the Faculty of Medicine;
- (d) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (e) attend a course of lectures in Forensic Medicine;
- (f) complete a course of instruction in Infectious Diseases;
- (g) complete a course of instruction in Dentistry;
- (h) attend a course of lectures in the Principles of Medical Practice, including Medical Ethics, Life Assurance and General Practitioner Documentation;
- (i) attend a course of lectures in Venereology;
- (j) attend a course of instruction in Psychiatry;
- (k) continue to attend demonstrations in Clinical Pathology;
- (l) attend the Interim Examination in Surgery;
- (m) attend the Class Examination in Forensic Medicine;
- (n) attend the Interim Examination in Medicine.

#### B. Clinical Instruction.

Clinical Instruction will begin in the third term of third year.

During the period of clinical instruction the student shall

- (a) attend the medical and surgical practice of the Royal Adelaide Hospital and/or the Queen Elizabeth Hospital in the wards and in the Outpatients' Department; and receive tutorial instruction in Medicine and Surgery;
- (b) perform the duties of a medical clerk for 33 weeks;
- (c) perform the duties of a surgical dresser for 33 weeks;
- (d) be attached to the Outpatients' Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for 11 weeks and perform such duties and attend such clinics as may be directed;
- (e) attend for 11 weeks, or such lesser period as may be directed, the gynaecological practice of the Royal Adelaide Hospital or the Queen Elizabeth Hospital in the wards and in the Outpatients' Department;
- (f) reside for 11 weeks, or such lesser period as may be directed, in the Queen Victoria Maternity Hospital or the Queen Elizabeth Hospital (Maternity Section) for clinical work in Obstetrics;
- (g) hold for a total of at least 10 weeks, the offices of medical clerk or surgical dresser at the Adelaide Children's Hospital; and reside for at least one week in that hospital;
- (h) attend for two sessions a week during not less than 5 weeks the practice of the Ophthalmological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (i) attend for one session a week during not less than 10 weeks the practice of the Ear, Nose and Throat, Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (j) attend for one session a week during not less than 10 weeks the practice of the Dermatological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (k) attend as directed during a period of 11 weeks the practice of the Orthopaedic Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (l) attend a course of clinical instruction in Psychiatry.

#### C. Approval of Enrolment.

Students enrolling in the first year of the medical course, and all other students enrolling in the medical course for the first time, must have their course of study approved by the Dean (or his nominee) at the time of enrolment.

## II. SCHEDULE OF EXAMINATIONS MADE BY THE COUNCIL UNDER REGULATIONS 3 AND 10.

The subjects of the examinations prescribed in Regulation 3 shall be as follows, and a candidate shall satisfy the examiners in each subject:

(a) *The Preliminary Examination* (to be held in or about November of the first year)

1. Biology *or*, in special circumstances, an alternative subject approved in advance by the Faculty of Medicine.
2. Chemistry I.
3. Physics I.
4. An approved fourth subject selected from those which may be presented for the Ordinary degrees of Bachelor of Arts or Bachelor of Science.

Candidates taking the work of the first-year at The Flinders University of South Australia will be granted status for the Preliminary Examination on their passing in Part I of the course of study for the Ordinary Degree of Bachelor of Science in that University provided that the Part I course so passed is acceptable to the University of Adelaide.\*

Before being permitted to proceed to the second year of the course, candidates will be required to have completed the work of the Preliminary Examination including a pass, at Division I standard or better, in Chemistry I.

A candidate who fails to reach the pass standard in one, two or three subjects will be permitted to complete the outstanding subject or subjects at a subsequent examination.

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following February.

(b) *The First Professional Examination* (to be held in or about August of the third year)

1. Anatomy
2. Biochemistry
3. Human Physiology

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following November.

(c) *The Second Professional Examination* (to be held in or about November of the fourth year)

1. Pathology
2. Microbiology
3. Applied Physiology and Pharmacology

The supplementary examinations (for candidates permitted under Regulation 10 to present themselves therefor) will be held in or about the following February.

(d) *The Final Professional Examination*

Part I (to be held in or about November of the fifth year):

1. Obstetrics and Gynaecology
2. Pediatrics

Part II (to be held in or about November of the sixth year):

1. Medicine
2. Surgery

A candidate who is granted on medical grounds a supplementary examination in part or the whole of Part I will be allowed to present himself for such supplementary examination in or about the following May. In the meantime he may proceed with the work of the sixth year.

\* For 1969, the following Part I course will be acceptable:

- Mathematics I *or* IB *or* IS
- Physics I *or* IS
- Chemistry I
- Biology I.

A candidate granted on grounds other than medical a supplementary examination in one subject of Part I will be allowed to proceed with the work of the sixth year and to present himself for examination in Part II. If he passes in Part II he will be permitted to present himself for his supplementary examination in Part I in or about the following May. But if he fail in part or the whole of Part II he will be required to enrol for a further year, to repeat all subjects not already passed and to present himself in or about November for examination in those subjects.

A candidate granted a supplementary examination in one subject of Part II or on medical grounds in the whole or part of Part II may present himself for such supplementary examination in or about the following May.

Candidates granted supplementary examinations in any part of the Final Professional Examination will carry out such additional work as the Head of the Department may require.

### III. SCHEDULES OF FEES PRESCRIBED BY THE COUNCIL UNDER REGULATION 3.

- A. For attendance (or re-attendance) at lectures, practical work and annual examination:
- (a) In the first year - - - - - \$345  
For less than four subjects, the fees for each subject will be as are prescribed for such subject in the Schedules of the degree of Bachelor of Arts or Bachelor of Science as appropriate.
- (b) In each of the second, third, fourth, fifth and sixth years - - \$375
- B. For a supplementary examination:
- (a) In any subject of the Preliminary, First Professional and Second Professional Examination - - - - - \$20
- (b) In any subject of the Final Professional Examination, Parts I and II - - - - - \$40
- C. For admission to the degrees of Bachelor of Medicine and Bachelor of Surgery - - - - - \$20

NOTE: Students who are required to take a supplementary examination in more than one subject of the Final Professional Examination will be required to pay a full year's tuition fee.

All medical students in the fourth, fifth and sixth years shall also pay the following annual fees for distribution to the various teaching hospitals and honorary staffs:

Teaching Hospitals Fees	- - - - -	\$20.50
Clinical Instruction Fee	- - - - -	\$48.00
Obstetrics Residence Fee	- - - - -	\$36.67
Adelaide Children's Hospital Residence Fee (fifth year)	- - - - -	\$12.30

These fees supersede those mentioned in the following rules for admission of medical students to the various teaching hospitals.

### RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL.

NOTE.—Students' Fees must be paid during the first week of attendance.

- Each medical student admitted to the practice of the Hospital shall be under the control of the Medical Superintendent.
- No student shall publish the report of any case without the written permission of the Honorary Medical Officer under whose care the patient is or has been.
- No student may introduce visitors into the Hospital without the permission of the Medical Superintendent.
- Students shall discharge the duties assigned to them, and pay for or replace any article damaged or lost or destroyed by them through negligence.
- The Hospital clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.

6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all right accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—

- (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
- (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m., for inspection by the Registrar, to whom any failure to attend must be explained;
- (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
- (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
- (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent and do whatever work may be required of him;
- (f) attend post-mortem examinations, and if in charge of the case while in the ward assist the Pathologist in the examination;
- (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
- (h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist;
- (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—

- (a) assist the Admitting Medical Officer in the Casualty Room;
- (b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
- (c) attend or assist at emergency operations, as directed by the Medical Superintendent;
- (d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

- 14. }
- 15. } Suspended.
- 16. }

17. Every medical student shall pay to the University the following fees for admission to the practice of the Royal Adelaide Hospital, as determined by the Hospital Board, viz.

- (1) For clinical instruction by the Honorary Staff:—  
£17/17/0 per annum in each of the 4th, 5th and 6th years of the course.
- (2) For the clinical practice of the Hospital (including instruction in Dentistry and material supplied for use in operating theatres):—  
£7/7/0 per annum in each of the 4th, 5th and 6th years of the course.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE  
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

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#### RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL, INC.

Medical Students of The University are admitted to the practice of The Adelaide Children's Hospital under the conditions hereinafter mentioned and subject to any new rules that the Board of Management may make from time to time:—

1. Students may attend the practice of The Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon and at other times if they have obtained the permission of the Medical Superintendent or his deputy.

2. They shall carry out their duties in the wards and outpatient clinics in a manner similar to that indicated in the rules of the Royal Adelaide Hospital.

3. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been, or the Medical Superintendent or his deputy.

4. Students may not introduce visitors into the hospital without the permission of the Medical Superintendent or his deputy.

5. During the period of residence the student will be responsible to the Medical Superintendent for discipline and general conduct.

6. Students in residence will pay board and lodging at the present rate of £3.1.6 per week. This money will be paid to the University beforehand.

7. All fees for clinical instruction and practice shall be as laid down by the University and collected by it for distribution to this hospital.

8. Students attending the hospital shall discharge the duties assigned to them.

They shall pay for or replace any article damaged, lost or destroyed by them through negligence or misconduct.

9. Any student infringing any of these rules or the rules of the hospital, or otherwise misconducting himself shall be subject to suspension or dismissal by the Board and shall on dismissal forfeit all payments which he may have made and all rights accruing therefrom.

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#### RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE QUEEN VICTORIA MATERNITY HOSPITAL INC.

Medical Students of the 5th and 6th years are admitted to the practice of the Queen Victoria Maternity Hospital Inc. under the conditions hereinafter mentioned and subject to any further Rules that may from time to time be made by the Council of the University in conjunction with the Committee of Management of the Hospital:—

1. Students shall reside in the Hospital for such periods as may be determined from time to time by the Council of the University and shall carry out such duties in the various Departments of the Hospital as are required by the Professor of Obstetrics, Lecturers and Tutors appointed as such by the University.

2. No student may publish a report of any case without the authority of the Professor of Obstetrics and of the Honorary Obstetrician responsible for the case.

3. No student may introduce visitors into the Hospital without the permission of the Medical Superintendent or his deputy.

4. Students shall pay such fees (including those for board and residence) as are laid down from time to time by the University in conjunction with the Teaching Hospitals. Fees are payable directly to the University; no student will be admitted to the Hospital until such fees are paid.

5. During their attendance at and residence in the Hospital students shall conform to such Rules of conduct as may be laid down from time to time by the Committee of Management.

6. Any student infringing these Rules or otherwise misconducting himself may be suspended by the Professor of Obstetrics or the Medical Superintendent. If such action be taken by the Medical Superintendent, the latter shall immediately advise the Professor of Obstetrics of the circumstances and the Professor shall determine whether the offence warrants consideration by the Investigation Committee.

7. The Investigation Committee shall consist of the Professor of Obstetrics, a Senior Member of the Honorary Medical Staff of the Hospital and a member appointed by the Committee of Management of the Hospital.

8. Should the decision of the Investigation Committee with regard to any case brought before its notice be that a student be suspended for a period or dismissed from the Hospital such decision shall be referred to the Committee of Management of the Hospital for confirmation or otherwise. If confirmed the decision and the circumstances surrounding the offence shall be reported to the Board of Discipline of the University.

9. The Board of Discipline of the University shall have no power to vary a decision of the Committee of Management with regard to the suspension or dismissal of a student but it may suggest a variation of the penalty.

10. If suspension or dismissal by the Committee of the Hospital results in the student being unable to qualify to enter for his next examination in due course the Board of Discipline if it thinks fit may recommend to the Faculty of Medicine that arrangements be made if possible for the student to do equivalent work elsewhere and thereby qualify to present himself for the next or such later examination as the Faculty may decide.

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**RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF  
THE MORRIS HOSPITAL,  
THE NORTHFIELD WARDS OF THE ROYAL ADELAIDE HOSPITAL.**

Medical students of the University are admitted to the practice of the above Hospitals under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Director-General of Medical Services:—

1. Each medical student admitted to the practice of the Hospital shall be under the control of the medical administrator or of the Medical Superintendent.

2. No student may publish the report of any case without the written permission of the medical officer under whose care the patient is or has been.

3. No student may introduce visitors into the Hospital without the permission of the medical administrator or of the Medical Superintendent.

4. Students shall discharge the duties assigned to them and pay for or replace any article damaged or lost or destroyed by them through negligence.

5. Certificates of attendance shall be signed for the Medical Diseases of Children, by the Clinical Lecturer; for attendance at the Morris Hospital, by the physician to whom the student has been attached as a Clinical Clerk; for the practice of the Northfield Wards of the Royal Adelaide Hospital, by the Tutor in Infectious Diseases.

6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Director-General of Medical Services and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

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## OF THE DEGREE OF BACHELOR OF MUSIC

## REGULATIONS

1. There shall be an Ordinary degree and an Honours degree of Bachelor of Music. A candidate may obtain either degree or both.
2. The course of study for the Ordinary degree shall extend over three academic years and that for the Honours degree over four academic years.
3. To qualify for the Ordinary degree a candidate shall complete three years of academic study and pass the examination proper to each year.
4. To qualify for the Honours degree a candidate shall:—
  - (a) pass at the first attempt and at distinction or credit standard the examinations prescribed for the Ordinary degree; provided that in exceptional cases the Faculty of Music may waive the requirement of passing at the first attempt;
  - (b) in the fourth year (i) satisfactorily complete a course of advanced study and (ii) submit a satisfactory composition, exercise or thesis the general nature of which has been approved in advance by the Faculty of Music;
  - (c) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.
5. Schedules defining the courses of study (including lectures, practical work, and examinations) to be undertaken and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and submitted to the Council for approval. Such schedules shall become effective from the date of approval by the Council or such other date as the Council may determine, and shall be published as soon as practicable after that approval has been given.
6. Except by permission of the Faculty of Music, a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.
7. The separate subjects which together comprise an academic year of study need not all be taken in one and the same year, nor need the examination in all the subjects of the academic year of study be passed at the same time; but except by special permission of the Faculty of Music a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year.
8. A candidate may be exempted by the Faculty of Music from attendance at lectures in any subject, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.
- (9) (a) The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be

eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done the written and practical work required to the satisfaction of the professors and lecturers concerned.

(b) The examination in a subject shall take the form prescribed in the syllabus. Written or practical work done by the candidates by direction of the professor or lecturer concerned, and the results of terminal or other examinations held during the year, may be taken into consideration at the final examination in any subject.

(c) There shall be three classifications of pass at each annual examination for the Ordinary degree as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; and the names of other candidates who pass shall be arranged in alphabetical order.

(d) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

- First Class
- Second Class
  - Division A
  - Division B.

10. (a) Only one attempt at the examination for the Honours degree will be allowed.

(b) A candidate who fails to pass in any subject for the Ordinary degree shall, before presenting himself again for examination, again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned unless granted exemption from doing so by the Faculty of Music.

(c) A candidate who has twice failed to pass the annual examination in any subject or division of a subject for the Ordinary degree may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty of Music and under such conditions as the Faculty may prescribe.

(d) For the purpose of sections (b) and (c) of this regulation a candidate who is refused permission to sit for examination, or who fails either to enter for or to attend an annual examination after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

11. (a) A candidate who, on account of illness or other sufficient cause allowed by the Faculty, is prevented from attending the whole or part of any annual examination may be permitted by the Faculty of Music to present himself for a supplementary examination.

(b) A candidate who presents himself at an annual examination for the Ordinary degree but fails to pass, may, on the recommendation of the Board of Examiners, be permitted by the Faculty of Music to present himself for a supplementary examination.

(c) A candidate shall not be re-examined at a supplementary examination in any subject in which he passed at the preceding annual examination.

12. A candidate who has passed equivalent examinations in the University or elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music may, on written application, be granted such exemption from the requirements of these Regulations as the Council may determine.

13. (a) A candidate who by March 31, 1965, had matriculated and completed at least one academic year of study for the degree of Bachelor of Music under the regulations in force in 1964 may complete his course under those regulations provided that he does so by December 31, 1969.

(b) A candidate may at any time apply for status under these regulations and shall be granted such status thereunder as the Faculty of Music may in each case determine.

Allowed 28th January, 1965.

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### Schedules made by the Council under Regulation 5

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### SCHEDULE I—THE ORDINARY DEGREE

1. Before admission to the course of study for the degree of Bachelor of Music, a candidate shall pass a special entrance examination appropriate to the School in which he wishes to enrol.

2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

3. A candidate shall satisfy the examiners in each of the following subjects:

- (a) Practice of Music I, II and III;
- (b) Theory of Music, I, II and III;
- (c) History of Music I, II and III;
- (d) Composition I, II and III; *or* Chief Practical Study I, II and III; *or* Musicology I, II and III; *or* a subject (other than Music I) available to candidates for the degree of Bachelor of Arts or Bachelor of Science together with Music in Education I and II.

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#### SCHEDULE II—THE HONOURS DEGREE

1. (a) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Music. A candidate who wishes to proceed to the Honours degree must apply in writing to the Registrar for permission to do so. Before granting such permission the Faculty will take into consideration the candidate's academic record up to the time of his application.

(b) A candidate shall undertake the final year's study for the degree on a full-time basis and shall not undertake any other study or work except with the permission of the Faculty of Music.

2. (a) A candidate for the Honours degree shall complete the full course of study prescribed for the Ordinary degree and shall undertake further studies at advanced level extending over one academic year and shall perform such other work as may be prescribed in each case by the Faculty of Music.

(b) At some time during his course, a candidate for the Honours degree shall regularly attend lectures and pass the examination in a subject (other than Music I, II or III) available to candidates for the degree of Bachelor of Arts or Bachelor of Science; provided that, in the case of candidates proceeding to the Honours degree in Music in Education, this requirement shall be additional to the subject prescribed for the Ordinary degree.

(c) The final Honours examination will comprise one of the following:

(i) Composition IV; or (ii) Chief Practical Study IV; or (iii) Musicology IV; or (iv) Music in Education III.

(d) A candidate for the Honours degree shall also either (i) submit not later than September 30 in the year in which he wishes to qualify for the degree a composition which is a major work or a group of works the general nature of which has been approved in advance by the Faculty of Music or a satisfactory thesis on a subject approved in advance by the Faculty of Music; or (ii) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work approved by the Faculty.

(e) A candidate shall submit with his composition or thesis a written declaration that the composition or thesis is entirely his own unaided work.

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#### SCHEDULE III—FEES

##### A. Ordinary degree of B.Mus.:

(a) For each year's work and examination	- - - -	\$300
(b) For a supplementary examination in any subject	- -	\$20
(c) For Chief Practical Study taken separately	- - -	\$150
(d) For each other subject taken separately (up to a maximum of the annual fee of \$300 for the full year's course)	-	\$84
(e) For a subject taken separately which is included in the Schedules for the degree of Bachelor of Arts or for the degree of Bachelor of Science: the fee prescribed in the relevant Schedule.		

##### B. Honours degree of B.Mus.:

For the Honours work and final Honours examination	-	\$300
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C. For admission to the degree	- - - - -	\$20
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## OF THE DEGREE OF BACHELOR OF PHARMACY.

## REGULATIONS.

1. There shall be an Ordinary degree of Bachelor of Pharmacy.
2. Schedules defining the courses of study including lectures, laboratory and other practical work to be undertaken, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and Applied Science and submitted to the Councils of the University and the South Australian Institute of Technology. Such Schedules shall become effective from the date of approval by both Councils or from such other date as the Councils may determine, and shall be published as soon as practicable after that approval has been given.
3. To qualify for the degree a candidate shall regularly attend lectures and do written, laboratory and other practical work, where such is required, and pass examinations in the subjects prescribed in the Schedules.
4. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not already completed the pre-requisite work as prescribed in the syllabus for that subject.
5. (a) Annual examinations shall be held towards the end of the academic year, except that practical examinations and the annual examination in a subject in which the course of instruction has been completed by the end of second term may be held at any convenient time fixed by the Faculty.  
(b) A candidate shall enter for examination on the form and by the date prescribed by the Council but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and done the written laboratory and other practical work, where required, to the satisfaction of the professors and lecturers concerned.  
(c) The examiners may take into consideration, at the final examination in any subject, a candidate's written and practical work in that subject during the year and his results at terminal or other examinations in the subject.  
(d) There shall be three classifications of pass at the annual examinations as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with distinction or with credit shall be arranged in order of merit within the classification and the names of other candidates who pass shall be arranged in alphabetical order; provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall be not classified at that annual examination.  
(e) A candidate will be permitted to take a supplementary examination only in special circumstances approved by the Faculty and then only if in the opinion of the examiner the candidate's previous work in the subject has been such as to indicate that he has a reasonable chance of passing the supplementary examination.

(f) A candidate who fails to pass at an annual examination shall, unless exempted wholly or partially therefrom by the Faculty, again attend lectures and laboratory and other practical work in the subjects of the examination before presenting himself again for the annual examination.

6. A candidate who has twice failed to pass an examination in any subject may not present himself again for instruction or examination therein except with the approval of the Faculty.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination, and the annual examination and the supplementary examination shall be deemed to be one examination.

7. A candidate who has passed examinations *in pari materia* within the University or at other approved universities or institutions and who desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Pharmacy shall, on written application to the Registrar, be granted such exemption from the requirements of these regulations as the Council shall determine.

8. These Regulations shall come into force at a date to be determined by the Council.\*

†9. Only those candidates who had entered upon the course for the degree in or before the academic year 1969 will be permitted to enrol in the course for the degree after December 31, 1969. Such students will be eligible to proceed to the degree under these Regulations provided that they qualify for the degree not later than March 31, 1976, unless the Council approve an extension of time in a particular case under Clause 5 of Chapter XXV of the Statutes.

Allowed 12th December, 1963.

† Amended 21st December, 1967.

\*NOTE: These Regulations shall come into force on January 1, 1965. The work for the first year of the course for the degree, as prescribed in the Schedules, will be available to candidates in the academic year 1965; the work for the second year of the course, as prescribed in the Schedules, will be available for the first time in 1966; and the work for the third year of the course, as prescribed in the Schedules, will be available for the first time in 1967.

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## Schedules made by the Council under Regulation 2 of the Degree of Bachelor of Pharmacy

### 1. COMPLETION OF SUBJECTS.

Except by permission of the Faculty, a candidate may not enrol for subjects in the second or third year of the course before he has passed the examinations in all the subjects prescribed in the Schedules for the previous year of the course.

## 2. APPROVAL OF SUBJECTS.

During the enrolment period, before the beginning of each academic year, each candidate must obtain the approval of the Director of Studies to enrol for the subjects he wishes to study.

## 3. SCHEDULE OF SUBJECTS.

To find the syllabuses of the subjects in these Schedules see Table of Subjects on page 1101.

FIRST YEAR					
Subject No. in Syllabus	Subject			Hours a week	Fee \$
TP01	Applied Physics I	Lectures		3	} 51
		Tutorial		1	
		Practical		2	
SZ71	Biology	Lectures		2	} 90
		Practical		6	
TH01	Chemistry I(T)	Lectures		3	} 57
		Tutorial		1	
		Practical		3	
TM91	Mathematics IB	Lectures		3	} 48
		Tutorials		2	
		A General Studies Elective (see Schedule 4)		Tutorials	
SECOND YEAR					
TH72	Chemistry IIA(T), Organic	Lectures		2½	} 57
		Practical		4½	
TF02	Pharmaceutical Chemistry I	Lectures		3 <sup>2</sup> , 4 <sup>1</sup>	} 60
		Practical		6 <sup>2</sup> , 5 <sup>1</sup>	
TF12	Pharmaceutics I	Lectures		4 <sup>2</sup> , 3 <sup>1</sup>	} 60
		Practical		6	
		A General Studies Elective (see Schedule 4)		Tutorials	
THIRD YEAR					
TF03	Pharmaceutical Chemistry II	Lectures		3 <sup>2</sup> , 2 <sup>1</sup>	} 60
		Practical		6	
TF13	Pharmaceutics II	Lectures		3	} 60
		Practical		7	
TF73	Physiology and Pharmacology	Lectures		2	} 45
		Practical		3 <sup>2</sup>	
TF83	Forensic Pharmacy and Pharmaceutical Practice	Lectures		2	} 36
		A General Studies Elective (see Schedule 4)		Tutorials	

## 4. GENERAL STUDIES ELECTIVE

In addition to passing in all of the subjects prescribed for each year of the course, each student must complete three of the following General Studies courses:

Subject No. in Syllabus	Subject
TG91	Social and Technological History
TG81	Literature and Society
TG71	History of Technology (C.E.)
TG61	History of Technology (S)
TG51	Science and Modern Society
TG41	German (Elementary)
TG31	Political Science
TG21	History of South-East Asia and Australia.

## 5. FEES

- For attendance at lectures, practical work and annual examinations the fees shall be those prescribed in the schedule of subjects above.
- For a special examination (theoretical or practical or both) in any subject - - - - - \$20
- For admission to the degree - - - - - \$20

## OF THE DEGREE OF BACHELOR OF SCIENCE

## REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Science. A candidate may obtain either degree or both.

2. The course of study for the Ordinary degree shall extend over three academic years and that for the Honours degree over four academic years.

3. (a) In these regulations and in schedules made under them by the Council the word "subject" means a course of study at the University normally completed in one academic year. In syllabuses, if the context so requires, it may mean alternatively a subject at one of the Public Examinations conducted by the University.

(b) The Council, after receipt of advice from the Faculty of Science, shall from time to time prescribe schedules defining (i) the subjects of study for the degree to be provided by the University, (ii) the range of subjects (including lecture courses, laboratory courses and other practical work) to be satisfactorily completed and the examinations to be passed by candidates, and (iii) the fees to be paid by candidates.

(c) Such schedules shall become effective from the date of prescription by the Council or such other date as the Council may fix.

(d) The syllabuses of subjects shall be specified by the Head of the Department concerned and submitted to the Faculty and the Council for approval.

(e) Schedules made and syllabuses approved by the Council shall be published in the next edition of the University Calendar.

4. Except by permission of the Faculty of Science, a candidate shall not be admitted to the class in any subject for which he has not satisfactorily completed the pre-requisite studies as prescribed in the syllabus for that subject.

5. (a) Except in cases approved by the Council, the annual examination in a subject shall be held soon after completion of the course of instruction in it. Terminal or other examinations during the course of instruction may be held at any time fixed by the examiner. Supplementary examinations, when granted, shall be held at such time as may be fixed, whether in term or in vacation.

(b) A candidate shall enter for examination on a form and by a date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a subject the examiners may take into account the candidate's written or practical work in the subject and his results at terminal or other examinations in it.

(d) A candidate will be permitted to take a supplementary examination only in special circumstances approved by the Faculty and then only if in the opinion of the examiner the candidate's previous work



in the subject has been such as to indicate that he has a reasonable chance of passing the supplementary examination.

†6. There shall be three classifications of pass at an annual examination in any subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the list of candidates who pass be published in two divisions, a pass in the higher division may be prescribed in the appropriate syllabuses as pre-requisite for admission to another subject. A candidate with a lower division pass who wishes to gain a higher division pass shall be allowed to repeat the subject once only.

\*7. (a) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professor and lecturers concerned unless exempted from doing so by the Faculty.

(b) A candidate who has twice failed to pass the examination in any subject may not enrol for the subject again except by permission of the Faculty and under such conditions as the Faculty may prescribe. For the purpose of this clause a candidate who fails to receive permission to sit for or absents himself from the examination in any subject after having attended substantially the full course of instruction in it, or who obtains a lower division pass, shall be deemed to have failed to pass the examination. A candidate who obtains a higher division pass only after a third attempt will not be permitted to enrol in a similar subject at a higher level, save in exceptional circumstances and with the permission of the Faculty.

\*\*8. (a) There shall be the following classifications for the Honours degree, and the names of successful candidates in each subject shall be published in alphabetical order within each classification:

- First Class
- Second Class
  - Division A
  - Division B.
- Third Class

(b) A candidate who fails to obtain one of the foregoing classifications at his first attempt shall not be permitted to present himself again for the examination.

9. Exemption from attendance at lectures or laboratory work or other practical work on the first occasion on which a candidate takes a subject will be granted only in special cases and on grounds approved by the Faculty.

10. A graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics may not proceed to the Honours degree of Bachelor of Science in that subject.

11. (a) A candidate who has completed equivalent work elsewhere may on application to the Registrar be granted such exemption from

† Amended 4th October, 1962.

Allowed 17th December, 1959.

\* Amended 4th November, 1965.

\*\* Amended 21st December, 1967.

the requirements of these regulations as the Faculty may recommend and the Council approve.

(b) A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Science and to count towards that degree subjects which he has already presented for another degree shall, subject to the approval of the Faculty, present a range of subjects which (i) fulfils in all respects the requirements of the Schedule made under Regulation 3 (b) (ii) above, and (ii) includes two Group C subjects not presented for any other degree.

#### FORESTRY

The Australian National University has established a four-year course leading to the degree of Bachelor of Science in Forestry. Adelaide students who have completed four first-year Science subjects including Chemistry I and Botany I may apply for admission to the second year of the course in Forestry in the Australian National University. Those who commenced their studies in the course for the ordinary degree of Bachelor of Science in the University of Adelaide may proceed to that degree by complying with the requirements of paragraph 6 of the Schedules of the degree of Bachelor of Science (see below).

Applications for admission to the A.N.U. Forestry course, together with documentary evidence of academic standing in the University of Adelaide, should be addressed to the Registrar, Australian National University, Canberra, A.C.T.

#### SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 3

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

##### I. THE ORDINARY DEGREE

##### *Definitions for the purposes of these Schedules*

- A Group A subject:* A first-year subject, equivalent to one-quarter of a year's work.
- A Group B subject:* A second-year subject, equivalent to one-third of a year's work.
- A Group C subject:* A third-year subject, equivalent to one-half of a year's work.  
Basically, a group of six units or three double-units.
- A Unit:* A course of lectures and practical work on a prescribed topic, normally spread over one term but equivalent to the work of half a term in one subject.
- A Group C(1) subject:* A subject which specifies six units in the same Department.
- A Group C(2) subject:* A subject which comprises four specified units in one Department and two specified units in another Department.
- A Group C(3) subject:* A subject comprising any four units in one Department with any two units in another Department.
- A Group D subject:* A double third-year subject, i.e., a subject equivalent to two Group C subjects.

A *Group E subject*: A subject which, when taken with another subject or subjects in a combination approved under Clause 5 of these Schedules, forms part of a composite subject approved *in lieu* of a Group C subject.

1. The subjects of study for the Ordinary degree shall be as follows:

*Group A*: Biology, Botany I, Chemistry I, Geology I, Mathematics I, Mathematics IS, Physics I, Psychology I, Zoology I.

*Group B*: Applied Mathematics II, Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II, Mathematical Statistics I, Organic Chemistry II, Physical and Inorganic Chemistry II, Physics II, Physiology I, Psychology I(S), Pure Mathematics II, Zoology II.

*Group C*: (1) Applied Mathematics III, Biochemistry II, Botany III, Computing Science IIIA, Computing Science IIIB, Genetics II, Geology III, Geology IIIA, Histology, Mathematical Physics A, Mathematical Physics B, Mathematical Statistics II, Microbiology, Organic Chemistry III, Physical and Inorganic Chemistry IIIB, Physics III, Physics IIIB, Physiology II, Physiology IIA, Physiology IIB, Psychology IIS, Pure Mathematics III, Zoology III, Zoology IIIA, Zoology IIIB, Zoology IIIC.

(2) Biochemistry IIA, Biochemistry IIB, Biochemistry IIC, Botany IIIA, Microbiology A, Microbiology B, Organic Chemistry IIIA, Organic Chemistry IIIB, Organic Chemistry IIIC.

(3) Biochemistry IIM, Botany IIIM, Computing Science IIIM, Organic Chemistry IIIM, Physical and Inorganic Chemistry IIIM, Physiology IIM, Zoology IIIM.

*Group D*: Geology IIIB, Geology IIIC, Geology IIID, Honours Mathematics III, Physical and Inorganic Chemistry IIIA.

*Group E*: Agriculture I, Botany IIP, Geography IIC, Palaeontology, Soil Science I, Soil Science IA, Soil Science IB.

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in Clauses 4, 5 and 6 below, satisfactorily complete the following range of subjects:

(a) four subjects from Group A; two of which must be chosen from Chemistry I, Physics I and *either* Mathematics I *or* Mathematics IS;

(b) either three subjects from Group B, or two subjects from Group B and a fifth subject from Group A;

(c) *either*

(i) two subjects from Group C(1) provided that no part of the work is common to both subjects;

*or*

(ii) one subject from Group C(1) and one subject from Group C(2), provided that no part of the work in the Group C(2) subject is common with the Group C(1) subject;

*or*

(iii) with approval of the Faculty, one subject from Group C(1) and one subject from Group C(3), provided that no part of the work of the Group C(3) subject is common with the Group C(1) subject;

or

(iv) one Group D subject.

3. Except with the special permission of the Faculty, a candidate shall not be permitted to enrol in a Group C subject until he has completed all the Group A subjects he intends to present for the degree under Sections (a) and (b) of Clause 2.\*

4. The following combinations of subjects shall not be presented:

Biology and *either* Botany I *or* Zoology I;  
 Botany II and Botany IIP;  
 Mathematics IS and Mathematics I;  
 Chemistry II and *either* Physical and Inorganic Chemistry II *or* Organic Chemistry II;

5. The following modifications to Clause 2 above may be made provided that no subject is counted twice or as forming part of the requirements from more than one Group:

(a) A candidate may present one of the following combinations of subjects *in lieu* of a subject from Group C:

Palaeontology and Genetics I;  
 Palaeontology and Botany IIP;  
 Palaeontology and Zoology II.

(b) Subject to the approval of the Faculty in each case a candidate who presents *either* Botany III *or* Zoology III may present the following combination of subjects instead of a second subject from Group C: *either* Soil Science IA, Geography IIC in the Faculty of Arts, and one subject from Group B *or* Soil Science IB and Geography IIC.

(c) Subject to the approval of the Faculty a candidate who presents Genetics II may present the following combination of subjects instead of a second subject from Group C: Soil Science I, Agriculture I and Botany II.

6. Only those candidates who had entered the course for the Ordinary degree of Bachelor of Science in Forestry before July, 1967, will be permitted to enrol for that degree after December, 1967. Unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes, such candidates shall, before March, 1971:

(a) Subject to the provisions of Clause 5 fulfil the requirements of sections (a) and (b) of Clause 2, including within those requirements the subjects Botany I and Botany II;

(b) During the long vacations at the end of the first and second years, satisfactorily complete a total of not less than twelve weeks' work in the field under a forest authority approved by the Faculty;

\* *Note:* The provision implies that a candidate who has enrolled in a Group C subject will require special permission of the Faculty to enrol subsequently in a Group A subject, required for the degree.

- (c) Subsequently complete a two years' course in the Department of Forestry at the Australian National University, in accordance with a syllabus approved by the Council;
- (d) Present evidence satisfactory to the Council (i) of having satisfactorily completed the work at the Australian National University and (ii) of having subsequently had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry: provided that any forestry experience gained in the vacations during his course of studies at the University of Adelaide or at the Australian National University may be counted as part of the twelve months.

7. Applications for approval under Clause 3, Section (c) of Clause 2, and Sections (b) and (c) of Clause 5 above shall be submitted in writing to the Academic Registrar.

8. A candidate may also qualify for the degree of Bachelor of Science by passing in two subjects from Group C in addition to satisfactorily completing the following subjects in the course for the degree of Bachelor of Engineering in Electrical Engineering:

Mathematics I\*  
 Physics I and II  
 Chemistry I  
 Pure Mathematics II  
 Applied Mathematics II  
 Electrical Engineering I and II  
 Workshop Practice (Vacation course)

*Either* Graphics, Strength of Materials, and Engineering Drawing and Design, *or* Engineering I and II(E), *or* by passing in Organic Chemistry II or Pure Mathematics II and two subjects from Group C in addition to satisfactorily completing the following subjects in the course for the degree of Bachelor of Engineering in Chemical Engineering:

Mathematics I\*  
 Physics I  
 Chemistry I  
 Applied Mathematics II  
 Physical and Inorganic Chemistry II  
 Engineering I and II(H)  
 Chemical Engineering IIA and IIB.

\* Candidates who have passed Mathematics I (Engineering) under previous regulations and schedules will be granted status in Mathematics I.

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## II. THE HONOURS DEGREE

1. A candidate may, subject to approval by the Head of the Department concerned, proceed to the Honours degree in one of the following subjects:

Biochemistry  
 Botany  
 Computing Science.  
 Genetics  
 Geology

Mathematical Physics  
 Mathematics  
 Microbiology  
 Organic Chemistry  
 Pharmacology  
 Physical and Inorganic Chemistry  
 Physics  
 Physiology  
 Psychology  
 Statistics  
 Zoology

2. A candidate for the Honours degree in any subject shall not begin final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Science and has completed all the courses in that subject prescribed for the Ordinary degree and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

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### III. FEES

#### A. Ordinary degree of B.Sc.:

- (a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination in a subject taken separately:
- |  |           |          |
|--|-----------|----------|
| For a subject in Group A   | - - - - - | \$90     |
| For a subject in Group B   | - - - - - | \$120    |
| For a subject in Group C   | - - - - - | \$172.50 |
| For a subject in Group D   | - - - - - | \$345    |
| For a composite subject <i>in lieu</i> of a subject from Group C | - - - - - | \$172.50 |

- (b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$345.

- (c) For a special examination in any subject - - - \$20

#### B. Honours degree of B.Sc.:

For the final-year Honours work in any subject - - - \$300

*Note:* The foregoing amount, which does not include the fees for pass work, is inclusive of all fees payable for courses taken at the University, which the Faculty deems necessary for the Honours course in the School selected.

C. For Science German - - - - - \$15

D. For admission to the degree - - - - - \$20

*Notes:* 1. The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 690.

2. The fees for the course in Forestry at the Australian National University are not included in this Schedule.

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## OF THE DEGREE OF BACHELOR OF TECHNOLOGY

## REGULATIONS

1. There shall be an Ordinary degree of Bachelor of Technology.

\*2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and Applied Science and submitted to the Councils of the University and the South Australian Institute of Technology.

Such schedules shall become effective as from the date of approval by both Councils or such other date as the Councils may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. (a) To qualify for the degree of Bachelor of Technology a candidate shall regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed for one of the following Technological courses:

Building Technology,  
Civil Engineering,  
Electrical Engineering,  
Electronic Engineering,  
Mechanical Engineering,  
Surveying,

\*(b) Before being admitted to the degree a candidate shall also satisfy the Faculty of Technology and Applied Science that he has fulfilled the requirements in practical experience that are prescribed in the schedule relating thereto.

4. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

† Amended 15th January, 1959, 17th December, 1959, 16th March, 1961, 4th October, 1962, 4th April, 1963, 22nd December, 1966.

\* Amended 12th December, 1963, and 28th January, 1965.

\*\* (d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

† (e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty of Technology and Applied Science. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

\* (g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

7. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

\* \* 8. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Technology may on application be granted such exemption from the requirements of the regulations as the Councils shall determine.

§ 9. Only those candidates who had entered upon the course for the degree in or before the academic year 1969 will be permitted to enrol in the course for the degree after December 31, 1969. Such students will be eligible to proceed to the degree under these Regulations provided that they qualify for the degree not later than March 31, 1976, unless the Council approve an extension of time in a particular case under Clause 5 of Chapter XXV of the Statutes.

Allowed 20th December, 1956.

\* Allowed 9th January, 1958.

† Amended 12th December, 1963.

\*\* Amended 22nd December, 1966.

§ Amended 21st December, 1967.



## Schedules made by the Council under Regulation 2 of the Degree of Bachelor of Technology.

### 1. APPROVAL OF COURSES

Each candidate must obtain the approval of the Director of Studies of the Faculty for his proposed course of study.

### 2. ARRANGEMENT OF COURSES

The course shall occupy three years of full-time study. Details of these courses are set out in Clauses 5 to 10.

The first year of each of the courses set out in Clauses 5 to 10 will be offered for the first time in 1967, the second year in 1968 and the third year in 1969.

To find the syllabuses of the subjects in Clauses 5 to 10 see Table of Subjects on page 1101.

### 3. COMPLETION OF SUBJECTS

Except by permission of the Faculty, a candidate may not enrol for subjects in the second or third year of the course before he has passed the examinations in all of the subjects prescribed in the Schedules for the previous year of the course.

### 4. CONTINUATION OF COURSES OFFERED PRIOR TO 1967

Beginning on January 1, 1967, new courses for the degree of Bachelor of Technology have been established. All students enrolling in the Bachelor of Technology courses for the first time in 1967 or later must enrol in the new courses unless permission of the Faculty of Technology and Applied Science has previously been given.

Students who before the beginning of the academic year 1967 were enrolled in the Bachelor of Technology course will continue in the old courses except that:—

- (a) any student who wishes to transfer to the new courses may apply to the Faculty of Technology and Applied Science for permission to do so and will be granted such status in the course as the Faculty may determine; and
- (b) students enrolled in the old courses who have not passed in the first-year subjects by February 28, 1969, the second-year subjects by February 28, 1971, and the third-year subjects by February 28, 1973, will be required to transfer to the new courses.

Part-time students who may be unable to complete the old courses by February 28, 1973, are advised to transfer to the new courses as early as possible.

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5. BUILDING TECHNOLOGY

(a) *Old Course*

SECOND YEAR

(To be offered for the last time in 1970)

TM42	Applied Mathematics (T) ... ..	Lectures ...	3	}	45
		Tutorial ...	1		
TD02	Building Science II(T) ... ..	Lectures ...	2 <sup>2</sup> , 1 <sup>1</sup>	}	45
		Practical ...	1		
TD12	Building Construction and Drawing II ...	Lectures ...	1	}	45
		Practical ...	2		
TD32	Building Administration I ... ..	Lectures ...	2 <sup>1</sup> , 1 <sup>2</sup>	}	36
TD22	Quantity Surveying II ... ..	Lectures ...	2		
TV12	Structures IA(T) ... ..	Lectures ...	3	}	48
		Practical ...	2		
TC62	Surveying IB ... ..	Lectures ...	1	}	45
		Practical ...	3		
TD82	History of Building ... ..	Lectures ...	1	}	36
		Practical ...	1		
	Vacational Report (First)				

THIRD YEAR

(To be offered for the last time in 1972)

TD03	Building Science III(T) ... ..	Lectures ...	2	}	45
		Practical ...	3 <sup>1</sup>		
TD13	Building Construction and Drawing III ...	Lectures ...	1	}	51
		Practical ...	5		
TD33	Building Administration II ... ..	Lectures ...	2	}	48
		Practical ...	3		
	<i>either</i>				
TD23	Quantity Surveying III ... ..	Lectures ...	3	}	45
	<i>or</i>				
TU94	Supervision—Human Relations <i>and</i> Building Administration III	Lectures ...	1½	}	36
TD43		Lectures ...	1½		
TD93	Design of Structures ... ..	Lectures ...	1	}	45
		Practical ...	3		
TD73	Estimating and Costing ... ..	Lectures ...	2	}	36
TA83	Bookkeeping and Accounts ... ..	Lectures ...	2		
	Vacational Report (Second)				

(b) *New Course*

FIRST YEAR

TM91	Mathematics IB ... ..	Lectures ...	3	}	48
		Tutorial ...	2		
TP91	Applied Physics IR ... ..	Lectures ...	2	}	48
		Tutorial ...	1		
		Practical ...	2		
TH81	Engineering Chemistry and Materials	Lectures ...	2	}	48
		Practical ...	3		
TB21	Tectonics I ... ..	Lectures ...	3	}	60
		Tutorial ...	1		
		Practical ...	6		
	A General Studies Elective (see Schedule 13)	Tutorials ...	2		36

## SCHEDULES—DEGREE OF B.TECH.

		SECOND YEAR			Hours	Fee
Subject No. in Syllabus	Subject				a week	\$
TB02	Building Science IR	Lectures	...	2	}	48
		Practical	...	3		
TB12	Design of Structures IR	Lectures	...	1	}	45
		Tutorial	...	1		
		Practical	...	2		
TB22	Tectonics IIB	Lectures	...	2	}	60
		Practical	...	7		
TC62	Surveying IB	Lectures	...	1	}	45
		Practical	...	3		
TB92	Building Law	Lectures	...	2	}	45
		Tutorial	...	1		
	A General Studies Elective (see Schedule 13)	Tutorials	...	2		36
	Vacational Report (First)					
		THIRD YEAR				
TB03	Building Science IIR	Lectures	...	2	}	48
		Practical	...	3		
TB13	Design of Structures IIR	Lectures	...	1	}	45
		Tutorial	...	1		
		Practical	...	2		
TB23	Tectonics IIIB	Lectures	...	2	}	57
		Practical	...	5		
TA93	Building Accountancy	Lectures	...	2	}	45
		Tutorials	...	2		
TM83	Contract Programming	Lectures	...	2	}	48
		Tutorial	...	1		
		Practical	...	2		
	A General Studies Elective (see Schedule 13)	Tutorials	...	2		36
	Vacational Report (Second)					

## 6. CIVIL ENGINEERING

## (a) Old Course

		SECOND YEAR				
(To be offered for the last time in 1970)						
Subject No. in Syllabus	Subject					
TM71	Mathematics I (Engineering)	Lectures	...	3	}	48
		Tutorials	...	2		
TM42	Applied Mathematics (T)	Lectures	...	3	}	45
		Tutorial	...	1		
TV02	Structures I(T)	Lectures	...	3	}	57
		Practical	...	4		
TV21	Surveying I(T)	Lectures	...	2	}	51
		Tutorial	...	1		
		Practical	...	3		
TC73	Hydraulics (T)	Lectures	...	1	}	36
		Practical	...	3 <sup>1</sup>		
TJ12	Engineering Drawing and Design II	Lectures	...	1	}	45
		Practical	...	3		
	Vacational Report (First)					

THIRD YEAR

(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Hours	Fee
TV03	Structures II(T)	Lectures .. 1 Practical .. 7	} 60
TV33	Civil Engineering A	Lectures .. 3 Seminar .. 1 Practical .. 4	
TV43	Civil Engineering B	Lectures .. 4 Practical .. 3	} 57
TD83	Methods of Construction and Management	Lectures .. 1	
TE83	Electrical Engineering IIA(T)	Lectures .. 2 Practical .. 2	} 45
TC82	Survey Camp Vacational Report (Second)		

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures .. 3 Tutorials .. 2	} 48
TP01	Applied Physics I	Lectures .. 3 Tutorial .. 1 Practical .. 2	
TH81	Engineering Chemistry and Materials	Lectures .. 2 Practical .. 3	} 48
TK61	Engineering Mechanics IA	Lectures .. 2 Tutorial .. 1 Practical .. 1 <sup>1</sup>	
TC61	Civil Drawing	Practical .. 3	} 45
TK71	Basic Engineering Techniques (Part Course)	Lectures .. 1 Practical .. 3 <sup>1</sup>	
	A General Studies Elective (see Schedule 13)	Tutorials .. 2	36

SECOND YEAR

TM02	Mathematics IIA	Lectures .. 3 Tutorials .. 2	} 48
TC12	Civil Engineering IIA(T)	Lectures .. 2 Tutorials .. 2 Practical .. 3	
TC22	Civil Engineering IIB(T)	Lectures .. 3 Tutorial .. 1 Practical .. 3 <sup>2</sup>	} 51
TC01	Surveying I	Lectures .. 2 Tutorial .. 1 Practical .. 3 <sup>2</sup>	
TE72	Electrical Engineering SC(T)	Lectures .. 1 Practical .. 2 <sup>2</sup>	} 45
	A General Studies Elective (see Schedule 13) Vacational Report (First)	Tutorials .. 2	

THIRD YEAR

TC13	Civil Engineering IIIA(T)	Lectures .. 3 Tutorials .. 3 <sup>1</sup> Practical .. 2	} 51
TC23	Civil Engineering IIIB(T)	Lectures .. 4 Tutorials .. 3	
TC33	Civil Engineering IIIC(T)	Lectures .. 3 Practical .. 3 <sup>2</sup>	} 48
TC93	Structural Design	Practical .. 4	
TC53	Engineering Computations	Lectures .. 1 Practical .. 2	} 45
	A General Studies Elective (see Schedule 13)	Tutorials .. 2	
TC82	Survey Camp Vacational Report (Second)		20

## 7. SURVEYING

(a) *Old Course*

## SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	.....	.....	Lectures	...	3	}	48
				Tutorials	...	2		
TM42	Applied Mathematics (T)	.....	.....	Lectures	...	3	}	45
				Tutorial	...	1		
TV22	Surveying II	.....	.....	Lectures	...	2	}	48
				Practical	...	3		
TV92	Surveying Computations	.....	.....	Lectures	...	3		45
TD92	Town Planning Practice I	.....	.....	Lectures	...	1		27
TV82	Astronomy	.....	.....	Lectures	...	2	}	48
				Practical	...	3		
TD62	Applied Geology and Economic Geography	.....	.....	Lectures	...	1		27
TD72	Building Construction and Drawing IA	.....	.....	Lectures	...	1	}	45
				Practical	...	2		
TC82	Survey Camp	.....	.....					20
	Vacational Report (First)							

## THIRD YEAR

(To be offered for the last time in 1972)

TV83	Soils Investigations	.....	.....	Lectures	...	1 <sup>2</sup> , 2 <sup>1</sup>	}	48
				Practical	...	3		
TV53	Land Surveying Design and Drafting	.....	.....	Practical	...	3		45
TC83	Photogrammetry	.....	.....	Lectures	...	3	}	60
				Practical	...	6		
TC63	Geodesy	.....	.....	Lectures	...	3	}	51
				Practical	...	3		
TV93	Surveying Law	.....	.....	Lectures	...	2		36
TV73	Planning Law	.....	.....	Lectures	...	1		27
TV63	Land Valuation—Principles and Practice	.....	.....	Lectures	...	1		36
TC73	Hydraulics (T)	.....	.....	Lectures	...	1	}	36
				Practical	...	3 <sup>1</sup>		
	Vacational Report (Second)							

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	.....	.....	Lectures	...	3	}	48
				Tutorials	...	2		
TP01	Applied Physics I	.....	.....	Lectures	...	3	}	51
				Tutorial	...	1		
				Practical	...	2		
TC01	Surveying I	.....	.....	Lectures	...	2	}	51
				Tutorial	...	1		
				Practical	...	3		
TN12	Applied Geology I	.....	.....	Lectures	...	2	}	51
				Tutorial	...	1		
				Practical	...	3		
	A General Studies Elective (see Schedule 13)	.....	.....	Tutorials	...	2		36

		SECOND YEAR					
Subject No. in Syllabus	Subject				Hours a week	Fee \$	
TM02	Mathematics IIA	.....	.....	.....	Lectures ... 3 Tutorials ... 2	}	48
TC02	Surveying IIA	.....	.....	.....	Lectures ... 2 Tutorials ... 3 Practical ... 3		
TC72	Surveying IIB	.....	.....	.....	Lectures ... 4 Tutorials ... 3 Practical ... 3	}	60
TB82	Land Use	.....	.....	.....	Lectures ... 1		
TC92	Cartography	.....	.....	.....	Practical ... 4		45
	A General Studies Elective (see Schedule 13)	.....	.....	.....	Tutorials ... 2		36
TC82	Survey Camp	.....	.....	.....			20
	Vacational Report (First)						

## THIRD YEAR

TC03	Surveying III	.....	.....	.....	Lectures ... 4 $\frac{1}{2}$ Practical ... 2 $\frac{1}{2}$	}	34
TC63	Geodesy	.....	.....	.....	Lectures ... 3 Tutorials ... 3		
TC83	Photogrammetry	.....	.....	.....	Lectures ... 3 Practical ... 6	}	60
TC43	Engineering (T)	.....	.....	.....	Lectures ... 2 Tutorial ... 1 Practical ... 3		
	A General Studies Elective (see Schedule 13)	.....	.....	.....	Tutorials ... 2		36
	Vacational Report (Second)						

## 8. ELECTRICAL ENGINEERING

## (a) Old Course

## SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	.....	.....	.....	Lectures ... 3 Tutorials ... 2	}	48
TM42	Applied Mathematics (T)	.....	.....	.....	Lectures ... 3 Tutorial ... 1		
TE22	Electrical Engineering II(T)	.....	.....	.....	Lectures ... 2 Practical ... 2	}	45
TK32	Mechanical Engineering A(T)	.....	.....	.....	Lectures ... 2 Tutorial ... 1 Practical ... 2 <sup>a</sup>		
TJ82	Strength of Materials (T)	.....	.....	.....	Lectures ... 2 Practical ... 3	}	48
TJ12	Engineering Drawing and Design II	.....	.....	.....	Lectures ... 1 Practical ... 3		
	Vacational Report (First)						

## THIRD YEAR

(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TE23	Electrical Engineering III(T)	Lectures ... 2	45
		Practical ... 2	
TE73	Automatic Control	Lectures ... 1	45
		Practical ... 3	
TL53	Applied Electronics	Lectures ... 1	45
		Practical ... 2	
TJ83	Machine Design	Lectures ... 2	45
		Practical ... 3 <sup>2</sup>	
TJ33	Workshop Practice II	Lectures ... 1	45
		Practical ... 3	
TT82	Engineering Materials	Lectures ... 2	45
		Practical ... 2	
	Vacational Report (Second)		

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	Lectures ... 3	48
		Tutorials ... 2	
TP01	Applied Physics I	Lectures ... 3	51
		Tutorial ... 1	
		Practical ... 2	
TH81	Engineering Chemistry and Materials	Lectures ... 2	48
		Practical ... 3	
TE91	General Electrical Engineering A	Lectures ... 1	36
TK81	Basic Engineering Techniques	Tutorial ... 1	45
		Lectures ... 3	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36

## SECOND YEAR

TM12	Mathematics IIB	Lectures ... 2	45
		Tutorials ... 2 <sup>2</sup>	
TE02	Electrical Engineering IA	Lectures ... 2	48
		Tutorial ... 1	
		Practical ... 2	
TE12	Electrical Engineering IB	Lectures ... 2	45
		Practical ... 2	
TK92	Mechanical Design S	Lectures ... 1	48
		Tutorial ... 1	
		Practical ... 3	
TK82	Thermo-Fluid Dynamics I	Lectures ... 2	48
		Tutorial ... 1	
		Practical ... 2 <sup>2</sup>	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36
	Vacational Report (First)		

## THIRD YEAR

TE03	Electrical Engineering IIA	Lectures ... 3	48
		Practical ... 2	
TE13	Electrical Engineering IIB	Lectures ... 2	57
		Tutorial ... 1	
		Practical ... 4	
		Lectures ... 1	
TE93	Automatic Control I	Tutorial ... 1	45
		Practical ... 2	
		Lectures ... 1	
TM13	Mathematics IIC	Lectures ... 1	36
		Tutorial ... 1 <sup>3</sup>	
TL53	Applied Electronics	Lectures ... 1	45
		Practical ... 2	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36
	Vacational Report (Second)		

## 9. ELECTRONIC ENGINEERING

(a) *Old Course*

## SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	.....	.....	Lectures	...	3	}	48
				Tutorials	...	2		
TE22	Electrical Engineering II(T)	.....	.....	Lectures	...	2	}	45
				Practical	...	2		
TL32	Communication Engineering I	.....	.....	Lectures	...	3	}	51
				Tutorial	...	1		
				Practical	...	2		
TL82	Applied Electronics (Short Course)	.....	.....	Lectures	...	1 <sup>2</sup>	}	80
				Practical	...	2 <sup>2</sup>		
TP72	Electron Physics	.....	.....	Lectures	...	1	}	45
				Tutorial	...	1		
				Practical	...	1		
TT82	Engineering Materials	.....	.....	Lectures	...	2	}	45
				Practical	...	2		
	Vacational Report (First)							

## THIRD YEAR

(To be offered for the last time in 1972)

TE23	Electrical Engineering III(T)	.....	.....	Lectures	...	2	}	45
				Practical	...	2		
TL33	Communication Engineering II	.....	.....	Lectures	...	2	}	51
				Tutorial	...	1		
				Practical	...	3		
TE73	Automatic Control	.....	.....	Lectures	...	1	}	45
				Practical	...	3		
TL63	Electronic Engineering Design	.....	.....	Lectures	...	1	}	45
				Practical	...	2		
TL73	Electronic Measurements	.....	.....	Lectures	...	1	}	45
				Practical	...	2		
TL93	Pulse Techniques	.....	.....	Lectures	...	2	}	48
				Tutorial	...	1		
				Practical	...	2		
	Vacational Report (Second)							

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	.....	.....	Lectures	...	3	}	48
				Tutorials	...	2		
TP01	Applied Physics I	.....	.....	Lectures	...	3	}	51
				Tutorial	...	1		
				Practical	...	2		
TH81	Engineering Chemistry and Materials	.....	.....	Lectures	...	2	}	48
				Practical	...	3		
TE91	General Electrical Engineering A	.....	.....	Lectures	...	1	}	36
				Tutorial	...	1		
TK81	Basic Engineering Techniques	.....	.....	Lectures	...	1	}	45
				Practical	...	3		
	A General Studies Elective (see Schedule 13)	.....	.....	Tutorials	...	2		36



		SECOND YEAR					
Subject No. in Syllabus	Subject		Hours a week			Fee \$	
TM2	Mathematics IIB	Lectures	2	}		45	
		Tutorials	2 <sup>a</sup>				
TF92	Physics IIE	Lectures	2 <sup>1</sup> , 1 <sup>2</sup>	}		51	
		Tutorial	1				
		Practical	3				
TE82	Electrical Engineering SE(T)	Lectures	2	}		45	
		Practical	2				
TL02	Electronic Engineering IA	Lectures	2	}		48	
		Tutorial	1				
		Practical	2				
TL12	Electronic Engineering IB	Lectures	2	}		48	
		Tutorial	1				
		Practical	2				
	A General Studies Elective (see Schedule 13)	Tutorials	2			36	
	Vacational Report (First)						
		THIRD YEAR					
TM13	Mathematics IIC	Lectures	1	}		36	
		Tutorials	1 <sup>2</sup>				
TL03	Electronic Engineering IIA	Lectures	2	}		51	
		Tutorial	1				
		Practical	3				
TL13	Electronic Engineering IIB	Lectures	2	}		51	
		Tutorial	1				
		Practical	3				
TL23	Electronic Engineering IIC	Lectures	1	}		51	
		Tutorial	1				
		Practical	4				
TE93	Automatic Control I	Lectures	1	}		45	
		Tutorial	1				
		Practical	2				
	A General Studies Elective (see Schedule 13)	Tutorials	2			36	
	Vacational Report (Second)						

## 10. MECHANICAL ENGINEERING

### (a) Old Course (Course A)

		SECOND YEAR					
		(To be offered for the last time in 1970)					
TM71	Mathematics I (Engineering)	Lectures	3	}		48	
		Tutorials	2				
TJ92	Engineering Dynamics I	Lectures	2	}		45	
		Tutorial	1				
TK32	Mechanical Engineering A(T)	Lectures	2	}		48	
		Tutorial	1				
		Practical	2 <sup>a</sup>				
TJ82	Strength of Materials (T)	Lectures	2	}		48	
		Practical	3				
TJ12	Engineering Drawing and Design II	Lectures	1	}		45	
		Practical	3				
TT82	Engineering Materials	Lectures	2	}		45	
		Practical	2				
	Vacational Report (First)						

## THIRD YEAR

(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Lectures	Practical	Hours a week	Fee \$
TE83	Electrical Engineering IIA(T)	2	2	2	45
	<i>either</i>				
TL53	Applied Electronics	1	2	2	45
	<i>or</i>				
TI84	Process Control (T)	1	3	3	45
TJ03	Mechanical Engineering III(T)	2	3	3	48
TJ93	Machine Design Project	2	3	3	48
TJ33	Workshop Practice II	1	3	3	45
TT74	Metal Fabrication	1			36
TT94	Foundry Practice	1	3	3	45
	Vacational Report (Second)				

(b) *New Course*

## FIRST YEAR

TM01	Mathematics IA	Lectures	3	2	48
		Tutorials			
TP01	Applied Physics I	Lectures	3	1	51
		Tutorial			
		Practical		2	
TH81	Engineering Chemistry and Materials	Lectures	2	3	48
		Practical			
TK01	Engineering Mechanics I	Lectures	2 <sup>2</sup>	1 <sup>1</sup>	45
		Tutorial		1 <sup>1</sup>	
		Practical			
TK91	Engineering Drawing	Practical	3		45
TK11	Engineering Manufacturing Practice I	Lectures	1	3	45
		Practical			
	A General Studies Elective (see Schedule 13)	Tutorials	2		36

## SECOND YEAR

TM12	Mathematics IIB	Lectures	2	1 <sup>2</sup>	45
		Tutorials			
TK82	Thermo-Fluid Dynamics I	Lectures	2	1	45
		Tutorial		3 <sup>2</sup>	
		Practical			
TK02	Engineering Mechanics II	Lectures	4	3	57
		Practical			
TK22	Mechanical Design I	Lectures	1	3	45
		Tutorial			
TK12	Production Technology I(T)	Lectures	2	3	48
		Practical			
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (First)				

## THIRD YEAR

TM13	Mathematics IIC	Lectures	1	}	36
		Tutorials	1 <sup>2</sup>		
TK33	Thermo-Fluid Dynamics II	Lectures	2	}	45
		Tutorials	1 <sup>2</sup>		
		Practical	3 <sup>2</sup>		
TK03	Engineering Mechanics III	Lectures	1	}	36
		Tutorial	1		
TK23	Mechanical Design II	Lectures	1	}	36
		Tutorial	1		
TK13	Production Technology II(T)	Lectures	2	}	45
		Tutorials	1 <sup>1</sup>		
		Practical	3 <sup>2</sup>		
TK93	Mechanical Engineering Projects	Practical	6	}	51
TK83	Electrical and Civil Engineering (S)	Lectures	3		
		Practical	2	}	48
	A General Studies Elective (see Schedule 13)	Tutorials	2		
	Vacational Report (Second)				36

## (c) Old Course (Course B)

## SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	Lectures	3	}	48
		Tutorials	2		
TM42	Applied Mathematics (T)	Lectures	3	}	45
		Tutorial	1		
TI92	Chemistry I(T)-Organic	Lectures	1	}	45
		Practical	3 <sup>2</sup>		
TJ22	Refrigeration Engineering II	Lectures	2	}	45
		Practical	2		
TJ12	Engineering Drawing and Design II	Lectures	1	}	45
		Practical	3		
TJ82	Strength of Materials (T)	Lectures	2	}	48
		Practical	3		
	Vacational Report (First)				

## THIRD YEAR

(To be offered for the last time in 1972)

TJ23	Refrigeration Engineering III	Lectures	2	}	48
		Practical	3 <sup>2</sup>		
TE83	Electrical Engineering IIA(T)	Lectures	2	}	45
	<i>either</i>	Practical	2		
TL53	Applied Electronics	Lectures	1	}	45
		Practical	2		
TA73	Principles of Business and Industry A	Lectures	2		36
	<i>or</i>				
TI84	Process Control (T)	Lectures	1	}	45
		Practical	3		
TJ03	Mechanical Engineering III(T)	Lectures	2	}	48
		Practical	3		
TT82	Engineering Materials	Lectures	2	}	45
		Practical	2		
TJ33	Workshop Practice II	Lectures	1	}	45
		Practical	3		
	Vacational Report (Second)				

11. APPLIED PHYSICS

Old Course

SECOND YEAR

(To be offered for the last time in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM32	Applied Mathematics II(T)	Lectures ... 3	} 48
		Tutorials ... 2	
TM62	Mechanics (T)	Lectures ... 1	} 36
		Tutorial ... 1	
TP12	Applied Physics IA	Lectures ... 3	} 60
		Practical ... 5	
TP22	Applied Physics IB	Lectures ... 2	} 57
		Tutorial ... 1	
		Practical ... 4	
TE62	Electrical Engineering Circuits	Lectures ... 2	} 45
		Practical ... 2	
Vacational Report (First)			

THIRD YEAR

(To be offered for the last time in 1972)

TP13	Applied Physics IIA	Lectures ... 3	} 60
		Practical ... 5	
TP23	Applied Physics IIB	Lectures ... 3	} 60
		Practical ... 5	
TI93	Industrial Instrumentation A	Lectures ... 2	} 51
		Practical ... 4	
TT82	Engineering Materials	Lectures ... 2	} 45
		Practical ... 2	
Vacational Report (Second)			

12. PRACTICAL EXPERIENCE

To fulfil the requirements in respect of practical experience required under Regulation 3(b) a candidate shall:

- (a) submit two reports satisfactory to the Faculty on work that he has undertaken during vacations, each report covering a period of not less than two months and at least one period being spent in work related to the student's professional interests; or
- (b) submit a report satisfactory to the Faculty on work relevant to his professional interests that he has undertaken for at least six months in full-time employment.

The service of the student must be certified by the student's employer during the period concerned.

A student who had entered upon the course for the degree in or before 1964 may fulfil the requirements relating to practical experience by submitting evidence satisfactory to the Faculty of his having had six months' practical experience in work relevant to his professional interests.

13. GENERAL STUDIES ELECTIVE

In addition to passing in all of the subjects prescribed for each year of the course, each student must complete three of the following General Studies courses:

Subject No. in Syllabus	Subject
TG91	Social and Technological History
TG81	Literature and Society

TG71	History of Technology (C.E.)
TG61	History of Technology (S)
TG51	Science and Modern Society
TG41	German (Elementary)
TG31	Political Science
TG21	History of South-East Asia and Australia

## 14. SCHEDULE OF FEES

- A. For attendance at lectures, practical work and annual examination in any subject: the fee prescribed in the schedule of subjects.
- B. For a special or supplementary examination (theoretical or practical, or both) in any subject - - - - - \$20
- C. For admission to the degree - - - - - \$20
-

## 2. REGULATIONS AND SCHEDULES FOR MASTER DEGREES

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE  
DEGREE OF MASTER

## I. GENERAL

(Applicable to candidates in the Faculties of Agricultural Science, Architecture, Arts, Economics, Engineering, Medicine and Science.)

1. The attention of candidates is drawn to Clause 2B of Chapter XXV of the Statutes and to the Regulations and Schedules of the degrees to which they are proceeding.

2. The subject of the thesis must be approved by the appropriate Faculty and may not be altered without the permission of the Faculty.

3. A candidate for the degree of Master in the Faculties of Agricultural Science, Architecture, Arts, Economics, Engineering (under Regulation 3 of the degree of M.E.), Medicine and Science pursues a course of research under the direction of a supervisor who will report to the appropriate Faculty annually or whenever the supervisor considers that the candidate is not making satisfactory progress in his work.

4. It is the duty of the candidate to keep his supervisor fully informed of the progress of his research and to consult him about future work and about the general planning of his thesis.

5. The function of the supervisor is not to plan at all directly the work that the research student should do, but rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent the student's own work, assisted only by the general aid obtained by discussion with his supervisor as to the most satisfactory methods of developing and presenting his material. For a candidate whose mother tongue is not English, some help with the syntax may be given with the approval of the supervisor.

6. If more than one supervisor is appointed by the Faculty, the candidate shall consult all such supervisors on all matters of general concern to his work and thesis.

7. The responsibility for the layout of the thesis rests with the candidate after discussion with his supervisor. Before commencing to write his thesis a candidate should discuss its appropriate length with his supervisor; and the completed thesis should be shown to the supervisor before presentation for examination.

## II. SPECIFICATIONS FOR THESES

(Applicable to candidates in all Faculties.)

1. *Preparation.*

Candidates may find the following publications useful for consultation before writing theses:

Scientific Theses

Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., 1953).

- Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O., Division of Building Research, 1955).
- Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt, Brace, 1955).
- Conference of Biological Editors, Committee on Form and Style. *Style manual for biological journals* (American Institute of Biological Sciences, 1960).
- Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, 1958).
- Royal Society of London, *General notes on the preparation of scientific papers*, 2nd edition (The Society, 1965).
- "Suggestions to authors", *Journal of Physiology*, v. 182, 1966: 1-33.

#### Other Theses

- Clark, G. K., *Guide for research students working on historical subjects* (Cambridge University Press, 1959).
- Crutchley, B., *Preparation of manuscripts and correction of proofs*, 3rd edition (Cambridge University Press, 1965).
- Hook, L., and Gaver, M. V., *The research paper*, 3rd edition (Prentice-Hall, 1962).
- La Nauze, J. A., *Presentation of historical theses* (Melbourne University Press, 1966).
- Parker, W. R., *The MLA style sheet*, revised edition (Modern Language Association of American, 1964).
- Seeber, E. D., *A style manual for students, based on the MLA style sheet* (Indiana University Press, 1964).
- Turabian, K. L., *A manual for writers of term papers, theses and dissertations*, 3rd edition (University of Chicago Press, 1967).
- Wiles, R. M., *Scholarly reporting in the humanities*, 3rd edition (University of Toronto Press, 1961).

## 2. Typing.

(a) A thesis should be typed on quarto paper on one side of the paper only with double spacing, but in exceptional circumstances and with the approval of the Librarian other forms of presentation may be permitted.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate in the following order (i) a title page giving the title of the thesis in full, the names and degrees of the candidate, the name of the organization, institute or laboratory in which the research was carried out, the names of the Department of the University associated with the work and the date when submitted for the degree; (ii) a table of contents; (iii) a summary in not more than 500 words; (iv) a signed statement to the effect that the thesis contains no material which has been accepted for the award of any other degree or diploma in any University and that, to the best of the candidate's knowledge and belief, the thesis contains no material previously published or written by another person, except when due reference is made in the text of the thesis;° (v) the main text; (vi) appendices, if any; (vii) bibliography.

° The attention of candidates for the degree of Master of Surgery is drawn to Regulation 5 of that degree.

### 3. *Diagrams and Figures.*

The following are general suggestions for normal practice but they may be varied in special cases with the approval of the Librarian:

- (a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper (photographs should not be affixed to quarto paper) and bound in the appropriate place in the text.
- (b) All figures should form a right-hand page with the legend either at the bottom or, if necessary, on the page facing the figures.
- (c) Tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.
- (d) Diagrams, maps, tables, etc., exceeding quarto size, should be folded so as to read as a right-hand page when open.

### 4. *Binding.*

(a) The thesis must be sewn and bound with stiff covers covered with dark cloth. (A loose-leaf binder of the spring-type or screw-type is not acceptable.)

(b) During binding the edges should be trimmed.

(c) On the spine of the thesis should be given, in gold lettering of suitable size, reading from the bottom to the top, the surname of the candidate and the title of the thesis, abbreviated if necessary.

(d) When published papers are submitted as additional evidence they should be bound in the back of the thesis as an appendix.

### 5. *Availability.*

(a) Three bound copies of the thesis, including the top typewritten copy (or approved alternative), and two additional loose copies of the summary should be lodged with the Registrar. If the thesis is accepted for the award of the degree the Registrar will distribute two copies, including the top copy, to the University Library, and one copy to the Head of the appropriate University Department.

(b) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(c) Subject to the author's consent, the thesis will be available for photo-copying.

(d) The author will be asked after the award of the degree to give his consent to (b) and (c) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(e) If the author's consent is not given to section (b) the thesis will in any case become available for loan two years after the award of the degree.

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## OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE

## REGULATIONS

\*1. (a) Subject in each case to the applicant's academic qualifications being accepted by the Faculty of Agricultural Science as sufficient, the following persons may become candidates for the degree of Master of Agricultural Science: (i) Bachelors of Agricultural Science; (ii) other graduates.

(b) Subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

2. A candidate who holds the Honours degree of Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Agricultural Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor: no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

3. Subject to conditions to be determined in each case, a graduate of a University recognised by the University of Adelaide may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions in Agricultural Science in support of his candidature.

5. Unless the candidate has obtained the Honours Degree of Bachelor of Agricultural Science, he shall, before submitting his thesis as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

§6. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Agricultural Science, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than *three* terms and, except by special permission of the Faculty, not later than *nine* terms after approval by the Faculty of the subject of his research.

\* Amended 16th March, 1961, and 4th October, 1962.

§ Amended 4th October, 1962.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

†8. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.\*

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall, on the recommendation of the Faculty of Agricultural Science, be admitted to the degree of Master of Agricultural Science.

‡10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡ Allowed 18th October, 1956.

† Allowed 16th March, 1961.

Allowed 14th December, 1960.

\* These directions are published on page 613.

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#### Schedule of Fees prescribed by the Council under Regulation 10

A. On approval of the subject of the thesis	- - -	\$10
B. Annual Registration Fee:		
For full-time work in the University	- - -	\$150
For part-time work in the University	- - -	\$51
For external work	- - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required		\$30
D. On admission to the degree	- - -	\$30

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OF THE DEGREE OF MASTER OF APPLIED SCIENCE  
REGULATIONS

1. The following persons may become candidates for the degree of Master of Applied Science: (a) Bachelors of Applied Science, (b) Bachelors of Engineering, (c) Bachelors of Science, and (d) other graduates whose academic qualifications are accepted by the Faculty of Engineering as sufficient:

Provided that, subject to the approval of the Council, the Faculty of Engineering may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

2. Unless the candidate has obtained the Honours degree of Bachelor of Applied Science or of Engineering or of Science, he shall, before submitting his thesis as provided for in Regulation 5, pass such qualifying examination as the Faculty of Engineering may in the circumstances deem proper.

3. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Engineering as equivalent to one of the qualifications required in Regulation 1, may be allowed by the Council to proceed to the degree in compliance with these Regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide, or at an institution approved for the purpose by the University of Adelaide.

4. A candidate who holds the Honours degree of Bachelor of Applied Science or Bachelor of Engineering or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Applied Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

5. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature.

6. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Engineering, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the subject of his research.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

8. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

9. A candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.\*

10. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Engineering be admitted to the degree of Master of Applied Science.

11. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Allowed 4th October, 1962.

\* These directions are published on page 613.

#### Schedule of Fees prescribed by the Council under Regulation 11

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	\$30
D. On admission to the degree - - - - -	\$30

## OF THE DEGREE OF MASTER OF ARCHITECTURE

## REGULATIONS

1. There shall be a degree of Master of Architecture.
2. A candidate for the degree shall either:
  - (a) have been admitted to the degree of Bachelor of Architecture in the University of Adelaide; or
  - (b) have been admitted to another degree in the University of Adelaide or to a degree in another university recognised by the University of Adelaide, the qualifications of which degree are considered by the Faculty of Architecture and Town Planning to be equivalent for the purpose to those of the degree of Bachelor of Architecture.
3. To qualify for the degree a candidate shall prepare a thesis, embodying the results of original research or investigation made by him into an architectural topic which has been approved in advance by the Faculty, which he has prepared under the guidance of and in regular consultation with a supervisor or supervisors appointed by the Faculty.
4. Before approving the topic of his proposed research or investigation, the Faculty may require a candidate to pursue for not more than one calendar year under the supervision of a supervisor or supervisors appointed by the Faculty, and pass examinations in, advanced courses related to his field of study.
5. Unless the Faculty approve an extension of time in a particular case, a candidate shall submit the thesis not earlier than one calendar year and not later than three calendar years from the date of approval of the topic.
6. If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress, the Faculty may, with the consent of the Council, withdraw its approval of his candidature, and the candidate shall cease to be enrolled for the degree.
- \*7. A candidate shall lodge with the Registrar three copies of his thesis, prepared in accordance with directions given to candidates from time to time.
8. The Faculty shall nominate examiners of the thesis, of whom at least one shall be external. The examiners may recommend that the thesis:
  - (a) be accepted; or
  - (b) be accepted subject to the candidate passing an examination in the field of study immediately relevant to the subject of his thesis; or
  - (c) be returned to the candidate for revision and re-submission (within such period of time as the Faculty may allow); or
  - (d) be rejected.

9. A candidate for the degree of Doctor of Philosophy whose work is considered by the Faculty, after report by the examiners appointed to adjudicate on it, not to be of sufficient merit to qualify him for that degree, but of sufficient merit to qualify him for the degree of Master of Architecture, may be admitted to the degree of Master provided that he is otherwise qualified to become a candidate for the degree.

10. A candidate who complies with the foregoing conditions and satisfies the examiners may be admitted to the degree of Master of Architecture.

11. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Allowed 21st December, 1967.

\* These directions are published on page 613.

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**Schedule of Fees Prescribed by the Council under Regulation 11.**

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	\$30
D. On admission to the degree - - - - -	\$30

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OF THE DEGREE OF MASTER OF ARTS  
REGULATIONS

1. (a) A Bachelor of Arts may proceed to the degree of Master of Arts by complying with these regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one year from the date of his admission to the Honours degree of Bachelor of Arts.

(b) Subject to the approval of the Council, the Faculty may accept as a candidate for the degree, on such conditions (if any) as it may impose in each case, a person who (i) holds the degree of Bachelor of Arts or its equivalent in a university recognised for the purpose by the University of Adelaide, and (ii) satisfies the requirements of Regulation 2.

(c) Subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty for his fitness to undertake work for the degree.

2. A candidate for the degree shall first satisfy the Faculty of his ability to proceed to the degree in the subject of study he selects. To do so he must:

- (a) have obtained the Honours degree of Bachelor of Arts in a school to which his subject of study relates; or
- (b) have passed in all the courses for the Ordinary degree that are compulsory for the Honours degree of Bachelor of Arts, and in addition an examination of Honours standard, in a school or schools to which his subject of study relates; or
- (c) submit other evidence that satisfies the Faculty that his case deserves special approval.

3. Every candidate shall either:

- (a) present a satisfactory thesis on a subject approved by the Faculty of Arts and (if required) adduce sufficient evidence that the thesis is his own work; provided that in Classics a candidate shall present himself for an examination in addition to presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each case, that he has completed a course of advanced study in work selected from two departments within the Faculty and approved by the Faculty.

A candidate who wishes to proceed to the degree in a course of study selected from two departments shall, after consultation with the Heads of the Departments concerned, apply in writing to the Registrar for permission so to proceed and shall state in his application the course which he wishes to undertake.

4. (a) On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.\*

\* These directions are published on page 613.

(b) Unless the Faculty expressly approve an extension of time in a particular case the thesis shall be submitted within nine terms, but not earlier than three terms, from the date of approval of the candidate's subject by the Faculty.

(c) On submission of the thesis, the Faculty shall nominate examiners.

(d) The examiners may require a candidate to take an examination, written or oral or both, in the field of study immediately relevant to the subject of his thesis.

5. The fees to be paid by candidates shall be prescribed from time to time by the Council, and the schedule of fees so prescribed shall be published in the University Calendar.

6. A candidate who fulfils the requirements of these regulations and satisfies the examiners under Regulation 4 shall on the recommendation of the Faculty be admitted to the degree of Master of Arts.

Allowed 12th December, 1963.

Notes (not forming part of the Regulations):

1. The attention of a candidate for the degree under the Regulations superseded by these regulations is drawn to Clause 11 of Chapter XXV of the Statutes, under which he must complete his qualifications for the degree under the superseded regulations within three years of the repeal of those regulations.
2. For the purpose of section (b) of Regulation 3 the Faculty is willing to consider applications for permission to take combined courses; such applications shall be made in the first instance to the Heads of the Departments concerned.

#### Schedule of Fees prescribed by the Council under Regulation 5

##### A. Under Regulation 2(b) and (c):

(i) For internal study for all work required:

By full-time study for one year - - - -	\$180
By part-time study extending over at least two years, annually - - - -	\$90

(ii) For external study of all work required - - - - \$90

##### B. Under Regulation 3:

On approval of the subject of the thesis or of the course of study - - - - \$10

##### C. Under Regulation 3:

Annual Registration Fee:

For full-time work in the University - - - -	\$150
For part-time work in the University - - - -	\$51
For external work - - - -	\$30

##### D. Under Regulation 3:

On submission of the thesis for examination or re-examination - - - - \$30

Provided that for a candidate in Classics the fee of \$30 shall include also the fee for the examination required.

E. For admission to the degree - - - - \$30



OF THE DEGREE OF MASTER OF BUSINESS  
MANAGEMENT

REGULATIONS

1. There shall be a degree of Master of Business Management.

‡2. A candidate for admission to the course of study for the degree shall:

- (a) be a graduate of the University of Adelaide (or of another university recognised for the purpose by the University of Adelaide);
- (b) have had at least two years' experience in business, public service or other field of employment approved by the Faculty of Economics before commencing Part II of the course;
- (c) obtain the approval of the Faculty of Economics for his candidature.

3. The maximum number of candidates which may be enrolled in any course for the degree shall be determined from time to time by the Council on the recommendation of the Faculty of Economics; and courses will not be provided unless a sufficient number of students has enrolled.

‡4. To qualify for the degree a candidate shall:

- (a) attend classes and pass at the first attempt examinations in courses as prescribed in the schedules; and
- \*\* (b) subsequently, as prescribed in the schedules, present a satisfactory dissertation of masterate standard on a subject approved by the Faculty of Economics.

5. If in the opinion of the Faculty of Economics a candidate for the degree is not making satisfactory progress the Faculty may with the consent of the Council withdraw its approval of his candidature and the candidate shall cease to be enrolled for the degree.

6. A candidate shall not be permitted to present himself for examination, unless he has regularly attended the prescribed classes and has completed satisfactorily such written and practical work as may be required.

7. The Faculty of Economics shall appoint a Board of Examiners to conduct the examinations required under Regulation 4.

\*\*8. On completion of his work the candidate shall lodge with the Registrar three copies of his dissertation prepared in accordance with directions given to candidates from time to time.\*

‡9. Schedules defining the courses of study for the degree, the examinations to be passed and the fees to be paid by candidates

Allowed 16th March, 1961.

‡ Allowed 12th December, 1963; further amendment awaiting allowance at time of printing.

‡ Amended 12th December, 1963. \* These directions are published on page 613.

\*\* Amended 22nd December, 1966.

shall be drawn up from time to time by the Faculty of Economics and approved by the Council.

10. A candidate who complies with the foregoing conditions and satisfies the examiners shall, on the recommendation of the Faculty of Economics, be admitted to the degree.

11. These regulations shall come into force at a date to be determined by the Council.††

†† The Council authorised the Regulations to come into force on January 1, 1962.

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### Schedules made by the Council under Regulations 4 and 9

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### SCHEDULE I: COURSES OF STUDY

1. A candidate for the degree of M.B.M. shall complete and pass examinations in the following subjects or their equivalents (at Division I or higher standard where appropriate):

*Part I:*

Accounting (Business Management) *or* Management Accounting  
*or* Engineering Management together with Investment Planning and Business Finance;

Economics (Engineering) *or* Economics I;

Economics Statistics I *or* Mathematical Statistics I;

Mathematics (Economics) *or* Mathematics I;

Social and Political Institutions and Thought.

*Part II:*

Business Statistics;

Decision-making.

Economic and Accounting Analysis;

Economic Institutions and Policy\*;

Human Relations;

2. Except in special cases approved by the Faculty, a candidate shall not be admitted to Part II of the course unless his work and results in Part I have been deemed satisfactory by the Faculty of Economics.

3. Except in special cases approved by the Faculty, a candidate for the degree by part-time study shall plan his studies so that all the courses in Part II are completed within two years, each year's programme being subject to the approval of the Faculty.

4. Each candidate will be required to undertake during University vacations such studies as may be prescribed.

5. The dissertation shall be submitted within two calendar years, but not earlier than twelve months, from the date of passing the examinations under Clause 1 of this schedule or from the date of approval of the subject of the dissertation whichever is the later.

\* It is the intention of the Faculty that a graduate who holds the Honours degree of Bachelor of Economics shall be given status in this subject.

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SCHEDULE II: FEES

A. For each seminar course	- - - - -	\$60
For the subject Investment Planning and Business Finance		\$45
B. On approval of the subject of the dissertation	- - -	\$10
C. Annual Registration Fee for dissertation work:		
For full-time work in the University	- - - - -	\$150
For part-time work in the University	- - - - -	\$51
For external work	- - - - -	\$30
D. On submission of the dissertation for examination or re-examination	- - - - -	\$30
E. For admission to the degree	- - - - -	\$30

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## OF THE DEGREE OF MASTER OF DENTAL SURGERY

## REGULATIONS

1. (a) The following persons may apply to be accepted as candidates for the degree of Master of Dental Surgery under these Regulations:

- i. A person who has qualified for the degree of Bachelor of Dental Surgery in the University of Adelaide; or
- ii. A graduate in Dentistry of another University, whose degree has a course-content accepted by the Faculty as equivalent to that of the degree of Bachelor of Dental Surgery in the University of Adelaide.

(b) Subject to the approval of the Council the Faculty may in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, provided that he holds a dental qualification for which he has followed a course of study acceptable to the Faculty and has given evidence of his fitness to undertake work for the degree.

2. (a) A candidate shall not be admitted to the degree before the expiration of nine academic terms from the date of his qualifying for the Ordinary degree of Bachelor of Dental Surgery, or six academic terms from the date of his qualifying for the Honours degree.

(b) In the case of a graduate in Dentistry of another University, or of a person accepted under Regulation 1(b), the appropriate number of terms shall be calculated from the date of his admission to the qualification accepted by the Faculty.

3. Unless an applicant has obtained the Honours degree of Bachelor of Dental Surgery or has a degree accepted by the Faculty of Dentistry as equivalent to the Honours degree he shall, before being permitted to proceed to the degree under Regulation 6 or Regulation 7, pass a qualifying examination of a standard equivalent to the Honours degree.

4. A candidate may qualify for the degree either (a) by examination, under Regulation 6; or (b) by thesis, or by thesis and examination, under Regulation 7.

5. (a) Every applicant who wishes to be accepted as a candidate for the degree shall apply to the Registrar in such form, and by such date, if any, as the Faculty shall prescribe. He shall submit with his application

- i. details of his qualifications to be a candidate;
- ii. a statement indicating whether he proposes to proceed by examination under Regulation 6 or by thesis under Regulation 7;
- iii. *either*: if he proposes to proceed under Regulation 6, the section of dentistry selected by him;  
*or*: if under Regulation 7, the subject of his proposed research or investigation and, if applicable, the section of dentistry selected by him.

(b) If the applicant is required, under Regulation 3, to pass a qualifying examination the Faculty shall approve the scope of that examination, and the means by which it shall be conducted; and the applicant shall be informed accordingly.

(c) If the Faculty of Dentistry is satisfied that the applicant

- i. is eligible, under Regulations 1 and 3, to be a candidate; and
- ii. is well equipped to proceed to the degree in the manner which he proposes,

it may accept him as a candidate. It may also approve the section of dentistry in which he elects to be examined under Regulation 6 or his subject under Regulation 7 as the case may be.

6. (a) To qualify for the degree under this Regulation a candidate shall pass at one examination, not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the section of dentistry in which he is to be examined, in

i. the section of dentistry selected by him and approved by the Faculty; and

ii. such aspects of related subjects as the Faculty shall approve.

(b) The scope of the course of study in preparation for the examination shall be determined by the Head of the Department of Dental Science.

(c) The examination shall be held, if required, in November of each year. It shall be conducted by means of written papers, *viva voce* examinations, and practical and clinical examinations, or by any one or more of these methods as the Faculty may approve.

(d) A candidate shall enter for the examination in the manner, and by the date, prescribed by the Council.

(e) As part of the examination in the approved section of dentistry a candidate shall submit three typed copies of a report on any practical work carried out by him. These copies shall be submitted before the candidate is admitted to the remaining sections of the examination.

7. (a) To qualify for the degree under this Regulation a candidate shall submit a thesis on an approved subject and shall produce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged.

(b) Every candidate or intending candidate shall give to the Faculty, in writing, at least three terms' notice of his intention to submit a thesis, and shall indicate therein in general terms the subject of his research or investigation.

(c) The Faculty, if it approve the subject, shall appoint a supervisor to guide the candidate in his work.

(d) A candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty, of the subject of his research or investigation.

(e) On completion of his research or investigation the candidate shall lodge with the Registrar three copies of his thesis prepared in

accordance with the directions given to candidates from time to time.\* The Faculty of Dentistry shall nominate examiners of the thesis, of whom at least one shall be an external examiner.

(f) A candidate proceeding to the degree by thesis may apply for permission to submit the thesis in partial fulfilment of the requirements of the degree and in addition to undergo an examination in the subject of or in subjects cognate to his thesis, or an examination in a section of dentistry selected by him and approved by the Faculty. Such examination shall be conducted, by examiners appointed by the Faculty, by such means as the Faculty may approve.

8. For each candidate the Faculty shall appoint an Examining Committee which shall

- (a) if the candidate is proceeding under Regulation 6: conduct the examinations prescribed in that Regulation;
- (b) if the candidate is proceeding under Regulation 7: consider the reports of the examiners of the thesis, and the results of the examination, if any;
- (c) submit to the Faculty a report with recommendations.

9. After considering the report and recommendations of the Examining Committee, the Faculty may recommend that the candidate

- (a) be awarded the degree; or
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Faculty may allow); or
- (c) be not awarded the degree.

10. The fees to be paid by candidates shall be prescribed from time to time by the Council; and a schedule of fees so prescribed shall be published in the University Calendar.

11. All Regulations hitherto in force concerning the degree of Master of Dental Surgery are hereby repealed. A candidate enrolled for the degree under the Regulations hereby repealed may *either*

- (a) complete the requirements of the degree under those Regulations, provided that he do so by December, 31, 1969; *or*
- (b) be granted such status under these Regulations as the Council on the recommendation of the Faculty of Dentistry shall decide.

Allowed 22nd December, 1966.

\* These directions are published on page 613.

*Footnote to Regulation 3 (not forming part of the Regulation):*

It is the intention of the Faculty of Dentistry that the Honours degree of Bachelor of Dental Surgery should be the normal avenue of entry to candidature for the degree of Master of Dental Surgery.

It should be noted that the scope and standard of the qualifying examination will be equivalent to that for the Honours degree of Bachelor of Dental Surgery, which requires one year of full-time work.

*Footnote to Regulation 6 (not forming part of the Regulation):*

Candidates are strongly advised to seek employment under conditions approved by the Faculty.

**Schedule of Fees prescribed by the Council under Regulation 11**

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required - - - - -	\$30
D. On admission to the degree - - - - -	\$30

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## OF THE DEGREE OF MASTER OF ECONOMICS

## REGULATIONS

1. (a) The Faculty of Economics may accept as a candidate for the degree any graduate who:

- (i) has obtained the Honours degree of Bachelor of Economics of the University of Adelaide with First or Second-Class Honours; or
- (ii) has obtained an Honours degree of another University, which degree the Faculty regards as being equivalent to a First or Second-Class Honours degree in Economics of the University of Adelaide.

(b) The Faculty of Economics may accept provisionally as candidates for the degree other graduates of the University of Adelaide or of other Universities whose qualifications satisfy the Faculty that they are likely to be able satisfactorily to undertake the work for the degree.

(c) A provisionally-accepted candidate shall, within such time as the Faculty shall in each case prescribe or allow, undertake an approved course of advanced study and pass an examination at First or Second-Class Honours standard before his acceptance as a candidate will be confirmed. Failure to pass the qualifying examination at the required standard at the first attempt shall, unless the Faculty decides otherwise, cancel the provisional acceptance.

(d) A candidate shall not be admitted to the degree before the expiration of one year from his admission to the Honours degree specified in section (a) (i) above, or to the degree which the Faculty accepts as equivalent thereto under section (a) (ii) above, or before the expiration of two academic years from his admission to the degree accepted by the Faculty under section (b) above.

2. A candidate may qualify for the degree by *either*:

(a) satisfactorily completing an approved programme of research work on an approved topic and submitting a satisfactory thesis thereon; *or*

- (b) (i) passing an examination set after completion of an approved course of postgraduate study; and
- (ii) satisfactorily completing an approved programme of research work on an approved topic and submitting a satisfactory dissertation thereon.

3. (a) A graduate who wishes to become a candidate for the degree shall apply to the Registrar indicating in general terms the subject of any research work to be undertaken, and where applicable, his proposed course of study for examination.

(b) If it accepts him, provisionally or otherwise, as a candidate for the degree, the Faculty may appoint a supervisor to guide him in his work.



4. A candidate's progress shall be reviewed by the Faculty at the end of each academic year. If, in the opinion of the Faculty of Economics, a candidate is not making satisfactory progress the Faculty may, with the consent of the Council, withdraw its approval of his candidature and the candidate shall cease to be enrolled for the degree.

5. On completion of his work, the candidate shall lodge with the Registrar three copies of his thesis or dissertation prepared in accordance with directions given to candidates from time to time.\*

6. The Faculty shall appoint examiners to report upon the thesis or dissertation. The examiners shall report to the Faculty and may recommend (i) that the degree be awarded; or (ii) that the thesis or dissertation be returned to the candidate for revision and resubmission; or (iii) that the degree be not awarded.

7. A candidate who complies with all the foregoing conditions and satisfies the examiners of his thesis or dissertation may, on the recommendation of the Faculty of Economics, be admitted to the degree.

8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

\* These directions are published on page 613.

Allowed 22nd December, 1966.

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#### Schedule of Fees prescribed by the Council under Regulation 8

A. Under Regulations I(c) and 2(b)(i):	
(i) For internal study for all work required:	
By full-time study for one year	- - - - \$180
By part-time study extending over at least two years,	
annually	- - - - \$90
(ii) For external study of all work required	- - - - \$90
B. On approval of the subject of the thesis or dissertation	- \$10
C. Annual Registration Fee for thesis or dissertation work:	
For full-time work in the University	- - - - \$150
For part-time work in the University	- - - - \$51
For external work	- - - - \$30
D. On submission of the thesis or dissertation for examination or re-examination	- - - - \$30
E. For admission to the degree	- - - - \$30

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OF THE DEGREE OF MASTER OF EDUCATION  
REGULATIONS

1. There shall be a degree of Master of Education.
- §2. A candidate for admission to the course for the degree shall:
  - (a) have been admitted to a degree of the University or to a degree of another University accepted for the purpose by the University; and
  - (b) hold the Diploma in Education of the University or a qualification accepted by the University as equivalent; and
  - (c) have had at least three years' experience in teaching or in some other educational work approved by the University, unless the Faculty of Arts, on the recommendation of the Department of Education, allows a curtailment of one or two years for a candidate who has shown exceptional promise in his course for the Diploma in Education.
- †3. To qualify for the degree a candidate shall:
  - (a) satisfactorily complete a course of study extending over at least one year of full-time study or at least two years of part-time study; and
  - (b) subsequently either present a satisfactory thesis on a subject approved by the Faculty of Arts, or present a satisfactory dissertation on a subject approved by the Faculty of Arts and also be examined on a second subject approved by the Faculty of Arts.
4. Schedules defining the course of study and prescribing the fees to be paid by candidates shall be drawn up from time to time by the Faculty of Arts and shall be approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.
5. A candidate for the degree by part-time study shall be examined in any year in not more than half the subjects of the course of study.
- †6. A candidate shall, within six months from the date of satisfactorily completing the course of study, submit for approval by the Faculty of Arts the subject of his thesis or the subject of his dissertation and the subject on which he desires to be examined. The Faculty shall appoint a supervisor to guide the candidate in his work.
- †7. A candidate shall present his thesis, or submit his dissertation and take the examination on his approved subject, within four calendar years, but not earlier than one calendar year, from the date of the approval of his subject or subjects by the Faculty.
8. On completion of his work the candidate shall lodge with the Registrar three copies of the thesis or of the dissertation prepared in accordance with directions given to candidates from time to time.\*
- †9. (a) The Faculty of Arts shall appoint examiners of the thesis or of the dissertation and the approved subject, of whom at least one shall be an external examiner.

Allowed 16th March, 1961.

\* These directions are published on page 613.

† Amended 22nd December, 1966.

§ Amendment awaiting allowance at time of printing.

(b) At the discretion of the examiners a candidate may be examined orally on his thesis or on his dissertation and may also be required to pass a written examination connected with the subject of his thesis or of his dissertation.

10. A candidate who desires that examinations which he has passed in the University or in another University should be counted *pro tanto* for the degree of Master of Education, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who complies with the foregoing conditions and satisfies the examiners shall, on the recommendation of the Faculty of Arts, be admitted to the degree of Master of Education.

#### Schedules made by the Council under Regulation 4

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### SCHEDULE I: COURSES OF STUDY

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

Theory of Education II;  
Sociology of Education II;  
Educational Psychology II;  
History of Education II; *or* Comparative Education; *or*  
History and Theory of Science.

#### SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject prescribed in Schedule I	-	\$42
B. For an annual examination in a subject prescribed in Schedule I with exemption from attendance or re-attendance at lectures	- - - - -	\$21
C. For a special examination in a subject prescribed in Schedule I	- - - - -	\$15
D. On approval of the subject of the thesis, or the subjects of the dissertation and examination	- - - - -	\$10
E. Annual Registration Fee for work on the thesis or for work for the dissertation and examination:		
For full-time work in the University	- - - - -	\$150
For part-time work in the University	- - - - -	\$51
For external work	- - - - -	\$30
F. On submission of the thesis or the dissertation, including entry for the associated examination	- - - - -	\$30
G. On submission of the thesis or dissertation for re-examination, or on entry for any further examination required	-	\$30
H. For admission to the degree	- - - - -	\$30

OF THE DEGREE OF MASTER OF ENGINEERING  
REGULATIONS

1. The following persons may be candidates for the degree of Master of Engineering—

(a) *To proceed under Regulation 3:*

(i) a candidate who has qualified in the University of Adelaide for the Honours degree of Bachelor of Engineering or for the Ordinary degree of Bachelor of Engineering at a standard which the Faculty deems sufficiently high; or

(ii) a candidate who holds in another University a qualification accepted by the Faculty of Engineering as equivalent to the Honours degree of Bachelor of Engineering in the University of Adelaide; or

(iii) a candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide and has had at least three years of appropriate practical engineering experience approved by the Faculty.

(b) *To proceed under Regulation 4:*

a candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide: provided that a candidate who has qualified for only the Ordinary Degree in the University of Adelaide may not present a thesis relating to research work carried out by him in a department of the University of Adelaide unless he had had three years' post-graduate professional experience before commencing his research in the Department.

2. Subject to the approval of the Council, the Faculty may, in special cases, and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree under Regulation 3 a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

3. To qualify for the degree under this Regulation a candidate shall—

(a) after consultation with the Head of the Department in which the work falls, submit in writing for approval by the Faculty a subject of advanced full-time study and research designed to extend over at least one calendar year;

(b) after approval of the subject by the Faculty undertake, within the University of Adelaide and under the direction of a supervisor or supervisors appointed by the Faculty, the course of advanced study and research;

(c) if so required by the Faculty pass an examination on his course of advanced study;

(d) present a thesis embodying the results of his research; and

(e) submit evidence satisfactory to the Faculty that he has had at least two years' appropriate practical engineering experience.

4. To qualify for the degree under this Regulation a candidate shall—

- (a) submit in writing for approval by the Faculty of Engineering the subject on which he proposes to present a thesis;
- (b) not earlier than three academic terms after approval of the subject by the Faculty present a thesis which may be (i) an original design for some engineering work, or (ii) an account, giving evidence of ability on the part of the candidate to cope successfully with engineering difficulties, of some engineering work for the design or construction of which the candidate has been largely responsible, or (iii) an account of some original enquiry or investigation made by him into some matter connected with engineering;
- (c) if so required by the Faculty, adduce evidence to its satisfaction of the originality of, and the degree of his responsibility for, his design or thesis;
- (d) if so required by the Faculty pass an examination, written or oral or both, in the field of study immediately relevant to his thesis; and
- (e) submit evidence satisfactory to the Faculty that he has had at least three years' practical experience in appropriate engineering work.

5. (a) On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.†

(b) Unless the Faculty expressly approve an extension of time in a particular case the thesis shall be submitted within twelve academic terms from the date of approval of the candidate's subject by the Faculty.

(c) On submission of the thesis the Faculty shall nominate examiners, who may recommend that the thesis—

- (i) be accepted; or
- (ii) be sent back to the candidate for revision; or
- (iii) be rejected.

6. The fees to be paid by candidates shall be prescribed from time to time by the Council, and the schedule of fees so prescribed shall be published in the University Calendar.

7. A candidate who fulfils the requirements of these regulations and satisfies the examiners under Regulation 5 may on the recommendation of the Faculty be admitted to the degree of Master of Engineering.

Allowed 12th December, 1963

NOTE: A candidate who had been accepted as a candidate for the degree under the Regulations operative prior to the allowance of these Regulations may under Clause 11 of Chapter XXV of the Statutes seek permission, by application in writing to the Academic Registrar, to proceed to the degree under those Regulations. The time limit for such extension is three years from the date of repeal of those Regulations.

† These directions are published on page 613.

**Schedule of Fees prescribed by the Council under Regulation 6**

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re- examination, or on entry for any examination re- quired - - - - -	\$30
D. On admission to the degree - - - - -	\$30

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## OF THE DEGREE OF MASTER OF LAWS

## REGULATIONS

1. The Faculty of Law may accept as a candidate for the degree of Master of Laws any person who:
  - (a) has become entitled to receive the Honours degree of Bachelor of Laws of the University of Adelaide;
  - (b) has obtained in another University qualifications which in the opinion of the Faculty of Laws are at least equivalent to those of the Honours degree of Bachelor of Laws at the University of Adelaide.
2. (a) The Faculty may accept as a probationary candidate for the degree any other graduate of the University of Adelaide or of another University if his qualifications are such as to satisfy the Faculty that he is likely to be able satisfactorily to undertake work for the degree.
  - (b) Every person who is accepted as a probationary candidate for the degree shall within such time as the Faculty shall in his case prescribe or allow pass at Honours standard and at the first attempt such examinations formal or informal or both as the Faculty may prescribe: should he fail so to pass such examinations his probationary candidature shall lapse, unless the Faculty under such conditions as it thinks fit determines that it be allowed to continue.
3. To obtain the degree a candidate shall demonstrate in a thesis on a subject approved by the Faculty his ability to carry out independent research, to marshal logically and appropriately, and to analyse and assess, the material produced by that research, and to express clearly and effectively the conclusions to be drawn from that analysis and assessment. He shall on submission of the thesis adduce sufficient evidence that the thesis, which shall be prepared under the guidance of a supervisor or supervisors appointed by the Faculty, is his own work.
4. Unless the faculty in any particular case expressly approve an extension of time the thesis of a full-time candidate for the degree shall be submitted within two calendar years, and the thesis of a part-time or external candidate shall be submitted within four calendar years, from the date of the commencement of his candidature or probationary candidature. No thesis may be submitted earlier than one calendar year from the date of the commencement of candidature.
5. The candidature of every candidate shall commence on the approval by the Faculty of the subject of his research, unless the Faculty in special circumstances determines that it shall commence on some other specified date.
6. On the completion of this work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.

7. The Faculty shall appoint examiners to report on the thesis. The examiners shall report to the Faculty and may recommend (i) that the degree be awarded; or (ii) that the thesis be returned to the candidate for revision and resubmission; or (iii) that the degree be not awarded.

8. If a thesis submitted for the degree of Doctor of Laws or Doctor of Philosophy be considered by the Faculty, after a final report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify the candidate submitting that thesis for the award of the degree the Faculty may if in its opinion the thesis submitted is of a standard sufficient to comply with the relevant requirements for the award of the degree of Master of Laws recommend that the latter degree be awarded.

9. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Awaiting allowance at time of printing.

**Schedule of Fees prescribed by the Council under Regulation 7**

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required - - - - -	\$30
D. On admission to the degree - - - - -	\$30



## OF THE DEGREE OF MASTER OF MUSIC

## REGULATIONS

1. The Faculty of Music may accept as a candidate for the degree of Master of Music a person who: (i) has qualified in the University of Adelaide for the degree of Bachelor of Music; or (ii) has obtained, in another University or Institution recognised for the purpose, a qualification which is accepted by the Faculty of Music as equivalent to the degree of Bachelor of Music in the University of Adelaide.

2. In special cases the Council, on the recommendation of the Faculty and subject to such conditions (if any) as it may impose in each case, may accept as a candidate for the degree a person who does not hold a degree of any University but has given evidence satisfactory to the Faculty of his fitness to undertake studies for the degree of Master of Music.

3. The course of study for the degree shall comprise two parts as follows:

*Part A:* Such preliminary study and examinations as may be prescribed in the Schedules of the degree;

*Part B:* A course of advanced study and/or research extending over not less than one calendar year nor more than two calendar years of full-time study together with such examinations as may be prescribed in the Schedules of the degree. The Faculty may, in special cases, permit a candidate to complete Part B over not less than two calendar years nor more than four calendar years of part-time study. A candidate shall not be permitted to proceed to Part B until he has fulfilled the requirements of Part A.

4. A candidate may be exempted from the whole or such part of Part A as the Faculty may decide if he has:

- (a) qualified for the Honours degree of Bachelor of Music; or
- (b) qualified for the Ordinary degree of Bachelor of Music and has passed in (i) all the Ordinary degree subjects that are compulsory for the Honours degree in the field to which his subject of study relates; and (ii) an examination of Honours standard approved by the Faculty; or
- (c) obtained a qualification which is accepted by the Faculty as equivalent to the Honours degree of Bachelor of Music in the University of Adelaide.

A candidate who has obtained qualifications which fully or partly satisfy the requirements specified in (a), (b) or (c) above may be exempted from the whole or such part of Part A as the Faculty may decide, and shall thereafter fulfil the requirements of Part B, as prescribed in the Schedules.

5. A candidate who is required to undertake any work in Part A shall be registered as a candidate in that Part for at least three terms before presenting himself for the examination prescribed in that Part.

6. A candidate in Part B shall satisfy the examiners in Composition, or in Musicology, or in Performance, as prescribed in the Schedules and shall not present himself for examination until the expiry of three terms from his acceptance as a candidate in that Part.

7. If in the opinion of the Faculty of Music a candidate is not making satisfactory progress the Faculty may, with the consent of the Council, withdraw its approval of his candidature and the candidate shall cease to be enrolled for the degree.

8. A candidate shall as early as possible and in any event not later than the last day of the first term in his final year, submit for approval by the Faculty:

- (i) an adequate statement of the nature of the composition or compositions; or
- (ii) the subject of a thesis; or
- (iii) two recital programmes and the subject of a dissertation which he proposes to submit for examination.

9. A candidate shall, not later than the end of his final term, lodge with the Registrar three copies of his composition or compositions, or dissertation, or thesis, as the case may be, prepared in accordance with directions given to candidates from time to time.\*

10. (a) Not less than two examiners, at least one of whom shall be an external examiner, shall be appointed by, and shall report to, the Faculty of Music.

(b) The examiners may require a candidate to undergo further examination in the field of study immediately relevant to his subject.

(c) The examiners of a thesis or of a dissertation or of a composition or compositions may recommend that the work under examination:

- (i) be accepted (subject, if they so recommend, to minor amendments being made); or
- (ii) be not accepted but returned to the candidate for revision and re-submission; or
- (iii) be rejected.

11. The fees to be paid by candidates shall be prescribed from time to time by the Council and the Schedule of Fees so prescribed shall be published in the University Calendar.

12. A candidate who fulfils the requirements of these regulations and satisfies the examiners in the field to which his subject relates shall on the recommendation of the Faculty of Music be admitted to the degree.

Allowed 21st December, 1967.

\* These directions are published on page 613.

## SCHEDULES

### SCHEDULE I

*Part A:* Preliminary study and examinations: Composition IV or Musicology IV or Chief Practical Study IV as prescribed in the Schedules for the Honours degree of Bachelor of Music.

## SCHEDULE II

## Part B: Final Examination

- (a) *Composition*
- (i) A composition or compositions, the nature of which has been approved by the Faculty under Regulation 8.
  - (ii) Structural and harmonic analysis of an approved work.
  - (iii) Special papers: History of Music Theory (two three-hour papers).
  - (iv) *Viva voce* examination.
- (b) *Musicology*
- (i) A thesis on a subject approved by the Faculty under Regulation 8.
  - (ii) Editing or transcription of a work or works, published or unpublished.
  - (iii) Special papers relating to the candidate's field of study prescribed by the Faculty of Music (two three-hour papers).
  - (iv) *Viva voce* examination.
- (c) *Performance*
- (i) A dissertation on a subject approved by the Faculty under Regulation 8.
  - (ii) Special papers: History either of vocal or of instrumental music relating to the candidate's field of study (two three-hour papers).
  - (iii) Two public recitals to be given at an interval of not more than one week, the programmes approved by the Faculty under Regulation 8.
  - (iv) *Viva voce* examination.

## SCHEDULE III

## Schedule of fees prescribed by the Council under Regulation 11.

A. *For work in Part A.*

1. For the Honours work and examinations as prescribed in the Schedules for the Honours degree of Bachelor of Music.
2. For work prescribed under Regulation 4(b):
 

By full-time study for one year - - - -	\$180
By part-time study extending over at least two years, annually - - - -	\$90
By external study of all work required - - - -	\$90

B. *For work in Part B.*

1. On acceptance as a candidate in Part B - - - - \$10
2. Annual Registration Fee:
 

For full-time work in the University - - - -	\$150
For part-time work in the University - - - -	\$90
3. On entry for examination in Part B - - - - \$30

C. *On admission to the degree* - - - - \$30

## OF THE DEGREE OF MASTER OF SCIENCE

## REGULATIONS

†1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, and (c) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient:

Provided that, subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

\*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

††4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature.

\*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Science, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the subject of his research.

\* Allowed 14th December, 1944; amended 15th January, 1959 and  
12th December, 1963.

† Amended 4th April, 1963.

†† Amended 12th December, 1963.

‡6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

‡7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

‡‡8. On completion of his work a candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.\*

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Science be admitted to the degree of Master of Science.

§10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

§ Allowed 18th October, 1956.

‡‡ Allowed 16th March, 1961.

‡ Allowed 14th December, 1944.

‡ Amended 8th December, 1949.

Allowed 7th December, 1939.

\* \* These directions are published on page 613.

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#### Schedule of Fees prescribed by the Council under Regulation 10

A. On approval of the subject of the thesis	- - -	\$10
B. Annual Registration Fee:		
For full-time work in the University	- - -	\$150
For part-time work in the University	- - -	\$51
For external work	- - -	\$30
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	- - -	\$30
D. On admission to the degree	- - -	\$30

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## OF THE DEGREE OF MASTER OF SURGERY

## REGULATIONS

§The following persons may be accepted as candidates for the degree of Master of Surgery:

- (a) Bachelors of Surgery of the University of Adelaide;
- (b) Graduates in Surgery of another University who hold a degree which is accepted by the Council on the recommendation of the Faculty of Medicine as equivalent to the degree of Bachelor of Surgery of the University of Adelaide.

No person may be awarded the degree of Master of Surgery until three years have elapsed since he became qualified to receive the degree by virtue of which he qualified for acceptance as a candidate for the degree of Master of Surgery.

†2. Except by special permission of the Faculty of Medicine, every candidate shall give at least three terms' notice of his intended candidature, and shall indicate in general terms the subject of the research work or investigation on which he proposes to submit his thesis. The Faculty of Medicine may, if it considers it desirable, nominate a department under whose aegis the candidate will be required to undertake his work and appoint a supervisor or supervisors to whom the candidate will be responsible for the preparation and presentation of his thesis.

†3. A candidate for the degree shall submit: (a) evidence satisfactory to the Faculty of Medicine of his having had special training in Surgery including at least two years' such training in a teaching hospital recognised by the Faculty for the purpose; (b) a thesis embodying the results of original work relevant to the science or art of Surgery or both; and (c) such other published papers in support of his candidature as he may wish.

†4. To qualify for award of the degree the thesis must make a contribution to surgical knowledge.

\*5. A candidate's thesis must include: (a) a declaration by the candidate indicating clearly the extent (if any) to which the candidate is indebted for any portion of the work to any other person, and stating that the thesis does not contain any material which has been accepted for the award of any other degree in any University; (b) a statement of the nature of the problem investigated; (c) a review of the relevant scientific and historical background; (d) a detailed account of the methods of investigation employed, the results obtained, and their interpretation.

†6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.††

The Faculty of Medicine, if it approve the subject of the work submitted, shall nominate examiners, of whom at least one shall be an external examiner.

† Allowed 4th November, 1965.

‡ Allowed 16th March, 1961.

\* Amended 16th March, 1961. †† These directions are published on page 613.

§ Allowed 21st December, 1967.

A candidate may be required to undergo an oral examination in the subject-matter of the thesis and in any other subject-matter cognate thereto.

7. After hearing the reports of the examiners the Faculty shall determine whether or not an oral examination is necessary, and may then recommend (a) that the degree be awarded, or (b) that the degree be awarded on satisfactory completion of an oral examination, or (c) that the thesis be returned to the candidate for revision, or (d) that the degree be not awarded.

\*\*8. Repealed.

9. The fees to be paid by the candidates shall be prescribed from time to time by the Council; and a Schedule of fees so prescribed shall be published in the University Calendar.

Allowed 17th December, 1959.

\*\* Repealed 16th March, 1961.

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**Schedule of Fees Prescribed by the Council under Regulation 9.**

A. On approval of the subject of the thesis	-	-	-	\$10
B. Annual Registration Fee:				
For full-time work in the University	-	-	-	\$150
For part-time work in the University	-	-	-	\$51
For external work	-	-	-	\$30
C. On submission of the thesis	-	-	-	\$50
D. On entry for the oral examination (if required)	-	-	-	\$30
E. For admission to the degree	-	-	-	\$30

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OF THE DEGREE OF MASTER OF TOWN PLANNING  
REGULATIONS

1. There shall be a degree of Master of Town Planning.
2. A candidate for admission to the course of study for the degree shall:
  - (a) be a graduate of the University of Adelaide or of another university recognised for the purpose by the University of Adelaide; provided that subject to the approval of the Council the Faculty of Architecture and Town Planning may, in special cases and subject to such conditions (if any) as it may prescribe, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree;
  - (b) have completed any preliminary work prescribed in accordance with the Schedules;
  - (c) have obtained the approval of the Faculty of Architecture and Town Planning for his candidature.
3. To qualify for the degree a candidate shall:
  - (a) attend courses of study extending over a period of not less than one academic year of full-time work or three academic years of part-time work, and pass the examinations prescribed in the Schedules;
  - (b) satisfactorily complete the practical work prescribed in the Schedules;
  - (c) subsequently present a thesis on a topic approved by the Faculty, prepared under the guidance of, and in regular consultation with, a supervisor or supervisors appointed by the Faculty.

No candidate may present himself for examination or submit his thesis unless he has regularly attended classes and has satisfactorily completed such written and practical work as may have been required of him.

4. Schedules defining the preliminary work, the courses of study for the degree, the practical work required and the examinations to be passed by candidates shall be drawn up from time to time by the Faculty and approved by the Council. The Schedules so prescribed shall be published in the Calendar.

5. Unless the Faculty approve an extension of time in a particular case, a candidate shall:

- (a) within six months from the date of completing the courses of study and practical work prescribed in Regulation 3 submit in writing to the Academic Registrar the topic of the original research or investigation on which he proposes to submit the thesis prescribed in Regulation 3;
- (b) not earlier than one calendar year and not later than three calendar years from the date of approval by the Faculty of the topic, submit the thesis prescribed in Regulation 3.



6. If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress the Faculty may, with the consent of the Council, withdraw its approval of his candidature and the candidate shall cease to be enrolled for the degree.

7. The Faculty shall appoint examiners to conduct the examinations prescribed in Regulation 3.

8. Except in special circumstances approved by the Faculty, a candidate who has failed the examinations in any of the courses of study may not present himself for re-examination in those courses of study.

9. A candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.\*

10. The Faculty shall nominate examiners of the thesis, of whom at least one shall be external. The examiners may recommend that the thesis:

- (a) be accepted; or
- (b) be accepted subject to the candidate passing a special examination in the field of study directly related to the subject of his thesis; or
- (c) be returned to the candidate for revision and re-submission (within such period as the Faculty may allow); or
- (d) be rejected.

11. A candidate for the degree of Doctor of Philosophy whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify him for that degree, but of sufficient merit to qualify him for the degree of Master of Town Planning, may be admitted to the degree of Master provided that he is otherwise qualified to become a candidate for the degree.

12. A candidate who, before December 31, 1967, has passed the examinations prescribed in the Schedules may complete the requirements for the degree in accordance with the Regulations and Schedules then in force, with such modifications as the Council may from time to time approve, provided that the candidate:

- (a) submits in writing the topic of his proposed thesis to the Registrar by July 1, 1968; and
- (b) prepares and submits the thesis within three calendar years of the date of approval of the topic of the thesis.

13. A candidate who complies with the foregoing conditions and satisfies the examiners may be admitted to the degree of Master of Town Planning.

14. The fees to be paid by the candidates shall be prescribed from time to time by the Council. The Schedules of fees so prescribed shall be published in the University Calendar.

Allowed 21st December, 1967.

\* These directions are published on page 613.

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## Schedules made by the Council under Regulations 2, 3 and 14.

## SCHEDULE I: PRELIMINARY WORK

1. A person who holds one of the following qualifications, or a qualification deemed to be equivalent, will have satisfied the requirements of this Schedule:

- Bachelor of Architecture
- Bachelor of Arts (with Economics or Geography as a three-course subject for the degree)
- Bachelor of Economics
- Bachelor of Engineering (in Civil or Electrical Engineering)
- Bachelor of Laws
- Bachelor of Technology (in either Building Technology, Civil Engineering or Surveying).

2. Any other graduate may satisfy the requirements of this Schedule by passing in such subjects and/or carrying out such further work as may in his case be prescribed by the Faculty of Architecture and Town Planning.

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SCHEDULE II: COURSES OF STUDY

1. A candidate for the degree of Master of Town Planning shall satisfactorily complete the following courses of study and practical work, and pass such examinations therein as may be prescribed by the Faculty of Architecture and Town Planning:

- (a) Theory and practice of town planning.
- (b) History of town planning.
- (c) Environmental design.
- (d) Elements of statistics.
- (e) Social and economic aspects of planning.
- (f) The law in relation to planning.
- (g) Physical basis of planning.
- (h) Engineering aspects of planning.

Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

2. Candidates undertaking the full-time course shall, after completion of the courses prescribed in Clause 1 of this Schedule, undertake for at least six months such part-time practical work (in the form of projects dealing with the problems of survey, plan and physical development) as may be prescribed by the Faculty of Architecture and Town Planning.

3. A candidate who desires that work which he has completed in the University or in another institution approved by the University for the purpose should be counted *pro tanto* for the degree of Master of Town Planning may, on written application, be granted such exemption from the requirements of this Schedule as the Council, on the advice of the Faculty of Architecture and Town Planning, shall determine.

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## SCHEDULE III: FEES

A. Annual fee for courses of study:					
For candidates by full-time study	-	-	-	-	\$345
For candidates by part-time study	-	-	-	-	\$115
B. For re-examination in a course of study	-	-	-	-	\$30
C. On approval of the subject of the thesis	-	-	-	-	\$10
D. Annual Registration Fee for work on theses:					
For full-time work in the University	-	-	-	-	\$150
For part-time work in the University	-	-	-	-	\$51
For external work	-	-	-	-	\$30
E. On submission of thesis for examination or re-examination, or on entry for any examination required	-	-	-	-	\$30
F. For admission to the degree	-	-	-	-	\$30

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## 3. REGULATIONS AND SCHEDULES FOR DOCTORATES

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE  
DEGREE OF DOCTOR OF PHILOSOPHY

## I. GENERAL

1. The degree of Doctor of Philosophy is common to the Faculties of Agricultural Science, Architecture, Arts, Dentistry, Economics, Engineering, Law, Medicine, Music, and Science, and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations and schedules of the degree published after these notes.

2. A candidate for the degree of Doctor of Philosophy pursues a course of research under the direction of a supervisor, who reports formally to the Board of Research Studies each year on the candidate's work and progress. The supervisor will also report whenever in his opinion the student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree at which he aims.

3. The supervisor will maintain fairly close contact with the student, who should regard it as his duty to keep his supervisor fully informed of the progress of his research, and to consult him about proposed future work and about the general planning of his thesis. If not consulted fairly frequently, the supervisor will satisfy himself that the research student is working satisfactorily.

4. The function of the supervisor is not to plan at all directly the work that the research student should do, rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent largely the student's unaided work, assisted only by the general aid obtained by discussion with the supervisor as to the most satisfactory method of developing and presenting his material. For a candidate whose mother tongue is not English some help with the syntax may be given with the approval of the supervisor.

5. If more than one supervisor is appointed, the candidate shall consult all such supervisors on all matters of general concern to his work and thesis.

## II. SPECIFICATIONS FOR THESES

1. *Preparation.*

(a) The responsibility for the layout of the thesis and selection of the title rests with the candidate after discussion with his supervisor, and the completed thesis should be shown to the supervisor before submission. In order to save delay in the appointment of examiners a candidate is advised to give three months notice in writing to the Registrar of intention to submit a thesis, and to give its proposed title.

(b) The thesis should be written and submitted before the candidate leaves the University. In exceptional circumstances the Chairman of the Board of Research Studies may give permission for the thesis to be completed elsewhere.

(c) Candidates may find the following publications useful for consultation before writing theses:

## SCIENTIFIC THESES

- Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., 1953).
- Barned, J. R., and Petrie, C. M., *Guide to report writing*, revised edition (C.S.I.R.O. Division of Building Research, 1955).
- Conference of Biological Editors, Committee on Form and Style. *Style manual for biological journals* (American Institute of Biological Sciences, 1960).
- Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt Brace, 1955).
- Royal Society of London, *General notes on the preparation of scientific papers*, 2nd edition (The Society, 1965).
- "Suggestions to authors", *Journal of Physiology*, v. 182, 1966: 1-33.
- Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, 1958).

## OTHER THESES

- Clark, G. K., *Guide for research students working on historical subjects* (Cambridge University Press, 1959).
- Crutchley, B., *Preparation of manuscripts and correction of proofs*, 3rd edition (Cambridge University Press, 1965).
- Hook, L., and Gaver, M. V., *The research paper*, 3rd edition (Prentice-Hall, 1962).
- La Nauze, J. A., *Presentation of historical theses* (Melbourne University Press, 1966).
- Parker, W. R., *The MLA style sheet*, revised edition (Modern Language Association of America, 1964).
- Seeber, E. D., *A style manual for students, based on the MLA style sheet* (Indiana University Press, 1964).
- Turabian, K. L., *A manual for writers of term papers, theses and dissertations*, 3rd edition (University of Chicago Press, 1967).
- Wiles, R. M., *Scholarly reporting in the humanities*, 3rd edition (University of Toronto Press, 1961).

2. *Typing.*

(a) A thesis should normally be typed on quarto paper on one side of the paper only with double spacing. The top typewritten copy should be prepared on bond paper using a good black inked ribbon. Quotations and footnotes may be typed in single spacing. Footnotes should be clearly separated from the text by a black line.

Work previously published, if submitted, may be in printed form.

Other forms of presentation may be allowed, if the Librarian approves. In such cases bond paper should be used. If copies are produced by xerography the original typewritten copy should still be one of the copies submitted. If copies are produced from wax stencils or litho-offset plates great care should be taken to ensure a clear black image with no smudging. Those copying processes which are chemically coated paper are unsuitable for the reproduction of theses.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate in the following order (i) a title page giving the title of the thesis in full, the names and degrees of the candidate, the name of the Department of the University associated with the work and the date when submitted for the degree; (ii) a table of contents; (iii) a summary in not more than 500 words; (iv) a signed statement to the effect that the thesis contains no material which has been accepted for the award of any other degree or diploma in any University and that, to the best of the candidate's knowledge and belief, the thesis contains no material previously published or written by another person, except when due reference is made in the text of the thesis; (v) An acknowledgment of any help given or work carried out by another person or organisation; (vi) the main text; (vii) appendices, if any; (viii) bibliography.

Additional pages or other material not suitable for binding should be placed last and treated as indicated below.

### 3. *Diagrams and Figures.*

The following are general suggestions for normal practice, but they may be varied in special cases with the approval of the Librarian:

(a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper and bound in the appropriate place in the text. If, in exceptional circumstances, with the approval of the Librarian on the recommendation of the Board of Research Studies, it is necessary to mount photographs the mounting should be onto paper somewhat heavier than that of the other pages, and great care should be taken to avoid wrinkling the paper or distorting the shape of the volume.

(b) Figures should form a right-hand page, with the top of the figure at the top or the inside edge of the page. The legend should be placed at the bottom or the right-hand edge of the page or, if necessary, on the page facing the figure.

(c) Tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.

(d) Diagrams, maps, tables, etc., exceeding quarto size, should be folded so as to read as a right-hand page when open.

### 4. *Binding.*

(a) The thesis must be sewn and bound with dark cloth on stiff covers. (A spring-type or screw-type binder is unacceptable. Stapling and plastic or "perfect" binding without sewing are also unacceptable.)

(b) During binding the edges should be trimmed.

(c) On the spine of the thesis should be given, in gold lettering of suitable size, normally reading from the bottom to the top, the candidate's surname and the title of the thesis, abbreviated if necessary. Where the width of the spine allows, the lettering may be placed horizontally, with the title of the thesis near the top of the spine and the candidate's surname near the middle.

(d) When published papers are submitted as evidence they should normally be bound near the back of the thesis as an appendix. In the case of published papers of unusual size it may be desirable to bind them in a separate volume. If they have been bound by the publisher it is desirable to keep them in a special case made and lettered to simulate a bound volume of a thesis.

Supplementary material such as folded maps and other large folded sheets may be placed in a pocket inside the back cover of the bound thesis.

Supplementary material such as reels of magnetic tape or micro-film which cannot readily be kept in a pocket should be placed in a special case made and lettered to simulate a bound volume of the thesis.

A supplementary case or additional volume of a thesis should be distinguished by a volume number but should otherwise be uniform with the first part of the thesis in respect to colour, lettering and, as far as possible, size.

#### 5. *Availability.*

(a) Three bound copies of the thesis, including the top typewritten copy (or approved alternative), and two additional loose copies of the summary should be lodged with the Registrar. If the thesis is accepted for the award of the degree the Registrar will distribute two copies, including the top copy, to the University Library, and one copy to the Head of the appropriate University Department.

(b) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(c) Subject to the author's consent, the thesis will be available for photo-copying.

(d) The author will be asked after the award of the degree to give his consent to (b) and (c) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(e) If the author's consent is not given to section (b) the thesis will in any case become available for loan two years after the award of the degree.

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OF THE DEGREE OF DOCTOR OF PHILOSOPHY  
REGULATIONS

I. GENERAL

1. There shall be a degree of Doctor of Philosophy and a Board of Research Studies.

2. (a) (i) The Board shall comprise three members of the Faculty of Science, two members of the Faculty of Agricultural Science, two members of the Faculty of Engineering, two members of the Faculty of Arts, two members of the Faculty of Medicine, one member of the Faculty of Architecture and Town Planning, one member of the Faculty of Dentistry, one member of the Faculty of Economics, one member of the Faculty of Law and one member of the Faculty of Music.

(ii) The members of the Board shall be elected by the appropriate Faculties for a term of three years.

(iii) The Board shall annually elect one of its members as Chairman.

(b) The Board shall carry out those functions laid upon it by these regulations.

3. Schedules specifying the academic standing required for candidature, the nature and extent of the work to be completed and the fees to be paid by candidates shall be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective from the first day of January following their approval by the Council or from such other date as the Council may determine and shall be published in the University Calendar.

II. ENROLMENTS

4. A person seeking enrolment as a candidate for the degree shall apply to the Registrar in such form as the Board shall prescribe and shall submit as part of his application a statement of his academic standing, accompanied in the case of a person who is a graduate of a University or Institution other than the University of Adelaide by proof thereof acceptable to the Board, and an outline of the course of study and research which he proposes to pursue.

5. (a) A person shall not be enrolled as a candidate for the degree unless the Board is satisfied:

(i) that his proposed course of study and research can be adequately supervised; and

(ii) that he is personally qualified to undertake the particular course of study and research which he proposes.

(b) The Head of the appropriate Department and the appropriate Faculty shall have the power to make recommendations to the Board on the matters set out in sub-clause (a) of this clause.

(c) The appropriate Faculty or the Board may require a candidate who is not a graduate of the University to pass at a time which



it specifies such examination of Honours standard, whether special or annual, as it may deem necessary or desirable. The candidate must be notified of this requirement not later than six months after his acceptance.

6. (a) When it approves an enrolment the Board shall specify the month from which the candidature shall date, which shall normally be the one in which the candidate begins his course of study and research for the degree.

(b) When a candidate is required under Regulation 5(c) to undergo an examination the Board shall determine, after he has passed the examination, the month from which his candidature will date.

### III. WORK FOR THE DEGREE

7. (a) A candidate shall pursue, to the satisfaction of the Board, and in accordance with any special conditions that may be specified in his case, an approved course of study and research in the University under a supervisor or supervisors appointed by the appropriate Faculty and approved by the Board. At least one supervisor shall be internal to the University.

(b) At the end of each year of candidature a supervisor shall submit to the Board a written report on the work of each candidate in his charge. He shall report to the Board at any time if in his opinion a candidate is not making satisfactory progress in his work or is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree.

8. A candidate for the degree shall devote his whole time to the pursuit of his approved course of study and research; provided that full-time members of the academic staff of the University and full-time members of the academic staff of the South Australian Institute of Technology who are engaged in teaching courses prescribed for a degree of the University may be permitted to proceed to the degree on such conditions as the Board may prescribe.

9. (a) Subject to the provisions of this Regulation, a candidate for the degree shall pursue his approved course of study and research within the University for a period of not less than two years and not more than four years from the date of his enrolment.

(b) The Board may permit a candidate to pursue at another University or Institution part of his approved course under such conditions as it thinks fit. Normally, candidates will be required to work for at least two years within the University, but in exceptional circumstances the Board may approve a reduced period on such conditions as it may determine in each case.

(c) A candidate's supervisor, who shall report to the Board, may permit a candidate to spend three months in any one year of his candidature away from the University on work connected with his research. A period of such absence in excess of three months must be approved in advance by the Board.

(d) Because of the specific responsibility of the South Australian Institute of Technology in the conduct of certain University courses, notwithstanding the provisions of Regulations 5(a) and 7(a) and sub-clause (a) of this Regulation, the Board may, on the recommendation of the Faculty of Engineering or the Faculty of Science, permit a candidate to carry out his work in a department of the South Australian Institute of Technology; provided that:

- (i) the candidate is a full-time member of the academic staff of the Institute;
- (ii) the candidate is able to devote at least half of his time to his research; and
- (iii) the Board is satisfied that facilities for the proposed course of study are available only in the Institute.

10. (a) A candidate shall submit for approval by the appropriate Faculty the proposed title of the thesis required under sub-clause (b) of this Regulation approximately three months before he expects to submit the thesis. On submission of the proposed title the appropriate Faculty may also require a candidate to submit a summary of the thesis.

(b) At the end of his approved course of study and research, or by the end of the fourth year from his enrolment, a candidate shall present to the Registrar, in such form as the Board prescribes, not fewer than three copies of a thesis embodying the results of his study and research. He may submit also, in support of the thesis, other relevant material provided that no material presented for any other degree within this or any other University shall be submitted.

(c) Only in exceptional circumstances and by special permission of the Board on the recommendation of the relevant Faculty may an extension of time after the fourth year be allowed for submission of the thesis.

(d) On submission of the thesis or an acceptable summary thereof the appropriate Faculty shall nominate two external examiners and may nominate one or more internal examiners. The examiners may recommend that the candidate be examined orally or otherwise on the subject of his thesis and the general field of knowledge within which it falls. Such an examination will be conducted by examiners nominated by the appropriate Faculty.

11. To qualify for the degree the thesis shall contain a significant contribution to knowledge within the scope of its subject.

12. The Faculty shall consider the reports of the examiners and report, with recommendations, to the Board. The Board, after considering these reports, may recommend that the candidate:

- (i) be awarded the degree subject to such minor amendments of the thesis as the examiners may have suggested;
- (ii) be not awarded the degree, but be allowed to revise and resubmit his thesis within such period as the Board may allow;

- (iii) be not awarded the degree and be not allowed to resubmit his thesis; or
- (iv) be awarded an appropriate degree of Master subject to the concurrence of the appropriate Faculty.

13. Two copies of a thesis and other material on which the degree is awarded shall be deposited in the Library.

Allowed 21st December, 1967.

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## SCHEDULES

### I. ACADEMIC STANDING

1. The academic standing required for acceptance (subject to section (a) of Regulation 5) as a candidate for the degree is normally an Honours degree of Bachelor (with first or second class Honours) or a degree of Master of the University of Adelaide.

2. The Board may accept as a candidate for the degree a graduate who does not qualify under Clause I but (a) has completed to the satisfaction of the Board at least one year of full-time postgraduate study and research and (b) passes a qualifying examination prescribed by the appropriate Faculty and approved by the Board.

3. Provided that it is satisfied in each case, on the recommendation of the Head of the Department and the Faculty concerned, that the course of study undertaken and the academic standard reached are equivalent to those required of a candidate who is a graduate of the University of Adelaide, the Board may accept as a candidate for the degree a person who holds a degree of another University or a qualification acceptable to the University from an institution of tertiary education recognised for the purpose by the University.

4. A person who proposes to proceed to the degree by undertaking a course of study and research in education shall also hold the Diploma in Education of the University or a qualification accepted by the University as equivalent, and shall have at least three years' experience in teaching or in some other educational work approved by the University before enrolling for the degree.

The attention of intending candidates is specially drawn to Regulation 5.

### II. FEES

Candidates shall pay the following fees, those prescribed in B being payable *in advance in such instalments as the Council may determine from time to time.*

A. On acceptance as a candidate	-	-	-	-	-	\$10
B. For each <i>year's</i> work from enrolment until submission of the thesis	-	-	-	-	-	\$150
Incomplete years will be charged at the rate of \$12.50 for each month or part thereof.						
C. On submission of the thesis for examination or for re-examination	-	-	-	-	-	\$50
D. On admission to the degree	-	-	-	-	-	\$30

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## OF THE DEGREE OF DOCTOR OF DENTAL SCIENCE

## REGULATIONS

1. A candidate for the degree of Doctor of Dental Science shall not be admitted to the degree until the expiration of at least four years from his admission to the degree of Bachelor of Dental Surgery in the University of Adelaide: Provided that, in the case of a graduate in Dentistry of another University who has been admitted *ad eundem gradum* in the University of Adelaide, the period of four years shall be reckoned from the date of his first graduation in Dentistry.

2. Except in special cases approved by the Council only persons who have been admitted to the degree of Master of Dental Surgery may become candidates for the degree of Doctor of Dental Science.

3. To qualify for the degree a candidate shall submit a satisfactory thesis embodying the results of original research or investigation by the candidate on a subject approved by the Faculty of Dentistry. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers. It shall not be a compilation from books, nor a mere compendium of cases, nor merely observational. The candidate shall indicate in a preface or in a separate statement wherein he considers that it advances dental knowledge or practice, and shall furnish a history of the progress of dental knowledge in the subject of the thesis. A candidate may be required to undergo examination in the subject matter of, or in subjects cognate to, his thesis.

4. The degree shall not be awarded unless in the opinion of the examiners the thesis makes an original and substantial contribution to knowledge in some branch of Dental Science.

†5. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

6. On receipt of the reports of the examiners appointed to adjudicate upon the thesis the Faculty of Dentistry will recommend whether the degree be granted or withheld or delayed.

‡7. Repealed.

\*8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Allowed 16th March, 1961.

‡ Repealed 16th March, 1961.

\* Allowed 18th October, 1956.

Allowed 10th December, 1942.

#### Schedule of Fees prescribed by the Council under Regulation 8

On presentation of the thesis	-	-	-	-	-	\$75
On admission to the degree	-	-	-	-	-	\$30





## OF THE DEGREE OF DOCTOR OF MEDICINE

## REGULATIONS

1. The following persons may be accepted as candidates for the degree of Doctor of Medicine:

- (a) Bachelors of Medicine of the University of Adelaide;
- (b) Graduates in Medicine of another University who hold a degree which is accepted by the Council on the recommendation of the Faculty of Medicine as equivalent to the degree of Bachelor of Medicine of the University of Adelaide.

2. No person may be awarded the degree of Doctor of Medicine until three years have elapsed since he became qualified to receive the degree specified in Regulation 1 of these Regulations. He may proceed to the degree either by completing a period of research and presenting a satisfactory thesis thereon, or by the submission of previously published work.

3. No thesis or other work presented for the degree may include material which has been accepted for any other degree or qualification of any University or Institution. The degree shall not be awarded unless the thesis or work submitted contain an account of original work by the candidate for the degree amounting to a substantial contribution to knowledge.

4. When he submits his thesis or other work, a candidate shall:

- a) submit therewith a declaration that the thesis or work is his own composition;
- (b) indicate wherein he considers the thesis or work to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis or work;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

*Regulations Governing Admission to the Degree by Thesis*

6. A person who wishes to proceed to the degree of Doctor of Medicine by thesis shall make written application to the Academic Registrar for enrolment as a candidate. The applicant shall include a brief statement of the topic upon which he proposes, upon the completion of a period of research, to submit a thesis.

7. A person accepted as a candidate shall conduct or continue research in the field of study approved by the Faculty. The Faculty may, if it thinks it desirable, appoint a supervisor or supervisors of his research and may nominate a department or departments under whose aegis the candidate may be required to pursue his research. Unless the Faculty shall otherwise determine, a candidate shall not present

his thesis for examination until after the expiry of six terms from the approval of his candidature.

8. The Faculty may permit a candidate to pursue his research at such place or places outside the University as it thinks fit.

9. A candidate shall give the Academic Registrar one month's notice in writing of his intention to submit his thesis and shall give particulars of any other work which he desires to submit in support of his thesis. The Faculty may permit the submission of such work if in its opinion it may conveniently be examined along with the thesis.

10. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of Clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar shall transmit two of the copies to the University Library.

11. The Faculty shall nominate examiners of the thesis of whom at least one shall be an external examiner. The Faculty may require the candidate to submit himself for examination upon the subject of his thesis and matters related thereto.

12. After the examiners' reports have been considered the Faculty may recommend that the candidate:

- (a) be awarded the degree; or
- (b) be awarded the degree on the satisfactory completion of an examination on the subject of his thesis and matters related thereto; or
- (c) be not awarded the degree, but be allowed to revise and re-submit his thesis (within such period as the Faculty may allow); or
- (d) be not awarded the degree and be not allowed to re-submit his thesis.

*Regulations Concerning Admission to the Degree by  
Previously Published Work*

13. Any person who satisfies the requirements of Regulation I hereof may seek the permission of the Faculty to submit, as evidence that he is a fit and proper person to receive the degree, work or papers previously published by him.

14. Any person who seeks the permission of the Faculty under Regulation 13 hereof shall apply in writing to the Academic Registrar giving particulars of the work which he proposes to submit together with a *curriculum vitae*. The Faculty shall refer the matter to a committee which shall enquire into it and make recommendations to the Faculty. The Faculty may refuse to grant the permission sought or it may, if it entertains serious doubts about the suitability of the work which the applicant proposes to submit, advise him of its doubts and request him to reconsider his application.

15. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in Clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar shall transmit two of the copies to the University Library.



16. The Faculty shall nominate examiners of the work of whom at least one shall be an external examiner. The Faculty may require the candidate to submit himself for examination upon the subject of his work and matters related thereto.

17. After the examiners' reports have been considered the Faculty may recommend that the candidate:

- (a) be awarded the degree; or
- (b) be awarded the degree on the satisfactory completion of an examination on the subject of his work and matters related thereto; or
- (c) be not awarded the degree.

Allowed 21st December, 1967.

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**Schedule of Fees prescribed by the Council under Regulation 5**

A. On approval of the subject of the thesis	-	-	-	\$10
B. Annual Registration Fee:				
For full-time work in the University	-	-	-	\$150
For part-time work in the University	-	-	-	\$51
For external work	-	-	-	\$30
C. On submission of the thesis	-	-	-	\$50
D. On entry for the oral examination (if required)	-	-	-	\$30
E. On admission to the degree	-	-	-	\$30

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## OF THE DEGREE OF DOCTOR OF MUSIC

## REGULATIONS

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

\*2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimen of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;  
Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡Allowed 18th October, 1956.

†Allowed 10th August, 1916.

\* Allowed 10th December, 1919.

Allowed 12th December, 1907.

**Schedule of Fees prescribed by the Council under Regulation 7**

A. On presentation of the exercise - - - - -	\$37.50
B. On entering for the Final Examination - - - - -	\$37.50
C. For admission to the degree - - - - -	\$30.00

## OF THE DEGREE OF DOCTOR OF SCIENCE

## REGULATIONS

1. (a) Subject to these regulations a person who has been admitted in the University of Adelaide to an Honours degree of Bachelor or a degree of Master in Science, Agricultural Science, Applied Science or Engineering, or to the degree of Doctor of Philosophy in a field of study approved by the Faculty of Science, may proceed to the degree of Doctor of Science.

(b) On the recommendation of the Faculty of Science the Council may accept as a candidate for the degree a person who has been admitted to a degree in the University of Adelaide other than one named in section (a) of this Regulation, or who is a graduate of another University or institution of higher education recognised by the University of Adelaide and has a substantial association with the University; provided that in each case the graduate concerned has, in the opinion of the Faculty of Science, had an adequate scientific training.

(c) No person shall be accepted as a candidate for the degree of Doctor of Science before the expiration of five years from the date of his original graduation.

2. (a) A person who desires to become a candidate for the degree shall give notice of his intended candidature in writing to the Registrar and with such notice shall furnish particulars of his scientific achievements and of the work which he proposes to submit for the degree.

(b) The Faculty of Science shall appoint a committee to examine the information submitted and to advise the Faculty on whether the Faculty should—(i) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted; or (ii) advise the applicant not to submit his work: and the Faculty's decision shall be conveyed to the applicant.

(c) If it accept the candidature and approve the subject or subjects of the work to be submitted the Faculty shall nominate examiners of whom one at least shall be an external examiner.

3. (a) To qualify for the degree the candidate shall furnish satisfactory evidence that he has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

(b) The degree shall be awarded primarily on a consideration of such of his published works as the candidate may submit for examination.

(c) The candidate in submitting his published works shall state generally in a preface and specifically in notes the main sources from which his information is derived and the extent to which he has availed himself of the work of others, especially where joint publications are concerned. He may also signify in general terms the portions of his work which he claims as original.

(d) The candidate is required to indicate what part, if any, of the work he has submitted for a degree in this or any other University.

4. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of Clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

5. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Science, be admitted to the degree of Doctor of Science.

6. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Allowed 4th November, 1965.

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**Schedule of Fees prescribed by the Council under Regulation 6**

On approval of the subject of the work	-	-	-	\$75
On admission to the degree	-	-	-	\$30

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## 4. REGULATIONS AND SCHEDULES OF DIPLOMAS

## ASSOCIATE IN ARTS AND EDUCATION

## REGULATIONS

¶1. To qualify as an Associate in Arts and Education a candidate shall:

- (a) have matriculated;
- (b) attend lectures regularly and pass examinations in—
  - (i) four subjects from Schedule I of the degree of Bachelor of Arts, provided that not more than two are from the Law and Science subjects there listed,
  - (ii) professional courses as set out in Schedule I.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

¶(c) Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree subjects which he has already presented for the diploma provided (i) that he fulfils the requirements for the degree in all respects, and (ii) that he surrenders his diploma before being admitted to the degree.

°°6. (a) An unmatriculated student who enrolled before June 30, 1958, as a candidate for this diploma may qualify for the diploma under the Regulations previously in force if by the beginning of the academic year in 1960 he has passed in four of the subjects set out in Regulation 2 of the degree of Bachelor of Arts. Such a student may alternatively fulfil the requirements of Regulation 1 (b) above.

(b) Only in special circumstances may a student who has passed in less than four subjects at the beginning of the academic year in 1960 be permitted to qualify for the diploma without having fulfilled the requirements for matriculation.

‡(c) A student holding the Leaving Certificate, including a pass in English, or having passed in five subjects including English at the

¶ Allowed 15th January, 1959; and amended 16th December, 1965.

† Allowed 16th December, 1948.

‡ Allowed 28th July, 1959.

\*\* Allowed 15th January, 1959.

Leaving Examination, or possessing an equivalent qualification approved by the Council, who enrolls as a non-graduating student before June 30, 1960, may on completing the requirements for matriculation within two years of enrolment be permitted to count towards the Associateship in Arts and Education subjects passed prior to matriculation.

§7. Only those candidates who had entered upon the course for the Associateship before July 1, 1967, will be permitted to enrol in the course for the Associateship after December 31, 1967. Such students will be eligible to proceed to the Associateship under these Regulations provided that they qualify for the Associateship not later than March 31, 1971, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

§8. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

Allowed 10th July, 1947.

§ Allowed 21st December, 1967.

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#### SCHEDULE I: PROFESSIONAL SUBJECTS

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

- Education;
- Educational Psychology IA;
- Practical Teaching and Methodology A.

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#### SCHEDULE II: FEES

- |  |      |
|--|------|
| A. For each subject from Schedule I of the degree of Bachelor of Arts: the fee prescribed in Schedule V of the degree of Bachelor of Arts. |      |
| B. For attendance (or re-attendance) at lectures and annual examination in each professional subject set out in Schedule I above           | \$42 |
| C. For an annual examination with exemption from attendance or re-attendance at lectures   | \$21 |
| D. For a special examination in any subject  | \$20 |
| E. For the diploma   | \$20 |
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## OF THE DIPLOMA IN COMPUTING SCIENCE

## REGULATIONS

1. There shall be a postgraduate Diploma in Computing Science.
2. Except as provided for in Regulation 3 a candidate for admission to the course for the diploma shall have been admitted to a degree of the University or to a degree of another University accepted for the purpose by the University.
3. A candidate who in the year immediately preceding the year in which he wishes to be admitted to the course for the diploma failed in only one subject necessary for the completion of his course for an Ordinary degree of the University may, with permission of the Faculty of Science, be admitted to the course for the diploma if in the same year he enrolls for a subject necessary to complete his qualifications for the degree. The diploma will not be granted until the candidate has qualified for the degree.
4. To qualify for the diploma a candidate shall satisfactorily complete a course of full-time study extending over at least one year or of part-time study extending over at least two years.
5. The course of study to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be prescribed in schedules approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.
6. A candidate who desires that the examinations which he has passed in the University or elsewhere should be counted *pro tanto* for the Diploma in Computing Science, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.
7. There shall be three classifications of pass at an annual examination in any subject for the diploma: Pass with Distinction, Pass with Credit, and Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.
8. (a) A candidate who fails to pass in a subject and desires to take the subject again shall again attend lectures and satisfactorily do such written and practical work as the professor or lecturer concerned may prescribe, unless specifically exempted therefrom after written application to the Registrar for such exemption.  
(b) A candidate who has twice failed to pass the examination in any subject or division of a subject may not enrol for that subject again except by special permission to be obtained in writing from the Registrar and then only under such conditions as may be prescribed.  
(c) For the purpose of this regulation a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Professor of Computing Science as adequate, to

attend all or part of an annual examination (or supplementary examination if granted) after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

9. A candidate who complies with the foregoing conditions and satisfies the examiners shall be awarded the Diploma in Computing Science.

Allowed 28th January, 1965.

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### Schedules made by the Council under Regulation 5.

#### SCHEDULE I: COURSES OF STUDY.

1. A candidate for the diploma shall regularly attend lectures and tutorials, do such written work as may be prescribed, and pass examinations in the subjects in the course of the Diploma in Computing Science.

2. A candidate shall also satisfactorily undertake and complete a course of practical work.

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#### SCHEDULE II: FEES.

A. For attendance (or re-attendance) at lectures and practical work and an annual examination in the Course in Computing Science	- - - - -	\$300
B. For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately: Numerical Analysis, Programming Languages, Computer Mathematics, Theory of Systems and Data Processing, each	- - - - -	\$90
C. For an annual examination with exemption from attendance (or re-attendance) at lectures in any one of the subjects listed in Section B above	- - - - -	\$45
D. For a supplementary or special examination in any one of the subjects listed in Section B above	- - - - -	\$20
E. For the course of practical work	- - - - -	\$90
F. For the diploma	- - - - -	\$20

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## OF THE DIPLOMA IN EDUCATION

## REGULATIONS

[NOTE: These regulations came into force on January 1, 1962.]

1. There shall be a postgraduate Diploma in Education.

2. Except as provided for in Regulation 3 a candidate for admission to the course for the diploma shall have been admitted to a degree of the University or to a degree of another University accepted for the purpose by the University.

3. A candidate who in the year immediately preceding the year in which he wishes to be admitted to the course for the diploma failed in only one subject necessary for the completion of any Ordinary degree of the University may, with special permission of the Faculty, be admitted to the course for the diploma if in the same year he enrolls for a subject necessary for the completion of his degree. The diploma will not be conferred upon the candidate until he has been admitted to the degree.

4. To qualify for the diploma a candidate shall:

(a) satisfactorily complete a course of full-time study extending over at least one year or of part-time study extending over at least two years; and

(b) satisfy the University in a course of practical teaching.

5. The course of study and the fees to be paid by the candidate shall be prescribed in schedules which shall be drawn up from time to time by the Faculty of Arts and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. A candidate who desires that the examinations which he has passed in the University or in another University should be counted *pro tanto* for the Diploma in Education, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

7. A candidate for the diploma by part-time study who desires that his experience as a teacher should exempt him from a course of practical teaching may on written application be granted such exemption provided that he satisfies the University that he is a proficient teacher.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not enrol for the subject again except by special permission of the Faculty and then only under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Dean as adequate, to attend all or part of an annual

examination (or supplementary examination if granted) after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

9. A candidate who complies with the foregoing conditions and satisfies the examiners shall be awarded the Diploma in Education.

10.\* These regulations shall come into force, and all existing regulations shall be repealed, on January 1, 1962. However, a student who matriculated in the University on or before March 31, 1960, may at his option complete the course for the diploma under the regulations in force in 1960 provided that he satisfies the requirements of Regulation 3 of those regulations by February 28, 1966.

\* Amended 4th April, 1963

Allowed 16th March, 1961.

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### Schedules made by the Council under Regulation 5

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### SCHEDULE I: COURSES OF STUDY

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

Theory of Education I;  
History of Education I;  
Sociology of Education I;  
Educational Psychology I.

He shall also, unless exempted therefrom by the Faculty, regularly attend such courses of instruction and do such practical and written work as may be prescribed from time to time and satisfy the examiners in:

Practical Teaching and Methodology B.

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#### SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - - -	\$42
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - -	\$21
C. For a special examination - - - - -	\$15
D. For the course in Practical Teaching and Methodology B	\$42
E. For examination of proficiency as a teacher when the candidate has been exempted by the Faculty from attendance at the course of instruction in Practical Teaching and Methodology B - - - - -	\$14
F. For the diploma - - - - -	\$20

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## DIPLOMA OF ASSOCIATE IN MUSIC REGULATIONS

1. There shall be a diploma of Associate in Music, and examinations for the diploma shall be held during the month of November in each year.

2.\*(a) A candidate for admission to the course for the diploma shall have passed in English and in one other subject exclusive of Music at the Matriculation Examination and either (i) have obtained an A or B grade pass in Practical at the Seventh Grade, Theory at the Fifth Grade, and Musical Perception at the Fifth Grade of the examinations conducted by the Australian Music Examinations Board; or (ii) pass in a special entrance examination in Music of standard equivalent to the Grade Examinations specified above.

(b) A candidate who produces evidence of having passed an equivalent examination in this or in any other University recognised by this University may be exempted by the Council from the requirements of this regulation.

3.†(a) To qualify for the diploma a candidate shall complete three academic years of study, not necessarily consecutive, at the University in one of the under-mentioned principal subjects, together with such other subjects as are specified in the schedules, and shall pass the examination proper to each year:

(i) Pianoforte Playing; (ii) Singing; (iii) Violin Playing;  
(iv) Violoncello Playing; (v) Organ Playing; (vi) the playing of any other instrument approved by the Faculty of Music.

(b) A candidate who fails in one or two subjects only of an annual examination may at the discretion of the Faculty of Music be permitted to present himself for a supplementary examination in the subject or subjects concerned in March of the following year, and if he satisfies the Faculty of Music in such supplementary examination shall be deemed to have completed the whole annual examination.

(c) A candidate who passes in some portion only of an annual examination may be granted such credit as the Faculty of Music shall in each case determine.

(d) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

†(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course for the diploma as the Faculty of Music shall in each case determine; provided that every candidate for the diploma shall, before receiving the diploma, complete three years of study in an approved principal subject either wholly in the University or partly in the University and partly in some other University or school of music approved for

\* Allowed 20th December, 1956; amended 16th March, 1961, and 4th October, 1962.

† Amended 9th January, 1958.

‡ Allowed 14th December, 1950; amended 16th March, 1961, and 4th October, 1962.

the purpose by the University and provided further that the final year shall in every case be spent in the University of Adelaide.

††4. Except as allowed by the Council, in case of illness or other sufficient cause, no student shall be permitted to present himself for any annual examination unless he has attended in each of the three Conservatorium terms up to the time of the annual examination not fewer than three-fourths of the lessons given in his principal subject and has attended classes regularly, and has performed any work prescribed to the satisfaction of the lecturers and teachers concerned in the other subjects of the year's work.

\*5. (a) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(b) A candidate who fails to pass in any annual examination shall again attend lectures and do practical work in the work of that year to the satisfaction of the professors and lecturers concerned unless exempted therefrom by the Faculty of Music.

\*6. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

7. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who has fulfilled the conditions prescribed for the diploma shall be awarded the diploma, shall be styled an Associate of the University of Adelaide, and shall be entitled to use the letters A.U.A.

\*9. Only those candidates who had entered upon the course for the diploma before July 1, 1967, will be permitted to enrol in the course for the diploma after December 31, 1967. Such students will be eligible to proceed to the diploma under these Regulations provided that they qualify for the diploma not later than March 31, 1971, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

\*\*10. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

†† Amended 16th March, 1961.

\* Allowed 20th December, 1956.

Allowed 16th December, 1948.

\*\* Allowed 21st December, 1967.

## SCHEDULES

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

### 1. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

#### A. Instrumental School

1. Principal Study I
2. Second Study I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I

#### B. Vocal School

##### (a) Concert Singing

1. Principal Study I
2. Second Study I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Modern Languages I
7. Speech Training I

##### OR (b) Operatic Singing

1. Principal Study I
2. Drama I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Modern Languages I
7. Speech Training I

#### C. School Music

##### 1. Principal Study I

(This chief study should be Pianoforte, but in the event of another study, such as singing, or a stringed or wood-wind instrument being chosen, the student shall show that in each of the years a satisfactory standard of pianoforte playing has been reached.)

2. Scope of School Music I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Principles of Class Music Teaching I

2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

#### A. Instrumental School

1. Principal Study II
2. Second Study II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Ensemble Playing I
7. Accompanying (for students whose chief practical study is Pianoforte)

#### B. Vocal School

##### (a) Concert Singing

1. Principal Study II
2. Second Study II
3. Theory of Music
4. History of Music I
5. Practical Tests II
6. Modern Languages II
7. Speech Training II

##### OR (b) Operatic Singing

1. Principal Study II
2. Drama II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Modern Languages II
7. Speech Training II

## C. School Music

1. Principal Study II
2. Scope of School Music II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Principles of Class Music Teaching II
7. Ensemble Playing I
8. Accompanying

3. After passing the Second Examination a candidate may, with the approval of the Faculty of Music, elect to proceed either as an executant or as a teacher of the principal subject of his course.

4. At the Third Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

## A. Instrumental School

1. Principal Study III
2. Second Study III
3. Ensemble Playing II
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

and for candidates who elect to be examined as teachers:

8. Methods of Teaching

## B. Vocal School

## (a) Concert Singing

1. Principal Study III
2. Second Study III
3. Modern Languages III
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

and for candidates who elect to be examined as teachers:

8. Methods of Teaching

## OR (b) Operatic Singing

1. Principal Study III
2. Drama III
3. Modern Languages III
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

## C. School Music

1. Principal Study III
2. Scope of School Music III
3. Ensemble Playing II
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Principles of Class Music Teaching III
8. Concerto.

Unless his Principal or Second Study be pianoforte playing a candidate shall also play on the pianoforte to the satisfaction of the examiners two pieces from a list published each year, and scales and arpeggios in forms defined by schedule.

5. Candidates who have completed subjects for the diploma prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

**II. Schedule of Fees made by the Council under Regulation 7.**

A. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium	-	-	-	-	-	-	-	-	\$300
B. For a Principal Study taken separately	-	-	-	-	-	-	-	-	\$150
For a Second Study taken separately	-	-	-	-	-	-	-	-	\$90
For each other subject taken separately: \$60 up to a maximum of the annual fee of \$300 for the full year's course.									
C. For a supplementary examination in any subject of a year's work	-	-	-	-	-	-	-	-	\$20
D. For the diploma	-	-	-	-	-	-	-	-	\$20

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## OF THE DIPLOMA IN PHARMACY

## REGULATIONS

††1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Studies in Pharmacy.

§2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry; Pharmacy I; Organic Chemistry; Practical Pharmacy; Biology; Botany and Pharmacognosy; Pharmacy II; Pharmacy III; and Pharmacy IV.

††(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Studies in Pharmacy.

†3. Schedules defining the courses of study in the subjects prescribed, and the fees payable to the University, shall be drawn up from time to time by the Board of Studies in Pharmacy and be approved by the Council.

††4. Before enrolling for the course of study in each year and upon entering for any examination every candidate shall satisfy the Board of Studies in Pharmacy that he is eligible to do so.

††5. The examinations shall be conducted by a Board of Examiners appointed by the Council on the recommendation of the Board of Studies in Pharmacy.

†A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Candidates who fail to present themselves for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

\*5a. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Chairman of the Board of Studies in Pharmacy.†† If he fails a third time he may not proceed with the subject again except by special permission of the Board and under such conditions as the Board may prescribe.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

§ Allowed 11th November, 1954.

\* Allowed 10th December, 1936.

† Allowed 20th December, 1956.



6. Candidates who fulfil the conditions shall be awarded the Diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

†Fee for Diploma, \$10.50.

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

\*\*8. Only those candidates who had entered upon the course for the diploma in Pharmacy in or before the academic year 1964 will be permitted to enrol in the course for the diploma after December 31, 1964. Such students will be eligible to proceed to the diploma under these Regulations provided that they qualify for the diploma not later than March 31, 1969, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

† Allowed 18th October, 1956.

\*\* Allowed 12th December, 1963.

Allowed 7th December, 1932.

### Schedules made by the Council under Regulation 3.

		FIRST YEAR					
		(No longer available)					
Subject No. in Syllabus	Subject		Hours a week	Fee \$			
	Inorganic Chemistry	Lectures	2 <sup>1</sup> , 1 <sup>2</sup>				
		(U) Practical	3				
	Inorganic Chemistry, B.P. Salts	Lectures	2				
	Elementary Pharmacy	Lectures	2				
		Practical	4				
	History of Pharmacy	Lectures	1				
	First Aid and Surgical Dressings	Lectures	1 <sup>2</sup>				
		SECOND YEAR					
		(No longer available)					
	Organic Chemistry	(U) Lectures	2				
		(U) Practical	6				
	Practical Pharmacy, Volumetric Analysis and Drug Assay I	Lectures	2				
		Practical	4				
	Biology	(U) Lectures	2				
		(U) Practical	6				
		THIRD YEAR					
		(No longer available)					
FF03	Botany and Pharmacognosy	Lectures	2				
FF13	Commercial Pharmacy	Lectures	1				
FF23	Practical Pharmacy, Volumetric Analysis and Drug Assay II	Lectures	2				
		Practical	4				
FF33	Practical Experience						
		FOURTH YEAR					
FF04	Practical Pharmacy and Dispensing	Lectures	2				
		Tutorials	1				
		Practical	4			57	
FF14	Forensic Pharmacy	Lectures	1 <sup>2</sup>			18	
FF24	Pharmacy Organisation	Lectures	1 <sup>2</sup>			18	
FF34	Pure Pharmacology	Lectures	2 <sup>1</sup>				
		Practical	1 <sup>1</sup>			15	
FF44	Bacteriology	(U) Lectures	1 <sup>1</sup> / <sub>2</sub>				
		(U) Practical	2 <sup>1</sup> / <sub>2</sub>			21	
FF54	Nutrition	Lectures	1 <sup>2</sup>			18	
FF64	Organic Medicinals	Lectures	1			27	

Fee for a special or supplementary examination (practical or theoretical or both) in any subject - - \$20

OF THE DIPLOMA AND CERTIFICATE IN PHYSICAL  
EDUCATION

## REGULATIONS

1. There shall be a diploma in Physical Education.
- \*2. A candidate for admission to the course for the diploma shall:
  - (a) be matriculated; provided that until March 31, 1962, a candidate may, alternatively, fulfil the educational requirements for admission by complying with the requirements in force in 1960;
  - (b) have passed the medical and physical examinations prescribed by the Council.
- †3. To qualify for the diploma a candidate shall:
  - (a) complete the equivalent of one year's work in one of the Faculties;
  - (b) attend classes regularly for a period of not less than two years and pass examinations as prescribed in the schedules;
  - (c) satisfactorily complete a course of practical teaching in such schools and under such supervision as may be approved by the Council.

Except by permission of the Board of Studies in Physical Education a candidate shall complete or substantially complete the work prescribed in paragraph (a) before entering upon the work of paragraph (b).

4. A candidate who has passed the medical and physical examinations prescribed, may at the discretion of the Council be granted a certificate upon his completing the courses of study and passing the examinations prescribed under Regulation 3 (b).

5. A candidate may be granted such exemption from attendance at lectures and from practical work as the Council may approve.

6. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the Diploma in Physical Education, may be granted such exemption from the requirements of these regulations as the Council shall determine.

7. Schedules defining the course of study, including lectures, practical work and examinations and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physical Education, and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council, or such other date as the Council may decide. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

\* Allowed 11th November, 1954; amended 16th March, 1961.

† Allowed 16th March, 1961.

\*9. Only those candidates who had entered upon the course for the Diploma before July 1, 1968, will be permitted to enrol in the course for the Diploma after December 31, 1968; provided that candidates who before March 31, 1969, have completed the work prescribed in paragraph (a) of Regulation 3 will be permitted to enrol in the course until July 1, 1969. All candidates enrolled in the course before July 1, 1969, will be eligible to proceed to the Diploma under these Regulations provided that they qualify for the Diploma not later than March 31, 1972, unless the Council approve an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

\*10. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

Allowed 16th December, 1948.

\* Awaiting allowance at time of printing.

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### Schedules made by the Council under Regulation 7.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the Schedules for the degree of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3(b): \$600, payable in two annual instalments of \$300 each.
- C. For subjects taken separately:
- Second-year Course:
- |                                |   |   |   |   |   |   |   |      |
|--------------------------------|---|---|---|---|---|---|---|------|
| Health Education               | - | - | - | - | - | - | - | \$45 |
| Body Mechanics                 | - | - | - | - | - | - | - | \$30 |
| First Aid                      | - | - | - | - | - | - | - | \$4  |
| Practice of Physical Education | - | - | - | - | - | - | - | \$60 |
| Practical Work, Part I         | - | - | - | - | - | - | - | \$90 |
| Education                      | - | - | - | - | - | - | - | \$90 |
| Human Biology                  | - | - | - | - | - | - | - | \$90 |
- Third-year Course:
- |  |   |   |   |   |   |   |   |      |
|--|---|---|---|---|---|---|---|------|
| Clinical Observation and Remedial Work | - | - | - | - | - | - | - | \$45 |
| Principles of Physical Education       | - | - | - | - | - | - | - | \$60 |
| Practical Work, Part II                | - | - | - | - | - | - | - | \$90 |
| Physiological Psychology               | - | - | - | - | - | - | - | \$45 |
| Human Nutrition                        | - | - | - | - | - | - | - | \$45 |
| Human Physiology                       | - | - | - | - | - | - | - | \$90 |
- D. For each section of either part of the Practical Work - \$24
- E. For the course in Practical Teaching - \$45
- F. For a supplementary examination in any subject - \$20
- G. For the diploma - \$20
-

## OF THE DIPLOMA IN PHYSIOTHERAPY

## REGULATIONS

1. There shall be a Diploma in Physiotherapy.

†2. A candidate for admission to the course for the Diploma shall

(a) be matriculated; and

(b) present a medical certificate approved by the Council.

†3. The course for the diploma shall extend over three years. Schedules prescribing the subjects of study, and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physiotherapy and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†4. To qualify for the diploma a candidate shall:

(a) regularly attend lectures and do such written, laboratory or other practical work as may be prescribed;

(b) at the end of each year pass an annual examination in the subjects prescribed for that year.

†5. A candidate shall not be eligible to present himself for examination at the end of a year unless he has completed the course of study and practice prescribed for that year to the satisfaction of the lecturers concerned.

\*6. A candidate shall pass the annual examination proper to each year before beginning the course of study and practice for the following year.

7. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he had done elsewhere, be counted *pro tanto* for the Diploma in Physiotherapy may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

8. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

9. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

† Awaiting allowance at time of printing.

\* Allowed 17th December, 1959.

Allowed 9th August, 1945.

Note: A holder of the Diploma may wish to proceed to a degree and to count towards the degree appropriate subjects already presented for the Diploma. The attention of any such holder of the Diploma is drawn to the Regulations of the degree in question and to Clause 7 of Chapter XXIV of the Statutes.

### Schedules made by the Council under Regulation 3.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

#### Schedule I: Subjects.

The subjects of study shall be:

*First Year:*

Anatomy I  
Physiology  
Physics  
Treatment I  
Movement I  
Psychology IA

*Second Year:*

Anatomy II  
Treatment II  
Movement II  
Pathology  
Electrotherapy I  
Practice of Hospital Work i

*Third Year:*

Treatment III  
Movement III  
Electrotherapy II  
Practice of Hospital Work II  
Physical Medicine

#### Schedule II: Fees.

- |   |       |
|---|-------|
| A. For each year's work, including one annual examination | \$300 |
| B. For a supplementary examination in any subject - -     | \$20  |
| C. For the diploma - - - - -                              | \$20  |

NOTE: The annual fee includes the fee of \$2.50 payable to the Royal Adelaide Hospital, and the fee of \$2.10 payable to the Adelaide Children's Hospital, for admission to Hospital practice.

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## OF THE DIPLOMA IN PUBLIC ADMINISTRATION

## REGULATIONS

1. There shall be a diploma in Public Administration.
- ‡2. A candidate for admission to the course for the diploma shall be matriculated; provided that until March 31, 1967, a candidate who by March 31, 1963, had fulfilled the educational requirements in force in 1961 may be accepted as qualified for admission.
3. To qualify for the diploma a candidate shall (a) attend courses of lectures and pass examinations in the subjects set out in Schedule I made by the Council and (b) have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organization or enterprise approved by the Faculty; provided that for this purpose each completed two years' service as a junior officer shall be accepted as equivalent to one year of adult service.
4. The regulations of the degree of Bachelor of Economics shall, *mutatis mutandis*, be applicable to studies for the diploma insofar as they are not repugnant to any condition or requirement specified in these regulations.
5. A candidate who has fulfilled the conditions of these regulations shall be entitled to receive the diploma, to style himself an Associate of the University, and to use the letters A.U.A.
6. A graduate in the Faculty of Economics shall not be eligible to qualify also for the diploma and not more than two subjects presented for any other degree or diploma may be presented for the Diploma also.
- ‡7. Any holder of the diploma who subsequently proceeds to a degree may count towards the degree subjects which he has already presented for the diploma provided:
  - (a) that he matriculates before undertaking any further studies in the University;
  - (b) that he fulfils the requirements for the degree in all respects, and
  - (c) that if the number of subjects counted towards the degree exceeds four, he surrenders his diploma before being admitted to the degree.

\* Note (not forming part of the Regulations): the University will consider applications for modification of the admission requirements from candidates who have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organisation or enterprise approved by the Faculty.

‡ Amended 4th April, 1963.

‡ Allowed 16th December, 1965.

Allowed 22nd January, 1953.

\*8. Only those candidates who had entered upon the course for the diploma before July 1, 1967, will be permitted to enrol in the course for the diploma after December 31, 1967. Such students will be eligible to proceed to the diploma under these Regulations provided that they qualify for the diploma not later than March 31, 1971, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

\*9. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

\* Allowed 21st December, 1967.

### Schedule I: Courses of Study

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 or Table of Subjects on page 1101.

1. The subjects which a candidate for the Diploma shall complete are:

Politics I and Politics II;  
Social Economics or Economics I with the approval of the Dean;  
Public Finance;

and three of the following subjects, of which at least one shall be a third-year subject:

Economics II, III;  
Economic Statistics I, II;  
Economic Development I or History IIB;  
Economic Development II;  
Mathematics (Economics);  
Economic Geography or Geography I;  
Elements of Accounting, Management Accounting, Financial Accounting;  
Commercial Law;  
History IIA, IIIA, IIIB;  
Politics IIIA, IIIB;  
Geography II, III;  
Psychology IIA, IIB, IIIA, IIIB;  
Any other first-year Arts subjects listed for the Ordinary degree except for the Science subjects;

provided that a candidate presenting Economics III (including part B of the syllabus) shall not be required to present Public Finance.

2. Courses of study must be approved by the Dean of the Faculty of Economics (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the diploma prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean of the Faculty of Economics, provided that a candidate shall not lose credit for a subject already completed.

Note: For the purpose of this Schedule a pass in the subject Political Science in or prior to 1954 will count as a pass in Politics II, and a pass in the subject Public Administration in or prior to 1954 will count as a pass in Politics IIIA.

**Schedule II: Fees**

- A. For courses from the Faculty of Arts and the Faculty of Economics; the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.
- B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - - \$45
- C. For a supplementary examination in Public Finance - \$20
- D. For the diploma - - - - - \$20
-



## OF THE DIPLOMA IN SOCIAL STUDIES

## REGULATIONS

1. There shall be a Diploma in Social Studies.
2. A candidate for admission to the course of study for the Diploma shall:
  - (a) be a graduate of the University or of another University accepted for the purpose by the University, and have completed to the satisfaction of the Council such preliminary courses of study as may be prescribed in the Schedule; or
  - (b) be qualified to matriculate.\*
3. To qualify for the diploma:
  - (a) a candidate who has been admitted as a graduate shall satisfactorily complete a course of full-time study extending over at least one year or of part-time study extending over at least two years, and a course of practical instruction extending over at least six months;
  - (b) a candidate who has been admitted otherwise than as a graduate shall satisfactorily complete a course of full-time study extending over at least three years, or of part-time study extending over at least five years.
4. Schedules defining the course of study, including lectures and practical work, the examinations to be passed, and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Social Studies and submitted to the Council. Such Schedules shall become effective from the date of approval by the Council or such other date as the Council may determine, and shall be published as soon as practicable after that approval has been given.
5. A candidate who has completed equivalent work elsewhere may on application be granted such exemption from the requirements of these Regulations as the Council shall determine.
6. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 12th December, 1963.

Notes (not forming part of the Regulations):

\* (a) The attention of prospective candidates is directed to Chapter IX of the Statutes: Of Matriculation.

(b) A holder of the Diploma may wish to proceed to a degree and to count towards the degree appropriate subjects (if any) already presented for the Diploma. The attention of any such Diploma holder is drawn to the Regulations and Schedules of the degree concerned, and to Clause 7 of Chapter XXIV of the Statutes.

†7. Candidates who have entered upon the course for the Diploma in Social Studies under Regulation 3 (b) in or before the academic year 1965 will be eligible to proceed to the Diploma under these regulations provided that they qualify for the Diploma no later than March 31, 1970, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

†8. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

† Allowed 28th January, 1965.

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on page 1101.

### Schedule I: Preliminary Courses of Study for Graduates

A candidate shall not be admitted as a graduate to the course of study for the diploma unless

- (a) he has satisfied the examiners in:
- (i) three of the following subjects or their equivalents; *or*
  - (ii) two of these subjects and a second-year subject in sequence with one of them:
    - History IB or Politics I or Philosophy I;
    - Social Economics or Economics I;
    - Psychology I or Psychology IA;
    - Biology;

or (b) he has taken special courses of study, and has passed special examinations, in subjects prescribed by the Board of Studies. Such courses of study shall be determined by the Heads of the Departments concerned, who shall undertake the necessary examining, and will normally extend over not less than two months. The examinations will be held in or about March.

### Schedule II: Courses of Study for Graduates

A candidate who has been admitted as a graduate shall, unless exempted by the Board, regularly attend lectures, do such written and practical work as may be prescribed, and pass examinations in the following subjects:

- Sociology;
- Social Organisation;
- Social Work II.

He shall also, unless exempted by the Board, regularly attend such courses of instruction and satisfactorily complete such written and practical work as may be prescribed in:

- Social Work I;
- Field Work B.

Provided that graduates who by March 31, 1964, had passed in the subject Social Work I under the regulations and schedules in force in

1963 may complete their course for the Diploma in Social Studies under those regulations and schedules provided that they do so by March 31, 1967.

Courses of study must be approved by the Head of the Department of Social Studies at enrolment each year.

### Schedule III: Courses of Study for Undergraduates

A candidate shall, unless exempted by the Board, regularly attend lectures, do such written and practical work as may be prescribed, and satisfy the examiners in the following subjects:

#### First Year:

History IB or Politics I or Philosophy I;  
Psychology I or Psychology IA;  
Social Economics or Economics I\*;  
Biology or Human Biology.

#### Second Year:

Sociology;  
Social Work I;  
Psychology IIB or another second-year subject.

#### Third Year:

Social Organisation;  
Social Work II;  
Field Work A.

Provided that candidates who by March 31, 1964, had passed in the subject Social Work I under the regulations and schedules in force in 1963 may complete their courses for the Diploma in Social Studies under those regulations and schedules provided that they do so by March 31, 1967.

Provided also that candidates, who have enrolled under the regulations and schedules in force in 1963, may complete their course for the diploma in Social Studies under this Schedule III.

Courses of study must be approved by the Head of the Department of Social Studies at enrolment each year.

\* A candidate may with the special permission of the Board substitute Politics for a course in Economics.

### Schedule IV: Fees

- A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.
- B. For attendance (or re-attendance) at lectures and examination:
- |                       |   |   |   |   |   |   |   |       |
|-----------------------|---|---|---|---|---|---|---|-------|
| In Social Work II     | - | - | - | - | - | - | - | \$135 |
| In Field Work         | - | - | - | - | - | - | - | \$45  |
| In each other subject | - | - | - | - | - | - | - | \$90  |
- C. For attendance as a graduate without examination in Social Work I - - - - - \$45
- D. For the diploma - - - - - \$20

## 5. TABLE OF FEES.

The fees payable by candidates for tuition and examination in the various undergraduate and diploma courses, for admission to degrees and the granting of diplomas, and on candidature for higher degrees, are prescribed in the appropriate regulations or schedules made by the Council. They are here assembled and published in one table for convenience of reference.

The table also includes the Statutory Annual Fee, which is payable by all undergraduates and all candidates for higher degrees or diplomas, and other incidental fees. It does not include hospital fees payable by medical students.

## COMPULSORY EXCURSIONS AND CAMPS.

The attention of students is drawn to the fact that attendance on excursions or at camps (usually during vacation) forms a compulsory part of the practical work associated with some subjects or courses. The students must meet the travel and living costs involved *in addition to* the specific fees for the subjects or courses prescribed by and payable to the University.

Over recent years the subjects, courses and costs involved have been approximately as follows:

## Arts:

Geography II	-	-	-	-	-	-	-	\$14
Geography III	-	-	-	-	-	-	-	\$25

## Science:

Geology II	-	-	-	-	-	-	-	\$16
Geology III	-	-	-	-	-	-	-	\$16
Honours Economic Geology	-	-	-	-	-	-	-	\$56
Botany II	-	-	-	-	-	-	-	\$32
Botany III	-	-	-	-	-	-	-	\$28

## Agricultural Science:

Fourth-year Agricultural Science	-	-	-	-	-	-	-	\$100
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## Engineering:

Civil Engineering I, Field Work	-	-	-	-	-	-	-	\$20
Civil Engineering, Second Survey Camp	-	-	-	-	-	-	-	\$28
Chemical Engineering (Fifth Year)	-	-	-	-	-	-	-	\$50
Mechanical Engineering (Final Year)	-	-	-	-	-	-	-	\$24

This list is published only for the information and guidance of students and in no way restricts the University in determining each year the nature, duration and approximate cost of the excursions or camps associated with particular subjects or courses, or the list of subjects and courses in which such attendance may be required.

## TABLE OF FEES

## FEES

## STATUTORY ANNUAL FEE

Every student taking a course for a Bachelor's or higher Degree or for a Diploma must, unless exempted by the Council, pay a Statutory Annual Fee.

The Statutory Annual Fee entitles students to membership of the University Union (the Students' Club), with the use of such Union Buildings and facilities as the Refectory, the Union Hall, the Lady Symon Building for women and the George Murray Building for men; to take full part in the activities of the Students' Representative Council and of the University Sports Association; and to avail themselves of the University Health Service and the Counselling Service.

Statutory Annual Fee (full-time students) - \$45

For part-time students the Statutory Annual Fee may be reduced. Students who pay a reduced fee are entitled to all the privileges available to full-time students, except for membership of the Sports Association. Every part-time student who plays sport must pay the full Statutory Annual Fee.

FEE FOR ADMISSION *ad eundem statum*.

Fee payable by every student from another educational institution who is admitted *ad eundem statum*: \$10.

## LATE FEES

<i>Late Fee</i> payable on submission of late enrolment -	\$15
<i>Late Fee</i> payable on late payment of tuition fees: for each week or part of a week beyond the end of the first fortnight of the respective term -	\$2
<i>Late Fee</i> payable on submission of late entry for examination - - - - -	\$10

## GRADUATION FEE.

The fee payable for admission to a degree or for the granting of a diploma is as follows:

For admission to any degree of Bachelor, whether Ordinary or Honours - - - - -	\$20
For admission to any degree of Master or Doctor -	\$30
For the granting of any diploma, except the Diploma in Pharmacy - - - - -	\$20
For the Diploma in Pharmacy - - - - -	\$10.50

Note: The fee of \$20 covers admission to both degrees of M.B., B.S.

## TUITION FEES

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

## I. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

## A. Ordinary degree of B.Ag.Sc.:

- (a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination in a subject taken separately:
- |  |          |
|--|----------|
| For a subject in Group A - - - - -   | \$90     |
| For a subject in Group B, Group C, or Group D except Agriculture I, Biometry IA, Agricultural Microbiology and Genetics II - - - - - | \$120    |
| For Agriculture I, Biometry IA, each - - -   | \$48     |
| For Agricultural Microbiology - - - - -  | \$60     |
| For Genetics II - - - - -  | \$172.50 |
- (b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$345.
- (c) For a special examination in any subject - - - \$20

Note: The fee for compulsory tours (\$100) in Agriculture III is additional to the fees above.

## B. Honours degree of B.Ag.Sc.:

For the final-year Honours work in any subject - \$300

## II. DEGREE OF BACHELOR OF APPLIED SCIENCE

## A. Ordinary degree of B.App.Sc.:

- (a) For attendance at lectures, practical work, thesis or other work and annual examination in a subject taken separately: the fee prescribed in the Schedules of subjects for the degree (see Clauses 5 to 10); provided that the total fee for a standard academic year's work in any one year shall not exceed \$345.
- (b) For a special or supplementary examination (theoretical or practical, or both) in any subject \$20

## B. Honours degree of B.App.Sc.:

For the additional Honours work and examination (see Clause 12) - - - - - \$300

## III. DEGREE OF BACHELOR OF ARCHITECTURE

- A. Ordinary degree of B.Arch.:
- (a) For each year's work, including one annual examination - - - - - \$345
  - (b) For a supplementary or special examination (theoretical or practical, or both) in any subject \$20
  - (c) For subjects taken separately: \$90 each up to a maximum of the annual fee of \$345 for the full year's course.
- B. Honours degree of B.Arch.:
- For the additional Honours work and examination - \$105

## IV. DEGREE OF BACHELOR OF ARTS

- A. Ordinary degree of B.A.:
- (a) For attendance (or re-attendance) at lectures, tutorial and practical work, and the annual examination:
    - (i) a first-year subject (excluding Science subjects) - - - - - \$84
    - (ii) a second-year subject (excluding Law and Science subjects) - - - - - \$105
    - (iii) a third-year subject (excluding Science subjects) - - - - - \$150
  - (b) A Law or Science subject: the fee prescribed in the Schedule of Fees for the degrees of Bachelor of Laws or Bachelor of Science, as the case may be.
- Notes:
- (i) For the purpose of this Schedule, Elementary Greek is classified as a first-year subject.
  - (ii) The following subjects are classified as second-year: Ancient History, Australian History, Australian Literature, Mathematical Statistics I, Old and Middle English I, Old and Middle French I.
  - (iii) The following subjects are classified as third-year: Mathematical Statistics II, Comparative Philology, Old and Middle English II, Old and Middle French II.
  - (iv) Honours Mathematics III counts as two third-year subjects and the fee is \$300.
- (c) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$300.
  - (d) For a special examination in any subject - - \$20

- (e) For an annual examination in a subject with exemption from attendance or re-attendance at classes: half the fee prescribed in Section (a) of this Schedule.

B. Honours degree of B.A.:

- (a) For the interim Honours work in the second and third years - - - - - \$90
- (b) For the final-year Honours work and examination \$300

Notes: (i) The total fee for the four-year course for the Honours degree payable by a student entering the University in 1968 (or a later year) is \$1,200. Such a student who pays fees aggregating less than \$900 during the first three years will be required, when enrolling for the fourth-year work, to pay in addition to the fee of \$300 a sum equal to the difference between the total fees that he has paid and \$900. He may therefore find it convenient to pay a total fee of \$300 in each of the first three years of the course.

(ii) A candidate who by the end of 1967 has completed all the work required in the first three years of the four-year course will be required to pay \$300 for the fourth-year work.

(iii) A candidate entering in 1968 (or a later year) upon the second or third year of the four-year course, having passed in four first-year subjects in or before 1967, will be required to pay \$300 for each remaining year's work. Such fee will include all Ordinary degree subjects and interim Honours work taken in each year.

(iv) An intending candidate for the Honours degree who has paid \$300 in each or either of the second and third years and withdraws from the Honours course before entering upon the fourth year's work will be refunded such amount as represents the difference (if any) between \$300 and the fees for the Ordinary degree subjects and the interim Honours work that he has undertaken.

(v) A candidate who does not come within the provisions of (ii), (iii) or (iv) should apply in writing to the Academic Registrar to have his position determined.

V. DEGREE OF BACHELOR OF DENTAL SURGERY

A. Ordinary degree of B.D.S.:

- (a) For attendance (or re-attendance) at lectures, practical work and annual examination:
  - First year (for less than four subjects, the fee for each subject will be as prescribed for such subjects in the Schedules of the degree of Bachelor of Arts or Bachelor of Science, as appropriate) - - - - - \$345
  - Each subsequent year - - - - - \$375
- (b) For attendance at lectures, practical work and a Final Examination, not being an annual examination, under Regulation 10 - - - - - \$187.50
- (c) For a supplementary examination in Clinical Dentistry I - - - - - \$48
- (d) For a supplementary examination in any other subject - - - - - \$20

B. Honours degree of B.D.S.:

- For the year's Honours work and examination - - - \$300

Note: The following additional fees are payable by dental students:

- (i) For the hire of microscopes, in each of the second, third, fourth and fifth years - - - - - \$12



- (ii) For the hire of dental instruments, in each of the third, fourth and fifth years (in addition to a deposit, payable at the beginning of the third year, of \$20) - - - - - \$40

#### VI. DEGREE OF BACHELOR OF ECONOMICS

##### A. Ordinary degree of B.Ec.:

- (a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination:
- (i) For subjects which are included in the Schedule for the degree of Bachelor of Arts: the fees prescribed in that Schedule.
  - (ii) For Economics I, Economic Geography, Elements of Accounting and Mathematics (Economics), each - - - - - \$84
  - (iii) For each other subject - - - - - \$105
- (b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$300.
- (c) For a special examination in any subject - - - \$20
- (d) For an annual examination in a subject with exemption from attendance (or re-attendance) at classes: half the full fee for that subject.

##### B. Honours degree of B.Ec.:

- For the final-year Honours work and examination - \$300

#### VII. DEGREE OF BACHELOR OF ENGINEERING

##### A. Ordinary degree of B.E.:

- (a) For attendance at lectures, practical work and annual examination: those prescribed in the schedules of subjects for the degree (see Clauses 5-8); provided that the total fee for a standard academic year's work in any one year shall not exceed \$345.
- (b) For a special examination (theoretical or practical, or both) in any University subject - - - \$20
- (c) For subjects and examinations of the South Australian Institute of Technology: as prescribed by that institution.

##### B. Honours degree of B.E.:

- For the special Honours work, including examinations (see Clause 11). - - - - - \$150

##### C. For admission to the degree - - - - - \$20

Note: The cost of attendance on excursions and/or at camps is not included in the fees listed above or in the annual fee. See separate statement on page 690.

## VIII. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

## A. Ordinary degree of LL.B.:

- |  |       |
|--|-------|
| (a) For attendance (or re-attendance) at lectures and examinations in each of Elements of Law, Constitutional Law I and Criminal Law and Procedure -                   | \$120 |
| (b) For attendance (or re-attendance) at lectures and examination in each other subject of the course except Legal History and Legal Ethics and Accounts - - - - -     | \$90  |
| (c) For attendance (or re-attendance) at lectures and examination in Legal History - - - - -   | \$45  |
| (d) For attendance at the course of lectures in Legal Ethics and Accounts - - - - -  | \$40  |
| (e) For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts. |       |
| (f) For a supplementary examination in any subject -   | \$20  |

Provided that the total tuition fee for a standard academic year's work in any one year shall not exceed \$345.

## B. Honours degree of LL.B.:

For the additional examination required - - -	\$60
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## C. For attendance at the course of lectures in Taxation

Law - - - - -	\$51
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## IX. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Honours degree - - - - -	\$300
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## X. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

## A. For attendance (or re-attendance) at lectures, practical work and annual examination:

- |  |       |
|--|-------|
| (a) In the first year - - - - -  | \$345 |
| For less than four subjects, the fee for each subject will be as prescribed for such subjects in the Schedules of the degree of Bachelor of Arts or Bachelor of Science, as appropriate. |       |
| (b) In each of the second, third, fourth, fifth and sixth years - - - - -  | \$375 |

## B. For a supplementary examination:

- |   |      |
|---|------|
| (a) In any subject of the Preliminary, First Professional and Second Professional Examination - | \$20 |
| (b) In any subject of the Final Professional Examination, Parts I and II - - - - -              | \$40 |

Note: Students who are required to take a supplementary examination in more than one subject of the Final Professional Examination will be required to pay a full year's tuition fee.

## XI. DEGREE OF BACHELOR OF MUSIC

A. Ordinary degree of B.Mus.:	
(a) For each year's work and examination - -	\$300
(b) For a supplementary examination in any subject -	\$20
(c) For Chief Practical Study taken separately - -	\$150
(d) For each other subject taken separately (up to a maximum of the annual fee of \$300 for the full year's course) - - - - -	\$84
(e) For a subject taken separately which is included in the Schedules for the degree of Bachelor of Arts or for the degree of Bachelor of Science: the fee prescribed in the relevant Schedule.	
B. Honours degree of B.Mus.:	
For the Honours work and final Honours examination	\$300

## XII. DEGREE OF BACHELOR OF PHARMACY

A. For attendance at lectures, practical work, and annual examinations in any subject: the fee prescribed in the schedule of subjects.	
B. For a special examination (theoretical or practical or both) in any subject - - - - -	\$20

## XIII. DEGREE OF BACHELOR OF SCIENCE

A. Ordinary degree of B.Sc.:	
(a) For attendance (or re-attendance) at lectures, tutorial and practical work and the annual examination in a subject taken separately:	
For a subject in Group A - - - - -	\$90
For a subject in Group B - - - - -	\$120
For a subject in Group C - - - - -	\$172.50
For a subject in Group D - - - - -	\$345
For a composite subject in lieu of a subject from Group C - - - - -	\$172.50
(b) The fees prescribed in Section (a) of this Clause are subject to the proviso that the total fee for a standard academic year's work in any one year shall not exceed \$345.	
(c) For a special examination in any subject - -	\$20
B. Honours degree of B.Sc.:	
For the final-year Honours work in any subject - -	\$300

Note: The foregoing amount, which does not include the fees for pass work, is inclusive of all fees payable for courses taken at the University, which the Faculty deems necessary for the Honours course in the School selected.

C. For Science German - - - - - \$15

Notes: The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 690.

The fees for the course in Forestry at the Australian National University are not included in this Schedule.

#### XIV. DEGREE OF BACHELOR OF TECHNOLOGY

- A. For attendance at lectures, practical work, and annual examination in any subject: the fee prescribed in the schedule of subjects for the degree.
- B. For a special or supplementary examination (theoretical or practical or both) in any subject - - - \$20

#### XV. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

- A. On approval of the subject of the thesis - - - \$10
- B. Annual Registration Fee:  
 For full-time work in the University - - - \$150  
 For part-time work in the University - - - \$51  
 For external work - - - \$30
- C. On submission of the thesis for examination or re-examination or on entry for any examination required \$30

#### XVI. DEGREE OF MASTER OF APPLIED SCIENCE

- A. On approval of the subject of the thesis - - - \$10
- B. Annual Registration Fee:  
 For full-time work in the University - - - \$150  
 For part-time work in the University - - - \$51  
 For external work - - - \$30
- C. On submission of the thesis for examination or re-examination or on entry for any examination required - \$30

#### XVII. DEGREE OF MASTER OF ARCHITECTURE

- A. On approval of the subject of the thesis - - - \$10
- B. Annual Registration Fee:  
 For full-time work in the University - - - \$150  
 For part-time work in the University - - - \$51  
 For external work - - - \$30
- C. On submission of the thesis for examination or re-examination or on entry for any examination required - \$30

## XVIII. DEGREE OF MASTER OF ARTS

A. Under Regulation 2(b) and (c):		
(i) For internal study for all work required:		
By full-time study for one year	- - -	\$180
By part-time study extending at least two years, annually	- - -	\$90
(ii) For external study of all work required	- - -	\$90
B. Under Regulation 3:		
On approval of the subject of the thesis or of the course of study	- - -	\$10
C. Under Regulation 3:		
Annual Registration Fee:		
For full-time work in the University	- - -	\$150
For part-time work in the University	- - -	\$51
For external work	- - -	\$30
D. Under Regulation 3:		
On submission of the thesis for examination or re- examination	- - -	\$30
Provided that for a candidate in Classics the fee of \$30 shall include also the fee for the examination required.		

## XIX. DEGREE OF MASTER OF BUSINESS MANAGEMENT

A. For each seminar course	- - -	\$60
For the subject Investment Planning and Business Finance	- - -	\$45
B. On approval of the subject of the dissertation	- - -	\$10
C. Annual Registration Fee for dissertation work:		
For full-time work in the University	- - -	\$150
For part-time work in the University	- - -	\$51
For external work	- - -	\$30
D. On submission of the dissertation for examination or re- examination	- - -	\$30

## XX. DEGREE OF MASTER OF DENTAL SURGERY

A. On approval of the subject of the thesis	- - -	\$10
B. Annual Registration Fee:		
For full-time work in the University	- - -	\$150
For part-time work in the University	- - -	\$51
For external work	- - -	\$30
C. On submission of the thesis for examination or re- examination, or on entry for any examination required		\$30

## XXI. DEGREE OF MASTER OF ECONOMICS

A. Under Regulation I(c) and 2(b)(i):	
(i) For internal study for all work required:	
By full-time study for one year - - - -	\$180
By part-time study extending over at least two years, annually - - - - -	\$90
(ii) For external study of all work required - -	\$90
B. On approval of the subject of the thesis or dissertation	\$10
C. Annual Registration Fee for thesis or dissertation work:	
For full-time work in the University - - - -	\$150
For part-time work in the University - - - -	\$51
For external work - - - - -	\$30
D. On submission of the thesis or dissertation for examina- tion or re-examination - - - - -	\$30

## XXII. DEGREE OF MASTER OF EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject prescribed in Schedule I - - - - -	\$42
B. For an annual examination in a subject prescribed in Schedule I with exemption from attendance or re- attendance at lectures - - - - -	\$21
C. For a special examination in a subject prescribed in Schedule I - - - - -	\$15
D. On approval of the subject of the thesis, or the subjects of the dissertation and examination - - - - -	\$10
E. Annual Registration Fee for work on the thesis or for work for the dissertation and examination:	
For full-time work in the University - - - -	\$150
For part-time work in the University - - - -	\$51
For external work - - - - -	\$30
F. On submission of the thesis or the dissertation, includ- ing entry for the associated examination - - - -	\$30
G. On submission of the thesis or dissertation for re-exami- nation, or on entry for any further examination required	\$30

## XXIII. DEGREE OF MASTER OF ENGINEERING

A. On approval of the subject of the thesis - - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - - -	\$150
For part-time work in the University - - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re- examination or on entry for any examination required -	\$30

## XXIV. DEGREE OF MASTER OF LAWS

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination or on entry for any examination required -	\$30

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## XXV. DEGREE OF MASTER OF MUSIC

A. For work in Part A.	
1. For the Honours work and examinations as prescribed in the Schedules for the Honours degree of Bachelor of Music.	
2. For work prescribed under Regulation 4(b):	
By full-time study for one year - - -	\$180
By part-time study extending over at least two years, annually - - - - -	\$90
By external study of all work required - - -	\$90
B. For work in Part B:	
On acceptance as a candidate in Part B - - -	\$10
2. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$90
3. On entry for examinations in Part B - - -	\$30

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## XXVI. DEGREE OF MASTER OF SCIENCE

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis for examination or re-examination or on entry for any examination required -	\$30

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## XXVII. DEGREE OF MASTER OF SURGERY

A. On approval of the subject of the thesis - - -	\$10
B. Annual Registration Fee:	
For full-time work in the University - - -	\$150
For part-time work in the University - - -	\$51
For external work - - - - -	\$30
C. On submission of the thesis - - - - -	\$50
D. On entry for the oral examination (if required) - -	\$30

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## XXVIII. DEGREE OF MASTER OF TOWN PLANNING

A. Annual fee for courses of study:		
For candidates by full-time study	- - - -	\$345
For candidates by part-time study	- - - -	\$115
B. For re-examination in a course of study	- - - -	\$30
C. On approval of the subject of the thesis	- - - -	\$10
D. Annual Registration Fee for work on theses:		
For full-time work in the University	- - - -	\$150
For part-time work in the University	- - - -	\$51
For external work	- - - -	\$30
E. On submission of thesis for examination or re-examination, or on entry for any examination required	- - - -	\$30

## XXIX. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis	- - - - -	\$75
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## XXX. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis	- - - - -	\$75
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## XXXI. DEGREE OF DOCTOR OF LETTERS

On presentation of the thesis	- - - - -	\$75
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## XXXII. DEGREE OF DOCTOR OF MEDICINE

A. On approval of the subject of the thesis	- - - -	\$10
B. Annual Registration Fee:		
For full-time work in the University	- - - -	\$150
For part-time work in the University	- - - -	\$51
For external work	- - - -	\$30
C. On submission of the thesis	- - - -	\$50
D. On entry for the oral examination (if required)	- - - -	\$30

## XXXIII. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise	- - - - -	\$37.50
On entering for the Final Examination	- - - - -	\$37.50

## XXXIV. DEGREE OF DOCTOR OF PHILOSOPHY

A. On acceptance as a candidate	- - - - -	\$10
B. For each year's work from enrolment until submission of the thesis (incomplete years will be charged at the rate of \$12.50 for each month or part thereof)	- - - - -	\$150
C. On submission of the thesis for examination or re-examination	- - - - -	\$50



## XXXV. DEGREE OF DOCTOR OF SCIENCE

On presentation of the thesis - - - - - \$75

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## XXXVI. DIPLOMA OF ASSOCIATE IN ARTS AND EDUCATION

- A. For each subject from Schedule I of the degree of Bachelor of Arts: the fee prescribed in Schedule V of the degree of Bachelor of Arts.
- B. For attendance (or re-attendance) at lectures and annual examination in each professional subject set out in Schedule I above - - - - - \$42
- C. For an annual examination with exemption from attendance or re-attendance at lectures - - - - - \$21
- D. For a special examination in any subject - - - - - \$20
- 

## XXXVII. DIPLOMA IN COMPUTING SCIENCE

- A. For attendance (or re-attendance) at lectures and practical work and an annual examination in either Course A or Course B in Computing Science - - - - - \$300
- B. For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately:  
 Numerical Analysis, Programming Languages, Computer Mathematics, Theory of Systems and Data Processing, each - - - - - \$90
- C. For an annual examination with exemption from attendance (or re-attendance) at lectures in any one of the subjects listed in Section B above - - - - - \$45
- D. For a supplementary or special examination in any one of the subjects listed in Section B above - - - - - \$20
- E. For the course of practical work - - - - - \$90
- 

## XXXVIII. DIPLOMA IN EDUCATION

- A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - - - \$42
- B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - - \$21
- C. For a special examination - - - - - \$15
- D. For the course in Practical Teaching and Methodology B - - - - - \$42
-

## XXXIX. DIPLOMA OF ASSOCIATE IN MUSIC

A. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	\$300
B. For a Principal Study taken separately - - - -	\$150
For a Second Study taken separately - - - -	\$90
For each other subject taken separately: \$60 up to a maximum of the annual fee of \$300 for the full year's course.	
C. For a supplementary examination in any subject of a year's work - - - - -	\$20

## XL. DIPLOMA IN PHARMACY

A. For individual subjects: the fee as prescribed in the Schedule of subjects.	
B. For a special or supplementary examination (theoretical or practical, or both) in any subject - - - -	\$20

## XLI. DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION

A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the Schedules for the degree of Bachelor of Arts and Bachelor of Science.	
B. For the subjects included under Regulation 3(b): \$600, payable in two annual instalments of \$300 each.	
C. For subjects taken separately:	
Second-year Course:	
Health Education - - - - -	\$45
Body Mechanics - - - - -	\$30
First Aid - - - - -	\$4
Practice of Physical Education - - - - -	\$60
Practical Work, Part I - - - - -	\$90
Education - - - - -	\$90
Human Biology - - - - -	\$90
Third-year Course:	
Clinical Observation and Remedial Work - - - -	\$45
Principles of Physical Education - - - - -	\$60
Practical Work, Part II - - - - -	\$90
Physiological Psychology - - - - -	\$45
Human Nutrition - - - - -	\$45
Human Physiology - - - - -	\$90
D. For each section of either part of the Practical Work -	\$24
E. For the course in Practical Teaching - - - -	\$45
F. For a supplementary examination in any subject - -	\$20

## XLII. DIPLOMA IN PHYSIOTHERAPY

- |   |       |
|---|-------|
| A. For each year's work, including one annual examination | \$300 |
| B. For a supplementary examination in any subject - - -   | \$20  |

Note: The annual fee includes the fee of \$2.50 payable to the Royal Adelaide Hospital, and the fee of \$2.10 payable to the Adelaide Children's Hospital, for admission to Hospital practice.

## XLIII. DIPLOMA IN PUBLIC ADMINISTRATION

- |   |      |
|---|------|
| A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics. |      |
| B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -  | \$45 |
| C. For a supplementary examination in Public Finance -  | \$20 |

## XLIV. DIPLOMA IN SOCIAL STUDIES

- |  |       |
|--|-------|
| A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degree of Bachelor of Arts and Bachelor of Economics. |       |
| B. For attendance (or re-attendance) at lectures and examination:  |       |
| In Social Work II - - - - -  | \$135 |
| In Field Work - - - - -  | \$45  |
| In each other subject - - - - -  | \$90  |
| C. For attendance as a graduate without examination in Social Work I - - - - -   | \$45  |

## 6. RULES

## RULES FOR THE UNIVERSITY LIBRARY

## I. OPENING AND CLOSING OF THE LIBRARY

1. Except on Saturdays, Sundays, public holidays and such other occasions as the Council may direct that it be closed, the Library shall be open from 9 a.m. to 5 p.m. During the academic year it shall also be open from 9 a.m. to 12 noon on Saturdays, from 1.30 p.m. to 5.30 p.m. on Sundays, and to 10 p.m. on such days as the Library Committee may direct.

## II. PERSONS ENTITLED TO USE THE LIBRARY

2. The following persons are entitled to read in the Library:—

Members and past members of the Council.

Graduates of the University or of universities recognised by the University.

Members, full-time or part-time, of the academic staff of the University, and members of any Faculty or Board of Studies of the University.

Officers of the administrative staff.

Heads and Deputy Heads of affiliated colleges.

Professional officers, laboratory managers and senior laboratory technicians.

Students enrolled for courses of study in the University.

3. Other persons who wish to study in the Library may, after application to the Librarian, be permitted by the Library Committee to do so for specified periods.

## III. CONDUCT OF READERS

4. Books are not to be removed from the Library, except in accordance with the provisions of Section IV.

5. (a) Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure a book in any way, may be excluded by the Librarian or officer in charge, and shall make good any damage caused; they may also be deprived of the use of the Library for such time as the Council may determine. The Librarian may impose a fine not exceeding \$10 for any misconduct or breach of the rules, or he may report any misconduct or offence to the Board of Discipline for such action as the Board may think fit. If he impose a fine he shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of its imposition.

(b) Bags or cases may not be taken into the Library.

(c) A person may not reserve a reading place during his absence from the Library.

(d) Smoking in the Library is not permitted, except in the rooms prescribed by the Committee.

## IV. BORROWING OF BOOKS

6. The following persons are entitled to borrow books and periodicals:—

Members and past members of the Council.

Professors, readers, senior lecturers, lecturers, senior research fellows, research fellows, post-doctoral fellows, senior tutors, senior demonstrators, tutors, demonstrators, and other persons of equivalent status holding full-time or part-time teaching or research appointments in the University.

The Registrar, Academic Registrar and Bursar.

Heads and Deputy Heads of affiliated colleges.

Professional officers, laboratory managers and senior laboratory technicians.

Such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve.

7. (a) Postgraduate students and research scholars enrolled as candidates for higher degrees may borrow books (and periodicals in accordance with Clause 16) on lodging with the Registrar's Department a deposit of \$5 in security for the due return of books and payment of any fines or penalties that may be incurred.

(b) Undergraduates and students proceeding to diplomas in the University who have paid the general service fee appropriate to their course may borrow books, but not periodicals, without lodging a deposit.

(c) Graduates of the University or of other universities approved by the University, and such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve, may borrow books from the Barr Smith Library only, on lodging the deposit referred to in section (a) of this clause and on paying in addition an annual fee of \$2.50. They may not borrow periodicals.

(d) The deposit required of borrowers named in section (a) or (c) of this clause will, subject to any deductions incurred in accordance with these Rules, be returned to the borrower after application in writing to the Librarian. The application shall include a statement that the borrower no longer wishes to borrow.

(e) Borrowing under this clause shall be subject to the following conditions except by special arrangement:

(i) No borrower shall be allowed to have in his possession more than six volumes belonging to the Library.

(ii) Every book borrowed from the Library must be returned within fourteen days. The loan may be renewed once only for a further period of fourteen days at the discretion of the Librarian if in the meantime there has been no other application for the book. The penalty for keeping any volume beyond the specified time is fifteen cents a day.

(iii) Any book may be marked temporarily for loan for less than fourteen days. The penalty for keeping any such volume beyond the specified time is thirty cents a day.



- (iv) Temporarily reserved books may be borrowed in the period beginning one hour before and ending fifteen minutes before the Library is closed, and must be returned no later than fifteen minutes after the Library is next opened. The penalty for keeping any such volume beyond the specified time is thirty cents an hour.
- (v) Volumes borrowed personally from the Library must be returned to the Library by hand. The penalty for return by any other means (e.g., by post) will be twenty-five cents a volume.

8. For each book borrowed a voucher must be filled in and deposited with the Librarian. No book may, in any circumstances, be taken out of the Library until a borrowing voucher has been given for it. Any infringement of this rule renders the borrower liable to a fine not exceeding \$10 a volume.

9. Notwithstanding clause 7 (e) (ii) and (iii) above, the Librarian may recall a book at any time, and thereupon the book must be returned within three days of the date of the notice. The penalty for keeping any such volume beyond the specified time is fifteen cents a day in the case of a book lent for at least fourteen days, and thirty cents a day in the case of a book lent for a shorter period.

10. A penalty for the late return of a book may be paid in the Library as the book is returned and before an invoice is issued. In this case the penalty mentioned in clause 7 (e) (ii) and (iii) above for late return of a volume is reduced by five cents a day, and that mentioned in clause 7 (e) (iv) above by five cents an hour.

11. All publications on loan from the Library shall be returned on a date to be fixed each year by the Chairman of the Library Committee and the Librarian for the annual check. The Library shall be closed for borrowing during the period needed to complete the annual check.

12. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council, be fined or deprived of the use of the Library.

13. So long as any fine remains unpaid, or so long as any person keeps a book to which he is not entitled, the right of the defaulter to use the Library is suspended.

14. No book shall be borrowed until it has been in the Library seven days. Otherwise, any book except those specially reserved may be borrowed. Specially reserved books may be borrowed only by permission of the Library Committee.

15. No periodical shall be borrowed until it has been in the Library seven days. No unbound periodical then borrowed for departmental circulation or for personal use may be retained for more than seven days.

16. Only persons listed in clause 6 are entitled to borrow periodicals, bound or unbound. Other members of the teaching and research staff, and postgraduate students enrolled as candidates for higher degrees, may borrow bound and unbound periodicals on production of their borrower's cards suitably endorsed. Students who are enrolled in the fourth or a later year of a course for a degree may borrow from the Barr Smith Library bound volumes of periodicals related to their courses on production of their borrower's cards suitably endorsed. (This provision does not necessarily apply to the Medical Library and the libraries within the Faculties of Agricultural Science, Law and Music.)

17. Except as provided in clause 7 (e) (iv) books may be borrowed until thirty minutes before closing time on week-days and until fifteen minutes before closing time on Saturdays and Sundays.

18. No publications lodged in departments of the University by permission of the Library Committee may be borrowed for use outside the departments except through the Barr Smith Library.

19. The Council may vary any of the foregoing rules at any time either in specific cases or generally.

#### V. RULES FOR THE MUSIC LIBRARY

20. Teachers in the Elder Conservatorium are entitled to borrow books or music from the Library. Students may borrow music on the written recommendation of a teacher, but must not have in their possession more than two copies at the same time.

21. In all other respects the foregoing rules of the University Library shall apply to the Music Library.

#### VI. RULES FOR THE MEDICAL AND LAW LIBRARIES

22. Medical graduates who are members of the Australian Medical Association (S.A. Branch), dental graduates who are members of the Australian Dental Association (S.A. Branch) and members of the Australian Physiotherapy Association (S.A. Branch) shall be entitled to use the Medical Library in accordance with the terms of the agreements between the Branches and the University. The agreements may be seen in the Medical Library.

23. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council August, 1968.

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LABORATORY RULES AND  
RULES APPLICABLE TO STUDENTS ON UNIVERSITY  
PREMISES

A. GENERAL

1. The attention of all students is drawn to the by-laws made under the University of Adelaide Act Amendment Act, which are published in the University Calendar and are exhibited on notice boards throughout the University.

2. The Head of a Department may exclude any student from any class in that Department for any cause he shall deem sufficient; and he shall report every such exclusion, and the grounds for it, to the Council through the Chairman of the Board of Discipline. The Council may reverse, vary or confirm the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

3. The possession of fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

B. LABORATORIES

1. For students taking regular courses involving laboratory work in the University an appropriate laboratory will be open daily during term time (Saturdays and holidays excepted) at such hours as shall be considered necessary by the Head of the Department concerned. Persons engaged in advanced work or original research may work at such additional times as the Head of the Department may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the Head of the Department may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Whenever necessary and possible, each student will have a definite working place and locker or drawer assigned to him, which he may not change without permission. To avoid congestion, students should not move about the laboratories unnecessarily.

4. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

5. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

6. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

7. Large or expensive pieces of apparatus will be supplied for use by students only on condition that any damage or breakage is to be made good by the student causing the damage or breakage, on such basis as the Head of the Department may determine.



8. No experiments of a dangerous nature may be performed without the express sanction of the Head of the Department concerned.

9. Any accident must be reported at once to the person currently in charge of the laboratory.

10. The Head of a Department may impose a fine not exceeding \$10 for any breach of discipline, misconduct, misuse of apparatus or reagents, or waste of gas, water or electricity. He shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of the time of its imposition.

Approved by the Council, April, 1958.

### LABORATORY TESTING

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

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## RULES FOR STUDENTS USING THE NAPIER BIRKS ROOM

1. *Conduct of users*

The room is to be used for purposes of study only. Users must refrain from conduct which will interfere with the comfort of other users. Footwear which may damage the floor must not be worn.

2. *Persons entitled to use the room*

The room is available for use by students enrolled for second-year or subsequent subjects in the Departments of Economics and Commerce.

3. *Times of use*

During the academic year the room will be open between 9 a.m. and 10 p.m. on Mondays to Fridays, and from 9 a.m. to 12 noon on Saturdays. At all other times the room will be open during such hours as the Dean of the Faculty of Economics may determine.

4. *Use of books, periodicals, statistical material*

All such material must be returned to the desk of the Supervisor after use.

*In no circumstances* may such material be removed from the room.

5. *Use of calculating machines*

Calculating machines may be used by students only with the permission of a member of the lecturing staff; except that in the case of students presenting for Economic Statistics I, II or Final Honours, permission to use specific machines for the year will be given by the lecturer. After use, machines must be cleared, switched off and covered; and the plugs must be removed from the powerpoint.

6. *General*

Any student not observing the above rules shall be subject to disciplinary action.

Approved by the Council, April, 1961.

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## RULES OF THE COMPUTING ANNEXES

1. *Definitions*

These rules shall apply to such Computing Annexes as may be established by the University from time to time and to the input areas of the Computing Centre which for this purpose are defined as Computing Annexes; and the word "Director" refers to the Director of the Computing Centre.

2. *Persons entitled to use the computing annexes*

The Computing Annexes will be available for use by: (a) members of the University staff; (b) research students for projects which have been approved by the Head of the Department concerned; (c) undergraduate students for work approved by the Director and the Head of the Department concerned; and (d) such other persons engaged in business with the Computing Centre as the Director may approve.

3. *Opening and closing of computing annexes*

(a) The Computing Annexes will normally be open daily except on Saturdays, Sundays and Public Holidays; and during term they may be open on Saturday mornings also.

(b) The normal hours during which an Annex will be open are from 9 a.m. to 5 p.m., Mondays to Fridays throughout the year, and from 9 a.m. to 12 noon on Saturdays during term as the Director prescribes. Persons engaged on advanced work or original research may work in them at such additional times as the Director may approve.

(c) In case of emergency the Director may close an Annex at any time for such period as he deems necessary; and on special occasions he may open an Annex outside the normal hours in such circumstances and for such periods as he may approve and determine, but no change shall be made in the normal hours except with the approval of the Computing Centre Committee.

4. *Conduct of users*

i. Persons using the Computing Annexes shall not engage in conduct which may interfere with the performance of their work by other users;

ii. Paper and refuse of any kind must be placed in receptacles provided for the purpose;

iii. Users will be responsible for ensuring that equipment and work places are left clean and tidy after use;

iv. Any apparatus or equipment made from materials supplied by the University shall remain the property of the University.

v. Large or expensive pieces of equipment may be used only with the consent of the Director or an authorised officer of the Computing Centre and then only on condition that the user undertakes to make good, on such basis as the Director may determine, any damage to or breakage of the equipment;

vi. Any apparatus or machine failure must be reported immediately to the person currently in charge of the Annex;

vii. The Director may impose a fine not exceeding \$10 for any breach of discipline, misconduct, misuse of equipment or for waste of paper, cards or electricity. He shall report, in writing to the Registrar, the amount of such fine and the reason for it. The fine shall be paid to the University within seven days of the time of its imposition;

viii. The person in charge of the Annex may exclude any person for any cause which he shall deem sufficient and he shall report every such exclusion, and the cause for it, to the Director. The Director may extend the exclusion beyond a particular day, but in such cases he shall notify the person concerned in writing and shall report the exclusion, and the cause for it, to the Council through the Chairman of the Board of Discipline. The Council may set aside, vary, or confirm the exclusion upon such terms as it shall think fit.

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## RULES FOR THE CONDUCT OF EXAMINATIONS

1. No candidate will be allowed to enter the examination room during any examination more than half-an-hour after the time fixed for the beginning of the written or practical work in that examination.

2. No candidate will be allowed to leave the examination room during any examination before half-an-hour has elapsed from the time fixed for the beginning of the written or practical work in that examination, nor during the last quarter of an hour.

3. Any candidate who shall leave the examination room shall be allowed to return to it during that examination only at the absolute discretion of the Officer-in-Charge. A candidate who wishes to leave the room temporarily *must therefore obtain the consent of a Supervisor before doing so.*

4. The attention of candidates is drawn to the following statute:

"A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examination or otherwise, as the Council may determine."

5. When the five-minute warning before the end is given, all candidates *must remain seated* until their books have been collected. No candidate may leave his or her seat until all answers have been collected and the announcement is made that candidates may leave the room.

## INSTRUCTIONS TO CANDIDATES

1. Read carefully the directions printed on the front of the examination answer book and any directions that may be printed at the head of the examination paper.

2. Communicating with Examiners prior to the publication of the examination results is forbidden. Candidates who feel that they have a genuine claim for enquiry should state their cases in writing to the Registrar.

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1969

**PART V**

SYLLABUSES AND TIME-TABLES

	PAGE
Syllabus numbers – Description - - - - -	752
Syllabuses—	
Agricultural Science - - - - -	753
Architecture and Town Planning - - - - -	767
Arts <i>and</i> Education - - - - -	790
Dentistry - - - - -	850
Economics <i>and</i> Commerce - - - - -	858
Engineering - - - - -	876
Law - - - - -	906
Medicine <i>and</i> Medical Science - - - - -	917
Music - - - - -	925
Physical Education - - - - -	940
Physiotherapy - - - - -	946
Science <i>and</i> Computing Science - - - - -	953
Social Studies - - - - -	998
Technology <i>and</i> Applied Science - - - - -	1000
Time-tables - - - - -	1077
Table of Departments - - - - -	1100
Table [Alphabetical Index] of Subjects - - - - -	1101
Table [Alpha-numeric Index] of Syllabus Numbers - - - - -	1107

## SYLLABUS NUMBERS—DESCRIPTION

## SYSTEM

Each number comprises two letters followed by two digits, e.g. AE12.

The first letter identifies the Faculty or Board of Studies controlling the subject.

The second letter (except in Music and Technology: q.v.) identifies the Department teaching the subject.

The two digits have meanings which vary according to the Faculty or Board of Studies concerned, and which are explained at the head of each Faculty or Board group of syllabuses.

## CODE LETTERS

<i>Faculty or Board of Studies</i>	<i>Code Letter</i>	<i>Page</i>
Agricultural Science	W	753
Architecture and Town Planning	R	767
Arts	A	790
Dentistry	D	850
Economics	E	858
Engineering	N	876
Law	L	906
Medicine	M	917
Music	U	925
Physical Education*	Z	940
Physiotherapy*	P	946
Science	S	953
Social Studies*	O	998
Technology and Applied Science	T	1000

\* Board of Studies.

For list of Departments within a Faculty or Board of Studies, with their departmental code letters, see list at head of each Faculty or Board group of syllabuses.



**SYLLABUSES OF SUBJECTS FOR DEGREE AND DIPLOMA  
COURSES, 1969**

Students are expected to procure the latest edition of all text-books prescribed.

**FACULTY OF AGRICULTURAL SCIENCE**

**SYLLABUS NUMBERS**

The first letter identifies the Faculty of Agricultural Science: W

The second letter identifies the Department or sub-department teaching the subject, as follows:

Agricultural Biochemistry	Biometrics	...	...	...	Y	
and Soil Science	...	B	Entomology	...	...	E
Agromony	...	...	Plant Pathology	...	...	P
Animal Physiology	...	N	Plant Physiology	...	...	F

**The first digit**

0-6: Indicates that the subject may form part of a sequence.

7-9: Indicates that the subject does not form part of a sequence.

**The second digit**

1, 2, 3 or 4: Indicates year of subject, e.g. first, second, third or fourth.  
(5-8: Not used).

9: Indicates Final Honours.

**NOTE:**

Some subjects for the degree of B.Ag.Sc. are taught by Departments of the Faculties of Economics and Science. In the syllabus numbers of those subjects the two digits do not necessarily have the significance shown above.

For syllabuses of the following subjects, see under Faculty of Economics:

**EE02 Economics II.**

**EE22 Economic Statistics I.**

For syllabuses of the following subjects, see under the relevant department of the Faculty of Science:

**SY02 Biochemistry I.**

**SG02 Geology II.**

**SZ71 Biology.**

**SM71 Mathematics IS.**

**SB01 Botany I.**

**SM01 Mathematics I.**

**SB02 Botany II.**

**SM02 Pure Mathematics II.**

**SC01 Chemistry I.**

**SM12 Applied Mathematics II.**

**SC12 Chemistry II.**

**SP01 Physics I.**

**SJ02 Genetics I.**

**SZ01 Zoology I.**

**SJ03 Genetics II.**

**SZ02 Zoology II.**

**SG01 Geology I.**



**WB03. Agricultural Biochemistry I.**

Pre-requisite subjects: A Division I pass or higher in Chemistry II (SC12) or in Biochemistry I (SY02).

A course of two hours lectures and five hours practical work a week for three terms dealing with the chemistry and intermediary metabolism of micro-organisms, plants and animals. Topics include structural and kinetic properties of enzymes; biochemistry of the carbon, nitrogen and sulphur cycles in nature; photosynthesis; metabolism of carbohydrates and lipids; biochemistry of vitamins, coenzymes and nucleic acids. Practical work will consist of experiments related to the above topics.

Text-book:

White, A., and others, *Principles of biochemistry*, 3rd ed. (McGraw-Hill).

**WB04. Agricultural Biochemistry II.**

Pre-requisite subject: A Division I pass or higher in Agricultural Biochemistry I (WB03).

A course of two hours lectures and ten hours practical work a week for three terms dealing with advanced aspects of the intermediary metabolism of micro-organisms, plants and animals. The topics include the sub-cellular distribution of enzymes in relation to their function; electron transfer and oxidative phosphorylation, metabolism of inorganic nitrogen and sulphur and their compounds; biochemistry of absorption and translocation of ions; function of metals in enzyme systems; chemical structure and biological activity; biosynthesis of nucleic acids, viruses and proteins; biochemical and genetical control mechanisms in cells, including hormones and their actions in plants and animals; biochemistry of muscle, vision, nerve action and digestion. The practical work will consist of experiments related to the above topics, training in the use of stable and radioactive isotopes and a short research project.

Text-books:

White, A., and others, *Principles of biochemistry*, 3rd ed. (McGraw-Hill).

Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper).

A reading list will be given in the lectures.

**WB13. Soil Science I.**

A course of two hours of lectures and three hours of practical work a week for three terms, dealing with soil formation and composition, and the chemistry and physics of soils in relation to soil fertility. Topics considered include: soil genesis, distribution of the major soil types of the world and Australia; composition of the inorganic and organic fractions of soils; clay mineralogy; chemistry of the plant nutrients in soils; the nitrogen cycle; air and water movements in soils; the physics of irrigation and drainage; soil erosion.

Practical work will consist of a number of field excursions, and laboratory work related to the above topics.

Text-books:

Russell, E. W., *Soil conditions and plant growth*, 9th edition (Longmans).

Leeper, G. W., *Introduction to soil science*, 3rd edition (M.U.P.).

Reference books:

Baver, L. D., *Soil physics*, 3rd edition (Wiley).

Bear, F. E., *Chemistry of the soil*, 2nd edition (Reinhold).

Clarke, G. R., *Study of the soil in the field*, 4th edition (O.U.P.).

Cooke, G. W., *The control of soil fertility* (Crosby Lockwood).

Jenny, H., *Factors of soil formation* (McGraw-Hill).

Stephens, C. G., *A manual of Australian soils*, 3rd edition (C.S.I.R.O.).

**WB14. Soil Science II.**

Pre-requisite subjects: A Division I pass or higher in Soil Science I (WB13) and Chemistry II (SC12).

A course of two hours lectures and ten hours practical work a week for three terms devoted to fundamental studies of the chemistry and physics of the soil. The major topics considered are: the genesis and composition of clay minerals in different soil types; the reactions of ions and water at the surfaces of colloidal particles, and the influence of these reactions on the physical and chemical properties of soils, particularly the potential and capacity of the soil to provide the major plant nutrients and trace elements; the diffusion of ions in soils and the chemistry of nutrient uptake by plants; the composition of the organic colloids and the kinetics and biochemistry of organic matter transformations; soil organisms; theories of the flow and diffusion of air and water in porous materials, and their application to infiltration, permeability and other irrigation and drainage problems; mechanisms of aggregate formation and breakdown in soils in relation to soil fertility.

Practical work will be related to the above topics and will include a research project.

In addition to those books listed for Soil Science I the following are recommended:

## Reference books:

- Alexander, M., *Introduction to soil microbiology* (Wiley).  
 Bartholomew, W. V., and Clark, F. E., (eds.), *Soil nitrogen* (American Society of Agronomy).  
 Black, C. A., *Soil-plant relationships* (Wiley).  
 Black, C. A., (ed.), *Methods of soil analysis* (American Society of Agronomy).  
 Brown, G., (ed.), *X-ray identification and crystal structures of clay minerals* (Mineralogical Society).  
 Grim, R. E., *Clay mineralogy* (McGraw-Hill).  
 Hagan, R. M., *et al.*, *Irrigation of agricultural lands* (American Society of Agronomy).  
 Jackson, M. L., *Soil chemical analysis* (Constable).  
 Kononova, M., *Soil organic matter*, 2nd edition (Pergamon).  
 McLaren, A. D., and Peterson, S. H. (eds.), *Soil biochemistry* (Marcel Dekker).  
 Olphen, H. van, *Introduction to clay colloid chemistry* (Interscience).  
 Rose, C. W., *Agricultural physics* (Pergamon).  
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

**WB73. Soil Science IA.**

This course comprises the lectures and practical work in pedology and soil physics given in Soil Science I (WB13) and the lectures on soil chemistry given in Agriculture II (WA03). The total content corresponds to two hours lectures and three hours practical work a week for two terms.

**WB83. Soil Science IB.**

In addition to the lectures and practical work described under Soil Science I (WB13), tutorials will be given and reading, essay and practical work assigned. The additional work will be concerned primarily with soil-plant relationships.

In addition to those books listed under Soil Science I the following books are recommended:

## Reference books:

- Black, C. A., *Soil-plant relationships* (Wiley).  
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

**WA01. Agriculture IA.**

A course of 20 lectures, one lecture a week.

This subject will be examined at the end of the second year, together with Agriculture IB (to be introduced in 1970).

**WORLD AGRICULTURE:**

World resources, population and food supply; factors influencing the distribution and productivity of crops and domestic animals; the plasticity of crop boundaries; the evolution of agriculture.

**AUSTRALIAN AGRICULTURE:**

Australian resources and their development; the history, structure and progress of Australian agriculture.

**Text-books:**

Andrews, J., *Australian resources and their utilisation* (Department of Adult Education, University of Sydney).

Australia. C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P.).

**Reference books:**

Barry, R. G., and Chorley, R. J., *Atmosphere, weather and climate* (Methuen).

Blake, C. D. (ed.), *Fundamentals of modern agriculture* (S.U.P.).

Cole, H. H., *Introduction to livestock production* (Freeman).

Leeper, G. W., *Introduction to soil science* (M.U.P.).

Miller, A. A., *Climatology* (Methuen).

Russell, E. J., *Soil conditions and plant growth*, 9th edition (Longmans).

Wadham, S. M., Wilson, R. K., and Wood, Joyce, *Land utilisation in Australia* (M.U.P.).

Zimmerman, E. W., *World resources and industries* (Harper).

**WA02. Agriculture I.**

(To be offered for the last time in 1969)

A course of one lecture each week for three terms.

**WORLD AGRICULTURE:**

World resources, population and food supply; factors influencing the distribution and productivity of crops and domestic animals; the plasticity of crop boundaries; the evolution of agriculture.

**AUSTRALIAN AGRICULTURE:**

Australian resources and their development; the history, structure and progress of Australian agriculture.

**CLIMATE AS A FACTOR IN AGRICULTURAL PRODUCTION:**

World and Australian climates, length of growing season, soil/water balances; man's control of climatic factor: frost, rain, evaporation, wind. The microclimates of plants and animals.

**Text-books:**

Andrews, J., *Australian resources and their utilisation* (Department of Adult Education, University of Sydney).

Australia. C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P.).

**Reference books:**

Barry, R. G., and Chorley, R. J., *Atmosphere, weather and climate* (Methuen).

Miller, A. A., *Climatology* (Methuen).

Wadham, S. M., Wilson, R. K., and Wood, Joyce, *Land utilisation in Australia* (M.U.P.).

Zimmerman, E. W., *World resources and industries* (Harper).

**WA03. Agriculture II.**

Pre-requisite subject: Agriculture I (WA02).

A course of two lectures and three hours practical work a week for three terms.

**FACTORS IN AGRICULTURAL PRODUCTION:**

*Soils:* Formation and composition; the Great Soil Groups; Australian, South Australian soils; nutrients, water.

*Plants and animals:* Variability, adaptation, breeding.

**PRINCIPLES OF AGRICULTURAL PRODUCTION:**

*Pasture production:* Native and sown pastures of Australia; seeds mixtures; pasture establishment, ecology and management.

*Animal production:* Introduction to the distribution, growth and physiology of domestic animals. Concepts of nutrition and management.

*Field and horticultural crop production:* Agronomic principles and techniques in the production of principal world and Australian field, fruit and vegetable crops.

**Reference books:**

- Black, J. M., *Flora of South Australia* (Government Printer, Sth. Australia).  
 Cole, H. H. (ed.), *Introduction to livestock production* (Freeman).  
 Hutchinson, J., *Essays on crop plant evolution* (C.U.P.).  
 Leeper, G. W., *Introduction to soil science* (M.U.P.).  
 Molnar, I., *A manual of Australian agriculture* (Heinemann).  
 Rice, V. A. and Andrews, F. N., *Breeding and improvement of farm animals* (McGraw-Hill).  
 Russell, E. J., *Soil conditions and plant growth*, 9th edition (Longmans).  
 Stephens, C. G., *A manual of Australian soils* (C.S.I.R.O.).  
 Wilsie, C. P., *Crop adaptation and distribution* (Freeman and Co.).  
 Australia, C.S.I.R.O., *The Australian environment*, 3rd edition, (M.U.P.).

**WA04. Agriculture III.**

Pre-requisite subjects: Agriculture I (WA02) and Agriculture II (WA03).

A course of two lectures and three hours practical work a week for three terms.

**PRINCIPLES UNDERLYING AGRICULTURAL PRACTICE:** Soil and water management; water resources, evaporation control, irrigation, drainage, water conservation. Tillage. Fertilizers: incidence and diagnosis of deficiencies, fertilizer technology. Seed production and certification. Weed control. Plant and animal protection.

**LAND USE AND FARM MANAGEMENT:** Determination of land use by climatic, soil, economic and sociological factors. Land development; efficiency and allocation of resources. Representative agricultural development in Australia.

Students are required to participate in and report on tours of agricultural areas in South Australia.

**Text-books:**

- Australia, C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P.).  
 Wadham, S., Wilson, R. K., and Wood, Joyce, *Land utilization in Australia*, 4th edition (M.U.P.).

**Reference books:**

- Australian Academy of Science, *Water resources, use and management* (M.U.P.).  
 Klingman, G. L., *Weed control as a science* (Wiley).  
 McVickar, M. H., and others, *Fertilizer technology and usage* (Soil Science Society of America).  
 Carson, Rachel, *Silent spring* (Hamilton).  
 Cooke, G. W., *The control of soil fertility* (Crosby Lockwood).  
 Schwab, G. O., et al., *Soil and water conservation engineering*, 2nd edition (Wiley).

**WA74. Agronomy.**

Pre-requisite subject: Crop Physiology (WF03) at Division I or higher.

A course of three lectures and seven hours practical work a week for three terms. The practical work includes an individual project.

**PRINCIPLES OF AGRONOMIC EXPERIMENTATION:** Formulation and testing of hypotheses. Errors and variation in agronomic studies. Collection of crop, pasture and animal data. Conduct of field and pot culture experiments.

**THE BOTANY OF CROP AND PASTURE PLANTS:** Origin, evolution and taxonomy; morphology and development of selected crop plants, pasture grasses and legumes.

**THE GROWTH AND ECOLOGY OF FIELD CROPS AND PASTURES:** Crop establishment, growth of organs, individuals, communities; vegetative and reproductive growth; growth analysis and physiological basis of variation in yield. Yield in relation to nutrient concentration, nutrient deficiencies. Light interception, energy balance; evaporation and radiation measurement, dynamics of water supply, transfer processes between crop canopy and atmosphere, soil and plant water status. Density and plant competition. Pasture-animal interactions. Crop and pasture utilisation; pasture evaluation.

## Reference books:

- Barnard, C. (Ed.), *Grasses and grasslands* (Macmillan).  
 Evans, L. T., (Ed.), *Environmental control of plant growth* (Academic Press).  
 Hector, J. M., *Botany of field crops*, Vol. I and II, (Johannesburg Central Newsagency).  
 Hutchinson, J. B. (Ed.), *Essays on crop plant evolution* (Cambridge).  
 LeClerg, E. L., Leonard, W. H. and Clark, A. G., *Field plot technique* (Burgess).  
 Lynch, P. B., *Conduct of field experiments* N.Z. Department of Agriculture Bulletin 399 (Government Printer, Wellington).  
 Rose, C. W., *Agricultural physics* (Pergamon).  
 Sinnott, E. W. *Plant morphogenesis* (McGraw-Hill).  
 UNESCO Arid Zone Research 25, *Methodology of plant eco-physiology*.

**WA84. Plant Breeding.**

Pre-requisite subject: Genetics I (SJ02), at Division I or higher.

A course of three lectures and seven hours practical work a week for three terms. The practical work includes an individual project.

Objectives and bases of breeding programmes. Plant introduction, adaptation, effect of breeding history, breeding systems, variability, selection methods, in self and cross-pollinated plants. Crop plant evolution.

Polyploidy, incompatibility, mutation, male sterility, disease resistance, cytogenetics and inter-specific hybridization in relation to plant breeding.

Breeding for yield and quality. Biometrical, physiological and biochemical analysis. General philosophy of breeding, contributions of plant breeding to agriculture. Field plot, mechanization, computer technique. Seed production and registration.

## Reference books:

- Allard, R., *Principles of plant breeding* (Wiley).  
 Elliott, F. C., *Plant breeding and cytogenetics* (McGraw-Hill).  
 Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding* 2nd edition (McGraw-Hill).  
 Hutchinson, J., *Crop plant evolution* (Cambridge U.P.).

**WN03. Animal Physiology and Production I.**

A three-term course of five hours weekly in three sections.

**ANATOMY AND HISTOLOGY:** Cross structure and histology with emphasis on the anatomical specialisation of ruminants.

**PHYSIOLOGY AND BIOCHEMISTRY:** Animal functions in relation to environment and nutrition. Functions of skin, glands, hair and wool. Body composition, growth; metabolic turnover and conversion of water, electrolytes, proteins, carbohydrates and fats. Circulation and body fluids. Digestion, secretion absorption and transport of metabolites. Endocrine functions, reproduction, foetal physiology. Nervous and neuroendocrine control. Adaptive mechanisms. Principles of animal breeding.

**NUTRITION AND PRODUCTION:** Basic concepts of animal nutrition; balance of energy, carbon, nitrogen, electrolytes, and water. Energy, mineral and vitamin requirements and deficiencies in growth, production and reproduction. Ecology and nutrition of the grazing animal: seasonal limitations to production. The economic approach to supplementary feeding, drought feeding, lot feeding; the use and limitations of feeding standards. Nutrition of pigs and poultry. Nutrition as a factor modifying the form and composition of carcass animals.

Reference books:

- May, N., *The anatomy of the sheep* (Q.U.P.).  
 Bell, G. H., and others, *Textbook of physiology and biochemistry* (Livingstone).  
 Davson, H., and Eggleton, G., *Principles of human physiology* (Churchill).  
 Maynard, L. A. and Loosli, J. K., *Animal nutrition* (McGraw-Hill).  
 Clark, W. E. le Gros, *The tissues of the body* (O.U.P.).  
 Conn, E. E., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).  
 Dougherty, R. W., *Physiology of digestion in the ruminant* (Butterworth).  
 Brody, S., *Bioenergetics and growth* (Reinhold).  
 Hammond, J., *Progress in the physiology of farm animals* (Butterworth).  
 Mitchell, H. H., *Comparative nutrition of man and domestic animals* (Academic Press).  
 Spedding, C. S. W., *Sheep production and grazing management* (Ballière).  
 Pike, R. L., and Brown, M., *Nutrition: an integrated approach* (Wiley).

**WN04. Animal Physiology and Production II.**

Pre-requisite subject: Animal Physiology and Production I (WN03).

A three term course of ten hours a week including a project.

**ANATOMY AND HISTOLOGY:** More detailed study of the structure of sheep, and bird. Histology, and electron micrography of cells. Structure-function relations of muscle, storage organs, glands, egg formation and reproductive tract.

**PHYSIOLOGY:** Special topics, including rumen biochemistry and physiology, secretion, transport and absorption in kidney, glands and gut. Size, seasonal rhythms. Starvation and over-nutrition, metabolic dysfunction. Endocrinology, fertility, embryonic physiology, lactation, and growth. Physiological ecology of animals. Nervous organisation, behaviour. Animal population, density, and social interactions.

**ANIMAL PRODUCTION:** Special aspects of ruminant metabolism and nutrition. Principles of experimentation with grazing animals, methods for studying production in the field: wool, growth, milk production, reproduction, body growth and its components; carcass evaluation. Seasonal productivity and nutritive value of pastures, nitrogen turnover of grazing animals. The assessment of herbage intake, grazing time and composition of the diet. Relative efficiencies of farm animals as converters of energy.

**PRINCIPLES OF DISEASE CONTROL:** Developmental defects. Parasites, bacteria, viruses, fungi, worms, arachnids, insects. Degenerative and neoplastic disease. Biochemical lesions, poisons, and nutritional defects. Control by immunity, trace element replacements, antibiotics, management.

## Reference books:

- Blaxter, K. L. (ed.), *Energy metabolism* (Hutchinson).  
 Blaxter, K. L., *Energy metabolism of ruminants* (Hutchinson).  
 Annison, E. F., and Lewis, D., *Metabolism in the rumen* (Methuen).  
 Kleiber, M., *The fire of life* (Wiley).  
 Cantarow, A., and Schepartz, B., *Biochemistry* (Saunders).  
 Harper, H. A., *Review of physiological chemistry*, current edition (Lange).  
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).  
 Hafez, E. S. E. (ed.), *Adaptation of domestic animals* (Lea and Febiger).  
 Dukes, H. H., *The physiology of domestic animals* (Comstock).  
 Yeates, N. T. M., *Modern aspects of animal production* (Butterworth).  
 Young, W. C., *Sex and internal secretions* (Williams and Wilkins).  
 Moule, G. R. (ed.), *Field investigations with sheep: a manual of techniques* (C.S.I.R.O., Melb.).

Reference lists of reviews and periodic publications will be provided.

**WY03. Biometry IB.**

(This course will not be given in 1969.)

Pre-requisite subject: Mathematics I (SM01), Mathematics IS (SM71) or General Mathematics (SM81).

The course comprises 3-4 lectures and 2-3 hours of practical classes each week (total 6 hours a week), and provides a more comprehensive treatment of the general topics listed in the syllabus for Biometry IA (WY73).

The syllabus includes, in addition, general analysis for standard statistical designs, missing values, covariance analysis, multiple regression, non-linear curve fitting and an introduction to maximum likelihood methods. Students will make use of computer facilities for portion of their practical work. No text-books are required, but selected reading will be assigned.

**WY04. Biometry II.**

For 1969, the syllabus is the same as that provided by the Statistics Department for Mathematical Statistics II (ST03).

**WY73. Biometry IA.**

The course comprises 2 lectures and a 1-hour practical class each week. The syllabus comprises:

- (a) (during the first and second terms); elementary statistical methods, including frequency distributions, expected values, standard significance tests, linear regression and analysis of variance for standard orthogonal designs.
- (b) (during the third term); sampling methods, practical aspects of experimentation, introduction to computer methods, and selected biomathematical topics.

Text-book:

- Li, J. C. R., *Statistical inference*, Vol. 1 (Edwards Brothers, Inc.).

**WE03. Entomology and Plant Pathology.**

A course of two lectures and one practical class each week throughout the year. Half the year is spent on Entomology and half on Plant Pathology.

**ENTOMOLOGY:** The course provides an introduction to the morphology and taxonomy of insects, insect physiology and the principles of insect control.

Students will be required to make a collection of 50 species of insects which must be submitted during the last week before the final examination. Collection should begin in the long vacation preceding the course and equipment may be obtained by intending students from the Entomology Department before this vacation.

## Text-books:

- Imms, A. D., *Outlines of entomology, 5th edition* (Methuen).  
Wigglesworth, V. B., *Insect physiology, 6th edition* (Methuen).

## Reference books:

- Borror, D. J., and De Long, D. M., *An introduction to the study of insects* (Rinehart).  
Imms, A. D., *Insect natural history* (Collins).  
Martin, H., *Scientific principles of crop protection* (Longmans).  
Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).

**PLANT PATHOLOGY:** History; nature of plant disease; physiological disorders and diseases caused by bacteria, viruses, fungi, nematodes with examples of each class occurring in Australia; physiology of parasitism; principles of disease control, influence of environment, cultural practices, use of therapeutics, resistant varieties, legislation.

## Text-books:

- Alexopoulos, C. J., *Introductory mycology* (Wiley).  
Walker, J. C., *Plant pathology* (McGraw-Hill).

## Reference books:

- Bawden, F. C., *Plant viruses and virus diseases, 4th edition* (Ronald Press).  
Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).  
Large, E. C., *The advance of the fungi* (Alden Press).  
Wallace, H. R., *The biology of plant parasitic nematodes* (Arnold).

**WE04. Entomology II.**

Pre-requisite subject: Entomology and Plant Pathology (WE03).

A course of three lectures and six hours practical work a week on a more detailed study of:

- (1) Insect morphology and taxonomy, with practice in the classification of insects to families.
- (2) Insect ecology.
- (3) Embryology, post-embryonic development, insect physiology and biochemistry.
- (4) Forest entomology, insect behaviour, social insects and apiculture.

Students will be required to make both a collection of insects, properly mounted and identified, and a slide collection illustrating the morphological and taxonomic features of insects. The collection may be commenced in the long vacation preceding the course. Equipment may be collected by intending students from the Entomology Department before the vacation. The collection must be submitted in the first week of the final term.

## Text-books:

- Browning, T. O., *Animal populations* (Hutchinson).  
Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 1957).

## Reference books:

- Anderson, R. F., *Forest and shade-tree entomology* (Wiley).  
Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen, 1961).  
Bailey, N. T. J., *Statistical methods in biology* (English Universities Press).  
Fraenkel, G., and Gunn, D. L., *The orientation of animals* (Dover).  
Snodgrass, R. E., *Principles of insect morphology* (McGraw-Hill).  
Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).  
Wigglesworth, V. B., *Principles of insect physiology*, 5th edition (Methuen, 1953).



## WP03. Agricultural Microbiology.

A course of one lecture and one practical a week throughout the year.

An introduction to micro-organisms; their morphology, physiology, ecology and general classification; the techniques used in the study of micro-organisms; the occurrence of micro-organisms in soil, air and water; their importance in agriculture and industry; the microbiology of foods.

## Text-book:

Hawker, L. E., Linton, A. H., Folkes, B. F., and Carlile, M. J., *An introduction to the biology of micro-organisms* (Arnold).

## WP04. Plant Pathology II.

Pre-requisite subjects: Entomology and Plant Pathology (WE03) and Agricultural Microbiology (WP03).

A course of ten hours a week for three terms covering:

(a) The classification and morphology of fungi; fungal physiology; the ecology of fungi and bacteria in relation to diseases they cause; the classification, ecology of and diseases caused by plant parasitic nematodes; the occurrence of plant viruses, their transmission, infection of plants and multiplication; physiology of parasitism; important diseases in Australia.

(b) A special project involving investigation of a disease of Australian importance, together with the study of relevant literature.

## Text-books:

Alexopoulos, C. J., *Introductory mycology* (Wiley).

*Plant pathology: problems and progress 1908-1958* (University of Wisconsin Press).

Walker, J. C., *Plant pathology* (McGraw-Hill).

## Reference books:

Ainsworth, G. C., and Sussman, A. S., *The fungi*, vols. 1-3 (Academic Press).

Baker, K. F., and Snyder, W. C., *Ecology of soil-borne plant pathogens* (University of California Press).

Bawden, F. C., *Plant viruses and virus diseases*, 4th ed. (Ronald Press).

Bessey, E. A., *Morphology and taxonomy of fungi* (McGraw-Hill).

Burnet, Sir F. M., and Stanley, W. M., *The viruses*, vols. 1-2 (Academic Press).

Cochrane, V. W., *Physiology of fungi* (Wiley).

Corbett, M. K., and Sisler, H. D., *Plant virology* (University of Florida Press).

Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).

Garrett, S. D., *Biology of root infecting fungi* (C.U.P.).

Goodey, T., *Soil and freshwater nematodes* (Methuen).

Goodman, R. N., Király, Z., and Zaitlin, M., *The biochemistry and physiology of infectious plant disease* (Van Nostrand)

Gregory, P. H., *The microbiology of the atmosphere* (Hill).

Horsfall, J. G., and Dimond, A. E., *Plant pathology*, vols. 1-3 (Academic Press).

Large, E. C., *The advance of the fungi* (Alden Press).

Maramorosch, K., and Kopravski, H., *Methods in virology*, vols. 1-4 (Academic Press).

Martin, H., *Scientific principles of plant protection*, 4th ed. (Arnold).

Plank, J. E. van der, *Plant diseases: epidemics and control* (Academic Press).

Wallace, H. R., *The biology of plant parasitic nematodes* (Arnold).

**WF03. Crop Physiology.**

This course consists of two lectures and three hours practical work a week for three terms and covers:

Growth patterns; dormancy; germination; vegetative propagation.

Morphology and growth regulation of roots, leaves and stems.

Accumulation of storage substances; floral initiation; seed set; fruit growth; post-harvest physiology; senescence.

Effects of temperature, light, water, nutrients and air on interrelationships of plant size, form and development.

The course will consider, primarily, cereals, pastures and horticultural (particularly tree) crops.

Text-book:

Leopold, A. C., *Plant growth and development* (McGraw-Hill).

Reference books:

Such books and papers as are assigned during the course.

**WF04. Horticultural Science.**

Pre-requisite subject: Crop Physiology (WF03) at Division I or higher standard.

A course consisting of three lectures and seven hours of practical work a week for three terms. Lectures, practical work, demonstrations and field trips will cover:—

The growth of fruit trees, mechanisms controlling growth, the uses of growth regulators in horticulture.

The water requirements of crops, methods of irrigation and drainage.

Mineral nutrition, fertilizers and soil management.

Movement and accumulation of substances in plants, reserves.

Bud development and bearing habit, propagation principles and methods, root-stocks, pruning and training.

Flower and fruit morphogenesis, mechanisms of floral initiation, fruit setting and fruit growth, and practices involved.

Ripening of fruits, harvesting, post-harvest physiology, storage, marketing and processing of fruits.

Horticultural production and establishment, varieties, protection, frost.

The culture of important horticultural crops.

Attention will be given to training and experience in experimental method, reading, writing and speaking. Opportunity will be given for a project of individual study involving literature revision and limited original investigation. No text-books are required but selected reading will be assigned.

**SG71. Geology I (Agriculture).**

This course comprises the lectures, practical classes and tutorials prescribed under Geology I (SG01) with the exception that the practical classes in palaeontology given in 3rd term will be replaced by a series of lectures and a field trip concerned with geomorphology.

Students taking Geology I (Agriculture) who intend to proceed to Geology II (SG02) must take palaeontology instead of geomorphology in the third term.

**EE83. Agricultural Economics.**

This course is offered annually for students proceeding to the degree of Bachelor of Agricultural Science and is available to such students only. The course comprises two lectures and one tutorial a week throughout the year and provides an introduction to the general principles of economics, with special reference to Australian agriculture. A student who has passed the course with at least a credit may, subject to the approval of the Dean, enrol in Economics II.

The scope of the course is as follows:

1. Elementary theory of resource allocation; the characteristics of supply and demand in agriculture.
2. Production economics and farm management.
3. Elementary theory of the level of economic activity; the impact of agriculture on national income, balance of payments and economic development.
4. Agricultural policy in Australia and in some overseas countries.

**Text-books:**

- Vincent, W. H. (ed.), *Economics and management in agriculture* (Prentice-Hall).
- Bishop, C. E., and Toussaint, W. D., *Agricultural economic analysis* (Wiley).
- Downing, R. I., *National income and social accounts*, 9th edition, (M.U.P.).
- Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
- Williams, D. B. (ed.), *Agriculture in the Australian economy* (Sydney U.P.).

**Reference books:**

- Samuelson, P. A., *Economics*, 7th edition (McGraw-Hill).
- Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).
- Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicolson).
- Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
- Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
- Johnson, D. G., *Forward prices for agriculture* (University of Chicago).
- Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
- Heady, E. O., and Jensen, H. R., *Farm management economics* (Prentice-Hall).
- Mallyon, C. A., *Principles and practice of farm management accounting* (Law Book Co., Sydney).
- Drane, N. T., and Edwards, H. R., *The Australian dairy industry* (Cheshire).
- Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Additional references will be prescribed by the lecturers.

**Requirements for Practical Experience.**

Candidates for the degree of Bachelor of Agricultural Science are required to obtain practical agricultural experience as laid down in the regulations.

In addition, students in Agricultural Science are required in the fourth year of the course to attend organised tours of various agricultural areas of South Australia.

**The Honours degree of B.Ag.Sc.**

The Honours degree in Agricultural Science may be taken in Agricultural Biochemistry, Agronomy, Animal Physiology and Production, Entomology, Genetics, Horticulture, Plant Breeding, Plant Pathology, Plant Physiology, and Soil Science.

**WB89. Agricultural Biochemistry for the Honours degree of B.Ag.Sc.****WB99. Soil Science for the Honours degree of B.Ag.Sc.**

Pre-requisite subject: A Credit pass in Agricultural Biochemistry II or Soil Science II.

Students wishing to take the Honours degree in either Agricultural Biochemistry or Soil Science should consult the Professor some time during the last term of their final year of the B.Ag.Sc. ordinary degree.

Candidates will be required to attend tutorials and to prepare seminars on selected topics. A research project will be assigned to each candidate, who will be required to present the results in a short thesis at the end of the course. Examination papers will also be set. Candidates must have a reading knowledge of French and German and may be required to attend courses in these subjects. Candidates are expected to begin studies on February 1.

**WA89. Agronomy for the Honours degree of B.Ag.Sc.****WA99. Plant Breeding for the Honours degree of B.Ag.Sc.**

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

**WN99. Animal Physiology and Production for the Honours degree of B.Ag.Sc.**

A candidate for the degree will be required to pass such examination on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

**WE99. Entomology for the Honours degree of B.Ag.Sc.**

Students who wish to take the Honours Degree in Entomology should consult the Professor of Entomology some time during their final year.

Candidates are expected to attain a higher standard in general Entomology than that required for the Ordinary Degree. In addition, they are required to study more intensively some branch of Entomology and to carry out a research project in that field.

Candidates may be required to attend such lectures and to pass such examinations as the Professor may require. All time not necessarily devoted to lectures and set work must be spent in the laboratory.

A course of reading will be prescribed by the Professor and should be commenced in the long vacation prior to the Honours year.

Candidates must have some reading knowledge of French and German and may be required to attend courses and pass examinations in these subjects.

**WP99. Plant Pathology for the Honours degree of B.Ag.Sc.**

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department and should be prepared to begin studies on or about February 1.

**WF89. Plant Physiology for the Honours degree of B.Ag.Sc.****WF99. Horticulture for the Honours degree of B.Ag.Sc.**

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

**SJ79. Genetics for the Honours degree of B.Ag.Sc.**

A candidate for the degree will be required to pass such examinations on the chosen subject of study as may be prescribed by the Head of the Department, and to submit a thesis reporting research work undertaken during the year.

A candidate may also be required to attend lectures and pass examinations in related subjects and to satisfy the Head of the Department that he has a reading knowledge of one or more modern languages other than English. University time not devoted to lectures must be spent in activities approved by the Head of the Department. Intending candidates should consult the Head of the Department concerned and should be prepared to begin studies on or about February 1.

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## FACULTY OF ARCHITECTURE AND TOWN PLANNING

### SYLLABUS NUMBERS

The two letters identify the Faculties and Departments responsible for subjects as follows:

Faculty of Engineering, Department of Civil Engineering ...	... NC
Faculty of Architecture and Town Planning, Department of Architecture and Town Planning ...	... RA

#### The first digit

0-6: Indicates that the subject forms part of a sequence.

7-9: Indicates that the subject does not form part of a sequence.

#### The second digit

1-5: Indicates year of Ordinary degree subject, e.g. first, second, and so on.

(6-7: Not used).

8: Indicates Preliminary Honours (fourth year).

9: Indicates Final Honours (fifth year).

0: Indicates pre-thesis subject for the degree of Master of Town Planning.

### SUBJECTS FOR THE DEGREE OF BACHELOR OF ARCHITECTURE

#### FIRST YEAR

##### RA01. Building Construction I.

General principles—functional requirements; the building team; the building contractor. Foundations. External and internal walls. Ground floor construction and fireplaces. Roofs. Joinery—doors and windows. Masonry.

#### Text-books:

McKay, W. B., *Building construction*, Vol. I (Longmans).

Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

#### Reference book:

Mitchell, G. A., and Mitchell, A. M., *Elementary building construction*, 23rd edition by R. Moxley (Batsford).

##### NC21. Structural Mechanics.

The course consists of a revision of the mathematics needed for an understanding of structural behaviour, together with lectures on statics and elementary structures.

#### Text-book:

Jensen, A., and Chenoweth, H. H., *Statics and strength of materials*, 2nd edition (McGraw-Hill).

#### Reference book:

Reynolds, T. J., and Kent, L. E., *Introduction to structural mechanics* (E.U.P.).

##### RA11. Building Science I.

Introduction; man, environment and shelter. The nature and properties of common building materials; occurrence and manufacturing problems; physical phenomena; moisture and porosity; moisture movement. Principles of control of natural environment; sun control; daylighting standards and assessment; natural ventilation.

## Text-books:

- Reid, D., *Building science*, Vols. 1 and 2 (Longmans).  
 Great Britain. Building Research Board, *Principles of modern building*, Vol 1 (H.M.S.O.).  
 Geeson, A. G., *Building science*, Vol. 2 (English Universities Press).  
 Australia. Commonwealth Experimental Building Station, Bulletin No. 8: *Sunshine and shade in Australasia*, by R. O. Phillips (C.E.B.S.).  
 Australia. Labour and National Service Department of, Industrial Welfare Division, *Data sheets on architectural control of sunlight penetration*, (The Department, Melbourne).  
 Australia. Commonwealth Experimental Building Station, Bulletin No. 7: *The design of buildings for daylighting*, by D. Paix (C.E.B.S.).  
 Great Britain. Building Research Board, *Architectural physics: lighting*, by Hopkinson, R. G. (H.M.S.O.).  
 Australia. Commonwealth Experimental Building Station, *Notes on the science of building* (C.E.B.S.) as prescribed by the lecturer.

## Reference books:

- Ragsdale, L. A., and Raynham, E. A., *Building materials practice*, (Arnold).  
 Butterworth, B., *Bricks and modern research* (Crosby Lockwood).

## RA21. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece and Rome; and of the Early Christian, Byzantine, Romanesque, and Gothic periods.

## Text-books:

- Fletcher, B., *History of architecture* (Batsford).  
 Pevsner, N., *An outline of European architecture* (Penguin).

## Reference books:

- Allsop, H. S., *The general history of architecture* (Pitman).  
 The Pelican *History of art* series.  
 Simpson, F. M., *History of architectural development*, Vols. I, II, III (Longmans).  
 Gardner, H., *Art through the ages* (Bell).  
*The great ages of world architecture series* (Braziller).  
 Copplestone, T. (Ed.), *World architecture* (Paul Hamlyn).  
 Giedion, S., *The eternal present*, vol. 2: *The beginnings of architecture* (O.U.P.).

## RA31. Architectural Design and Planning I.

The role and function of the architect in society historically and today; the elements of architectural design; perception; space sequence and circulation; structural types; fundamental qualities.

## Text-books:

- Robertson, H., *Principles of architectural composition* (Architectural Press).  
 Pierce, S. R., *Planning* (Iliffe).

## Reference books:

- Ellis, C. W., *The pleasures of architecture* (Cape).  
 Gropius, W., *The scope of total architecture* (Allen and Unwin).  
 Leathart, J. R., *Style in architecture* (Nelson).  
 Rasmussen, S. E., *Experiencing architecture* (M.I.T., Chapman and Hall).  
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).  
 Graves, M., *Colour fundamentals* (McGraw-Hill).  
 Jacobson, E., *Basic colour—an interpretation of the Ostwald system* (Theobald).

- Vernon, M. D., *The psychology of perception* (Penguin).  
 Hall, E. T., *The hidden dimension* (Doubleday).  
 Graves, M., *Art and colour of design* (McGraw-Hill).  
 Damaz, P., *Art in European architecture* (Reinhold).  
*Time Saver Standards* (Dodge).  
 Ramsey, C. G., and Sleeper, H. R., *Architectural graphic standards* (Wiley).  
 Danby, M., *Grammar of architectural design* (Oxford).  
 Senior, D., *Your architect* (Hodder).

#### RA71. Architectural and Free Drawing.

Standard drawing office practice. Orthographic projection; isometric and axonometric projection. The theory and practice of architectural perspective, division and measurement in perspective, angular and parallel perspective and interior perspective. Reflections in perspective. Sciagraphy. Systems of rendering in various media and drawing presentation; lettering and lay-out; creative design; colour. Free drawing.

##### Text-books:

- Reekie, R. F., *Draughtsmanship* (Arnold).  
 Lee, L. A., and Reekie, R. F., *Descriptive geometry* (Arnold).  
 Sierp, A., *Applied perspective* (Angus and Robertson).

##### Reference books:

- Schaarwächter, G., *Perspective for the architect* (Thames and Hudson).  
 Lockard, W. K., *Drawing as a means of architecture* (Reinhold).

#### RA81. Art History and Appreciation.

The evolution and development of art forms through history and appreciation of contemporary development in the arts.

#### RA41. Studio Work I.

The practical application of theoretical work in architectural and free drawing, architectural design, building construction and building science.

### SECOND YEAR.

#### RA02. Building Construction II.

Paths and pavings. Upper floor construction and fireplaces. Timber frame construction. Framed timber roof construction. Roofing. Internal wall and ceiling finishes. Staircase construction. Gas and electricity services. Windows and doors. Joinery, cupboards, etc., and hardware. Screen walls and fences.

##### Text-books:

- McKay, W. B., *Building construction*, Vol. 2 (Longmans).  
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).  
 Mitchell, G. A., and Mitchell, A. M., *Elementary building construction*, 23rd edition, edited by R. Moxley (Batsford).

##### Reference book:

- Australia. C.S.I.R.O., Division of Forest Products, *Timber engineering design handbook*, 2nd edition, by R. G. Pearson and others (Jacaranda Press).  
 Boyne, D. A. C. A. (ed.), *Architects' working details* (Architectural Press).



## NC22. Structures I.

Students will be expected to possess and be able to use a slide rule for this and subsequent courses in Structures.

Statically determinate plane frames. Elasticity, stress and strain. Shear force and bending moment diagrams. Theory of bending. Simple cases of beam deflection. The analysis of simple structures, including three-pin arch.

## Text-book:

Jensen, A., and Chenoweth, H. H., *Statics and strength of materials*, 2nd edition (McGraw-Hill).

## Reference book:

Reynolds, T. J., and Kent, L. E., *Introduction to structural mechanics* (E.U.P.).

## RA12. Building Science II.

Provision of satisfactory environment; human physiology and comfort conditions relating to radiation, temperature, humidity, light, sound and ventilation. Climatology of Australia. Solar radiation and building shape. Thermal inertia of building materials; thermal effects of colour of materials; insulation; condensation and vapour barriers. Ventilation and air movement through buildings. Properties of sound; acoustical properties of materials; noise and the design of rooms. Light measurement. Electricity supply and wiring. Structural properties and applications of materials; adhesives and adhesion; sheet materials generally. Metals; corrosion; hardness of water and softening systems.

Sanitary science; hygiene. Water supply; hot and cold water services; plumbing. Central heating. Drainage; wastes; siphonage; sanitary fittings. Pumps. Sewerage; septic tanks; industrial effluents. Garbage disposal. Sanitary regulations.

## Text-books:

Sheridan, N. R., and others, *Air conditioning* (University of Queensland Press).

Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber Paperback).

Moore, J. E., *Design for good acoustics* (Architectural Press).

Moore, J. E., *Design for noise reduction* (Architectural Press).

Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).

Bedford, T., *Basic principles of heating and ventilating* (2nd edition) (Lewis).

Australia. Commonwealth Experimental Building Station, Bulletin No. 6, *Designing houses for Australian climates* (C.E.B.S.).

Australia. Commonwealth Experimental Building Station, *Notes on the science of building* (C.E.B.S.), as prescribed by the lecturer.

S.A. Works, Ministry of, Regulations under the Sewerage Act 1929-1955, 1960 (S.A. Government Printer).

## Reference books:

Faber, O., *Heating and ventilation* (Spon).

Knudsen, V. O., and Harris, C. M., *Acoustical designing in architecture* (Wiley).

Diamant, R. M. E., *Insulation of buildings* (Iliffe).

Blake, E. H., and Jenkins, W. R., *Drainage and sanitation* (Batsford).

Australia: Department of Labour and National Service, Technical Publication No. 14, *Sanitary plumbing and water supply*.

## RA22. History of Architecture II.

Renaissance architecture in Italy, France and England. Mannerism and Baroque. The Regency, 19th and 20th centuries architecture. The early architecture of Australia and its development to the present day.

## Text-books:

- Fletcher, B., *History of architecture* (Batsford).  
 Pevsner, N., *An outline of European architecture* (Penguin).  
 Wittkower, R., *Architectural principles in the age of humanism* (Tiranti).

## Reference books:

- Joedicke, J., *History of modern architecture* (Architectural Press).  
 Allsop, H. S., *The general history of architecture* (Pitman).  
 Giedion, S., *Space, time and architecture* (Harvard University Press).  
 The Pelican *History of art* series.  
 Simpson, F. M., *History of architectural development*, Vols. IV, V (Longmans).  
 Gardner, H., *Art through the ages* (Bell).  
 Pevsner, N., *Pioneers of modern design* (Pelican).  
 The great ages of architecture series (Braziller).  
 Copplestone, T., ed., *World architecture* (Paul Hamlyn).  
*Encyclopaedia of modern architecture*, edited by G. Hatje (Thames and Hudson).

## RA32. Architectural Design and Planning II.

The theory and application of design, methodologies and programme development; communities and groups of buildings; environment and architectural siting and density; landscape; visual elements of design and aesthetics.

## Reference books:

- Borissavlievitch, M., *The golden number* (Tiranti).  
 British Standards Institution, B.S. 1708: *Modular co-ordination*.  
 Le Corbusier, *Modular 1 and Modular 2* (Faber).  
 Le Corbusier, *New world of space* (Reynal and Hitchcock).  
 Nelson, G., *Problems of design* (Whitney).  
 Scholfield, P. H., *Theory of proportion in architecture* (Cambridge).  
 Le Corbusier, *Towards a new architecture* (Architectural Press).  
 Zevi, B., *Architecture as space* (Horizon).  
 Viollet le Duc, E. E., *Discourses on architecture* (Tiranti).  
 Guadet, I., *Éléments et théorie de l'architecture* (Librairie de la Construction Moderne).  
 Le Corbusier, *Entretien avec les étudiants des écoles d'architecture* (Editions de Minuit).  
 Fry, E. M., *Fine building* (Faber).  
 Lurçat, A., *Formes—composition et lois d'harmonie* (Vincent, Fréal).  
 Greenough, H., *Form and function* (University of California Press).  
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).  
 Jellicoe, G. A., *Studies in landscape design* (O.U.P.).  
*Time Saver Standards* (Dodge).  
 Ramsey, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).  
 Kepes, G., *The language of vision* (Theobald).  
 Raskin, E., *Architecturally speaking* (Reinhold; Chapman and Hall).

**RA82. Architectural Surveying.**

The construction, use and adjustment of surveying equipment; optical square; staff; levels; theodolites and tellurometer. Chain surveys, levelling, traverses; measurement and setting out of building works; computation of traverses and levels, areas and volumes with straight and irregular boundaries; use of planimeter; plane table surveys. Survey and measurement of existing buildings relating to dilapidations and alterations, photogrammetry.

## Text-books:

- Huggins, F. R., *Building surveys* (Batsford).  
 Curtin, W., and Lane, R. F., *Concise practical surveying* (E.U.P.).  
 Bannister, A., and Raymond S., *Surveying* (Pitman).

**RA42. Studio Work II.**

The practical application of theoretical work in architectural design; building construction; building science; history of architecture.

**THIRD YEAR.****RA03. Building Construction III.**

Retaining walls. Steel and reinforced concrete frame construction. Concrete slab floors and roofs. Foundations. Joinery, fitments, etc. Special doors and windows. Brickwork and panel walling. Shoring: timbering to trenches. Designed foundations and damp proofing of basements. Ductwork. Fire services, requirements, etc. Staircases, fire-resisting and special.

## Text-books:

- McKay, W. B., *Building construction*, Vol. 3 (Longmans).  
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).  
 Field, J. Eastwick, and Stillman, J., *The design and practice of joinery* (Architectural Press).  
 Great Britain: Building Research Board, *Principles of modern building*, Vol. 2 (H.M.S.O.).

## Reference books:

- Mitchell, G. A., and Mitchell, A. M., *Advanced building construction*, volume 1. *Components, services and finishes*; revised by D. Neild; volume 2. *The structure*; revised by J. S. Foster (Batsford).

**NC23. Structures II.**

Deflection of beams. Bending and shear stresses in beams. Principal stresses. Compound beams including reinforced concrete. Combined bending and axial stress. Compression of slender struts. Deflections of framed structures. Bolted, riveted and welded joints.

## Text-book:

- Jensen, A., and Chenoweth, H. H., *Statics and strength of materials*, 2nd edition (McGraw-Hill).

## Reference book:

- Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill).

## RA13. Building Science III.

Internal environment; heating and air-conditioning (public and commercial buildings); artificial illumination; noise control. Acoustical design of auditoria and studios. Sun control problems associated with large buildings. Daylight control in group planning. Fire in buildings; fire resistance of materials. Functional analysis of architectural planning; ergonomics. Materials; concreting cements, special cements and additives; dense concrete surface finishes. Ceramics. Floor finishes. Biological attack on building materials; preventive methods.

## Text-books:

- Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber Paperback).  
 Harris, N. C., *Modern air-conditioning practice* (McGraw-Hill).  
 Moore, J. E., *Design for good acoustics* (Architectural Press).  
 Moore, J. E., *Design for noise reduction* (Architectural Press).  
 Gay, C. M. (ed.), *Mechanical and electrical equipment for buildings*, by W. J. McGuinness, and others (Wiley).  
 Standards Assoc. of Aust., C.A.30—1965 *Artificial lighting of buildings*.  
 British lighting council, *Interior lighting design*.  
 Walsh, J. W. T., *Planned artificial lighting* (Odhams).  
 Great Britain. Ministry of Housing and Local Government. Planning bulletin 5: *Planning for daylight and sunlight* (H.M.S.O.).

## Reference book:

- Phillips, D., *Lighting in architectural design* (McGraw-Hill).

## RA33. Architectural Design and Planning III.

Theories of architecture and planning principles, historical and modern; interior design; specialised building types; the allied arts.

## Reference books:

- Handbuch moderner architektur* (Safari-Verlag).  
 Richards, J. M., *An introduction to modern architecture* (Pelican).  
 Neutra, R. J., *Life and human habitat* (Koch).  
 Blake, P., *The master builders* (Gollancz).  
 Giedion, S., *Mechanization takes command* (O.U.P.).  
 Pevsner, N., *Pioneers of modern design from William Morris to Walter Gropius* (Pelican).  
 Neutra, R., *Survival through design* (O.U.P.).  
 Scott, G., *Architecture of humanism* (Constable).  
 Giedion, S., *Architecture, you and me* (Harvard University Press).  
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols (Columbia).  
 Richards, J. M., *The functional tradition in architecture* (Architectural Press).  
 Wright, F. L., *The future of architecture* (Architectural Press).  
 Joedicke, J., *History of modern architecture* (Architectural Press).  
*Time Saver Standards* (Dodge).  
 Ramsey, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).  
 Jensen, R., *High density living* (Hill).  
 Gibberd, F., *Town design* (Architectural Press).  
 Simonds, J. O., *Landscape architecture* (Dodge).  
 Rasmussen, S. E., *Experiencing architecture* (Wiley).  
 Birren, F., *Colour, forms and space* (Reinhold).  
 Kultermann, U., *Architecture of today* (Zwemmer).  
 Ponti, G., *In praise of architecture* (Dodge).  
 Grillo, P. J., *What is design* (Tiranti).

## RA53. Professional Practice I.

Specification; structure and organisation of building industry; central and local government; general law of contract; pricing of tenders; preparation of quantities. Business management and administration; book-keeping and accountancy. Building Act and bye-laws, and other legislation.

## Reference books:

- Aqua Group, *Pre-contract practice* (Lockwood).  
*Australian standard method of measurement of building works* (Institute of Quantity Surveyors (Aust.)).  
 Yorke, F. R. S., *Specification* (Architectural Press).  
 Willis, A. J., *Specification writing for architects and surveyors* (Lockwood).  
 Willis, A. J., *The elements of quantity surveying* (Lockwood).  
 Royal Australian Institute of Architects, *Year book*, current edition.  
 Hudson, A. A., *Building and engineering contracts*, 8th edition, edited by E. J. Rimmer and I. N. D. Wallace (Sweet and Maxwell).  
 Smith, D. Walker-, and Close, H. A., *The standard form of building contract* (C. Knight).  
 Institute of Builders: Board of Building Education, *Management studies for the building industry* (The Institute).  
 Gabrielsen, E., *Arbejdsstudienes anvendelse i bygningsindustrien* (*Work studies in the building industry*).  
 Royal Institute of British Architects, *Handbook of architectural practice and management* (R.I.B.A.).  
 Royal Australian Institute of Architects, W.A. Practice Group, *Guide specification* (R.A.I.A.).

## RA43. Studio Work III.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

## FOURTH YEAR.

## RA04. Building Construction IV.

Load bearing walls, cross wall construction. Roofs and roof lights. Prestressed concrete. Special structures: factories, large span roofs, etc.

## Text-book:

- McKay, W. B., *Building construction*, Vol. 4 (Longmans).

## Reference books:

- Mitchell, G. A. and Mitchell, A. M., *Advanced building construction*, Vol. 1. *Components, services and finishes*, revised by D. Nield, Vol. 2. *The structure*, revised by J. S. Foster (Batsford).  
 Angerer, F., *Surface structures in building* (Tiranti).  
 Torroja, M. E., *Philosophy of structures* (California U.P.).  
 Michaels, L., *Contemporary structure in architecture* (Reinhold).  
 Cassie, W. F., and Napper, J. H., *Structure in building* (Architectural Press).  
 Salvadori, M., *Structure in architecture* (Prentice-Hall).  
 Faber, C., *Candela the shell builder* (Architectural Press).  
 Huxtable, A. L., *Pier Luigi Nervi* (Braziller).  
 Siegel, C., *Structure and form in modern architecture* (Crosby Lockwood).  
 Joedicke, J., *Shell architecture* (Reinhold).

## NC24. Structures III.

Analysis of indeterminate framed structures. Multi-storey building frames. Moment distribution. Concrete mix design. Design of reinforced concrete members.

## Text-books:

Standards Association of Australia, *Code No. CA.2-1963: Rules for the use of normal reinforced concrete in buildings.*

Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill).

## RA14. Building Science IV.

Lightweight aggregates and concrete; pre-cast and pre-stressed concrete products. Behaviour of materials and structural elements in fires; protective measures. Plastics and building applications; structural sandwich panels. Protection and decoration of materials and surface finishes. Illumination; design of the visual field; glare; permanent supplementary artificial lighting of interiors. Acoustics; speech reinforcement and loud speaker installations. Mechanical engineering services in large buildings; air-conditioning, lifts and escalators. Introduction to climatic aspects of group planning; natural air flow patterns around buildings.

## Text-books:

Phillips, D., *Lighting in architectural design* (McGraw-Hill).

Great Britain: Building Research Station, *Architectural physics: lighting*, by Hopkinson, R. G. (H.M.S.O.).

Kinzey, B. Y., and Sharp, H. M., *Environmental technologies in architecture* (Prentice-Hall).

Gay, C. M. (ed.), *Mechanical and electrical equipment for buildings*, by W. J. McGuinness, and others (Wiley).

Lushington, R., *Plastics and you* (Pan).

Illuminating Engineering soc. Technical report No. 4: *Lighting during daylight hours* (I.E.S.).

## Reference book:

Olgay, V., *Design with climate* (Princeton U.P.).

## RA34. Architectural Design and Planning IV.

Contemporary developments. The relationship of structure and design. Specialised design problems. Critical path analysis.

## Reference books:

Sleeper, H., *Building, planning and design standards* (Wiley).

Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).

*Time Saver Standards* (Dodge).

Ramsey, C. G., and Sleeper, H. R., *Architectural graphic standards* (Wiley).

Michaels, L., *Contemporary structure in architecture* (Reinhold).

Torroja, E., *Philosophy of structures* (University of California Press).

Cassie, W. F., and Napper, J. H., *Structure in building* (Architectural Press).

Siegel, G., *Strukturformen der modernen Architektur* (Callwey).

Angerer, F., *Surface structures in building* (Tiranti).

Wachsmann, K., *The turning point in building* (Reinhold).

Nervi, P. L., *Structures* (Dodge).

Lisborg, N., *Principles of structural design* (Batsford).

Salvadori, M., *Structure in architecture* (Prentice-Hall).

Rosenthal, H. W., *Structural decisions* (Chapman Hall).

**RA64. Urban and Regional Planning and Urban Design I.**

The architect and town planning; the history of town planning from ancient times; colonial town planning; problems in town planning deriving from the industrial revolution; the garden city movement; the Radburn principle; the neighbourhood unit; satellites and new towns; regionalism; the central core and urban renewal; town planning as an art form; civic art and urban design.

## Text-books:

- Mumford, L., *The city in history* (Secker and Warburg).  
 Hiorns, F., *Town building in history* (Harrap).

## Reference books:

- Giedion, S., *Space, time and architecture* (Harvard U.P.).  
 Gibberd, F., *Town design* (Architectural Press).  
 Zucker, P., *Town and square* (Columbia University Press).  
 Gallion, A. B., and Eisner, S., *The urban pattern* (Van Nostrand).  
 Collins, G. R., and Collins, C. C., *Camillo Sitte and the birth of modern city planning* (Columbia U.P.).  
 le Corbusier, *The radiant city* (Faber).  
 Mayhew, H., *Mayhew's London*, ed. P. Quennell (Spring Books).  
 Stamp, L. D. S., *The geography of life and death* (Collins).  
 Weber, M., *The city* (Macmillan).  
 Reys, J. W., *The making of urban America* (Princeton U.P.).  
 Sitte, C., *City planning according to artistic principles* (Phaidon).

**RA54. Professional Practice II.**

Building economics. Quantity surveying. Bills of quantities. Standard method of measuring. Law of building contracts. Standard form of contract.

## Text-books:

- Australian standard method of measurement of building works* (Institute of Quantity Surveyors (Aust.)).  
 Eggleston, A. S., *The practising architect* (M.U.P.).  
 Nisbet, J., *Estimating and cost control* (Batsford).

## Reference books:

- Hudson, A. A., *Building and engineering contracts*, 8th edition edited by E. J. Rimmer and J. N. D. Walker (Sweet and Maxwell).  
 Royal Australian Institute of Architects, *Year book*, current edition.

**RA44. Studio Work IV.**

The practical application of theoretical work in architectural design, building construction, building science, and structures.

**RA98. Preliminary Honours Architecture.**

For Honours students additional Seminar courses will be provided in a selection of the following topics:

- (a) Advanced Architectural Design and Planning.
- (b) Architecture and Environment.
- (c) Development of Contemporary Architecture.
- (d) Industrialised Building.
- (e) Architectural Structure.
- (f) Urban Design and Planning.
- (g) Landscape Design.
- (h) Professional Management and Administration.
- (i) Interior and Furniture Design.
- (j) Building Services.
- (k) Architectural Acoustics.
- (l) The Philosophy of Architecture.

## FIFTH YEAR.

## RA05. Building Construction V.

Builders' plant. Road construction. Concrete work and finishes. Glass-concrete and patent glazing. Lifts and escalators. Curtain walling. Factory production and prefabrication.

## Reference books:

- Wilson, J. G., *Exposed concrete finishes*, 2 vols. (C. R. Books).  
 Morris, A. E. J., *Precast concrete cladding* (Fountain Press).  
 Schaal, R., *Curtain walls* (Reinhold).  
 Diamant, R. M. E., *Industrialised building*, vols. 1 and 2 (Iliffe Books Ltd.).  
 See also titles under Final Honours Architecture (d).

## NC25. Structures IV.

Soil mechanics. Arches. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

## RA15. Building Science V.

Quality control and materials. Sound measurements and acoustics tests on building elements and auditoria; noise surveys. Climatic aspects of group planning; solar radiation; sunlight and orientation; daylighting; air movement and atmospheric pollution. Illumination; luminance design; street lighting. Solar heating and cooling. Bearing properties and classification of soils. Soil stabilisation. Critical path methods of planning. Specialised problems and scientific research for architecture and town planning.

## Reference book:

- Hopkinson, R. G., and others, *Daylighting* (Heinemann).

## RA65. Urban and Regional Planning and Urban Design II.

The practice of town and country planning. The principles of civic survey and the study of a modern town planning scheme. Outline of planning legislation. Town Planning Acts. Regional and national planning with reference to economics, sociology and demography.

## Text-book:

- Brown, A. J., and Sherrard, H. M., *Town and country planning* (Melbourne U.P.).

## Reference books:

- Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).  
 Chapin, F. S., Jr., *Urban land use planning* (Harper).  
 Winston, D., *Sydney's great experiment* (Angus and Robertson).  
 Gifford, K. H., *The Victorian town planning handbook* (Law Book Co. of Aust.).  
 A.P.R.R. (Ed.), *The town and country planning text-book* (Architectural Press).  
 Gallion, A. B., and Eisner, S., *The urban pattern* (Van Nostrand).  
 Rasmussen, S. E., *Towns and buildings* (Liverpool University Press).  
 Unwin, R., *Town planning in practice* (Fisher Unwin).  
 Freeman, T. W., *The conurbations of Great Britain* (Manchester U.P.).  
 Mumford, L., *The culture of cities* (Secker and Warburg).  
 Grigsby, R., *Residential renewal in the urban core* (University of Pennsylvania).  
 Jensen, R., *High density living* (Hill).  
 Sharp, T., *Town planning* (Pelican).



Sulman, J., *An introduction to the study of town planning in Australia* (Govt. Printer, N.S.W.).

South Australia: Town Planning Committee, *Report on the metropolitan area of Adelaide* (Govt. Printer, S.A.).

#### RA75. Architectural Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

#### RA45. Studio Work V.

Advanced projects in architectural design and applications relating to building science, architectural construction, and structures.

#### RA55. Professional Practice III.

The code of professional conduct. Standard fee scales. Office organisation. Programming. Building investment and budgeting. Variations. Certificates and accounts. Law relating to the architect. Arbitration. Insurance. Bankruptcy and liquidated damages. Contract law.

Text-book:

Eggleston, A. S., *The practising architect* (M.U.P.).

Brunton, Baden Hellard and Boobyer, *Management applied to architectural practice* (The Builder).

Reference books:

Keating, D., *Law and practice of building contracts* (Sweet and Maxwell).

Hudson, A. A., *Building and engineering contracts* (Sweet and Maxwell).

Willis, A. J. and George, W. N. B., *The architect in practice* (Crosby Lockwood).

Turner, H. H., *Architectural practice and procedure* (Batsford).

Royal Australian Institute of Architects, *Year book*, current edition.

#### RA99. Final Honours Architecture.

For Final Honours students additional Seminar courses will be provided in a selection of the topics set out under RA98. Preliminary Honours.

(a) Reference books:

Yorke, F. R. S., *The modern house* (Architectural Press).

McGrath, R., *Twentieth century houses* (Faber).

Segal, W., *Home and environment* (Hill).

Yorke, F. R. S., and Gibberd, F., *The modern flat* (Architectural Press).

Abel, J. H., and Severund, F. N., *Apartment houses* (Reinhold).

Beiers, G., *Houses of Australia* (Ure Smith).

Koch, A., *Einfamilienhäuser* (Schwab).

Stratemann, S., *Das grosse Buch vom eigenen Haus* (Callwey).

London County Council, *Housing type plans*.

Great Britain. Ministry of Housing and Local Government, *Flats and houses, 1958* (H.M.S.O.).

Boyd, R., *Australia's home* (Melbourne U.P.).

Paulhaus, P., *Wohnhochhäuser*.

Vines, H. W. C., *Background to hospital planning* (Faber).

Aldis, G., *Hospital planning requirements* (Pitman).

Rosenfield, I., *Hospitals—integrated design* (Reinhold).

Nuffield provincial hospital trust, *Studies in the function and design of hospitals* (Oxford).

Godfrey, J., and Cleary, C., *School design and construction* (Architectural Press).

Martin, B., *School buildings* (Lockwood).

- Roth, A., *The new school* (Girsberger).  
 Bursch, C. W., and Reid, J. L., *High schools today and tomorrow* (Reinhold).  
 Perkins, L. B., and Cocking, W. D., *Schools* (Reinhold).  
 Morrell, D. H., and Pott, A. P., *Britain's new schools* (Longmans).  
 Architectural record (Periodical), *Buildings for industry* (Dodge).  
 Henn, W., *Bauten der industrie* (Callwey).  
 Mills, E., *The modern factory* (Architectural Press).  
 Rosenauer, M., *Modern office buildings* (Batsford).  
 Joedicke, J., *Burobauten* (Hatje).  
 Koch, A., *Hotelbauten* (Koch).  
 Gruen, V., and Smith, L., *Shopping centres, U.S.A.* (Reinhold).  
 Westwood, B., and Westwood, N., *The modern shop* (Architectural Press).  
 Somake, E. E., and Hellberg, R., *Shops and stores today* (Batsford).  
 Gutmann, R., and Koch, A., *Shop design* (Koch).  
 Gatz, K., and Hierl, F., *Neue Läden* (Callwey).  
 Meyer, H. Burris-, and Cole, E. C., *Theatres and auditoria* (Reinhold).  
 Mills, E., *The modern church* (Architectural Press).

## (b) Text-books:

- Fry, E. Maxwell, and Drew, J., *Tropical architecture in the dry and humid zones* (Batsford).  
 Oakley, D., *Tropical houses* (Batsford).  
 Conklin, G., *The weather conditioned house* (Reinhold).  
 Aronin, J. E., *Climate and architecture* (Reinhold).  
 Olgyay, A., and Olgyay, V., *Solar control and shading devices* (Princeton U.P.).  
 Olgyay, V., *Design with climate* (Princeton U.P.).  
 Groundwater, I., *Solar radiation and air conditioning* (Lockwood).  
 Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).  
 Drysdale, J. W., *Designing houses for Australian climates* (Australia: C.E.B.S., Bulletin No. 6).  
 Holmes, B. M., *Weathering in the tropics* (Australia: C.S.I.R.O. Division of Building Research, Melbourne).  
 Keough, J. J., *Selected Australian climatic data* (Tech. Study 36, Australia: C.E.B.S., Sydney).  
 Australia. Bureau of Meteorology. Bulletin No. 1: *Climate and meteorology of Australia* (Govt. Printer, Canberra).  
 Geiger, R., *The climate near the ground* (Harvard U.P.).  
 Bedford, T., *Basic principles of heating and ventilating*, 2nd edition (Lewis).  
 Sheridan, N. R., and others, *Air conditioning* (University of Queensland Press).  
 Kinzey, B. Y., and Sharp, H. M., *Environmental technologies in architecture* (Prentice-Hall).  
 Manning, P., (ed.), *Office design: a study of environment* (Liverpool Univ., Building Science, Dept. of Pilkington res. unit).  
 Michigan. University, Ann Arbor. School Environments Research Project. SER: *School environments research*, Vols. 2-3 (University of Michigan).  
 International Commission on Illumination, *Sunlight in buildings*, ed. R. G. Hopkinson (Boucentrum).

## Reference books:

- U.S.A.: Housing and Home Finance Agency, *Application of climatic data to house design* (U.S. Govt. Printing Office).  
 Mills, C. A., *Climate makes a man* (Gollancz).  
 Brooks, C. E. P., *Climate in everyday life* (Benn).  
 Markham, S. H., *Climate and the energy of nations* (O.U.P.).  
 Architectural Forum, November, 1948: *Measure OR*

- Fitch, J., *American building*.
- Koeppel, C. E., and de Long, G. C., *Weather and climate* (McGraw-Hill).
- Finch, V. C., and others, *Elements of geography, physical and cultural* (McGraw-Hill).
- Bedford, T., *Environmental warmth and its measurement* (Medical Research Council, War Memo. No. 17, H.M.S.O.).
- U.N.E.S.C.O., Arid Zone Research Series (U.N.E.S.C.O.).
- Parts VII *Wind and solar energy symposium*,  
 X *Climatology*,  
 XI *Climatology and microclimatology*.
- Lee, D. H. K., *Physiological objectives in hot weather housing* (Govt. Printing Office, Washington).
- Macpherson, R. K., *Environmental problems in tropical Australia* (Govt. Printer, Canberra).
- Building Research Institute, *Windows and glass* (Building Research Institute, Washington).
- Bruce, W., *Man and his thermal environment* (National Research Council, Canada. Building Research, Div. of Technical, paper No. 84).
- Chandler, T. J., *The climate of London* (Hutchinson).
- Various other British and Australian Building Research Station publications as prescribed by the lecturer.

## (c) Text-books:

- Joedicke, J., *History of modern architecture* (Architectural Press).
- Encyclopaedia of modern architecture*, edited by G. Hatje (Thames and Hudson).
- Pevsner, N., *Pioneers of modern design from William Morris to Walter Gropius* (Pelican).

## Reference books:

- Giedion, S., *Space, time and architecture* (Harvard U.P.).
- Banham, R., *Theory and design in the first machine age* (Architectural Press).
- Banham, R., *Guide to modern architecture* (Architectural Press).
- Blake, P., *The master builders* (Gollancz).
- Masters of world architecture series* (Braziller).
- Makers of contemporary architecture series* (Braziller).
- Hitchcock, H. R., *Architecture of the 19th and 20th centuries* (Pelican).

## (d) Reference books:

- British Standards Institution. B.S. 1708: *Modular co-ordination*.
- British Standards Institution. B.S. 2900: *Modular co-ordination in building*, Part I, Glossary.
- Standards Association of Aust. A148: *Recommendations for modular co-ordination in building* (S.A.A.).
- Harrison, D., Dex, *Standards in building and modular co-ordination* (Spon).
- Kent, S. R., *Modular drafting manual* (National Research Council of Canada, Div. of Building Research, Technical Paper 123).
- Corker E., and Diprose, A., *Modular primer* (Modular Society Ltd., London).
- Modular Building Standards Association, *Modular practice* (Wiley).
- Ehrenkrantz, Ezra D., *The modular number pattern* (Tiranti).
- O.E.E.C., European Productivity Agency, *Modular co-ordination in building*, first report of EPA project 174 (H.M.S.O., 1956).
- O.E.E.C. European Productivity Agency, *Modular co-ordination*, second report of EPA project 174 (H.M.S.O., 1961).
- Royal Institute of British Architects, *The co-ordination of dimensions for building* (R.I.B.A.).
- Cement and Concrete Association, *Housing from the factory* (The Association).

- O.E.E.C., European Productivity Agency, *Prefabricated building*—project 226 (from E.P.A.—O.E.E.C.).
- Madge, J. H., *Tomorrow's houses* (Pilot Press).
- Great Britain: Works, Ministry of, *Post-war building studies — House construction* No. 1, 23, 25 (H.M.S.O.).
- Cherner, N., *Fabricating houses from component parts* (Reinhold).
- Diamant, R. M. E., *Industrialised building*, 2 vols. (Iliffe).
- Massachusetts Institute of Technology. Albert Farwell Berris Foundation. *The prefabrication of houses* (M.I.T.).
- Wachsmann, K., *The turning point of building* (Reinhold).
- White, R. B., *Prefabrication: a history of its development in Great Britain*, National Building Studies Special Report No. 36 (H.M.S.O.).
- (e) Reference books:
- Cassirer, E., *An essay on man* (Yale U.P.).
- Bergson, H., *The creative mind* (Phil Lib.).
- Getzels, J. W., and Jackson, P. W., *Creativity and intelligence* (Wiley).
- Kneller, G. F., *The art and science of creativity* (Holt).
- Aldrich, V. C., *Philosophy of art* (Prentice-Hall).
- Maritain, J., *Creative intuition in art and poetry* (Meridian).
- Langer, S., *Reflections on art* (Oxford).
- Philipson, M., *Aesthetics today* (Meridian).
- Fry, R., *Vision and design* (Pelican).
- Moholy-Nagy, L., *The new vision and abstract of an artist* (Wittenborn).
- Norberg Schulz, C., *Intentions in architecture* (Allen and Unwin).
- Cornell, E., *Humanistic inquiries into architecture* (Gunperts Forlag).
- Koestler, A., *The act of creation* (Hutchinson).
- Ghiselin, B., *The creative process* (Mentor Books).
- Gotshalk, D. W., *Art and the social order* (Dover).
- Conference on systematic and intuitive methods in engineering, industrial design, architecture and communications* (Pergamon).
- Alexander, C., *Notes on the synthesis of form* (Harvard).
- Gilbert, K., and Kuhn, H., *A history of esthetics* (Thames and Hudson).
- De Zurko, E. R., *Origins of functionalist theory* (Columbia U.P.).
- Wittkower, R., *Architectural principles in the age of philosophy* (Tiranti).
- Panofsky, E., *Gothic architecture and scholasticism* (Meridian).
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## SUBJECTS FOR THE DEGREE OF MASTER OF TOWN PLANNING

## RA00. Theory and Practice of Town Planning I.

Introduction.—Nature and purpose of planning, planning at various levels, structure of towns, town and country, principles underlying the preparation of town and regional plans.

Theory of land use, movement, and their relationship.

Basic planning surveys: Land use, land values, land suitability, condition of buildings and environment, visual features, transportation.

Growth factors: urban and regional economy, population.

Elements of town plans—residential areas, land subdivision and development, layout of detached and mixed housing areas, neighbourhoods and living areas, residential density, residential zoning, analysis of future housing requirements.

## Text-books:

Brown, A. T., and Sherrard, M. M., *Town and country planning* (Melb. U.P.).

Gibberd, F., *Town design* (Architectural Press).

Chapin, F. S., *Urban land use planning* (Harper).

## Reference books:

Geddes, P., *Cities in evolution* (Williams and Norgate).

Mumford, L., *The culture of cities* (Secker and Warburg).

Mumford, L., *The city in history* (Harcourt Brace).

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).

Lynch, K., *Site planning* (Technology Press, Harvard Press).

Ritter, P., *Planning for man and motor* (Pergamon Press).

Urban Land Institute, community builders council, *Community Builders' handbook* (Urban Land Institute).

Lynch, K., *The image of the city* (Technology Press, Harvard Press).

Boyd, R. P., *The Australian ugliness* (Cheshire).

Tunnard, C., and Pushkarev, B., *Man-made America: chaos or control?* (Yale U.P.).

Robinson, E., and Keeble, L. B., *The development of building estates* (Estates Gazette).

Great Britain. Ministry of Housing and Local Government, *Design in town and village*, by T. Sharp, and others (H.M.S.O.).

Regional Plan Association, *The race for open spaces* (Regional Plan Association Inc., New York).

Gooch, R. B., *The selection and layout of land for playing fields and playgrounds*, Reports of the New Towns Committee (National Playing Field Assoc., London, H.M.S.O.).

Stein, C., *Towards new towns for America* (Reinhold).

Urban Land Institute, *New approaches to residential land development* (Urban Land Institute).

Simonds, J. O., *Landscape architecture* (Iliffe Books Ltd, London).

Gruen V. D., and Smith, L., *Shopping towns, U.S.A.* (Reinhold).

Logie, G., *Industry in towns* (London).

Forth, M. L. and McKeever, J. R., *Planned industrial districts* (Urban Land Institute).

Great Britain, Transport, Ministry of, *Traffic in Towns* (The Buchanan Report) (H.M.S.O.).

Baker, G., and Funaro, B., *Parking* (Reinhold).

National Committee on Urban Transportation, *Better transportation for your city* (Public Administration Service, U.S.A.).

Jones, J. H., *The geometric design of modern highways* (Spon).

- Mayer, H. M., and Kohn, C. F., *Readings in urban geography* (Uni. of Chicago Press).
- Gibbs, J. P., *Urban research methods* (Van Nostrand).
- Isard, W., *Methods of regional analysis* (M.I.T. Press).
- New York (City), City Planning Commission, *Rezoning New York city* (The Commission).
- Winston, D., *Sydney's great experiment* (Angus and Robertson).
- Melbourne, Melbourne and Metropolitan Board of Works, Melbourne Metropolitan Planning Scheme, 1954, *Survey and analysis—Report* (Melbourne and Metropolitan Board of Works).
- Stephenson, G., and Hepburn, J. A., *Plan for the metropolitan region, Perth and Fremantle—Report* (Government Printing Office, Perth).
- S.A. Town Planning Committee, *Report on the metropolitan area of Adelaide* (Government Printer, Adelaide).
- Australia, National Capital Development Commission. Various reports (N.C.D.C., Canberra).

Note.—Students will be expected to keep abreast of current developments occurring during the course and the following periodicals are recommended for this purpose:

- Australian Planning Institute Journal.
- American Institute of Planners Journal.
- Town Planning Institute Journal.
- The Town Planning and Local Government Guide.
- Town and Country Planning (U.K.).

#### RA10. Theory and Practice of Town Planning II.

Form and function: optimum size of cities, defence, dispersion, concentric, linear and radial growth, satellite towns, other forms of decentralisation.

Elements of town plans—industrial areas, planned industrial districts, industrial zoning, mineral workings and after use; wholesaling and storage areas; business centres, commercial zoning; public service facilities: transport terminals, utility undertakings; recreation: regional parks, foreshores, water sport facilities, sports grounds, parks and gardens, caravan parks, commercial recreation facilities; education, health and other institutions; transportation: future travel, traffic generation, parking, traffic distribution including home—work travel, travel assignment, freeways and other roads, interchanges and their effect on land use, public transport, systems of traffic and transport.

The town as a whole: design of new towns, planning of existing towns.

Text-books and Reference books as for RA00.

#### RA20. Theory and Practice of Town Planning III.

The central business area: studies of land use, movement and design.

Redevelopment, rehabilitation and conservation: economic, social and technical aspects, design.

Programming: objects, methods and implementation.

Statutory planning practice: principles and methods of development, control, zoning and reservations, by-laws and ordinances; regional, metropolitan and local planning schemes: preparation, role of the consultant, presentation, exhibitions, the public enquiry.

Planning as a profession: professional conduct, fees, public relations, the Planning Institutes.

Text-books and Reference books as for RA00.

**RA30. History of Town Planning.**

Origins. Ancient town planning. Mediaeval and early Renaissance. Baroque. Georgian and Regency. Industrial revolution. Garden city movement. The development of modern planning concepts, including the Radburn principle and the neighbourhood unit. Early planning in Australia.

## Text-books:

- Mumford, L., *The city in history* (Secker and Warburg).  
 Hiorns, F., *Town building in history* (Harrap).

## Reference books:

- Giedion, S., *Space, time and architecture* (Harvard U.P.).  
 Stewart, C., *Prospect of cities* (Longmans).  
 Rasmussen, S. E., *Towns and buildings* (Liverpool U.P.).  
 Hackett, B., *Man, society and environment* (Percival Marshall).  
 Gibberd, F., *Town design* (Architectural Press).  
 Sulman, J., *Town planning in Australia* (Government Printer, N.S.W.).  
 Zucker, P., *Town and square* (Columbia U.P.).  
 Rosenau, H., *The ideal city in its architectural evolution*, (Routledge and Kegan Paul).  
 Tout, T. F., *Mediaeval town planning* (Manchester U.P.).  
 Tunnard, C., *The city of man* (Scribners).  
 Collins, G. R., and Collins, C. C., *Camillo Sitte and the birth of modern city planning* (Phaidon).

**RA40. Environmental Design.**

(i) *Architecture in relation to planning*: Design in relation to use. Design as a means of environmental control. Structure and materials as part determinants of form. The art of architecture. Concepts of unity, harmony, contrast. Mass and volume. Formality and informality. Architecture as a social phenomenon: building in relation to the town.

(ii) *Civic design*: Introduction: the town as an art form. The relationship of buildings to each other, to groups, to streets, and to the town. Appropriateness and good relations between buildings: some methods of control. The design of urban open spaces. Street furnishings: the equipment of the city. The preservation of historic monuments as part of the living town: the concept of permanence and change. Advertising as part of the urban scene.

(iii) *Landscape design*: The relationship between landscape pattern and architecture. Landscape in the urban scene. Layout of open spaces, parks, recreational areas, camps, cemeteries, etc. Planting in relation to utility and aesthetics: the materials of landscape design. Public and private open space in the countryside. Preservation of rural amenity by landscaping.

**RA50. Elements of Statistics.**

Statistical measurements: classification and tabulation of data; limits of accuracy. Types of distribution: averages and measurements of dispersion. Graphical methods: index numbers; sampling and the calculation of standard errors; linear correlation; elementary curve fitting and interpolation; analysis of time-series. Computation and statistical method programming. Application to town planning in respect of population, industry, transport, utilities, etc.

**RA60. Social and Economic Aspects of Planning.**

(i) *Economics*: Scope, method and fundamental concepts of economics. Economic development in Australia, and potential development as it affects planning. The economics of land use on national, regional and local level. Land tenure and its effect on planning. Land values and rents. Financial aspects of private and public developments.

(ii) *Sociology*: Principles of sociology. Elements of demography. Elements of social economics. Measurement and interpretation of economic and social phenomena. The idea of social planning. The social structure of the city.

**RA70. Law in Relation to Planning.**

Forms and functions of central, state and local governments. History of planning legislation. Development of planning legislation in Australia. Current Planning Acts. Other legislation affecting planning. Statutory planning procedure. Planning inquiries, appeals.

**RA80. Physical Basis of Planning.**

(i) *Geology*: The geological formation of Australia. Solid rocks and surface deposits. Relation of geology to surface relief and scenery. Relation of geology to fertility and agriculture. Weathering and erosion. Water supply, with reference to protection from contamination. Mineral deposits and mining. Construction and interpretation of geological maps.

(ii) *Geography*: Land distribution. Distribution and potential density of population. Location of industry and commerce. Distribution of mineral and power resources. Communications. Pattern of agricultural resources. Analysis of climatic factors.

**RA90. Engineering Aspects of Planning.**

(i) *Engineering*: Provision for transport by road, rail, water, air. Planning, designing and construction of roads. Road junctions, bridges, subways, laybys, etc. Public services: water, gas, electrical supply and distribution systems. Sewer and storm water disposal. Traffic capacity and regulation. Traffic census. Parking sites and garages. Street lighting.

(ii) *Surveying*: The use of survey instruments. Types of surveys. Levelling and contouring. Computation of areas. Principles of aerial survey and photogrammetry. The use and compilation of maps. The compilation and interpretation of the topographic plan.

**Practical Project Work.**

To illustrate and elaborate problems of survey, plan and physical development.

**Thesis.**

On a subject to be approved by the Faculty.

Reference books for the course for the degree of Master of Town Planning:

- Purdum, C. R., *The building of satellite towns* (Dent).  
 Weber, M., *The city* (Free Press).  
 Mumford, L., *City development* (Secker and Warburg).  
 Saarinen, E., *The city—its growth, decay and future* (Reinhold).  
 Tunnard, C., *The city of man* (Scribners).  
 Le Corbusier, *Concerning town planning* (Architectural Press).  
 Freeman, T. W., *The conurbations of Great Britain* (Manchester U.P.).  
 Lichfield, N., *The economics of planned development* (Estates Gazette).  
 "Fortune", *The exploding metropolis* (Doubleday).  
 Howard, E., *Garden cities of tomorrow* (Faber).  
 Housing, Building and Planning, No. 8, *Housing and town and country planning*.  
 Jensen, R., *High density living* (Hill).  
 Rosenau, H., *The ideal city in its architectural evolution* (Routledge and Kegan Paul).  
 Roberts, J. R. H., *The law of town and country planning* (Knight).  
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- Wycherley, R. E., *How the Greeks built cities* (Macmillan).
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- Port of London Authority, *Annual reports* (P.L.A.).
- Great Britain. Information, Central Office of, Reference Division, *Commercial ports of the United Kingdom*, Reference Paper R. 4539 (C.O.I.).
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- Great Britain. British Transport Commission, *Proposals for the railways*, Cmd 9880 (H.M.S.O.).
- Great Britain, Parliament. House of Commons, *Report from the select committee on nationalised industries: British railways* (H.M.S.O.).
- Buchanan, C. D., *Mixed blessing: the motor in Britain* (Hill).
- Great Britain. Transport, Ministry of, *Annual reports: Roads in England and Wales, and Road research* (H.M.S.O.).
- Great Britain. Transport, Ministry of, *Traffic in towns* (The Buchanan Report) (H.M.S.O.).
- Great Britain. Transport, Ministry of, London and Home Counties Traffic Advisory Committee, *Annual report, London traffic* (H.M.S.O.).
- Great Britain. Transport, Ministry of, *Report of the committee of inquiry into London transport* (H.M.S.O.).
- Great Britain. Transport, Ministry of, *Inland waterways, government proposals following the report of the Committee of inquiry*, Cmd 676 (H.M.S.O.).
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- Harvey, D. G. T., *British civil aviation* (Adlard Coles/Harrap).
- Great Britain. Transport, Ministry of, London Airport Development Committee: *Report* (H.M.S.O.).
- Hobson, Sir O., *How the city works* (News Chronicle).
- Clarke, W. M., *The city's invisible earnings* (Institute of Economic Affairs).
- British Broadcasting Corporation, *B.B.C. handbook*, (B.B.C.).
- British Broadcasting Corporation, *The B.B.C. television service. A technical description* (B.B.C.).
- Planning, No. 420, *Television in Britain* (P.E.P.).
- Great Britain. Post Office: Broadcasting; *Memorandum on television policy*, Cmd 9005 (H.M.S.O.).

## FACULTY OF ARTS

Students are reminded that in order to proceed to the second year in any subject in the Faculty of Arts they must pass in the first year of that subject, or in any pre-requisite subject, at Division I standard or higher, unless special permission is obtained in writing from the Academic Registrar.

### SYLLABUS NUMBERS

The first letter identifies the Faculty of Arts: A.

The second letter identifies the Department teaching the subject, as follows:

Classics ... .. C	German ... .. G
Education ... .. D	History ... .. H
English ... .. E	Philosophy ... .. L
French ... .. F	Politics ... .. P
Geography ... .. J	Psychology ... .. Y

The first digit

0-6: If followed by 1, 2 or 3 indicates [except in the Department of Education] that the subject may form part of a sequence for the Ordinary degree of B.A. [as prescribed in Schedules II and III].

7-9: Indicates that the subject does not form part of a sequence for the ordinary degree.

The second digit

1, 2, 3: Indicates year of subject, e.g. first, second or third.

4: Indicates subject for the Diploma in Education.

[5: Not used.]

6: Indicates service subject.

7: Indicates second-year subject taken only by Honours students.

8: Indicates third-year subject taken only by Honours students.

9: Final Honours.

0: Indicates pre-thesis subject for the degree of Master of Education.

### CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are recommended for the use of students.

### LATIN

There are three subjects in Latin for the ordinary degree of Bachelor of Arts: Latin I, Latin II, and Latin III. Except with the permission of the Faculty of Arts, no student proceeding to a degree may take the subject Latin II until he has passed the final examination in Latin I, or the subject Latin III until he has passed the final examination in Latin II. No subject is pre-requisite to Latin I, but the standard of a pass in Latin at the Matriculation Examination is assumed, and, in general, students are not advised to attempt the subject unless they have reached Grade C or higher in that examination.

Every student taking a subject in Latin should have a Latin-English lexicon and a Latin grammar. Students who propose to take more than one subject in Latin should have Lewis and Short, *Latin Dictionary* (O.U.P.) and Gildersleeve and Lodge, *Latin Grammar* (Macmillan).

## AC01. Latin I.

The subject is divided into two parts:

- (a) the study of three works of Latin literature:  
 Virgil, *Aeneid XII*, ed. Maguinness (Methuen).  
*A book of Latin letters*, ed. Levens (Methuen).  
 Horace, *Odes II*, ed. Gould and Whiteley (Macmillan).

Each work is the subject of two weekly lectures in one term. The works are examined at the end of the year: passages from them are set for translation, short passages are set for comment, and questions, to be answered in essay form, are asked on their content and background.

(b) Latin unseen translation and, at the student's choice, *either* Latin prose composition *or* additional Latin reading chosen to illustrate a number of themes drawn from Roman literature, history, and society. The material that students will use for the options will be issued during the year. Both options involve weekly written work and a weekly tutorial.

## AC02. Latin II.

The subject is divided into three parts:

- (a) The study of three works of Latin literature:  
 Virgil, *Eclogues*, in Virgil, *Bucolics and Georgics*, ed. Page (Macmillan).  
 Seneca, *Select letters*, ed. Summers (Macmillan).  
 Propertius, *Elegies*, Book IV, ed. Camps (C.U.P.).
- (b) Latin unseen translation and, at the student's choice, *either* Latin prose composition *or* practical criticism of passages from Latin literature. Those who opt for Latin prose composition should obtain Hardie, W. R., *Latin Prose Composition* (Arnold). The material that students will use for practical criticism will be issued during the year. Both options involve weekly written work and a weekly tutorial.
- (c) The history of the later Roman Republic (133-27 B.C.). See part (a) of the syllabus for Ancient History for the content of the lectures and the preliminary reading necessary. The lectures will be given, and an essay is to be written, in the second term. Students should obtain Cary, *History of Rome* (Macmillan) or Scullard, *From the Gracchi to Nero* (Methuen).

## AC03. Latin III.

The subject is divided into four parts:

- (a) The study of four works of Latin literature:  
 Tacitus, *Annals XIV*, ed. Woodcock (Methuen).
- in addition to the works prescribed for Latin II.
- (b) Latin unseen translation and, at the student's choice,  
*either* Latin prose composition  
*or* Latin personal poetry and Latin satire.  
 Those who opt for prose composition should possess Hardie, *Latin prose composition* (Arnold). The material that students will use for the other option will be issued during the year. Both options involve weekly written work and a weekly tutorial.
- (c) The history of the early Roman Empire (27 B.C.-180 A.D.). See part (a) of the syllabus for Ancient History for the content of the lectures and the preliminary reading necessary. The lectures will be given, and an essay is to be written, in the third term. Students should obtain Cary, *History of Rome* (Macmillan) or Well and Barrow, *Short history of the Roman Empire to the death of Marcus Aurelius* (Methuen).
- (d) Roman society of the late Republic and early Empire. No special lectures will be devoted to this topic, but students will be expected to have acquired a general acquaintance with the main facets of Roman

society from their Latin studies as a whole. For special reading the following books are recommended:

Cowell, F. R., *Cicero and the Roman Republic* (Pelican); or

Cowell, F. R., *Everyday life in ancient Rome* (Batsford).

Carcopino, J., *Daily life in ancient Rome at the height of the Empire* (Pelican).

#### ACS9. Latin for the Honours Degree of B.A.

The formal work of the Honours year consists mainly of weekly essays and tutorials. One term's essays are devoted to literature, another's to history, and the other's to society, thought and religion. Prose composition and unseen translation are also practised. Tuition in verse composition is available.

The examination consists of the following papers, each of which is set for three hours:

(a) Latin prose composition.

Two compositions are required.

(b) Latin verse composition.

Candidates may attempt *either* hexameters *or* elegiacs *or* both.\*

(c) Passages for translation into English from Latin prose authors.

(d) Passages for translation into English from Latin poets.

(e) Latin literature.

Sixteen questions are set on the works of Latin authors, and candidates are required to attempt five. Wide reading among Latin authors is needed.

(f) Roman history.

Candidates have the choice between the periods (i) 133 B.C. to 14 A.D. and (ii) 27 B.C. to 117 A.D. Sixteen questions, of which five must be attempted, are set on each period for which there are candidates. Some acquaintance is needed with the ancient sources for the period chosen.

(g) Roman society, thought and religion.

Sixteen questions are set, of which candidates are required to attempt five.

\* Paper (b) is optional, but credit will be given for merit shown in it. Proficiency in Latin Verse composition is denoted by the letter L following a candidate's name in the class list.

#### GREEK

There are three subjects in Greek for the ordinary degree of Bachelor of Arts: Greek I, Greek II, and Greek III. Except with the permission of the Faculty of Arts, no student proceeding to a degree may take the subject Greek II until he has passed the final examination in Greek I, or the subject Greek III until he has passed the final examination in Greek II. No subject is pre-requisite to Greek I, but, in general, students are advised to have obtained the standard of a pass in Greek at the Matriculation Examination, or a pass in Elementary Greek.

Every student taking a subject in Greek should have a Greek-English lexicon and a Greek grammar. Students who propose to take more than one subject in Greek should have Liddell and Scott, *Greek-English Lexicon*, 9th edition, ed. Jones (O.U.P.), and Goodwin, *Greek Grammar* (Macmillan).

#### AC71. Elementary Greek (Preparatory Course).

This subject will not assume any previous knowledge of the language; and it will not normally be counted as one of the subjects required for the ordinary degree of B.A. It may not be taken except by beginners in Greek. It is primarily intended for potential Honours students in Latin or Classics, though it is available to others also.

Students who pass in the examination at the end of this subject will be expected to take Greek I in a subsequent year.

The fee for the subject is \$84.

The following books will be used:

- Nairn, J. A., and Nairn, G. A., *Greek through reading* (Ginn).  
 Herodotus, *Book VI*, ed. Shuckburgh (C.U.P.), chapter 100 to the end.  
 Euripides, *Alcestis*, ed. Bayfield (Macmillan), lines 1-368.

#### AC11. Greek I.

The subject is divided into two parts:

- (a) The study of three works of Greek literature:  
 Homer, *Iliad VI*, in *Iliad I-XII*, ed. Leaf and Bayfield (Macmillan).  
 Herodotus, *Book VI*, ed. Shuckburgh (C.U.P.).  
 Euripides, *Electra*, ed. Denniston (O.U.P.).

Each work is the subject of two weekly lectures in one term. The works are examined at the end of the year: passages from them are set for translation, short passages are set for comment, and questions, to be answered in essay form, are asked on their content and background.

- (b) Additional Greek reading chosen to illustrate a number of themes drawn from Greek literature, history, and society. The material that students will use for additional reading will be issued during the year. It involves weekly written work and a weekly tutorial.

#### AC12. Greek II.

The subject is divided into three parts:

- (a) The study of three works of Greek literature:  
 Aeschylus, *Persae*, ed. Broadhead (C.U.P.).  
 Thucydides, *Book VII*, ed. Dover (O.U.P.).  
 Aristophanes, *Birds*, ed. Merry (O.U.P.).
- (b) The history of Greece (594 - 404 B.C.). See the syllabus for Ancient History for the content of the lectures and the preliminary reading necessary. The lectures will be given, and an essay is to be written, in the first term. Students should obtain Ehrenberg, V., *From Solon to Socrates* (Methuen University Paperback).
- (c) The study of a literary genre: epic. There will be weekly written work and a weekly tutorial in the second and third terms. The material to be used by students will be issued during those terms.

#### AC13. Greek III.

The subject is divided into three parts:

- (a) The study of four works of Greek literature:  
 Theocritus, *Idylls*, ed. Gow (C.U.P.).  
 in addition to the works prescribed for Greek II.
- (b) Greek society and thought down to the fourth century B.C. No special lectures will be given, but in the first term weekly written work and a weekly tutorial will be concerned with Greek thought: the period studied will be from the pre-Socratics to Aristotle. For preliminary reading Cornford, F. M., *Before and after Socrates* (C.U.P.) is recommended.  
 For Greek society the following books are recommended:  
 Zimmern, A. E., *The Greek Commonwealth* (O.U.P.).  
 Jones, A. H. M., *Athenian democracy* (Blackwell).
- (c) Greek unseen translation and, at the student's choice, either Greek prose composition or the study of a literary genre: epic. There will be weekly written work and a weekly tutorial in the second and third terms. The material to be used by students will be issued during those terms.



## AC72. Ancient History.

Second-year subject, not forming part of a sequence. Pre-requisite: Latin I or Greek I or History I (A or B) or Politics I. Not available to exempted students. No knowledge of Latin or Greek is assumed.

A student cannot count as subjects towards his degree both Ancient History and any of the following: Latin II, Latin III, Greek II.

The subject has two parts:

- (a) A course of lectures concerned with the political, social and cultural development of Greece (600-404 B.C.) and Rome (133 B.C.-A.D. 180). The lectures will assume that students are familiar with the outline of the periods being treated, and it is essential that, before the beginning of each term, students should have read at least once those parts of the recommended text-book which deals with the period to be studied. The lectures on Greek history will be given in the first term, those on Roman Republican history (133-27 B.C.) in the second, and those on Roman Imperial history in the third.

An essay is to be written each term.

- (b) A special subject to be studied in greater depth by means of tutorial papers read by students in small groups.

Special subject for 1969: Freedom in theory and practice in the Graeco-Roman world.

Text-books which students should obtain:

- Ehrenberg, V., *From Solon to Socrates* (Methuen University Paperback).  
Cary, M., *History of Rome* (Macmillan).

Some useful books:

Greece:

- Cambridge ancient history*, vols. IV-V (C.U.P.).  
Andrewes, A., *The Greek tyrants* (Hutchinson).  
Brown, T. S. (ed.), *Ancient Greece* (Free Press of Glencoe, Collier-Macmillan).  
Hignett, C., *Xerxes' invasion of Greece* (O.U.P.).  
Jones, A. H. M., *Athenian democracy* (Blackwell).  
Michell, H., *Sparta* (C.U.P. Paper-back).  
Zimmern, A. E., *The Greek commonwealth* (O.U.P.).  
Thucydides, trans. R. Warner (Penguin Classics).  
Herodotus, trans. A. de Selincourt (Penguin Classics).

Roman Republic:

- Heitland, W. E., *The Roman republic*, vols. II-III (C.U.P.).  
*Cambridge ancient history*, vols. VIII-X (C.U.P.).  
Smith, R. E., *The failure of the Roman republic* (C.U.P.).  
Scullard, H. H., *From the Gracchi to Nero* (University Paper-back).  
Holmes, T. Rice, *The Roman republic and the founder of the empire* (O.U.P.).  
Cowell, F. R., *Cicero and the Roman republic* (Pelican).  
Abbott, F. F., *A history and description of Roman political institutions* (Biblo and Tannen).  
Appian, *Roman history*, vols. III-IV (Loeb).  
Plutarch, *Fall of the Roman republic* (Penguin).  
Plutarch, *Makers of Rome* (Penguin).  
Cicero, *Letters*, ed. Wilkinson (Arrow or Hutchinson Paper-back).

Roman Empire:

- Augustus, *Res Gestae Divi Augusti* (*The achievements of the divine Augustus*), ed. P. A. Brunt and J. M. Moore (O.U.P.).  
Tacitus, *Histories and Annals*, ed. C. H. Moore and J. Jackson, 4 vols. (Loeb).  
Suetonius, *Lives of the Caesars*, ed. J. C. Rolfe, 2 vols. (Loeb).  
Dio Cassius, *Roman history*, ed. E. Cary, vols. VI-VIII (Loeb).  
Lewis, N., and Reinhold, M. (eds.), *Roman civilization*, vol. II (Columbia U.P.).

- Stevenson, G. H., *Roman provincial administration* (Blackwell).  
 Duff, A. M., *Freedmen in the early Roman Empire* (O.U.P.).  
*Cambridge ancient history*, vols. X-XI (C.U.P.).  
 Syme, R., *The Roman revolution* (Oxford Paper-backs).  
 Marsh, F. B., *The reign of Tiberius* (O.U.P.).  
 Balsdon, J. P. V. D., *The emperor Gaius* (O.U.P.).  
 Momigliano, A., *Claudius the emperor and his achievement* (O.U.P.).  
 Grant, M., *Roman history from coins: some uses of the imperial coinage to the historian* (C.U.P.).

## Special subject:

- Badian, E., *Foreign clientelae* (O.U.P.).  
 Barker, E., *Greek political theory* (University Paperback), pp. 1-42.  
 Claster, J. N., *Athenian democracy* (Holt, Rinehart and Winston Paperback).  
 Dickinson, J., *Death of a republic* (Macmillan).  
 Finley, M. I., *Slavery in classical antiquity* (Heffer Paperback).  
 Hawthorn, J. R., *Republican empire* (Macmillan), pp. 3-71.  
 Kagan, D., *Problems in ancient history* (Macmillan Paperback).  
 Kagan, D., *Sources in Greek political thought* (Macmillan Paperback).  
 Lewis, N., and Reinhold, M., *Roman civilization* (Columbia U.P.).  
 Michell, H., *Sparta* (C.U.P. Paperback).  
 von Fritz, K., *Theory of the mixed constitution in antiquity* (Columbia U.P.).  
 Westermann, W. L., *Slave systems of Greek and Roman antiquity* (American Philosophical Society Memoirs, vol. 40).  
 White, A. N. Sherwin, *Racial prejudice in imperial Rome* (C.U.P.).  
 Zimmern, A. E., *Greek commonwealth* (O.U.P. Paperback).

## AC23. Comparative Philology.

Pre-requisite subjects: Matriculation Latin (Grades A, B, C or D) or Leaving Latin (Grades 1, 2 or 3) and either Latin I or Greek I or French I or German I or IA. Special permission to enrol for the subject may be given to candidates who have linguistic qualifications other than these. Some competence in Latin, demonstrated in public examination, will always be required. Those who seek special permission should make enquiries of Mr. D. A. Hester in the Department of Classics.

The subject has three parts:

- (a) A course of lectures concerned with general linguistics and with the comparative study of the Indo-European languages (especially English, Latin and Greek). Two lectures will be given each week and approximately half the course will be on each topic. Brief written exercises will be set.
- (b) Special topics (such as semantics, prescriptive linguistics, history of linguistics, the laryngeal theory) which will be studied independently by students from books to be prescribed and on which essays will be set (approximately two essays per term).
- (c) For students with no previous knowledge of Greek or inadequate knowledge, tutorials will be provided during the first two terms.

## Text-books:

- Mitchell, A. G., *Spoken English* (Macmillan).  
 Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).  
 also for group (c) students only:  
 Smith, F. K., and Melliush, T. W., *Teach yourself Greek* (E.U.P.).

## Recommended preliminary reading:

- (Other reading matter will be recommended during the course.)  
 Potter, S., *Language in the modern world* (Pelican), and either  
 Barber, C. L., *The story of language* (Pan), or  
 Potter, S., *Our language* (Pelican).

## AC99. Classics for the Honours Degree of B.A.

The formal work of the Honours year consists mainly of weekly essays and tutorials. One term's essays are devoted to literature, another's to history, and the other's to society, thought and religion. Prose composition and unseen translation are also practised. Tuition in verse composition is available.

The examination consists of the following papers, each of which is set for three hours:

- (a) Greek prose composition.  
Two compositions are required.
- (b) Latin prose composition.  
Two compositions are required.
- (c) Passages for translation into English from Greek prose authors and poets.
- (d) Passages for translation into English from Latin prose authors and poets.
- (e) Greek and Latin literature.

Sixteen questions are set on the works of Greek and Latin authors, and candidates are required to attempt five, taking not more than three from either section of the paper. Wide reading among classical authors is needed.

- (f) Greek and Roman history.

Candidates have the choice between the following periods:

Greek: *Either* 499-411 B.C. *or* 411-323 B.C.

Roman: *Either* 82 B.C.-14 A.D. *or* 27 B.C.-69 A.D.

Eight questions are set on each period for which there are candidates. A total of five questions must be attempted, not more than three being taken from either of the periods chosen. Some acquaintance is needed with the ancient sources.

- (g) Greek and Roman society, thought and religion.

Sixteen questions are set, of which candidates are required to attempt five, taking not more than three from either section of the paper.

Optional papers in Greek and Latin verse composition are available, and credit will be given for merit shown in them. Proficiency in Greek and Latin verse composition is denoted by the letters G and L respectively following a candidate's name in the class list.

## Classics for the Degree of M.A.

A candidate for the degree must:

- (a) present a thesis of not more than 20,000 words on a subject approved by the Faculty of Arts;
- (b) present himself for examination in a portion of work approved by the Faculty of Arts.

The qualifications required of applicants to be admitted as candidates for the degree are set out in the Regulations of the degree of Master of Arts. In general, a candidate should have obtained a good Honours degree in Latin or Classics.

The degree is intended to be obtained normally by one year of full-time or two years of part-time study. Work towards the degree is pursued under a supervisor or supervisors appointed by the Faculty, and consists largely of reading and essay work, until the candidate is ready to begin writing his thesis. The thesis itself, though of an advanced standard, is not intended necessarily to contain material that is a new contribution to knowledge.

General advice to candidates and specifications for theses are set out in the Notes and Instructions to Candidates for the degree of Master. [See Part IV of Calendar.]

Potential candidates should consult the Head of the Department of Classics in the first instance.

## EDUCATION

## AD01. Education.

This course is an introduction to the study of education. It is compulsory for students proceeding to the Associateship in Arts and Education.

The following books should be read:

Gross, Ronald, *The teacher and the taught* (New York: Dell Publishing Co., A Delta Book, 1963).

Barnard, H. C., *A short history of English education*, 2nd edition (London: University of London Press, 1963).

MacLure, J. S., *Educational documents, England and Wales, 1816-1963* (London: Chapman and Hall).

Plato, *The republic*, recommended edition: either Boyd, William, *Plato's republic for today* (London: Heinemann, 1962) or F. M. Cornford (trans.) (Oxford: Clarendon Press, 1946).

Rousseau, J. J., *Emile*, recommended edition: Boyd, William, *Emile for today* (London: Heinemann, 1958).

Dewey, John, *Dewey on education*, ed. Dworkin (New York: Teachers College, Columbia, 1959) (Paper-back).

Bruner, Jerome, S., *Process of education* (Harvard University Press, 1963).

Austin, A. G., *Australian education, 1788-1900* (Melbourne: Pitman, 1961).

Butts, R. Freeman, *Assumptions underlying Australian education* (Melbourne: A.C.E.R., 1955).

Australia. Tertiary education, Committee on the future of, *Tertiary education in Australia* (Melbourne: Government Printer, 1965).

Neill, A. S., *Summerhill* (London: Gollancz, 1962).

King, Edmund J., *Other schools and ours* (New York: Rinehart and Co., 1958).

Selected novels, poetry, biography, recommended by the lecturers concerned. Particular reference to Walsh, W., *The use of imagination* (London: Chatto and Windus, 1959).

Further books and periodicals for reading and reference will be prescribed by the lecturers concerned.

## AD11. Educational Psychology IA.

This is an introductory course dealing with the nature of the learner and the learning process. It consists of two lectures a week through the year and three assignments in the form of essays, brief case studies and/or a practical exercise.

The course topics will be selected from the following outline:

## I. Preliminary Section.

The field and methods of educational psychology; its relationship to psychology.

## II. Growth and Development.

The concept of growth (physical, emotional, social, intellectual) and the inter-relatedness of different aspects. Characteristic features of human development through the periods of infancy, childhood and adolescence to maturity. The principal factors of heredity and environment which influence the development of each individual as a person and as a member of society. Personality with special reference to the self-concept. Maturation and readiness.

## III. Motivation.

The motivational cycle. The basic human needs. Unconscious motivation in behaviour. Conflict, frustration, anxiety, and defence mechanisms.

## IV. Individual Differences.

The interaction of nature and nurture in determining individual differences. Measuring and recording individual differences. Significance of deviations

from the normal. Intelligence: its nature and measurement. The special needs of backward, retarded and gifted children. Perception as affected by needs, values, culture, etc.

V. The Social Psychology of Education.

The child as a member of society in home, school and community. Sub-cultural influences. Prejudice. Elementary group dynamics. The class as a field of social inter-action. Sociometry. Social class and its implications for education. Character: the growth and organization of general habits, attitudes and ideals. The part played in this development by various institutions and mass media. Problems of adjustment at different stages between the individual and society.

VI. Learning.

Traditional theories of learning. Fundamentals of the learning process. Factors influencing learning and retention. The importance of early perceptual experience. Concept formation. Thinking and imagination. The development of language.

VII. Mental Health.

Text-books:

Valentine, C. W., *The normal child* (Pelican).

(This book should be read before the beginning of lectures.)

Lindgren, H. C., *Educational psychology in the class-room* (Wiley), or;

Blair, G. M., Jones, R. S., and Simpson, R. H., *Educational psychology* (Macmillan), or;

Klausmeier, H. J., *Learning and human abilities: educational psychology* (Harper) or;

Lovell, K., *Educational psychology and children* (U.L.P.).

Major reference books:

Crow, L. D., and Crow, A., *Adolescent development and adjustment* (McGraw-Hill).

Frandsen, A. N., *Educational psychology* (McGraw-Hill).

Macdonald, F. J., *Educational psychology* (Wadsworth).

Munn, N., *Psychology: the fundamentals of human adjustment* (Houghton Mifflin).

Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).

Peel, E. A., *The pupil's thinking* (Oldbourne).

Stone, L. J., and Church, J., *Childhood and adolescence* (Random).

Symonds, P. M., *What education has to learn from psychology* (Columbia University).

Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton Mifflin).

London University Institute of Education, *Studies in Education No. 7: The bearings of recent advances in psychology on educational problems* (Evans).

**AD21 or AD31 or AD41. Practical Teaching and Methodology A.**

This subject is an integrated course comprising:

(a) PRACTICAL TEACHING, for which the prescribed period of supervised teaching practice extends over an aggregate of ten weeks; and

(b) METHODOLOGY, which deals with the principles and methods of teaching in one of the following fields: Pre-Primary; Primary; and Secondary.

Every candidate in Practical Teaching and Methodology A will take either AD21 or AD31 or AD41, below.

A student requiring any further information about any of these subjects should get in touch with the Lecturer in Charge as follows:

Pre-Primary (AD21): Miss Ruth Rogers, Western Teachers College.

Primary (AD31): Miss M. E. J. Webber, Wattle Park Teachers College.

Secondary (AD41): Mr. R. G. Tindall, Adelaide Teachers College.

**AD21. Practical Teaching and Methodology A (Pre-Primary).**

This subject is an integrated course comprising:

- (a) PRACTICAL TEACHING;
- (b) METHODOLOGY:

A study and evaluation of the adequacy of the infant school curriculum and organization in meeting the needs of children at their particular levels of development.

- (i) The evolution of the modern infant school.
- (ii) Educational use of natural incentives, learning through play, through exploration of the environment, through experiment and the development of thought in young children.
- (iii) English (special reference to reading and phonics) Mathematics in the Infant School.
- (iv) The techniques of organization and teaching methods that will provide for continuous development of children and meet individual needs of exceptional children.
- (v) The purposes and methods of evaluation.
- (vi) The use of audio-visual aids (with special reference to school broadcasts and television), the school library and programmed learning.
- (vii) Parent-school co-operation.
- (viii) Transition and continuity in education.
- (ix) Research methods and recent findings in infant education.

Text-books:

- Churchill, E., *Counting and measuring* (Routledge and Kegan Paul).
- Gale, D. H., *The teaching of number* (Hulton Educational Publications Ltd.).
- Highfield, M., *The young school failure* (Oliver and Boyd).
- Isaacs, N., *The growth of understanding in the young child* (Educational Supply Associations Ltd).
- Logan, L. M., *Teaching the young child* (Houghton, Mifflin).
- Mellor, E., *Education through experience in the infant school years* (Blackwell).
- Great Britain: Education, Ministry of, *Primary education* (H.M.S.O.) 1959.
- Russell, D., *Children learn to read* (Ginn).
- Schonell, F. J., *The psychology and teaching of reading* (Oliver and Boyd).
- Wann, K. D., Dorn, M., Liddle, E. A., *Fostering intellectual development in young children* (Bureau of Publications, Teachers College, Columbia University).
- Willcockson, M., *Social education of young children* (National Council for the Social Studies. Curriculum Series, No. 4).
- Gardner, D. E. M., *Experiment and tradition in primary schools* (Methuen).

**AD31. Practical Teaching and Methodology A (Primary).**

This subject is an integrated course comprising:

- (a) PRACTICAL TEACHING;
- (b) METHODOLOGY:

A course of lectures and discussions extending for three hours a week for one year.

A broad consideration of modern educational principles, thought, and practice with particular reference to the teaching of English, Mathematics and Social Studies.

A list of text- and reference books will be made available to students.

## AD41. Practical Teaching and Methodology A (Secondary).

This course consists of three parts: A—the teaching of special subjects; B—general methodology; C—practical teaching.

## PART A:

Candidates must nominate three teaching subjects for study. Topics include the place of these subjects in the curriculum, the aims and methods of teaching them and practical problems associated with their teaching. Lecture and tutorial times will be arranged early in the year. Prescribed reading and written work will be indicated by the subject lecturers.

## PART B:

This section of the course deals with general principles of teaching. Topics include the principles underlying secondary school curricula, the nature and techniques of classroom testing, modern methods and instructional materials, classroom management and discipline, the library and its uses.

## Text-books:

- Connell, W. F. (ed.), *The foundations of education*, 2nd edition (Novak).  
Theobald, J. H., *An introduction to the principles of classroom testing* (Halls Book Store).

## Reference books:

- Nisbet, S. D., *Purpose in the curriculum* (U.L.P.).  
Deterline, W. A., *Introduction to programmed instruction* (Prentice-Hall).  
Bloom, B. S. (ed.), *Taxonomy of educational objectives: Handbook I: Cognitive domain* (Longmans).  
Brown, J. W., and others, *A-V instruction, materials and methods* (McGraw-Hill).  
Erickson, C. W. H., *Fundamentals of teaching with audio-visual technology* (Macmillan).

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 DIPLOMA IN EDUCATION

The course for the diploma is a single, composite course of full-time study lasting for one year and requiring the whole of a candidate's time to be devoted to it. The work consists of reading, attendance at a number of tutorial and seminar classes each week, such practical and written exercises as may be prescribed, visits to schools and other institutions, periods of supervised teaching practice, and attendance at lecture courses.

Each of the lecture courses consists of one lecture a week.

## AD04. Theory of Education I.

The following books, or chapters in books, should be read:

- Plato, *The republic*, particularly sections 9-14 and 18-28 in F. M. Cornford's edition.  
Rousseau, J. J., *Emile*.  
Arnold, M., *Culture and anarchy*.  
Mill, J. S., *On liberty*.  
Whitehead, A. N., *Aims of education*.  
Bruner, J. S., *The process of education*.  
O'Connor, D. J., *An introduction to the philosophy of education*.

**AD14. History of Education I.**

The course comprises three topics: Education in Antiquity and in the Middle Ages; Secondary Education in England from the Renaissance to the present day; the Foundations of Public Education in Australia.

The following books should be read:

- Clark, G., *World prehistory: an outline* (C.U.P.).  
 Marrou, H. I., *A history of education in antiquity* (Sheed and Ward).  
 Knowles, D., *The evolution of medieval thought* (Longmans).  
 Lawson, J., *Medieval education and the Reformation* (Routledge and Kegan Paul).  
 Charlton, K., *Education in Renaissance England* (Routledge and Kegan Paul).  
 Mack, E. C., *The public schools and British opinion, 1780-1860* (Methuen).  
 Banks, O., *Parity and prestige in English secondary education* (Routledge and Kegan Paul).  
 Austin, A. G., *Australian education, 1788-1900* (Pitman).  
 Knight, R., *Illiberal liberal: Robert Lowe in New South Wales, 1842-1850* (M.U.P.).  
 Tregenza, J., *Professor of democracy: the life of Charles Henry Pearson, 1830-1894* (M.U.P.).

The following books may also be consulted with profit:

- Dobzhansky, T., *The biological basis of human freedom* (Columbia U.P.).  
 Hawkes, J., and Woolley, L., *Prehistory and the beginnings of civilization* (George Allen and Unwin), Part II, Chapters VI and VII.  
 Alsop, J. W., *From the silent earth* (Secker and Warburg).  
 Ehrenberg, V., *Society and civilization in Greece and Rome* (Harvard U.P.).  
 Zimmern, A., *The Greek commonwealth* (O.U.P.).  
 Monroe, P., *Source book of the history of education for the Greek and Roman period* (Macmillan).  
 Waddell, H., *The wandering scholars* (Fontana).  
 Paetow, I. J., *The arts course at medieval universities* (The Iowa W. C. Brown Reprint Library).  
 Leff, G., *Paris and Oxford universities in the thirteenth and fourteenth centuries* (John Wiley).  
 Prestage, E. (ed.), *Chivalry: its historical significance and civilizing influence* (Paul, Trench and Trubner), Chapters I, III and IX.  
 Kristeller, P. O., *Renaissance thought, the classic, scholastic and humanistic strains* (Harper).  
 Woodward, W. H., *Studies in education during the age of the Renaissance* (Russell and Russell).  
 Curtis, M. H., *Oxford and Cambridge in transition, 1558-1642* (O.U.P.).  
 Ogilvie, R. M., *Latin and Greek: a history of the influence of the classics on English life from 1600 to 1918* (Routledge and Kegan Paul).  
 Robson, D., *Some aspects of education in Cheshire in the eighteenth century* (The Chetham Society, Manchester).  
 Newsome, D., *Godliness and good learning* (John Murray).  
 Rothblatt, S., *The revolution of the dons* (Faber and Faber).  
 Austin, A. G., *Select documents in Australian education, 1788-1900* (Pitman).  
*Melbourne studies in education*, annually (M.U.P.).

**AD24. Sociology of Education I.**

Students should read those parts of the following books which will be indicated:

- Bottomore, T. B., *Sociology: a guide to problems and literature* (Unwin).  
 Berger, P. L., *Invitation to sociology: a humanistic perspective* (Penguin).  
 Davis, A., *Social class influences on learning* (Harvard).  
 Riessman, F., *The culturally deprived child* (Harper).



- Hoggart, R., *The uses of literacy* (Pelican).
- Jackson, B., and Marsden, D., *Education and the working class* (Penguin).
- Halsey, A. H., Floud, J., and Anderson, C. A., *Education, economy and society* (Free Press).
- Davies, A. F., and Encel, S., *Australian society: a sociological introduction* (Cheshire).
- Davies, A. F., *Images of class: an Australian study* (Sydney University Press).
- Stubbs, J., *The hidden people: poverty in Australia* (Cheshire-Lansdowne).
- Cowan, R. W. T. (ed.), *Education for Australians* (Cheshire).
- Horne, D., *The education of young Donald* (Angus and Robertson).
- Pedley, R., *The comprehensive school* (Penguin).
- Incorporated Association of Assistant Masters in Secondary Schools, *Teaching in comprehensive schools: a second report* (Cambridge).
- Jackson, B., *Streaming: an education system in miniature* (Routledge).
- Zweig, F., *The student in the age of anxiety* (Heinemann).
- Hodgkinson, H. L., *Education in social and cultural perspectives* (Prentice-Hall).
- Great Britain: Education and Science, Department of, Centry Advisory Council for Education (England), *Children and their primary schools* (Plowden Report) (H.M.S.O.).
- Great Britain: Education, Ministry of, Central Advisory Council for Education, *Half our future* (Newsom Report) (H.M.S.O.).
- Great Britain: Council for Scientific Policy, *Inquiry into the flow of candidates in science and technology into higher education* (Dainton Report) (H.M.S.O.).

#### AD34. Educational Psychology I.

The following book should be read:

Stones, E., *An introduction to educational psychology* (Methuen).

The following books should be referred to:

Hill, W. F., *Learning*.

Eson, M. E., *Psychological foundations of education*.

Klausmeier, H. J., *Learning and human abilities: educational psychology*.

Ripple, R. E., and Klausmeier, H. J., *Adjunct program to the above*.

Bigge, M. L., and Hunt, M. P., *Psychological foundations of education*.

Page, E. B., *Readings for educational psychology*.

Lovell, K., *Educational psychology and children*.

De Cecco, J. P., *Human learning in the school*.

Peel, E. A., *The pupil's thinking*.

Vernon, P. E., *The measurement of abilities*.

Deterline, W. A., *An introduction to programmed instruction*.

Barnes, J. B., *Educational research for classroom teachers*.

Corsini, R. J., and Howard, D. D. (eds.), *Critical incidents in teaching*.

King, R. A., *Readings for an introduction to psychology*.

The Insight Books (Van Nostrand).

The Foundations of Modern Psychology Series (Prentice-Hall).

Various publications by Penguin Books.

#### AD44. Practical Teaching and Methodology B.

The prescribed period of supervised teaching practice extends over an aggregate of at least ten weeks.

There will be classes and seminars on the methods of presenting the several school subjects.

## THE DEGREE OF MASTER OF EDUCATION

Each of the four courses necessary for the degree consists of one seminar class a week lasting for an hour and a half and such written and practical work as may be prescribed.

## AD00. Theory of Education II.

The following books should be read:

- Montaigne, M. E. de, *Essais*.  
 Bruner, J. S., *The process of education*.  
 Locke, J., *Some thoughts concerning education*.  
 Arnold, M., *Culture and anarchy*.  
 Dewey, J., *The school and society*.  
 Rousseau, J. J., *Emile*.  
 McCallister, W. J., *The growth of freedom in education*.  
 Whitehead, A. N., *The aims of education*.  
 Judges, A. V. (ed.), *Education and the philosophic mind*.

The following books should be consulted:

- Plato, *Laws*.  
 Lodge, R. C., *Plato's theory of education*.  
 Nettleship, R. L., *The theory of education in Plato's Republic*.  
 Aristotle, *Ethics*.  
 Aristotle, *Politics*.  
 Quintilian, *Institutio oratoria*.  
 St. Augustine, *De magistro*.  
 Erasmus, D., *De pueris statim ac liberaliter instituendis*.  
 Vives, J. L., *De trahendis disciplinis*.  
 Elyot, Sir Thomas, *The booke named the gouvernour*.  
 Ascham, Roger, *The scholemaster*.  
 Woodward, W. H., *Vittorino da Feltre and other humanist educators*.  
 Barnard, H. C., *The little schools of Port-Royal*.  
 Hughes, T., *Loyola and the educational system of the Jesuits*.  
 Comenius, J. A., *The great didactic*, ed. M. W. Keatinge (Black).  
 Milton, J., *Tractate of education*.  
 Pestalozzi, J. H., *How Gertrude teaches her children*.  
 Silber, Kate, *Pestalozzi: the man and his work*.  
 Fichte, J. G., *Addresses to the German nation*.  
 Herbart, J. F., *The science of education*.  
 Froebel, F. W. A., *Education of man*.  
 Mill, J. and J. S., *On education*, ed. F. A. Cavenagh (C.U.P.).  
 Spencer, H., *Education, intellectual, moral and physical*.  
 Newman, J. H., *Idea of a university*.  
 Huxley, T. H., *A liberal education; and where to find it in his Lectures and lay sermons* (Dent).  
 Dewey, J., *My pedagogical creed*.  
 Montessori, M., *The Montessori method*.  
 Whitehead, A. N., *Adventures of ideas*.  
 Wordsworth, W., *The prelude*.  
 Snyder, A. D. (ed.), *Coleridge on logic and learning*.  
 Coleridge, S. T., *Aids to reflection*.  
 Coleridge, S. T., *Biographia literaria*.  
 Leavis, F. R., *Education and the universities*.  
 Leavis, F. R., *Revaluation*.  
 Santayana, G., *The life of reason*.  
 Lawrence, D. H., *Letters*.  
 Lawrence, D. H., *Education of the people*, in his *Phoenix: posthumous papers* (Heinemann).

- Collingwood, R. G., *Essay on philosophical method*.  
 Coleridge, S. T., *Philosophical lectures*, edited by K. Coburn.  
 Suttie, I. D., *The origins of love and hate*.  
 Thring, E., *Theory and practice of teaching*.  
 Stewart, W. A. C., *Quakers and education*.  
 Castle, E. B., *Moral education in Christian times*.  
 Leavis, F. R., and Thompson, Denys, *Culture and environment*.  
 Judges, A. V. (ed.), *Pioneers of English education*.

#### AD10. History of Education II.

The course comprises the two topics: The History of Education in France (a reading knowledge of French is not required); The History of Secondary Education in Australia.

It is assumed that candidates enrolled for the course will have read the books prescribed or recommended for History of Education I.

The following books are also recommended:

- Jackson, J. H., *A short history of France from early times to 1958* (C.U.P.).  
 Koestler, A., *The sleepwalkers* (Penguin).  
 Aron, Robert, *Jesus of Nazareth* (Hamilton).  
 Jaeger, W., *Early Christianity and Greek Paideia* (Belknap).  
 Augustinus Aurelius, saint, bp. of Hippo, *Confessions*.  
 Rashdall, H., *The universities of Europe in the middle ages*, 2nd ed., ed. Powicke and Emden, 1936, 3 vols. (Clarendon Press), for reference.  
 Haskins, C. H., *The renaissance of the twelfth century* (Harvard).  
 Ariès, P., *Centuries of childhood* (Cape).  
 Bernard, H. C., *The French tradition in education: Ramus to Mme. Necker de Saussure* (C.U.P.).  
 Battersby, W. J., *De la Salle: a pioneer of modern education* (Longmans).  
 Battersby, W. J., *History of the Institute of the Brothers of the Christian Schools*, 3 vols. (Waldegrave).  
 Toulmin, S. E., and Goodfield, J., *The discovery of time* (Hutchinson).  
 Johnson, D., *Guizot: aspects of French history 1774-1874*.  
 Waddington, P., *The history, administration and function of the Baccalauréat as a secondary school examination in France* (Xerox copy available in the Barr Smith Library).  
 Arnold, M., *Schools and universities on the continent* (Michigan U.P.).  
 Arnold, M., *Democratic education* (Michigan U.P.).  
 Graves, N. J., *Technical education in France in the nineteenth century (Vocational aspect of secondary and further education, vol. 16, 1964, pp. 148-160 and pp. 163-175)*.  
 Graves, N. J., *The "grandes écoles" in France (Vocational aspect of secondary and further education, vol. 17, pp. 40-49)*.  
 Hughes, H. S., *Consciousness and society* (Vintage Books, Random House).  
 Wykes, Olive, *Secondary education in France during the Fourth Republic* (Xerox copy available in the Barr Smith Library).  
 Fraser, W. R., *Education and society in modern France* (Routledge).  
 Cros, L., *The explosion in the schools* (S.E.V.P.E.N.).  
 Halls, W. D., *Society, schools and progress in France* (Pergamon).  
 Capelle, J., *Tomorrow's education: the French experience* (Pergamon).  
 Rideau, E., *Teilhard de Chardin: a guide to his thought* (Collins).  
 French, E. L., *Secondary education in the Australian social order, 1788-1898* (Xerox copy available in the Barr Smith Library).  
 Nadel, G., *Australia's colonial culture* (Cheshire).  
 Fogarty, R., *Catholic education in Australia 1806-1950*, 2 vols. (M.U.P.).  
 Crane, A. R., and Walker, W. G., *Peter Board. His contribution to the development of education in New South Wales* (A.C.E.R.).  
 Anchen, J. O., *Frank Tate and his work for education* (A.C.E.R.).

Beare, H., *The influence of Alfred Williams and the Price Ministry on public education in South Australia* (Xerox copy available in the Barr Smith Library).

Wyeth, E. R., *Education in Queensland* (A.C.E.R.).

New South Wales, Education, Dept. of, *Report of the committee appointed to survey secondary education in New South Wales* (N.S.W. Govt. printer).

#### AD20. Sociology of Education II.

Candidates who have not completed the course, Sociology of Education I, will be expected to have read the following books:

Riessman, F., *The culturally deprived child* (Harper).

Reisman, D., *The lonely crowd* (Yale).

Davis, A., *Social class influences on learning* (Harvard).

Hoggart, R., *The uses of literacy* (Pelican).

Much of the important reading for the course is contained in Journal articles: these will be indicated.

The following books should be read:

Halsey, A. H., and others, *Education economy and society*. (Free Press.)

Great Britain: Education, Ministry of, Central Advisory Council for Education, *15 to 18* (Crowther Report) (H.M.S.O.).

Cotgrove, S. F., *Technical education and social change* (George Allen and Unwin).

Radford, W. C., *School leavers in Australia, 1959-1960* (A.C.E.R.).

Great Britain. *Committee on Higher Education* (Robbins Committee): *Report* (H.M.S.O. Cmnd. 2154).

Australia: Tertiary Education, Committee on the future of, *Tertiary education in Australia* (Martin Report) (Government Printer, Melbourne).

Clark, Burton R., *The open door college* (McGraw-Hill).

Jackson, B., and Marsden, D., *Education and the working class* (Routledge).

Gerth, H., and Mills, C. W., *From Max Weber* (Routledge).

Bendix, R., and Lipset, S. M., *Class, status and power* (Free Press).

Klein, J., *Samples from English cultures* (vols. I and II) (Routledge).

Books from the following list should also be consulted:

Lieberman, M., *Education as a profession* (Prentice-Hall).

Ashby, E., *Technology and the academics* (Macmillan).

Mays, J. B., *Education and the urban child* (Liverpool U.P.).

Reissman, L., *Class in American society* (Routledge).

Mills, C. W., *White collar* (O.U.P.).

Halsey, A. H., *Ability and opportunity* (O.E.C.D.).

Campbell, W. J., *Television and the Australian adolescent* (Angus and Robertson).

Mackenzie, N. I., *Women in Australia* (Cheshire).

Cloward, R. A., and Ohlin, L. E., *Delinquency and opportunity* (Routledge).

Zweig, F., *The worker in an affluent society* (Heinemann).

Young, M., and Willmott, P., *Family and kinship in East London* (Routledge).

Williams, R., *The long revolution* (Chatto and Windus).

Conant, J. B., *The American high school today* (McGraw-Hill).

Karmel, P., *Some economic aspects of education* (Cheshire).

Eells, K. W., and others, *Intelligence and cultural differences* (University of Chicago Press, 1951).

Great Britain: Board of Education, *The public schools* (Fleming Report) (H.M.S.O.).

- Newsom, J. H., *The education of girls* (Faber).  
 Glass, D. V. (ed.), *Social mobility in Britain* (Routledge and Kegan Paul).  
 Australia: Commonwealth Office of Education and A.C.E.R., *Matriculation and after* (A.C.E.R.).  
 Pedley, R., *Comprehensive education* (Gollancz).  
 Musgrove, F., *The decline of the educative family* (see *Universities Quarterly*, vol. 14, No. 4, pp. 377-404).  
 Oeser, O. A., *Social structure and personality in a city* (Routledge).  
 Oeser, O. A., *Social structure and personality in a rural community* (Routledge).  
 Berdie, R. F., *Manpower and the schools* (A.C.E.R.).  
 Oddie, N. M., and Spearritt, D., *Educational activities of Victorian adolescents* (A.C.E.R.).  
 Bean, C. E. W., *Here my son* (Angus and Robertson).  
 Furneaux, W. D., *The chosen few* (O.U.P.).  
 Venables, P. F. R., *Technical education*.  
 Edwards, Reese, *The secondary technical school in England* (London University Press).  
 McIntosh, D. M., *Educational guidance and the pool of ability* (London University Press).  
 Great Britain: Education, Ministry of, Central Advisory Council on Education, *Early leaving* (H.M.S.O.).  
 Banks, O., *Parity and prestige in English education* (Routledge and Kegan Paul).  
 Friedmann, G., *Industrial society* (Free Press).  
 Wilkinson, R., *The prefects* (O.U.P.).  
 Douglas, J. W. B., *The home and the school*.  
 McClelland, D., *The achievement motive* (Appleyard).  
 McClelland, D., *The achieving society* (D. Van Nostrand).  
 Wilson, P., Carr-Saunders, A. M., *The professions*.  
 Bottomore, T. and Rubel, M., *Karl Marx: selected writings in sociology and social philosophy* (Watts).  
 Great Britain, Education, Ministry of, Central Advisory Council for Education, *half our future* (Newsom Report).

Primary sources:

- Annual reports of ministers of education for each state.*  
*Official gazettes of education departments in each state.*  
*Publications of bureau of census and statistics: University statistics I.*  
*University finance.*  
*Statistical register of South Australia.*  
*Commonwealth year book, Part VII.*  
*Social statistics.*  
*Reports of Australian universities commission.*  
*The Australian education index and The British education index* should be consulted.

AD30. Educational Psychology II.

This course of lectures, tutorials, written and practical exercises will have special reference to educational research and the application of it to teaching in schools.

Students must be familiar with the following publications devoted to educational research:

Journals:

- Educational research.*  
*Review of educational research.*  
*Journal of educational psychology.*  
*British journal of educational psychology.*

## Reference book:

Harris, C. W. (ed.), *Encyclopædia of educational research*, 3rd edition (Macmillan).

The course will be arranged in a number of topics, each of which will be pursued in depth. These topics will vary somewhat from year to year and the special interests of individual students will be taken into account wherever practicable. However, examples of likely topics are: the psychological demands on teachers, success and failure in school, examining and problems of prediction, discipline in school and character development, classroom organisation and problems of individual differences, auto-instructional devices and learning theory, children's thinking, intelligence and creativity, motivation and the curriculum, the teacher and delinquency, research in the classroom.

The following list of recommended books is not intended to be prescriptive; nor can it be comprehensive in view of the flexibility of the course as outlined above. The first few titles may be regarded as general background reading; the remainder will assist in the investigation of various topics.

- Cronbach, L. J., *Educational psychology*.  
 Eson, M. E., *Psychological foundations of education*.  
 Smith, L. M. and Hudgins, B. B., *Educational psychology*.  
 McDonald, F., *Educational psychology*.  
 Spindler, George D., *Education and culture*.  
 Bigge, M. L., and Hunt, M. P., *Psychological foundations of education*.  
 Allport, G. W., *Becoming*.  
 Two paperback series, the *Insight Books* published by Van Nostrand, and the *Foundations of Modern Psychology* series, published by Prentice-Hall, will provide valuable background reading.  
 Fleming, C. M., *Teaching—a psychological analysis*.  
 Ryans, D. G., *Characteristics of teachers*.  
 Redl, F., and Wattenberg, W. W., *Mental hygiene in teaching*.  
 Highfield, M. E., *The young school failure*.  
 Haring, N. G., and Phillips, E. L., *Educating emotionally disturbed children*.  
 MacPherson, J. S., *Eleven-year-olds grow up*.  
 Scottish Council for Research in Education. Mental Survey Committee, *Educational and other aspects of the 1947 Scottish mental survey*.  
 Cruickshank, W. M., and Johnson, G. O. (eds.), *Education of exceptional children and youth*.  
 Kirk, S. A., and Johnson, G. O., *Educating the retarded child*.  
 Burt, C., *The causes and treatment of backwardness*.  
 Fraser, E., *Home environment and the school*.  
 Stott, D. H., *The social adjustment of children*.  
 Wills, W. David, *Throw away thy rod*.  
 Farley, R. M., *Secondary modern discipline*.  
 Vernon, P. E., *Intelligence and attainment tests*.  
 McClelland, D. C., et al., *Talent and society*.  
 Hunt, J. McV., *Intelligence and experience*.  
 Getzels, J. W., and Jackson, P. W., *Creativity and intelligence*.  
 Russell, D. H., *Children's thinking*.  
 Peel, E. A., *The pupil's thinking*.  
 Piaget, J., *The language and thought of the child*.  
 Tanner, J. M., *Education and physical growth*.  
 National Society for the study of education, 63rd Yearbook, *Theories of learning and instruction*.  
 Travers, R. M. W., *Essentials of learning*.  
 Lumsdaine, A. A., and Glaser, R. (eds.), *Teaching machines and programmed learning*.  
 Fry, E. B., *Teaching machines and programmed instruction*.  
 Mussen, P. H., et al., *Child development and personality*.  
 Havighurst, R. J., *Human development and education*.  
 Gordon, I. J., *Human development*.

- Peck, R. F., and Havighurst, R. J., *The psychology of character development*.
- Herbert, W. L., and Jarvis, F. V., *Dealing with delinquents*.
- Shields, R. W., *A cure for delinquents*.
- Nye, F. Ivan, *Family relationships and delinquent behaviour*.
- Stott, D. H., *Delinquency and human nature*.
- Cronbach, L. J., *Essentials of psychological testing*, 2nd edition.
- Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition.
- Vernon, P. E., *The measurement of abilities*.
- Bloom, B. S. (ed.), *Taxonomy of educational objectives*.
- Scottish Council for Research in Education. *Aids to educational research, comprising bibliographies and plans of research*. Revised edition.
- Hyman, R., *The nature of psychological inquiry*.
- Selltiz, C., et al., *Research methods in social relations*.
- Travers, R. M. W., *An introduction to educational research*
- Townsend, J. C., *Introduction to experimental method for psychology and the social sciences* (McGraw-Hill).
- Russell, D. H., *Implications of research for Canadian classroom practices*.
- Humphrey, G., and Argyle, M., *Social psychology through experiment*.

#### AD40. Comparative Education.

The following books should be read:

- Hans, N. A., *Comparative education*.
- Kandel, I. L., *Comparative education*.
- Kandel, I. L., *The new era in education*.
- The world year book of education*, 1948.
- The world year book of education*, 1952.
- Armfelt, R., *The structure of English education*.
- Johnson, W. H. E., *Russia's educational heritage*.
- Ulich, R., *The education of nations*.
- Benson, C. S., *The economics of public education*.
- Cruikshank, M., *Church and state in English education, 1870 to the present day*.
- Dancy, J. C., *The public schools and the future*.
- King, E. J., *Other schools and ours*.

The following books should also be consulted:

- Hans, N. A., *History of Russian educational policy*.
- Monroe, P., *The founding of the American public school system*.
- Myrdal, G., *An American dilemma: the negro problem and modern democracy*.
- U.N.E.S.C.O., *World survey of education, vol. 1: Handbook of educational organization and statistics*.
- Durkheim, E., *L'évolution pédagogique en France*.
- Edwards, N., and Richey, H. G., *The school in the American social order*.
- The world year book of education*, 1938. Hans, N. A., *Educational traditions in the English-speaking countries*.
- Hans, N. A., and Hessen, S., *Educational policy in Soviet Russia*.
- U.N.E.S.C.O., *Education in the modern world*.
- Simon, B., *Studies in the history of education*.
- Peterson, A. D. C., *A hundred years of education*.
- Rée, H., *The essential grammar school*.
- Dempster, J. J. B., *Purpose in the modern school*.
- Neal, L. F., *External examinations in secondary modern schools*. Leeds University. Institute of Education. Researches and Studies, 1956.
- Wolfenden, J. F., *The public schools of today*.

- Mallinson, V., *An introduction to the study of comparative education*.  
 Cramer, J. F., and Browne, G. S., *Contemporary education*.  
 Pedley, R., *Comprehensive schools today*.  
*The world year book of education, 1959*.  
 Great Britain: Education, Ministry of, Central Advisory Council on  
 Education, 15 to 18 (Crowther Report) (H.M.S.O.).  
 Kandel, I. L., *Impressions of Australian education*.  
 Medsker, L. L. *The junior college: progress and prospect*.  
 Conant, J. B., *The American high school*.  
 Conant, J. B., *The education of American teachers*.  
 Barzun, J. M., *The house of intellect*.  
 Riesman, D., *Constraint and variety in American education*.  
 Lieberman, M., *The future of public education*.  
 Butts, R. F., and Cremin, L. A., *A history of education in American culture*.  
*The world year book of education, 1960*.  
 Flexner, A., *Universities*.  
 Barnard, H. C., *The French tradition in education*.  
 Bereday, G. Z. F., and Pennar, J. (eds.), *Politics of Soviet education*.  
 Bereday, G. Z. F., Brickman, W. W., and Read, G. H., *The changing  
 Soviet school*.  
 Robbins, L. C., *The university in the modern world* (St. Martin's Press).

#### AD50. History and Theory of Science.

A study of the development of scientific thought from earliest times to the beginnings of modern science and of selected topics in the development of chemistry and the historical sciences from the seventeenth century to the present. The course will be concerned with the study of the structure of scientific change: the nature of scientific methods, explanation and proof; the cross-fertilization between sciences; the relation between pure science and technology; and the influence of non-scientific factors upon the growth of science. Special interests of individual students will be taken into account whenever possible.

The course is intended primarily for graduates in science but, with the approval of the Head of the Department of Education, in special cases other qualified graduates may be permitted to take the course.

#### Recommended books:

- Kuhn, T. S., *The structure of scientific revolutions* (Chicago U.P.).  
 Gillispie, C., *Edge of objectivity* (Oxford U.P.).  
 Hesse, M. B., *Models and analogies in science* (Sheed and Ward).  
 Beveridge, W. I. B., *The art of scientific investigation* (Heinemann).  
 Sambursky, S., *Physical world of the Greeks* (Routledge).  
 Clagett, M., *Greek science in antiquity* (Abelard-Schuman).  
 Crombie, A. C., *Augustine to Galileo* (Mercury books).  
 Hall, M. B., *The scientific renaissance* (Collins).  
 Kearney, H. F., *Origins of the scientific revolution* (Longmans).  
 Kuhn, T. S., *Copernican revolution* (Harvard).  
 Hall, A. R., *Galileo to Newton* (Collins).  
 Santillana, G. de, *Crime of Galileo* (Heinemann).  
 Dijksterhuis, E. J., *The mechanization of the world picture* (Clarendon).  
 Cohen, I. B., *The birth of new physics* (Doubleday).  
 Hall, M. B., *Robert Boyle and seventeenth century chemistry* (C.U.P.).  
 Guerlac, H., *Lavoisier, the crucial year* (Cornell).  
 Lovejoy, A., *A great chain of being* (Harper).  
 Toulmin, S., and Goodfield, J., *Discovery of time* (Hutchinson).  
 Adams, F. D., *Birth and development of the geological sciences* (Dover).  
 Hooykaas, R., *The principle of uniformity* (Brill).  
 Bodenheimer, F. S., *The history of biology: an introduction* (Dawson).



- Ritterbush, P. C., *Overtures to biology* (Yale).  
 Eiseley, L. C., *Darwin's century* (Doubleday).  
 Olson, E. C., *The evolution of life* (New American Library).  
 Leicester, H. M., *The historical background of chemistry* (Wiley).  
 Nash, L. K., *The atomic-molecular theory* (Harvard).  
 Ihde, A. J., *The development of modern chemistry* (Harper).  
 Hesse, M. B., *Forces and fields* (Nelson).  
 Toulmin, S., *The philosophy of science* (Hutchinson).  
 Hutten, E. H., *The origins of science* (Allen and Unwin).  
 Popper, K. R., *The logic of scientific discovery* (Hutchinson).  
 Popper, K. R., *Conjectures and refutations* (Routledge).  
 Polanyi, M., *The study of man* (Routledge).  
 Polanyi, M., *Science, faith and society* (Oxford).  
 Oppenheimer, J. R., *The flying trapeze: three crises for physicists*.  
 Nicolson, M. H., *Science and imagination* (Cornell).  
 Read, J., *Humour and humanism in chemistry* (Bell).  
 Klemm, F., *History of western technology* (Allen and Unwin).  
 White, L. T., *Medieval technology and social change* (Clarendon).  
 Derry, T. K., and Williams, T. I., *A short history of technology* (Clarendon).

Useful background reading will be found in the following paper-backed books:

- Hurd, D. L., and Kipling, J. J. (eds.), *Origins and growth of physical science*, 2 vols. (Penguin).  
 Rook, A. (ed.), *Origin and growth of biology* (Penguin).  
 Toulmin, S., and Goodfield, J., *Fabric of heavens* (Penguin).  
 Toulmin, S., and Goodfield, J., *Architecture of matter* (Penguin).  
 Forbes, R. J., and Dijksterhuis, E. J., *A history of science and technology*, 2 vols. (Penguin).

Reference books:

- Taton, R., *A general history of the sciences*, 4 vols.  
 Sarton, G. A. L., *An introduction to the history of science*.  
 Partington, J. R., *A history of chemistry*, vols. 2, 3 and 4.  
 Needham, J., *Science and civilization in China*, 4 vols. to date.  
 Wolf, A., *A history of science, technology and philosophy in the 16th, 17th and 18th centuries*, 2 vols.  
 Daumas, M., *Histoire générale des techniques*.  
 Singer, C. J., Holmyard, E. J., Hall, A. R., and Williams, T. I., *A history of technology*, 5 vols.

Collections of source materials, journals and collected essays:

The source materials will be studied whenever practicable, including selected passages from the works of Copernicus, Galileo, Kepler, Newton, Bacon, Harvey, Boyle, Hales, Dalton, Darwin and Pasteur. Many important Greek and Latin works are available in translation in the 'Loeb Classics Library' and in *Source Book in Greek Science* (eds. Cohen, M. R., and Drabkin, I. E.). For modern science, apart from the collections of readings included in several of the recommended books, useful material will be found in the *Source Books in Astronomy* (eds. Shapley and Haworth), *Physics* (ed. Magie, W. F.), *Chemistry* (eds. Leicester, H. M., and Klickstein, H. S.), *Geology* (eds. Mather, K. F., and Mason, S. L.) and *Medical History* (ed. Clendening, L.).

Much of the important reading for the course is contained in the articles in journals such as *The British journal for the history of science*, *Isis*, *Osiris*, *Annals of science*, *History of science*, *Archives internationales d'histoire des sciences*, *British journal for the philosophy of science*, *Scientia*, *Journal of the history of ideas*, *Minerva* and *Technology and culture*.

A number of valuable articles and essays from these and other journals have been collected and reprinted. Books to which students will need to refer also include collections of important papers presented to the international conferences and symposia and of essays written in honour of eminent scientists and historians and philosophers of science. Valuable collections of this type are:

- Clagett, M. (ed.), *Critical problem in the history of science*.  
 Crombie, A. C. (ed.), *Scientific change*.  
 Singer, C. (ed.), *Studies in the history and method of science*.  
 Underwood, E. A. (ed.), *Science, medicine and history: essays in honour of Charles Singer*.  
 Wiener, P. P., and Noland, A. (eds.), *Roots of scientific thought*.  
 Goldsmith, M., and McKay, A. L. (eds.), *The science of science*.  
 Glass, H. B., Tomkin, D., and Straus, W. L. (eds.), *Forerunners of Darwin: 1745-1859*.  
 Bell, P. R. (ed.), *Darwin's biological work: some aspects reconsidered*.  
 Barnett, S. A. (ed.), *A century of Darwin*.  
 Conant, J. B. (ed.), *Harvard case histories in experimental science*, 2 vols.

For more recent aspects of the development of science the appropriate scientific journals will be consulted.

#### Thesis.

A candidate is required to consult the Professor of Education about the subject and course of reading for his thesis.

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## ENGLISH LANGUAGE AND LITERATURE

English I, English II, English III, and Australian Literature are subjects for the Ordinary degree of Bachelor of Arts. No student proceeding to a degree may, without special permission, take English II until he has passed the final examination in English I, or take English III until he has passed the final examination in English II.

The subject Australian Literature forms no part of a sequence in English.

The subjects are made up of lectures and tutorials. Since the tutorial groups are small, and are arranged as far as possible at times to suit the best convenience of both students and tutors, *all students must attend the preliminary meeting held in the first week of the first term in each year*, at which the tutorial timetable is fixed.

In English I two lectures are given each week. Students attend tutorials once a week.

In English II two lectures are given each week. Students attend tutorials once a week.

In English III three lectures are given each week. Students attend tutorials once a week.

#### AE01. English I.

##### I. The history and structure of the English language.

Barber, C., *The story of language* (Pan).

Turner, G. W., *The English language in Australia and New Zealand* (Longmans).

##### II. A critical study of some of the main types of English literature at various periods with a detailed knowledge of the following books:

###### A. Poetry:

Chaucer, *The Franklin's tale*, ed. P. Hodgson (Athlone Press), or *The Franklin's prologue and tale*, ed. Spearing (C.U.P.).

Donne, *The songs and sonnets*, ed. Redpath (Methuen).

Milton, *Samson Agonistes and the shorter poems* (Signet).

Wordsworth, *Prelude and selected poems and sonnets*, ed. Baker (Holt, Rinehart, Winston).

Mack, M., and others (eds.), *English masterpieces*, vol. 7: *Modern poetry* (Prentice-Hall).

## B. Drama:

- Shakespeare, *Othello* (New Arden or Signet).  
 Jonson, *The alchemist*, ed. F. H. Mares (*The Revels Plays or New Mermaid*).  
 Wycherley, *The country wife in Three Restoration plays* (Penguin), or *Restoration plays* (Everyman).  
 Shaw, G. B., *Major Barbara*, ed. A. C. Ward (Longmans).  
 Pinter, H., *The caretaker* (Methuen).  
 (Students are expected to have some acquaintance with Greek drama. They should at least read one of the tragedies translated in the *Penguin Classics*.)

## C. Novel:

- Fielding, *Joseph Andrews* (Rinehart).  
 Austen, J., *Sense and sensibility* (Signet).  
 Eliot, G., *The mill on the Floss*, ed. Haight (Riverside edition, Houghton Mifflin).  
 Dickens, C., *Hard times* (Signet).  
 James, H., *The Europeans* (Penguin).  
 Forster, E. M., *A passage to India* (Penguin).  
 Heller, J., *Catch 22* (Corgi).

## For reference:

- Stevens, M., and Kegel, C. H., *A glossary of college English* (McGraw-Hill).

## AE02. English II.

Pre-requisite subject: English I.

The course is concerned with English literature from 1550-1780. There will be a special study of Shakespeare and the Elizabethan drama and in addition, one topic must be chosen for intensive study from among the options offered.

## I. English literature from 1550 to 1780.

The following books are to be studied in detail:

- Spenser, *Selected poetry*, ed. A. C. Hamilton (Signet).  
 Williams, J. E. (ed.), *English Renaissance poetry* (Anchor).  
 Kenner, H. (ed.), *Seventeenth century poetry* (Rinehart).  
 Donne, *Sermons: selected passages*, ed. L. P. Smith (O.U.P.).  
 Milton, *Dramatic poems*, ed. G. and M. Bullough (London U.P.).  
 Etherege, Sir G., *The man of mode in Restoration plays*, ed. Gosse (Everyman).  
 Dryden, *Poems* (O.U.P.).  
 Pope, *Collected poems*, ed. Dobrée (Everyman).  
 Swift, *Gulliver's travels*.  
 Johnson, *Prose and poetry*, selected M. Wilson (Reynard).  
 Sterne, *Tristram Shandy* (Penguin).  
 Smollett, *Humphrey Clinker* (Everyman).  
*Shorter Novels, Vol. III: The Eighteenth Century* (Everyman).  
 Sheridan, *The rivals in Eighteenth century drama*, ed. J. Wood Krutch (Bantam).

## II. Shakespeare and the drama of his age.

- Marlowe, *The Jew of Malta*, ed. R. W. Van Fossen (Arnold).  
 Jonson, *Epicene*, ed. L. Beaurline (Arnold).  
 Middleton, *A chaste maid in Cheapside*, ed. A. T. Brissenden (Benn).  
 Shakespeare, *Richard II, Twelfth night, Troilus and Cressida, Hamlet, Winter's tale* (New Arden, New Penguin, Cygnet or other reputable edition).  
 Webster, *The Duchess of Malfi* (Revels or New Mermaid).

## III. Special studies.

One to be chosen from the following:

## (1) The restoration Period.

With special reference to:

- Bunyan, *Grace abounding*.  
 Dryden, *An essay of dramatic poesy*.  
 Wycherley, *The country wife*.  
 Rochester, *Poems*, ed. V. de Sola Pinto.  
 Otway, *Venice preserved*.  
 Congreve, *The way of the world*.

## (2) The Eighteenth Century Novel.

With special reference to:

- Richardson, *Clarissa*, 4 vols. (Everyman).  
 Fielding, *Tom Jones*.

and a selection of the following:

- Defoe, *Robinson Crusoe*, *Roxana*.  
 Smollett, *Adventures of Roderick Random*.  
 Goldsmith, *The vicar of Wakefield*.  
 Mackenzie, *The man of feeling*.  
 Godwin, *Caleb Williams* (New English Lib.).

## (3) Chaucer.

A study of Chaucer's art and themes, with special attention to the following:

*Troilus and Criseyde*.

Prescribed:

Chaucer, *Complete works*, ed. F. N. Robinson, 2nd edition (O.U.P.).

## AE03. English III.

A study of three periods of English literature since 1780, with special but not exclusive reference to the following works:

## A. Romantic period.

- Crabbe, *Tales*, 1812, etc., ed. Howard Mills (C.U.P. Paperback).  
 Wordsworth, *Selected poetry* (Modern Library).  
 Coleridge, *Selected poems*, ed. J. A. Colmer (New Oxford English series).  
 Byron, *Don Juan* (Riverside edition, Houghton Mifflin).  
 Keats, *Selected poems and letters* (Riverside edition, Houghton Mifflin).  
 Austen, J., *Persuasion*.  
 Austen, J., *Northanger Abbey*.  
 Scott, W., *Waverley*.  
 Peacock, T. L., *Nightmare Abbey*.  
 Peacock, T. L., *Crotchet Castle*.  
 Foakes, R. A., *Romantic critical essays*, 1800-1850 (Arnold).  
 Hazlitt, W., *The spirit of the age* (Everyman).

## B. Victorian period:

- Tennyson, *Selected poetry*, ed. Charles Tennyson (Collins).  
 Arnold, *Poems* (Oxford Standard Authors).  
 Arnold, *A Matthew Arnold prose selection*, ed. J. D. Jump (Macmillan's English Classics).  
 Carr, A. J., *Victorian poetry: Clough to Kipling* (Holt, Rinehart and Winston).  
 Dickens, C., *Great expectations*.  
 Eliot, G., *Daniel Deronda*.

- Hardy, T., *Jude the obscure*.  
 James, H., *The golden bowl*.  
 Mill, J. S., *Essays on literature and society*, ed. J. B. Schneewind (Collier Books, N.Y.).  
 Carlyle, T., *Past and present*.  
 Morris, W., *News from nowhere* and *A dream of John Ball* (in *Three works*, Seven Seas Books).  
 Rowell, G. (ed.), *Late Victorian plays* (O.U.P. World's Classics).  
 Shaw, G. B., *Plays unpleasant*.

C. Modern period:

- Yeats, W. B., *Selected poetry* (St. Martin's Library, Macmillan).  
 Eliot, T. S., *Collected poems, 1900-1962* (Faber).  
 Stevens, Wallace, *Selected poems* (Faber).  
 Hope, A. D., *Collected poems, 1930-1965* (Angus and Robertson).  
 Mack, M., and others (eds.), *English masterpieces*, vol. 7: *Modern poetry* (Prentice-Hall).  
 Wells, H. G., *Tono-Bungay*.  
 Forster, E. M., *Howards End*.  
 Joyce, J., *Portrait of the artist*.  
 Lawrence, D. H., *Women in love*.  
 Lawrence, D. H., *Selected literary criticism* (Mercury Books).  
 Fitzgerald, F. Scott, *The great Gatsby*.  
 Woolf, V., *To the lighthouse*.  
 Golding, W., *Free fall*.  
 Pinter, H., *The birthday party*.  
*New English dramatists*, vols. 6 and 7 (Penguin).  
 Leavis, F. R., and Thompson, Denys, *Culture and environment*.

**AE72. Australian Literature.**

Pre-requisite subject: English I.

Students should note that this subject does not form part of a sequence in English for the degree of Bachelor of Arts.

The course consists of two lectures a week and one tutorial fortnightly, the latter of two hours' duration.

This course may not be attempted externally.

*Note:* Owing to the publishing situation in Australia at present it is frequently found difficult to purchase copies of all the works prescribed. In most cases, however, students will be able to profit by the resources of the Barr Smith Library and especially of the multiple copy collection.

I. Authors and works.

(a) Poetry:

- Ward, R. B. (ed.), *The Penguin book of Australian ballads*.  
 The poetry of Adam Lindsay Gordon, Hugh McCrae, Shaw Neilson, Douglas Stewart, Rosemary Dobson.

(b) Fiction and drama:

- Furphy, J., *Such is life*.  
 Richardson, H. H., *The fortunes of Richard Mahony*.  
 Baynton, B., *Bush studies*.  
 Stow, R., *The merry-go-round in the sea*.  
 Boyd, M., *The cardboard crown* or *A difficult young man*.  
 White, P., *The burnt ones*.  
 Mathers, P., *Trap*.  
 Elliott, S. L., *Rusty bugles in Khaki, bush and bigotry* (University of Queensland Press).

At least one other recent work of fiction or drama.

- (c) Special subject: literature relating to the convict system.  
 Savery, H., *Quintus Servinton*.  
 Tucker, J., *Adventures of Ralph Rashleigh*.  
 Clarke, M., *For the term of his natural life*.  
 Hay, W. G., *The escape of the notorious Sir William Heans*.  
 Porter, H., *The tilted cross*.  
 Keneally, T., *Bring larks and heroes*.

Recommended reading:

- Barry, J. V. W., *The life and death of John Price*.  
 Robson, L. L., *The convict settlers of Australia*.

II. Background and orientation.

(a) Aborigines:

- Parker, K. L., *Australian legendary tales*.  
 Robinson, R., *Aboriginal myths and legends*.

Recommended reading:

- Berndt, R. M. and C. H., *The world of the first Australians*.  
 Mountford, C. P., *Brown men and red sand*.

(b) Biography and memoirs:

- Vaux, J. H., *Memoirs*.  
 Richardson, H. H., *Myself when young*.  
 Boyd, M., *Day of my delight*.  
 Porter, H., *The watcher on the cast iron balcony*.  
 Horne, D., *The education of young Donald*.

Recommended reading:

- Johnston, G., *My brother Jack*.

(c) (i) Language:

- Ramson, W. S., *Australian English*.  
 Recommended reference: Baker, S. J., *The Australian language*.

(ii) General (historical and regional):

- Ward, R. B., *The Australian legend*.  
 Moorehead, A. M., *The fatal impact*.  
 Phillips, A. A., *The Australian tradition*.  
 Newland, S., *Paving the way*.

(d) Special subject: Australian landscape.

- Elliott, B. R., *The landscape of Australian poetry*.  
 Recommended reading: Smith, B. W., *European vision and the South Pacific*.

**AE87. Old and Middle English I.**

A. Anglo-Saxon culture and institutions.

B. The Old English language.

Prescribed book:

- Mitchell, B., *A guide to Old English* (Blackwell).

C. Introduction to Old and Early Middle English literature.

D. Study of Old and Early Middle English texts.

Prescribed books:

- Sweet, H., *Anglo-Saxon reader*, rev. D. Whitelock, 15th edition (O.U.P.).  
 Ælfric, *Colloquy*, ed. G. N. Garmonsway (Methuen).  
 Brook, G. L. (ed.), *The Harley lyrics* (Manchester U.P.).  
 Shepherd, G. (ed.), *Ancrene Wisse* (Nelson).

## AE88. Old and Middle English II.

- A. Medieval English culture and institutions.
- B. Old and Middle English language.

For reference:

Quirk and Wrenn, *An Old English grammar*, 2nd edition (Methuen).  
 Brunner, K., *An outline of Middle English grammar*, trans. G. K. W. Johnston (Blackwell).

- C. Introduction to Middle English literature.
- D. Study of Old and Middle English texts.

Prescribed books:

Bolton, W. F., *An Old English anthology* (Edward Arnold).  
 Klaeber, F. (ed.), *Beowulf*, 3rd edition (Heath); or  
 Wrenn, C. L., (ed.), *Beowulf* (Harrap).  
 Leslie, R. F. (ed.), *The wanderer* (Manchester U.P.).  
 Leslie, R. F. (ed.), *Three Old English elegies* (Manchester U.P.).  
 Sisam, I. (ed.), *Fourteenth century verse and prose*, with glossary (O.U.P.).  
 Skeat, W. W. (ed.), *The lay of Havelok the Dane*, 2nd edition, revised by K. Sisam (O.U.P.).  
 Tolkien and Gordon (eds.), *Sir Gawain and the green knight*, 2nd edition, rev. Davis (O.U.P.); or  
 Gollancz (ed.), *Sir Gawain and the green knight* (O.U.P., for the Early English Text Society).

AE89. English Language and Literature for Part I of the Honours Work for the Honours Degree of B.A.

Students wishing to take Honours should consult the Head of the Department before the beginning of the second year's work. They will be required to satisfy the examiners in Part I, which will normally involve work in the second and third years and will normally be taken at the end of the third year, before proceeding to Part II, which will normally be taken at the end of the fourth year.

Part I will consist of the following topics; normally taken in the second and third years:

- (i) English Language
- (ii) Shakespeare and Elizabethan Drama
- (iii) Special Period
- (iv) Special Topic.

AE99. English Language and Literature for Part II of the Honours Degree of B.A.

The examination for Part II will consist of the following papers:

- (i) General Critical Paper, including passages for comment.  
 Any 5 papers from those listed below, subject to the approval of the Head of the Department:
- (ii) Old Norse
- (iii) Old English
- (iv) Middle English Special
- (v) Middle English General
- (vi) Special Period of English Literature (taken from the period before 1780)
- (vii) Special Period of English Literature (taken from the period after 1780)
- (viii) Special Topics
- (ix)

- (x) Special Author or Authors
- (xi) The Novel
- (xii) Drama
- (xiii) American Literature
- (xiv) Australian Literature
- (xv) Commonwealth Literature

Before presenting themselves for examination in papers numbered (ii), (iii) and (iv), students will be required to attend classes and pass the examinations in Old English and Middle English I and II. In papers (vi), (vii), (viii) and (ix) they may not take the same periods or topics as in Part I [(iii) or (iv)]. Students may submit a long essay of not more than 12,000 words on a subject approved by the Head of the Department as an alternative to paper (viii) or (ix) or (x). In the final classification, the examiners will take into account achievement in Part I as well as in Part II.

Information about special periods, topics, and authors is obtainable from the English Department. Special topics may include such subjects as: Epic and Romance; The Pastoral Tradition; English Satire; Victorian Sages; Contemporary Poetry; Modern Linguistics.

The John Howard Clark Prize is awarded on the results of the Final Honours examination in English Language and Literature. For particulars of the Prize, see Statutes, Chapter XIV.

#### English Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in English Language and Literature are advised to take the earliest opportunity of consulting the Head of the Department about their courses.

Candidates who wish to qualify for the degree of M.A. under regulation 2(b) are required in their qualifying examination to follow either *Scheme I* or *Scheme II*: each course covers two years' part-time work or one year's full-time work, and must be completed within that period unless an extension is granted by the Academic Registrar.

In addition, candidates who have not already passed in a course for the Ordinary degree in a language other than English are normally required to do so.

Details of the Final Honours papers are shown in syllabus No. AE99 above.

*Scheme I*: English Language and Literature.

1. Two papers, to be selected from Final Honours papers (ii)-(xii). These two papers must be taken at the end of the first year's study by part-time students.
2. (a) Final Honours paper (i).  
(b) Two papers not taken in the previous year, to be selected from Final Honours papers. These three papers must be taken at the end of the second year's study by part-time students.

*Scheme II*: American, Australian and Commonwealth Literature.

1. Two papers, to be selected, on advice from the Head of the Department, from the Final Honours papers.  
These papers must be taken at the end of the first year's study by part-time students.
2. (a) Final Honours paper (i).  
(b) A course of historical study appropriate to the candidate's area of interest.  
(c) Special subject in Australian, Commonwealth or American Literature.

Candidates who have a satisfactory Honours degree or who have qualified under *Scheme I* or *Scheme II* are required to write a thesis, for the subject of which they should consult the Head of the Department as early as possible,



## FRENCH LANGUAGE AND LITERATURE

There are three courses in French for the ordinary degree of Bachelor of Arts; they are designated French I, French II and French III. Except with special permission, to be obtained in writing from the Academic Registrar, students wishing to enrol in French I are required to give evidence that they have studied French at the Matriculation, or an equivalent standard. They would, however, be unwise to attempt the course without at least a "D" grade at the Matriculation Examination, or an equivalent qualification.

In French II and French III the lectures on the literature may be given in French, and in the examinations candidates are required to answer in French all questions on literature. Students enrolled in French I for the first time will not be exempted from attendance at lectures and tutorials.

All exercises set during the year form an integral part of the courses, and students will be allowed to sit for the annual examinations only if their performance of the exercises has been satisfactory.

## AF01. French I.

The course comprises:

1. Tuition in the speaking and writing of French by means of the Language Laboratory (1.2 hours a week), lectures on grammar and phonetics (1 hour a week) and tutorials (1 hour a week);
2. Reading and translation of prescribed French texts: 1 hour a week;
3. Lectures on French literature and civilisation: 1 hour a week.

1. The student should possess:

Politzer, R. L., and Hagiwara, M. P., *Active review of French* (Blaisdell).  
Mansion, *A grammar of present-day French, with exercises* (Harrap).

He should consult in the library:

Armstrong, L. E., *The phonetics of French* (Bell).  
*Harrap's standard French and English dictionary*, 2 vols.  
Petit, *Dictionnaire français-anglais* and *Dictionnaire anglais-français* (Hachette)  
*Le Petit Larousse* or *Le Nouveau Larousse universel*, 2 vols.  
*Le Petit Robert*.

2. The student should possess:

Maupassant, *Selected short stories*, ed. J. H. Matthews (University of London Press).

Giraudoux, *Intermezzo* (Livre de poche).

Mansell-Jones, P., and Richardson, G., *A book of French verse* (O.U.P.).

N.B. The translation of prescribed texts and unseens will be tested at the end of each term in a one-hour paper, the marks for which will count at the end of the year in the total mark for the course.

3. (a) Literature—

The student should possess:

Mansell-Jones, P., and Richardson G., *A book of French verse* (O.U.P.).

Balzac, *Le Père Goriot* (Classiques Garnier).

Stendhal, *Le Rouge et le noir* (Classiques Garnier).

He should consult in the library:

Lagarde, et Michard, *Littérature française*, 6 vols. (Harrap).

Barrère, J., *Hugo* (Connaissance des lettres; Hatier).

Ruff, M. A., *Baudelaire* (Connaissance des lettres; Hatier).

Fairlie, A., *Baudelaire: Les Fleurs du mal* (Arnold).

Bertault, P., *Balzac* (Connaissance des lettres; Hatier).

Bardèche, M., *Balzac romancier* (Plon).  
 Caraccio, A., *Stendhal* (Connaissance des lettres; Hatier)  
 Bardèche, M., *Stendhal romancier* (La Table ronde).

## (b) Civilisation—

The student should possess:

Michaud, G., *Guide France* (Hachette).  
 Robinson, J., and Martin A., *France today* (Novak).  
 Carlut, C., and Brée, G., *France de nos jours* (Macmillan).

He should read:

Wright, G., *France in modern times* (Murray).

He should consult in the library:

Labaste, A., *France et pays d'expression française* (Harrap).  
 Dupeux, G., *La Société française, 1789-1960* (Colin).  
 Duverger, M., *Les Institutions françaises* (P.U.F.).  
 Williams, P. M., *Crisis and compromise* (Longmans).  
 Goguel, F., et Grosser, *La Politique en France* (Colin).  
 Rousseau, P., *La Science au XXe siècle* (Hachette).  
*La Peinture française*, 3 vols. (Skira).  
 Argan, G. C., *L'Europe des capitales, 1600-1700* (Skira).  
 Starobinski, J., *L'Invention de la liberté, 1700-1789* (Skira).  
 Keyser, E., *L'Occident romantique, 1789-1850* (Skira).  
 Ponente, N., *Les Structures du monde moderne, 1850-1900* (Skira).

The Hope Crampton Prize, of the value of \$10, is awarded to the matriculated student or graduate placed first in the list of candidates who have passed with distinction in the annual examination in French I.

The M. Rees George Prize, of the value of \$12, is awarded to the matriculated or graduate woman student who wins the highest place in the annual examination in French I, provided that the candidate is of sufficient merit.

The rules governing these prizes are published in the appropriate section of the Calendar.

## AF02. French II.

Pre-requisite subject: French I at Division I standard or higher.

## (a) Free composition in French and translation from English into French.

Prescribed books:

Roe, F. C., and Lough, J., *French prose composition* (Longmans).  
 Mansion, J. E., *A grammar of present-day French, with exercises* (Harrap).

Reference books: As for French I, together with:

Robert, P., *Dictionnaire alphabétique et analogique de la langue française*, 6 vols.  
 Bailly, R., *Dictionnaire des synonymes* (Larousse); or  
 Bénac, H., *Dictionnaire des synonymes* (Hachette).  
 Maquet, C., *Dictionnaire analogique* (Larousse).  
 Lacroix, U., *Dictionnaire des mots et des idées* (Nathan).  
*Le Grand Larousse encyclopédique*, 10 vols.  
 Grevisse, M., *Le Bon usage* (Geuthner).  
 Hanse, J., *Dictionnaire des difficultés grammaticales et lexicologiques* (Baude).

## (b) Translation of unseen and prescribed French texts into English. (This will be tested at the end of each term in a one-hour paper, the marks for which will count at the end of the year in the total mark for the course.)

**Prescribed books:**

- Corneille, *Cinna*, ed. D. A. Watts (U. of London P.).  
 Saint-Simon, *Mémoires* (extraits), éd. Baudin (Bordas).  
 Diderot, *Jacques le fataliste*, ed. Loy (Dell, "Laurel Language Library").

**(c) Orals.****Reference book:**

- Fouché, P., *Traité de prononciation française* (Klincksieck).

**(d) Literature: From 1600 to 1800.****Questions for special study:**

- Term I: *La comédie de Molière*.  
 Term II: *Les moralistes du XVIIe siècle*.  
 Term III: *Diderot romancier*.

Two essay subjects will be set each term on the question studied. The marks obtained by the student in the six essays for the year will be incorporated with his total mark for the annual examination.

**Prescribed books:**

- Lagarde, A., et Michard, L., *XVIIe Siècle and XVIIIe Siècle* (Harrap).

**Reference books:**

- Jasinski, R., *Histoire de la littérature française*, 2 vols. (Boivin).  
 Adam, A., *Histoire de la littérature française au XVIIe siècle*, 5 vols., (Domat-Del Duca).  
 Green, F. C., *The ancien régime* (Edinburgh U.P.).  
 Lough, J., *Introduction to seventeenth-century France* (Longmans).  
 Lough, J., *Introduction to eighteenth-century France* (Longmans).  
 Bénichou, P., *Morales du grand siècle* (Gallimard).  
 Hazard, P., *La Crise de la conscience européenne (1680-1715)* (Fayard).  
 Bénac, H., *Vocabulaire de la dissertation* (Hachette).  
 Cayrou, G., *Le Français classique* (Didier); or  
 Dubois, J., et Lagane, R., *Dictionnaire de la langue française classique* (Paris, Belin).  
 Haase, A., *Syntaxe française du XVIIe siècle* (Delagrave).  
 Grente, G., *Dictionnaire des lettres françaises (XVIe et XVIIe siècles)*, 2 vols. (Fayard).

**(e) Explication de textes.****Prescribed books:**

- (i) Molière, *Don Juan*, ed. Marel (Bordas).  
 (ii) La Rochefoucauld, *Maximes* (Bordas), together with the extracts from Descartes, Pascal, Bossuet and La Bruyère contained in Lagarde et Michard, *XVIIe Siècle*.  
 (iii) Diderot, *La Religieuse* ed. R. Mauzi (A. Colin, "Bibliothèque de Cluny"); *Le Neveu de Rameau*, ed. J. Fabre (Droz); *Jacques le fataliste* (Dell).

**Reference books:**

- Crouzet, P., and Desjardins, J., *Méthode française et exercices illustrés*, vol. 3 (Didier).  
 Rudler, G., *L'Explication française* (Colin).  
 Germain, F., *L'Art de commenter (une tragédie, une épopée, etc.)*, 7 vols. (Foucher).  
 Grammont, M., *Petit traité de versification française* (Colin).

The Edith A. Puddy Prize, of the value of \$12, is awarded to the matriculated student or graduate placed first in the list of candidates who have passed with distinction in the annual examination in French II. The rules governing the prize are published in the appropriate section of the calendar.

## AF03. French III.

Pre-requisite subject: French II.

## (a) Free composition in French and translation from English into French.

Prescribed books:

- Roe, F. C., and Lough, J., *French prose composition* (Longmans).  
Mansion, J. E., *A grammar of present-day French, with exercises* (Harrap).

Reference books: As for French I and II.

## (b) Translation of unseen and prescribed French texts into English. (This will be tested at the end of each term in a one-hour paper, the marks for which will count at the end of the year in the total mark for the course.)

Prescribed books:

- (i) Constant, *Adolphe*, ed. A. Adam (Garnier-Flammarion).  
Musset, *On ne badine pas avec l'amour; Il faut qu'une porte soit ouverte ou fermée*, ed. M. Martin (Bordas).  
Flaubert, *Trois contes*, ed. C. Duckworth (Harrap).  
Malraux, *La Condition humaine* (Livre de poche "Université").

## (c) Orals.

## (d) Literature: The nineteenth and twentieth centuries.

Questions for special study:

- Term I: *Le préromantisme*.  
Term II: *Baudelaire*.  
Term III: *L'œuvre de Sartre*.

Two essay subjects will be set each term on the question studied. The marks obtained by the student in the six essays for the year will be incorporated with his total mark for the annual examination.

Prescribed books:

- Lagarde A., et Michard, L., *XIXe Siècle and XXe Siècle* (Harrap).

Reference books:

- Turnell, M., *The novel in France* (Hamilton).  
Bertault, P., *Balzac* (Hatier).  
Caraccio, A., *Stendhal* (Hatier).  
Maynial, E., *Flaubert* (Nouvelle Revue Critique).  
Albérés, R. M., *Sartre* (Editions universitaires), 7e édition.  
Simon, P. H., *Théâtre et destin* (Armand Colin).  
Raymond, M., *De Baudelaire au Surréalisme* (José Corti).  
Girard, M., *Guide de la littérature française moderne* (Seghers), 3e édition.  
Nathan, J., *Histoire de la littérature française contemporaine* (F. Nathan).  
Simon, P. H., *Histoire la littérature française au XXe siècle* (Armand Colin).  
Boisdeffre, P., *Une Histoire vivante de la littérature d'aujourd'hui* (Perrin).

## (e) Explication de textes.

Prescribed books:

- Chateaubriand, *Mémoires d'outre-tombe* (extraits) (Bordas).  
(ii) Baudelaire, *Les Fleurs du mal* (Classiques Garnier).  
Baudelaire, *Petits poèmes en prose*, ed. M. Zimmerman (Manchester U.P.).  
(iii) Sartre, *Huis clos et Les Mouches* (Livre de poche).  
Sartre, *Le Mur* (Livre de poche).  
Sartre, *Les Séquestrés d'Altona* (Livre de poche).  
Sartre, *La Nausée* (Livre de poche "Université").

The Violet de Mole Prize, of the value of \$10.50, is awarded to the matriculated or graduate student who wins the highest place in the annual examination in French III, provided that the candidate is of sufficient merit.

The rules governing the prize are published in the appropriate section of the calendar.

#### AF77. Old and Middle French I.

- (a) Outline of the history of the French language; historical phonetics; morphology and syntax of Old and Middle French.

Recommended for preliminary reading:

Wartburg, W. von, *Evolution et structure de la langue française* (Berne, Franck).

Bruneau, C., *Petite histoire de la langue française*, 2 vols. (Paris, A. Colin).

Prescribed books:

Raynaud de Lage, G., *Introduction à l'ancien français* (Paris, S.E.D.E.S.).

Bourciez, E. and J., *Phonétique française: étude historique* (Paris, Klincksieck).

- (b) Outline of the history of French literature up to 1500.

Prescribed book:

Decahors, E., *Histoire de la littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).

- (c) Translation of prescribed texts into English with simple linguistic commentary in English.

Prescribed book:

Ferran A., et Decahors, E., *Morceaux choisis de littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).

This course will be taken by the student in his second year at the University.

#### AF78. Old and Middle French II.

- (a) Historical French grammar, i.e., phonetics, morphology, syntax.

Prescribed book:

Brunot F., et Bruneau, C., *Précis de grammaire historique de la langue française* (Paris, Masson).

- (b) Old and Middle French literature, with special reference to narrative verse and the theatre.

- (c) Translation of prescribed texts, with advanced linguistic commentary in French.

Prescribed books:

*La Chanson de Roland*, ed. Whitehead (Blackwell).

Chrestien de Troyes, *Erec et Enide*, ed. Roques (Champion).

Adam de la Halle, *Le Jeu de Robin et de Marion*, ed. Varty (Harrap).

*Maistre Pierre Pathelin*, ed. Holbrook (Paris, Champion).

La Taille, Jean de, *Saül le Furieux, La Famine ou les Gabéonites, tragédies*, ed. Forsyth (Didier).

For reference:

Grandsaignes d'Hauterive, R., *Dictionnaire d'ancien français* (Larousse).

Gougenheim, G., *Grammaire de la langue française du seizième siècle* (Lyon, I.A.C.).

Rickard, P., *La Langue française au seizième siècle* (C.U.P.).

Le Gentil, P., *La Chanson de Roland* (Paris, Hatier).

Frappier, J., *Chrestien de Troyes* (Paris, Hatier).

Frank, G., *The medieval French drama* (Oxford, Clarendon Press).

Lebègue, R., *La Tragédie française de la Renaissance* (Paris, S.E.D.E.S.).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

## AF99. French Language and Literature for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work. They will be required (i) to attend special weekly tutorials in their second and third years and perform the exercises there prescribed; (ii) to devote their fourth year entirely to advanced courses and exercises in literature and philology; (iii) to write each term an essay in French on a subject studied in tutorials. The marks obtained for the essays in both the third and the fourth years will be incorporated with the final examination results to determine the student's classification.

Under (ii), the following texts are prescribed:

Villon, *Œuvres*, ed. Longnon-Foulet (Champion).

Rabelais, *Œuvres complètes*, ed. P. Jourda, tome I (Garnier).

Montaigne, *Selected essays*, ed. Tilley-Boase (Manchester U.P.)

Honours students should make themselves familiar with the following works:

Langlois, P., and Mareuil, A., *Guide bibliographique des études littéraires* (Hachette).

Bouvier, E., and Jourda, P., *Guide de l'étudiant en littérature française* (Presses universitaires).

Dupouy, A., *Géographie des lettres françaises* (Colin).

Genest, E., *Dictionnaire des citations françaises* (Nathan); or

Guerlac, O., *Les Citations françaises* (Colin).

Marouzeau, J., *Lexique de la terminologie linguistique* (Geuthner).

Marouzeau, J., *Précis de stylistique française* (Masson).

Cressot, M., *Le Style et ses techniques* (Presses universitaires).

Mornet, D., *Histoire de la clarté française* (Payot).

Le Bidois, G., et Le Bidois, R., *Syntaxe du français moderne*, 2 vols. (Picard).

The final examination will comprise the following papers:

(a) Translation into French.

(b) Translation of seen and unseen passages from French into English.

(c) French philology.

(d) Translation of seen and unseen passages of Old and Middle French into English.

(e) Literature I.

(f) Literature II.

(g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.

There will be an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

For students who combine French with another subject for the Honours degree of B.A. the final examination will comprise either papers (a), (b), (c), (d) and (e) or papers (a) and (b) and any two of papers (e), (f) and (g); and in either case an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

In their second year they will be required to pass in Old and Middle French I.

In their third year they will be required either to pass in Old and Middle French II or to write three essays on questions concerning French literature from 1550 to the present day. These essays will be related as far as possible to the current work in the subject with which French is combined.

In their final year they shall write three more advanced essays on the literature of the past four centuries; but those who have passed in Old and Middle French II may elect instead to do the fourth year course in Old and Middle French literature and French philology and write one essay on a question taken from French literature from its beginnings up to 1600.

In all three years they shall attend the weekly Honours tutorials and perform the exercises there prescribed.

### French Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in French Language and Literature are advised to consult the Professor at the earliest opportunity. Regular seminars are conducted throughout the academic year for post-graduate students.

Those who seek to qualify for candidature under regulation 2 (b) are required, at the outset of their preparatory course, to satisfy the examiner in a translation and oral test (excluding *explication de textes*), equivalent in standard to papers (a) and (b) and the oral test of the final examination for the Honours degree of B.A. On their completion of the preparatory course they shall take papers (c), (d), and any two of (e), (f), and (g) of the final examination for the Honours degree of B.A. and be tested for *explication de textes*.

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## GEOGRAPHY

There are four subjects in this school: Geography I, Geography II, Geography III and Economic Geography. Each subject is completed in one year and is given every year.

Those students proceeding to the Ordinary degree of B.A. who intend to take all of Geography I, II and III are strongly recommended to take the course in Geology I or Biology.

Economic Geography is designed for students who intend to take only a one-year course in Geography for the Ordinary degree of either Bachelor of Arts or Bachelor of Economics. Students who have passed with at least a credit in Economic Geography may with the approval of the Professor of Geography be permitted to proceed with Geography II.

### AJ01. Geography I.

Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns and associated animal life; the nature and distribution of population; utilisation of land and other resources; relation between economic activities and cultural level of the inhabitants; geography of selected areas in Australia.

**PRACTICAL WORK:** Interpretation of topographic maps; preparation of selected graphs and diagrams. At least two field exercises will be held during the year.

**Preliminary reading:**

Briault, E. W. H., and Hubbard, J. H., *An introduction to advanced geography* (Longmans).

**Text-books:**

Trewartha, G. T., and others, *Elements of geography, physical and cultural*, 5th edition (McGraw-Hill).

Fryer, D. W., *World economic development* (McGraw-Hill).

**Reference books:**

Alexander, J. W., *Economic geography* (Prentice-Hall).

Bates, M., *Man in nature* (Prentice-Hall).

Coggins, R. S., and Hefford, R. K., *The practical geographer*, 2nd edition (Longmans).

Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson).

Jones, E., *Human geography* (Chatto and Windus, 1964).

Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen).

Newbigin, M., *Plant and animal geography* (Methuen).

Robinson, A. H., *Elements of cartography* (Wiley, 1960).

Roepke, H. G. (ed.), *Readings in economic geography* (Wiley).

Thomas, W. L., (ed.), *Man's role in changing the face of the world* (Chicago U.P.).

Wagner, P. L., and Mikesell, M. W., *Readings in cultural geography* (University of Chicago Press).

## AJ02. Geography II.

Pre-requisite subject: Geography I at Division I standard or higher.

A. PRINCIPLES OF PHYSICAL GEOGRAPHY. (Students should *retain* texts recommended for Geography I.)

B. PRINCIPLES OF HUMAN GEOGRAPHY.

C. PRACTICAL WORK: Tutorials and practical classes will be held during the year. Field camps will be held before the beginning of the first term. All students should contact the Department during the enrolment period and not later than 21st February, 1969.

Reference books:

- A. Derruau, M., *Précis de géomorphologie* (Masson, 1958).  
 Dury, G. H., *The face of the earth* (Pelican).  
 Hills, E. S. (ed.), *Arid lands* (Methuen).  
 Shelton, J. S., *Geology illustrated* (Freeman).  
 Sparks, B. W., *Geomorphology* (Longmans, 1960).  
 Twidale, C. R., *Geomorphology, with special reference to Australia* (Nelson).  
 Thornbury, W. D., *Principles of geomorphology* (Wiley, 1954).  
 Strahler, A. N., *Physical geography* (Wiley).  
 Trewartha, G., *The earth's problem climates* (Wisconsin U.P.).  
 Elton, C. S., *The ecology of invasions by animals and plants* (Methuen).  
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).  
 Keast, A., *Biogeography and ecology in Australia* (Junk, the Hague, 1959).  
 Kellogg, C. E., *The soils that support us* (Macmillan).  
 Robinson, G. W., *Soils, their origin, constitution and classification*, 3rd edition (Murby, and Allen and Unwin, 1951).
- B. Chisholm, M., *Rural settlement and land use* (Hutchinson).  
 Hunter, A., (ed.), *The economics of Australian industry* (M.U.P. 1963).  
 Mayer, H. M., and Kohn, C. F., *Readings in urban geography* (Univ. of Chicago Press).  
 Smailes, A. E., *The geography of towns* (Hutchinson Univ. Library).  
 Dickinson, R. E., *City and region* (Routledge and Kegan Paul).  
 Mitchell, J. B., *Historical geography* (English University Press).  
 Houston, J. M. A., *A social geography of Europe* (Duckworth).  
 Beaujeu-Garnier, J., *Geography of population* (Longmans).  
 McCarty, H. H., and Lindberg, J. B., *A preface to economic geography* (Prentice-Hall).  
 Rutherford, J., and others, *New viewpoints in economic geography* (Martindale Press).  
 Symons, L., *Agricultural geography* (Bell).  
 Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson).  
 Meinig, D. W., *On the margins of the good earth* (Rand McNally).  
 Zelinsky, W., *A prologue to population geography* (Prentice-Hall).
- C. Coggins, R. S., and Hefford, R. K., *The practical geographer*, 2nd edition (Longmans).  
 Debenham, F., *Map making* (Blackie).  
 Dury, G. H., *Map interpretation* (Pitman, 1960).  
 Gregory, S., *Statistical methods and the geographer* (Longmans).  
 Higgins, A. L., *Elementary surveying* (Longmans).  
 Miller, A. A., *The skin of the earth* (Methuen, 1953).  
 Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen, 1952).  
 Robinson, A. H., *Elements of cartography* (Wiley, 1960).

Other texts and current publications will be prescribed by the lecturers.



## AJ03. Geography III.

Pre-requisite subject: Geography II.

The subject has four parts: (a) one elective to be chosen from: (i) Biogeography; (ii) Climatology; (iii) Geomorphology; (b) one elective to be chosen from: (i) Cartography; (ii) Cultural Geography; (iii) Historical Geography; (c) one elective to be chosen from: (i) North-west Europe; (ii) South and South-east Asia; (d) a Field Camp.

## 1. BIOGEOGRAPHY.

- Darlington, P. J., *Zoogeography* (Wiley).  
 Ekman, S., *Zoogeography of the sea* (Sidgwick and Jackson).  
 Elton, C. S., *The ecology of invasions by animals and plants* (Methuen).  
 Good, R., *The geography of the flowering plants* (Longmans, 1953).  
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).  
 Newbigin, M., *Plant and animal geography* (Methuen).  
 Odum, G. P., *Fundamentals of ecology*, 2nd edition (Saunders).  
 Richards, P. W., *The tropical rain forest* (Cambridge).  
 Schimper, O., *Plant geography upon a physiological basis* (Oxford, 1903).  
 Thomas, W. L. (ed.), *Man's role in changing the face of the earth* (Chicago U.P.).  
 U.N.E.S.C.O., *Arid zone research symposium*, 1955 (Paris).  
 Warming, E., *Oecology of plants* (Oxford, 1909).

## 2. CLIMATOLOGY.

- Haurwitz, B., and Austin, J. M., *Climatology* (McGraw-Hill).  
 Pettersen, S., *Introduction to meteorology* (McGraw-Hill).

## 3. GEOMORPHOLOGY.

- Cotton, C. A., *Climatic accidents* (Whitcombe).  
 Derruau, M., *Précis de géomorphologie* (Masson).  
 Jennings, J. N., and Mabbutt, J. A. (eds.), *Landform studies from Australia and New Guinea* (A.N.U. Press).  
 King, C. A. M., *Techniques in geomorphology* (Arnold).  
 King, L. C., *Morphology of the earth* (Oliver and Boyd).  
 Leopold, L. B., and others, *Fluvial processes in geomorphology* (Freeman).  
 Thornbury, W. D., *Principles of geomorphology* (Wiley).  
 Tricart, J., *Principes et méthodes de la géomorphologie* (Masson).  
 Tricart, J., and Cailleux, A., *Cours de géomorphologie*, various vols.  
 Twidale, C. R., *Geomorphology, with special reference to Australia* (Nelson).

## 4. CULTURAL GEOGRAPHY.

- Berndt, R. M., *The world of the first Australians* (Ure Smith).  
 Brace, C. L., *The stages of human evolution* (Prentice-Hall).  
 Hogbin, H. I. (ed.), *Readings in Australian and Pacific anthropology* (M.U.P.).  
 Monash University. Centre of research into aboriginal affairs. *Aborigines in the economy*, by I. G. Sharphand, and others (Jacaranda).  
 Moore, W. E., and Cook, R. M., *Social change* (Prentice-Hall).

## 5. HISTORICAL GEOGRAPHY.

- Harris, A. M., *The rural landscape of the East Riding of Yorkshire* (Hull U.P.).  
 Meinig, D. W., *On the margins of the good earth* (Rand McNally).  
 Mitchell, J. B., *Historical geography* (English Universities Press, 1954).  
 Perry, T. M., *Australia's first frontier* (M.U.P.).  
 Roberts, S. H., *The history of Australian land settlement* (M.U.P.).

## 6. NORTH-WEST EUROPE.

## Text-book:

Hoffman, G. W., (ed.), *A geography of Europe* (Methuen).

## Reference books:

Childe, V. G., *Dawn of European civilisation* (Penguin).

Darling, F., *West highland survey* (Oxford).

Dury, G., *The British Isles* (Heinemann).

Elkins, T. H., *Germany* (Christophers).

Flint, R. F., *Glacial geology and the Pleistocene Period* (Wiley).

Gottmann, J., *A geography of Europe*, 3rd ed. (Holt).

Monkhouse, F. J., *A regional geography of Western Europe* (Longmans).

Somme, A., (ed.), *The geography of Norden* (Heinemann).

## 7. SOUTH AND SOUTH-EAST ASIA.

## Reference books:

Chatterjee, C. A., *The new India* (India Planning Commission).

Dube, S. C., *India's changing villages* (Routledge and Kegan Paul, Cornell Univ. Press).

Fisher, C. A., *South-east Asia* (Methuen).

Ginsberg, N. S. (ed.), *The pattern of Asia* (Prentice-Hall).

Lewis, J. P., *Quiet crisis in India* (Anchor).

Regional Conference of South-east Asian Geographers, *Studies in the geography of south-east Asia*.

Segal, R., *The crisis of India* (Penguin).

Spate, O. H. K., and Learmonth, A. M., *India and Pakistan* (Methuen).

Turner, R. (ed.), *India's urban future*.

## AJ71. Economic Geography.

A course of two lectures and one tutorial a week throughout the academic year dealing with the field and function of Economic Geography.

Students may be required to spend approximately one day during the second term or second vacation in practical field studies.

## NATURAL ENVIRONMENT—a brief outline.

Elements of the natural landscape, their world distribution and influence upon economic activities.

## ECONOMIC ACTIVITIES—a detailed study.

Nature of wants and resources; selected examples of primitive economies, extractive industries, subsistence agriculture, tropical plantation agriculture, and commercial agriculture; the mineral-fuel base of manufacturing industry; energy industries; transportation; other factors influencing the location of industry; heavy industry (iron and steel) and consumer good industries (textiles, motor vehicles). Trade problems, with emphasis on commodity stabilisation; the growing pressure of population on world resources.

## Text-books:

Fryer, D. W., *World economic development* (McGraw-Hill).

Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson, 1961).

Zelinsky, W., *A prologue to population geography* (Prentice-Hall).

## Reference books:

Trewartha, G. T., and others, *Elements of geography, physical and cultural*, 5th edition (McGraw-Hill, 1957).

Meier, R. L., *Science and economic development* (Wiley, 1956).

*Oxford atlas of the world* (O.U.P.).

Zimmermann, E. W., *An introduction to world resources*, ed. H. L. Harker (Harper and Row).

Further selected references will be prescribed by the lecturer.

## AJ99. Geography for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work. They will be required to undertake

- (a) such Honours work as may be required in connection with the courses in Geography II and III;
- (b) a fourth year of Honours work including tutorial discussions, written examinations and a field study on a selected geographical problem.

## Additional Subject.

The Geography Department also provides Syllabus AJ83, Geography IIC (for the Faculty of Science).

## GERMAN LANGUAGE AND LITERATURE

German I, German IA, German II, German IIA and German III are subjects for the ordinary degree of Bachelor of Arts.

Except with special permission, to be obtained in writing from the Academic Registrar, no student proceeding to a degree may take the course in German I unless he has studied German to Matriculation level. Candidates are advised, moreover, that the recommended minimum standard is the "D" classification at the Matriculation Examination.

German IIB and German IIIB are for honours candidates only. See Syllabus AG99 German for the Honours Degree of B.A.

Students are required to attend tutorial classes.

## AG01. German I.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt) or *Langenscheidt's concise German dictionary*, 2 vols. (Hodder and Stoughton).

Nicholson, J. A., *Parallel passages for German translation and composition* (Harrap).

Recommended texts:

Eggeling, H. F., *A dictionary of modern German prose usage* (O.U.P.).

Russon, A., and Russon, L. J., *Advanced German course* (Longmans).

Stopp, F. J., *A manual of modern German* (University Tutorial Press).

- (b) Introduction to German cultural history.

Prescribed texts:

Gottfried von Strassburg, *Tristan* (Penguin).

Reinhardt, K. F., *Germany: 2000 years*, 2 vols. (Constable).

Recommended texts:

Anderson, W. E., *Das heutige Deutschland* (Harrap).

Heer, F., *The medieval world* (Mentor).

McEvedy, C., *The Penguin atlas of medieval history* (Penguin).

Schulz, K., *Aus deutscher Vergangenheit* (Hueber).

Leonhardt, R. W., *This Germany* (Pelican).

## (c) Introduction to modern German literature.

## Prescribed texts:

- Hauptmann, *Bahnwärter Thiel* (Blackwell).  
 Mann, *Mario und der Zauberer* (Fischer-Schulausgabe).  
 Kafka, *Die Verwandlung* (Methuen).  
 Brecht, *Leben des Galilei* (Heinemann).  
 Andersch, *Sansibar oder Der letzte Grund* (Harrap).  
 Dürrenmatt, *Der Besuch der alten Dame* (Methuen).  
 Ritchie, J. M. (ed.), *Periods in German literature* (Oswald Wolff).

## Recommended texts:

- Mann, *Tonio Kröger* (Blackwell).  
 Frisch, *Biedermann und die Brandstifter* (Suhrkamp).  
 Dürrenmatt, *Die Panne* (O.U.P.).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German I in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. *Candidates will also be required to work through a specified number of programmes in the language laboratory.* Attention is drawn to the German Club and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The Weimar-Ohlstrom Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German I. Rules governing the prize are in the appropriate section of this calendar.

## AG02. German II.

Pre-requisite subject: German I at Division I standard or higher.

- (a) Translation, prose composition and essay writing.

## Prescribed texts:

See German I, (a) but *delete* Nicholson, J. A., *Parallel passages*.

- (b) Studies in German literature, 1810-1910.

## Prescribed texts:

- Kleist, *Erzählungen* (dtv).  
 Hoffmann, *Der goldene Topf* (Blackwell).  
 Arnim, *Der tolle Invalide auf dem Fort Ratonneau* (Reclam).  
 Grillparzer, *König Ottokars Glück und Ende* (Blackwell).  
 Heine, *Reisebilder* (Goldmann 410).  
 Stifter, *Abdias* (Manchester University Press).  
 Büchner, *Dantons Tod* (Manchester University Press).  
 Hebbel, *Maria Magdalene* (Blackwell).  
 Storm, *Hans und Heinz Kirch* (Hamburger Lesehefte 98).  
 Keller, *Two stories* (O.U.P.).  
 Meyer, *Der Heilige* (Blackwell).  
 Hauptmann, *Vor Sonnenaufgang* (O.U.P.).  
 Musil, *Die Verwirrungen des Zöglings Törless* (Rowohlt).  
 Gearey, J., and Schumann, W., (eds.), *Einführung in die deutsche Literatur* (Holt).

## Recommended texts:

- Hederer, E., (ed.), *Das deutsche Gedicht* (Fischer Bücherei 155).  
 Killy, W., (ed.), *Zeichen der Zeit*, vols. 2-3 (Fischer Bücherei 347, 276).  
 Ritchie, J. M. (ed.), *Periods in German literature* (Oswald Wolff).

- (c) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German II in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. *Candidates will also be required to work through a specified number of programmes in the language laboratory.* Attention is drawn to the German Club and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The Weimar-Ohlstrom Prize is awarded annually to the matriculated student or graduate who gains the highest place in the examination in German II. Rules governing the prize are in the appropriate section of this calendar.

### AG03. German III.

- (a) Translation, prose composition and essay writing.  
 (b) Studies in German prose.

Prescribed texts:

- Wieland, *Der Prozess um des Esels Schatten* (O.U.P.).  
 Richter, J. P. F., *Des Feldpredigers Schmelzle Reise nach Flätz* (O.U.P.).  
 Raabe, *Unruhige Gäste* (O.U.P.).  
 Döblin, *Berline Alexanderplatz* (dtv 295).  
 Broch, *Short Stories* (O.U.P.).  
 Zuckmayer, *Die Fastnachtsbeichte* (Blackwell).  
 Grass, *Katz und Maus* (Rororo 572).  
 Johnson, *Mutmassungen über Jakob* (Fischer Bücherei 457).  
 Killy, W., (ed.), *Zeichen der Zeit*, vol. 4 (Fischer Bücherei 243).

- (c) Studies in German Literature, 1760-1805.

Prescribed texts:

- Lessing, *Emilia Galotti* (Blackwell or Harrap).  
     *Nathan der Weise* (Heath).  
 Goethe, *Götz von Berlichingen* (Macmillan or Reclam).  
     *Die Leiden des jungen Werther* (Blackwell).  
     *Egmont* (Harrap).  
     *Iphigenie auf Tauris* (O.U.P. or Nelson).  
     *Hermann und Dorothea* (dtv-Gesamtausgabe, vol. 6).  
     *Faust*, (Wegner).  
 Schiller, *Die Räuber* (Rowohlt).  
     *Don Carlos* (O.U.P. or Harrap).  
     *Maria Stuart* (Macmillan).  
 Hölderlin, *Gedichte, Hyperion* (Goldmann 429).  
 Gerlach, H. E., and Herrmann, O., (eds.), *Goethe erzählt sein Leben*  
 (Fischer Bücherei 136).  
 Killy, W. (ed.), *Zeichen der Zeit*, vols. 1-2 (Fischer Bücherei 441,  
 347).

Recommended texts:

- Von Hofe, H. H., *Faust: Leben, Legende und Literatur* (Holt, Rinehart and Winston).  
 Gray, R. D., *Goethe: a critical introduction* (C.U.P.).  
 Mason, G. R., *From Gottsched to Hebbel* (Harrap).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German III in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Attention is also drawn to the German Club and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

The A. J. Schulz Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German III. Rules governing the prize are in the appropriate section of this calendar.

## AG11. German IA.

No previous knowledge of German is required.

- (a) Language: grammar, general translation and composition.

Prescribed texts:

Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt) or *Langenscheidt's concise German dictionary*, 2 vols. (Hodder and Stoughton).

Ellert, F. C., and Heller, P., *German One* (Heath).

Recommended texts:

Eggeling, H. F., *A dictionary of modern German prose usage* (O.U.P.).

Russon, L. J., *Complete German course* (Longmans).

Stopp, F. J., *A manual of modern German* (University Tutorial Press).

- (b) Language: reading and special translation.

Prescribed texts:

Von Hofe, H. H., *Im Wandel der Jahre*, 3rd edition (Holt, Rinehart and Winston).

Ryder, F., and McCormick, E., *Lebendige Literatur*, Pt. 1 (Houghton Mifflin).

- (c) Introduction to modern German literature.

Prescribed texts:

Mann, T., *Tonio Kröger* (Blackwell).

Kafka, *Die Verwandlung* (Methuen).

Brecht, *Der gute Mensch von Sezuan* (Methuen).

Dürrenmatt, *Der Besuch der alten Dame* (Methuen).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German IA in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. *Candidates are advised that they must devote a total of at least two hours weekly to independent work in the language laboratory.* Attention is also drawn to the German Club and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

## AG12. German IIA.

Pre-requisite subject: German IA at Division I standard or higher.

- (a) Language.

Prescribed texts:

See German IA (a).

- (b) German civilisation.

Prescribed text:

Reinhardt, K. F., *Germany: 2000 years*, 2 vols. (Constable).

- (c) German literature, 1810-1890.

Prescribed texts:

Arnim, *Der tolle Invalide auf dem Fort Ratonneau* (Reclam).

Hoffmann, *Der goldene Topf* (Blackwell).

Grillparzer, *König Ottokars Glück und Ende* (Blackwell).

Heine, *Reisebilder* (Goldmann 410).

Stifter, *Abdias* (Manchester University Press).

Büchner, *Dantons Tod* (Manchester University Press).

Hebbel, *Maria Magdalene* (Blackwell).

Storm, *Hans und Heinz Kirch* (Hamburger Lesehefte 98).

Keller, *Two stories* (O.U.P.).

Meyer, *Der Heilige* (Blackwell).

Gearey, J., and Schumann, W., (eds.), *Einführung in die deutsche Literatur* (Holt, Rinehart and Winston).

Recommended text:

Ritchie, J. M. (ed.), *Periods in German literature* (Oswald Wolff).

- (d) At the end of the year, candidates must pass an oral test. This is an integral part of the annual examination in German IIA in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Candidates will also be required to work through a specified number of programmes in the language laboratory. Attention is also drawn to the German Club and the Goethe Society. Both bodies conduct their meetings in German. Details are posted in the Department.

### AG87. German IIB.

#### ADVANCED GERMAN LANGUAGE AND LITERATURE I.

- (a) History of the German language.

Prescribed texts:

Potter, S., *Language in the modern world* (Pelican).

Sperber, H., *Geschichte der deutschen Sprache* (Götschen, vol. 915).

Moser, H., *Deutsche Sprachgeschichte* (Schwab).

Recommended texts:

Bach, A., *Geschichte der deutschen Sprache* (Quelle and Meyer).

Lockwood, W. B., *Historical German syntax* (O.U.P.).

Pribsch, R., and Collinson, W. E., *The German language* (Faber).

Bloomfield, L., *Language* (Allen and Unwin).

- (b) The German novel from Goethe to Thomas Mann.

Prescribed texts:

Goethe, *Wilhelm Meisters Lehrjahre* (dtv-Gesamtausgabe, vols. 15, 16).

Novalis, *Heinrich von Ofterdingen* (Goldmann 507).

Keller, *Der grüne Heinrich* (Fischer, Exempla Classica 39).

Stifter, *Der Nachsommer* (Goldman 1378/9/80).

Fontane, *Irrungen, Wirrungen* (St. Martin's Modern Language Texts).

Mann, T., *Der Zauberberg* (any edition).

### AG88. German IIB.

#### ADVANCED GERMAN LANGUAGE AND LITERATURE II.

- (a) Introduction to Middle High German.

Prescribed texts:

Asher, J. A., *A short descriptive grammar of Middle High German* (O.U.P.).

Hartman von Aue, *Der arme Heinrich* (Niemeyer).

Boor, H. de (ed.), *Das Nibelungenlied* (Brockhaus).

Wildonie, H. von, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).

Recommended texts:

Boor, H. de, and Wisniewski, R., *Mittelhochdeutsche Grammatik* (Sammlung Götschen).

Wright, J., *Middle High German primer* (Clarendon Press).

Coulton, G. G., *The medieval scene* (C.U.P.).

Davis, H. W. C., *Medieval Europe* (O.U.P.).

Heer, F., *The medieval world* (Mentor).

Southern, R. W., *The making of the Middle Ages* (Yale U.P.).

Reinhardt, K. F., *Germany: 2000 years*, vol. I (Constable).

## (b) The poetry of Gryphius, Goethe and Hölderlin.

## Prescribed texts:

- Gryphius, *Auswahl*, ed. A. Elschenbroich (Reclam 8799/80).  
 Goethe, *Gedichte* (dtv-Gesamtausgabe, vols. 1-5).  
*Chronik von Goethes Leben* (dtv-Gesamtausgabe, vol. 45).  
 Hölderlin, *Gedichte, Hyperion* (Goldmann 429).

## Recommended texts:

- Goethe, *Poems of Goethe*, ed. R. D. Gray (C.U.P.).  
 Gray, R. D., *Goethe: a critical introduction* (C.U.P.).

## (c) Studies in modern prose.

## Prescribed texts:

- Borchert, *Das Gesamtwerk* (Rowohlt).  
 Frisch, *Homo Faber* (Bibl. Suhrkamp 87).  
 Grass, *Die Blechtrommel* (Fischer Bücherei 47314).  
 Walser, M., *Halbzeit* (Knaur-Tb. 34).  
 Weiss, *Der Schatten des Körpers des Kutschers* (ed. Suhrkamp 53).  
 Doderer, *Die Merowinger* (dtv 281).  
 Böll, *Ansichten eines Clowns* (dtv 400).  
 Hildesheimer, *Tynset* (Fischer Bücherei 844).  
 Handke, *Der Hausierer* (Suhrkamp).

## AG99. German for the Honours degree of B.A.

Before entering the final honours year candidates for the honours degree in German must (i) pass German I or IA, II or IIA, IIB, III, and IIIB at appropriately high standard; (ii) pass in three other subjects as indicated in Schedules—Degree of B.A., Schedule III: The Honours Degree.

During the Final year students will write a dissertation on some aspect of German literature or language. Choice of subject must be made not later than the beginning of the first term after consultation with the Professor of German. Students must also attend the following courses:

- (a) History of the German language.  
 See AG87 (a).  
 (b) Advanced translation, prose composition and essay writing.  
 (c) Studies in modern prose.  
 See AG88 (c).

Students may obtain the permission of the Faculty of Arts to combine German with another subject for the Honours Degree. They should consult the Professor of German as soon as possible so that a suitably modified course can be arranged.

The A. J. Schulz Prize and the A. J. Schulz Award are awarded annually following the final examination for the Honours Degree of B.A. Rules governing these prizes are in the appropriate section of this calendar.

## German Language and Literature for the degree of M.A.

Candidates for the degree of Master of Arts should consult the Professor of German.

## AG74. Science German.

This subject is open to members of staff, research students and those honours students required by their Departments to take the course in Science German. It consists of two lectures weekly throughout the year. Its aim is to ensure fluency in reading German and in translation from German into English. No previous knowledge of the language is required.

## Text-books:

- Rosenberg-Rodgers, A., and Horwood, E. K., *German for science students*, 2nd edition (Cheshire).  
 de Vries, Louis, *German-English science dictionary* (McGraw-Hill).



## HISTORY

There are seven courses. A student proceeding to a degree must pass at Division I standard or higher in: History I (A or B) or Politics I before he may take History IIA; History I (A or B) or Politics I or Economics I or Social Economics before he may take History IIB; History I (A or B) or Politics I or Australian Literature before he may take Australian History; and History II (A or B) or Australian History before he may take History III (A or B).

History IA and IB are alternative courses available to all students.

Although students may proceed from Australian History to History III (A or B), Australian History is not part of a History sequence for the degree of B.A.; it is intended to be taken as a second-year subject additional to the student's two major sequences, whether or not one of those sequences be in History.

## AH01. History IA.

EUROPE, 1500-1780.

A survey of the development of Europe from the sixteenth to the eighteenth centuries, in which some attention will be paid to the world outside Europe in so far as it was influenced by European expansion and reacted in turn on European development.

No pre-requisite subject.

A first-year course; not available to exempted students.

A pass at Division I standard qualifies a student for all second-year History courses.

A revised reading list is being prepared; students should obtain a copy from the office of the Department of History in February.

## AH02. History IIA.

EUROPE FROM THE FRENCH REVOLUTION TO THE PRESENT DAY.

Pre-requisite: History I (A or B) or Politics I; available to exempted students.

The subject has two parts: general history, and a special subject to be chosen from alternative topics which will be announced from time to time.

A reading list will be available from the office of the Department of History in February.

## AH03. History IIIA.

Pre-requisite: History II (A or B) or Australian History; not available to exempted students.

A choice of courses will be offered, selected from the following: MODERN ASIA; SOUTH ASIAN HISTORY; ECONOMIC HISTORY.

## MODERN ASIA.

A general study of the modern history of India, Pakistan, China, Japan, and South-east Asia, together with a special subject.

Recommended reading:

Beasley, W. G., *The modern history of Japan*.

Brecher, M., *Nehru, A political biography*.

Brown, W. N., *The United States and India and Pakistan*.

Cady, J. F., *South-east Asia: its historical development* (McGraw-Hill).

de Bary, W. T. (ed.), *Sources of Indian tradition, Sources of Chinese tradition, Sources of Japanese tradition*.

Emerson, R., *From empire to nation*.

- Fisher, C. A., *South-east Asia: a social, economic and political geography* (Methuen).
- Fitzgerald, C. P., *The birth of communist China* (Pelican).
- Fitzgerald, C. P., *The Chinese view of their place in the world*.
- Hall, D. G. E., *A history of South-East Asia*.
- Hall, J. W., and Beardsley, R. K., *Twelve doors to Japan*.
- Harrison, B., *South-east Asia: a short history* (Macmillan).
- Johnson, C. A., *Peasant nationalism and communist power*.
- Kahin, G. M., *Nationalism and revolution in Indonesia* (Cornell U.P.).
- Kahin, G. M. (ed.), *Government and politics of south-east Asia* (Cornell U.P.).
- Legge, J. D., *Indonesia*.
- Nehru, J., *Discovery of India*.
- Panikkar, K. M., *Asia and western dominance*.
- Peffer, N., *The Far East*.
- Philips, C. H., (ed.), *Politics and society in India*.
- Philips, C. H., (ed.), *Select documents on the history of India and Pakistan*.
- Purcell, V., *The Boxer uprising*.
- Reischauer, E. O. (ed.), *History of east Asian civilization*, 2 vols. (Allen and Unwin).
- Spear, T. G. P., *India, Pakistan and the West*.
- Spear, T. G. P., *India, a modern history*.
- Stephens, I., *Pakistan* (Pelican).
- Teng, Ssu-yu, and Fairbank, J. K., *China's response to the West, a documentary survey*.
- Storry, R., *A history of modern Japan* (Pelican).
- Smith, V. A., *Oxford history of India*, 3rd edition (O.U.P.).

A fuller reading list may be obtained from the office of the Department of History in February.

#### SOUTH ASIAN HISTORY.

A study of the history of India and Pakistan, with an emphasis on social, economic and political change in the nineteenth and twentieth centuries.

##### Recommended reading:

- Spear, T. G. P., *A history of India*, vol. 2 (Penguin).
- Spear, T. G. P., *India, Pakistan and the West* (O.U.P.).
- Smith, V. A., *Oxford history of India*, 3rd edition (O.U.P.).
- De Bary, W. T. (ed.), *Sources of Indian tradition* (Columbia U.P.).
- Low, D. A. (ed.), *Soundings in modern south Asian history* (A.N.U. Press).
- Rudolph, L. I. and S. H., *The modernity of tradition* (Chicago U.P.).
- Seal, A., *The emergence of Indian nationalism* (C.U.P.).
- Srinivas, M. N., *Social change in modern India* (California U.P.).

A fuller reading list may be obtained from the office of the Department of History in February.

#### ECONOMIC HISTORY.

A study of the expansion of the European economy during the nineteenth and twentieth centuries.

##### Introductory reading:

- Ashworth, W., *A short history of the international economy since 1850* (Longmans).
- Brown, A. J., *Introduction to the world economy* (Allen and Unwin).
- Heimann, E., *History of economic doctrines* (O.U.P.).
- Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Robinson, Joan, *Economics: an awkward corner* (Allen and Unwin).  
*The Cambridge economic history of Europe*, vol. VI, pts. 1-2.

A fuller reading list may be obtained from the office of the Department of History in February.

### AH11. History IB.

#### SOCIAL AND ECONOMIC HISTORY OF MODERN BRITAIN.

No pre-requisite subject.

Available to exempted students.

A pass at Division I standard qualifies a student for all second-year History courses.

Those who intend to take History IIB are recommended (though not required) to take this course.

#### Preliminary reading:

Thomson, D., *England in the nineteenth century: 1815-1914* (Pelican).  
 Thomson, D., *England in the twentieth century* (Pelican).

#### Some useful books:

Deane, Phyllis, *The first industrial revolution*.  
 Harrison, J. F. C., *Society and politics in England, 1780-1960; a selection of readings and comments*.  
 Cantor, N. F., and Werthman, M., *The English tradition*, 2 vols. (Collier-Macmillan).  
 Briggs, A., *The age of improvement*.  
 Gregg, Pauline, *A social and economic history of Britain, 1760-1950*.  
 Cole, G. D. H., and Postgate, R., *The common people, 1746-1946*.  
 Rudé, George, *The crowd in history, 1730-1848* (Wiley).  
 Court, W. H. B., *A concise economic history of Britain from 1750 to recent times*.  
 Halévy, E., *A history of the English people in the nineteenth century*, vol. I, *England in 1815*.  
 De Schweinitz, K., *England's road to social security*.  
 Mowat, C. L., *Britain between the wars, 1918-1940*.  
 Richmond, A. H., *The colour problem* (Pelican).  
 Young, M., *The rise of the meritocracy, 1870-2033*.  
 Graves, R., and Hodge, A., *The long week-end*.

A fuller reading list will be distributed at the preliminary lecture.

### AH12. History IIB.

#### BRITISH ECONOMIC HISTORY.

Pre-requisite, at Division I standard or higher: History I (A or B) or Politics I or Economics I or Social Economics; available to exempted students only in special circumstances.

A study of the economic history of Britain and her interests and dependencies oversea in the seventeenth and eighteenth centuries, with attention in seminars to economic policy and thought of the period.

#### Introductory reading:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750*, chapters 6-9.  
 Court, W. H. B., *A concise economic history of Britain from 1750 to recent times*, chapters 1-7.  
 Pen, J., *Modern economics* (Penguin).  
 Wilson, C., *England's apprenticeship, 1603-1763*.

A fuller reading list may be obtained from the office of the Department of History in February.

**AH13. History IIB.**

Pre-requisite: History II (A or B) or Australian History; available to exempted students only in special circumstances.

## A HISTORY OF THE UNITED STATES OF AMERICA.

Students are particularly recommended:

*Documents and Sources, Readings:*

- Hofstadter, R., (ed.), *Great issues in American history*, 2 vols. (Vintage).  
*Sources in American history*, ed. G. H. Knowles (Collier-Macmillan).  
 Donald, D., (ed.), *A documentary history of American life*, 8 vols. (McGraw-Hill).  
 Freidel, F. B., and Pollack, N. (eds.), *Builders of American institutions* (Rand McNally).  
 Degler, C. N. (ed.), *Pivotal interpretations of American history* (Harper).  
 Grob, G. N., and Billias, G. A. (eds.), *Interpretations of American history: patterns and perspectives* (Collier-Macmillan).  
 Sheehan, D. (ed.), *The making of American history* (Holt).  
 Commager, H. S., (ed.), *Documents of American history 1492-1949* (Appleton-Century-Crofts).  
 Eisenstadt, A. S., *American history: recent interpretations* (Crowell).  
 Fine, S., and Brown, C. S., *The American past: conflicting interpretations of the great issues* (Macmillan).  
 Amherst College. Department of American Studies, *Problems in American history* various titles (Heath).

*Surveys:*

- Hofstadter, R., *The American political tradition and the men who made it* (Vintage).  
 Degler, C., *Out of our past: The forces that shaped modern America* (Harper).  
 Blum, J. M., and others, *The national experience* (Harcourt).

*Other useful paper-backs include:*

- Boorstin, Daniel, *The Americans* (Penguin).  
 Chicago history of American civilization, ed. D. Boorstin (Chicago U.P.).  
 Goldman, E. F., *Rendezvous with destiny* (Vintage).  
 Hofstadter, R., *The age of reform: from Bryan to F.D.R.* (Vintage).  
 Woodward, C. V., *The burden of Southern history* (Vintage).  
 Galbraith, J. K., *The affluent society* (Penguin).

A fuller reading list may be obtained from the office of the Department of History in February.

**AH72. Australian History.**

A general study of Australian development with special reference to the British connection and to Australian interests in the Pacific and Asia.

Pre-requisite, at Division I standard or higher: History I (A or B) or Politics I or Australian Literature; not available to exempted students.

A student may proceed from this subject to History III(A or B). But Australian History will not form part of an acceptable sequence for the degree of B.A.; i.e., it is intended to be taken as a second-year subject additional to the student's two major sequences.

*Preliminary reading:*

- Blainey, G., *The tyranny of distance*.  
 Crawford, R. M., *An Australian perspective*.  
 Clark, M., *A short history of Australia*.  
 Ward, R. B., *Australia* (Prentice Hall).

The following books are essential for reference throughout the course:

- Clark, C. M. H., *Sources of Australian history*.  
 Clark, C. M. H., *Select documents in Australian history*, 2 vols.  
 Shaw, A. G. L., *The story of Australia*.

Other useful books:

- Hartley Grattan, C., *The south west Pacific*, 2 vols.  
 Greenwood, G. (ed.), *Australia: a social and political history*.  
 Hancock, W. K., *Australia*.  
 Ward, R. B., *The Australian legend*.  
 Gollan, R., *Radical and working class politics*.  
 Miller, J. D. B., *Australian government and politics*.

A fuller reading list may be obtained from the office of the Department of History in February.

#### AH99. History for the Honours Degree of B.A.

Students intending to take Honours should consult the Head of the Department before the beginning of their second year's work; they will be required to undertake:

- (a) such Honours work as may be required in connection with the courses in History II and III;
- (b) a fourth year of Honours work including the writing of a thesis and written examinations in
  - (i) Historiography (one paper)
  - (ii) Australian history (one paper)
  - (iii) General history (one paper)
  - (iv) A special subject (two papers)
  - (v) A general essay paper.

#### History for the Degree of M.A.

Candidates for the degree of M.A. in History should consult the Head of the Department.

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## PHILOSOPHY

There are four courses in Philosophy for the ordinary degree of Bachelor of Arts.

#### AL01. Philosophy I.

The course of lectures is given every year and is completed in one year. It is a general introduction to philosophy, including logic.

Text-books:

- Frankena, W., *Ethics* (Prentice-Hall).  
 Taylor, R., *Metaphysics* (Prentice-Hall).  
 Quine, W. V. O., *Methods of logic*, 2nd ed. (Holt).

Reference books:

- Ewing, A. C., *The fundamental questions of philosophy* (Routledge).  
 Gorovitz, S., and others, *Philosophical analysis* (Random House).  
 Corman, J. W., and Lehrer, K., *Philosophical problems and arguments* (Collier-Macmillan).  
 Berofsky, B. (ed.), *Free-will and determinism* (Harper and Row).  
 Smart, Ninian, *Philosophers and religious truth*, revised edition (S.C.M. Press) (if available).

**AL02. Philosophy II.**

Pre-requisite subject: Philosophy I.

The course of lectures is given every year and is completed in one year. It is concerned with philosophy of mind, philosophy of language, moral and political philosophy, and logic, leading on from the first year course. During part of second term about eight lectures will be given on philosophy of science concurrently with lectures on philosophy of history, and students must choose one or other of these concurrent courses.

Books:

- Quine, W. V. O., *Methods of logic*, 2nd edition (Holt).  
 Flew, A. (ed.), *Body, mind and death* (Collier-Macmillan).  
 Frankena, W., *Ethics* (Prentice-Hall).  
 Feinberg, J., *Political philosophy* (Prentice-Hall).  
 Alston, W. P., *Philosophy of language* (Prentice-Hall).  
 Hempel, C. G., *Philosophy of natural science* (Prentice-Hall), or  
 Dray, William, *Philosophy of history* (Prentice-Hall).  
 Warnock, G. J., *Contemporary moral philosophy* (Macmillan).  
 Mill, J. S., *Utilitarianism, On liberty* (Fontana).

**AL03. Philosophy IIIA.**

Pre-requisite subject: Philosophy II.

The course of lectures is given every year and is completed in one year. It is concerned with logic and topics in metaphysics, including perception and causality.

Books:

- Quine, W. V. O., *From a logical point of view*, 2nd edition, revised (Harper Torch books).  
 Hirst, R. J., *Perception and the physical world* (Collier).  
 Copi, I. N., *Symbolic logic*, 2nd edition (Macmillan).  
 Ayer, A. J., *The problem of knowledge* (Pelican).

**AL13. Philosophy IIIB.**

Pre-requisite subject: Philosophy II.

The course of lectures will be given every year and will be completed in one year. Subjects of examination will be the topics discussed in the following books:

- Monro, D. H., *Empiricism and ethics* (C.U.P.).  
 Hare, R. M., *Language of morals* (O.U.P.).  
 Hare, R. M., *Freedom and reason* (O.U.P.).  
 Aristotle, *Nicomachean ethics*, trans. Sir David Ross (O.U.P.).  
 MacIntyre, A. C., *A short history of ethics* (Routledge).

**AL99. Philosophy for the Honours Degree of B.A.**

In addition to study at a deeper level of the work required for the Ordinary Degree courses, namely, Philosophy I, II, IIIA and IIIB, candidates are expected to show knowledge of the following works:

- Quine, W. V. O., *Word and object* (Technology Press, M.I.T., and Wiley).  
 Wittgenstein, L., *Philosophical investigations* (Blackwell).  
 Popper, K., *Conjectures and refutations* (Routledge and Kegan Paul).  
 Ryle, G., *The concept of mind* (Hutchinson).  
 Smart, J. J. C., *Between science and philosophy* (Random House).  
 Foot, P. (ed.), *Theories of ethics* (O.U.P.).  
 Dray, W. H. (ed.), *Philosophical analysis and history* (Harper and Row).  
 Gustafson, D. F. (ed.), *Essays in philosophical psychology* (Macmillan).

**Philosophy for the Degree of M.A.**

Candidates for the degree of M.A. in Philosophy are required to consult the Professor of Philosophy within the first month of the academic year about the subject and the course of reading for their thesis.

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**POLITICS**

Four courses are offered in this Department: Politics I, II, IIIA and IIIB.

The books recommended are not intended to be an exhaustive list; they are suggestions as to how the lectures should be supplemented.

Essays and written exercises are regarded as an integral part of the courses, and students will be allowed to sit for the annual examinations only if their written work has been satisfactory.

**AP01. Politics I.****DEMOCRATIC POLITICS.**

No pre-requisite.

A first-year subject—available to external students.

A study of the institutions, political processes, basic beliefs and assumptions characteristic of modern democracies. Attention is directed mainly to the principles and general features of the Australian and American political systems, but reference is made to other countries.

Introductory notes and a preliminary reading list will be available at the office of the Politics Department on 3 February, 1969, and should be collected by intending students as soon as possible thereafter.

Students should procure:

- \*Bottomore, T. B., *Elites and society* (Pelican).
- \*Bachrach, P., *The theory of democratic elitism* (Little, Brown).
- \*Schumpeter, J., *Capitalism, socialism and democracy* (Allen and Unwin).
- \*Strachey, J., *The challenge of democracy* (Encounter).
- \*Rorke, J. (ed.), *Aspects of Australian government* (Platypus).
- \*Miller, J. D. B., *Australian government and politics* (Duckworth).
- \*Crisp, L. F., *Australian national government* (Longmans).
- \*Blondel, J., *Voters, parties and leaders* (Pelican).
- \*Hamilton, Madison and Jay, *The federalist* (Mentor).
- Vile, M. J. C., *The structure of American federalism* (O.U.P.).
- Alford, R. R., *Party and society* (Murray).

Books marked \* are available in paperback editions.

**AP02. Politics II.****COMPARATIVE POLITICS.**

Pre-requisite subject: Politics I at Division I standard or higher.

A second-year subject—available to external students.

This course is divided into two sections:

(1) Social and Political Theory: a study of the ideas of the American Federalists, de Tocqueville, Karl Marx, John Stuart Mill and Max Weber.

(2) Comparative politics—A comparative study of political systems including an examination of the social and cultural environment within which political decisions are made, the formal institutions of government, and the chief elements in the political process. In addition to a general understanding of a wide range of political systems, students will be required to undertake detailed studies of three political systems.

*Useful Books.* More detailed lists, and reading lists for special country studies, will be available from the Politics Office in February, 1969. Those marked with \* are available in paperback.

- Macridis, R. C., and Brown, B. E., *Comparative politics, notes and readings* (Dorsey).
- Eckstein, H., and Apter, D. (eds.), *Comparative politics* (Free Press).
- \*Fried, R. C., *Comparative political institutions* (Macmillan).
- \*Runciman, W. G., *Social science and political theory* (C.U.P.).
- \*Matthews, D. R., *The social background of political decision-makers* (Random House).
- Alford, R. R., *Party and society* (Murray).
- \*Duverger, M., *Political parties* (Methuen).
- Wiseman, H. V., *Political systems. Some sociological approaches* (Routledge and Kegan Paul).
- Marx and Engels, *Selected works* (one volume edition—Foreign Languages Publishing House, Moscow).
- Mill, J. S., *On liberty, representative government* (Everyman).
- \*Hamilton, Madison and Jay, *The federalist*.
- Vile, M. J. C., *The structure of American federalism* (O.U.P.).
- \*Jacob, C. E., *Policy and bureaucracy* (Van Nostrand).
- La Palombara, J., and Weiner, M., *Political parties and political development* (Princeton).
- \*Almond, G. A., and Powell, G. B., *Comparative politics* (Little, Brown).
- \*Lipset, S. M., *Political man* (Heinemann).
- Almond, G. A., and Verba, S., *The civic culture* (Princeton).
- Verney, Douglas, *The analysis of political systems* (Routledge and Kegan Paul).
- Almond, G. A., and Coleman, J. S., *The politics of the developing areas* (Princeton University Press).
- Dahl, Robert A. (ed.), *Political oppositions in western democracies* (Yale University Press).
- La Palombara, Joseph, *Bureaucracy and political development* (Princeton University Press).
- Lipset, S. M., and Rokkan, Stein, *Party systems and voter alignments* (Free Press).

### AP03. Politics IIIA.

#### POLITICAL AND SOCIAL THEORY.

Pre-requisite subject: Politics II (A or B).

A third-year course—not available to external students.

A study of political sociology and its development out of political theory. The course will cover some of the major classical sociologists and political theorists with a significant sociological bent and some of the major themes in contemporary sociology, e.g. class, elites and bureaucracy. The relations between political theory and political sociology will also be examined.

A revised reading list is being prepared: students should obtain a copy from the office of the Politics Department in February.

Preliminary reading:

- Bottomore, T. B., *Elites and society* (Penguin).
- Runciman, W. G., *Social science and political theory* (Cambridge).



## AP13. Politics IIB.

## INTERNATIONAL POLITICS.

Pre-requisite subject: Politics II or History IIA or IIB or International Law. A third-year subject—not available to exempted students—which will be divided into two sections, the first receiving greater emphasis:

- (i) The nature of international society: a theoretical inquiry into the development and structure of the modern multi-state system. It will include a study of power, the nation-state, sovereignty, national interest, diplomacy, imperialism and war.
- (ii) An analysis of contemporary international relations with particular reference to East and South-east Asia and Australia.

Reading guide: a more comprehensive guide, broken down by topics, will be made available during the course.

Albinski, H. S., *Australian policies and attitudes toward China* (Princeton University Press).

Aron, R., *On war* (Secker and Warburg).

Aron, R., *Peace and war among nations* (Weidenfeld).

Bull, H., *International theory: a case for a classical approach*, in *World politics*, vol. 18, part 3, April, 1966.

Butterfield, H., and Wight, M. (eds.), *Diplomatic investigations* (Allen and Unwin).

Carr, E. H., *The twenty years crisis* (Macmillan).

Clark, G. J., *In fear of China* (Lansdowne).

Claude, I. L., *Power and international relations* (Random House).

Frankel, J., *International relations* (O.U.P.).

Johnson, C. A., *Peasant nationalism and communist power* (Stanford).

Kaplan, M. A., *The new great debate: traditionalism vs. science in international relations*, in *World politics*, vol. 19, part 1, October, 1966.

Kedourie, Eli, *Nationalism* (Hutchinson).

Lerche, C. O., and Said, A. A., *Concepts of international politics* (Prentice-Hall).

McClelland, C. A., *Theory and the international system* (Macmillan).

Morgenthau, H. J., *Politics among nations* (Knopf).

Morgenthau, H. J., *Scientific man versus power politics* (Latimer House).

Van Dyke, V., *International politics* (Appleton-Century-Crofts).

Waltz, K. N., *Man, the state and war* (Colombia).

## AP99. Politics for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work. They will be required to undertake

- (a) such Honours work as may be required in connection with Politics II and III.
- (b) the fourth year of Honours work including tutorial discussions, the writing of a thesis and written examinations.

## Politics for the Degree of M.A.

Candidates for the degree of M.A. in Politics are requested to consult the Professor at the earliest opportunity.

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## PSYCHOLOGY

There are four courses in Psychology for the ordinary degree of Bachelor of Arts: Psychology I, IA, II and III.

The course Psychology IA is designed for students who intend to take only one year's work in Psychology. It will not be accepted as qualifying a student to proceed to further work in Psychology. Students are recommended to take Psychology I unless they have a special reason for taking Psychology IA.

For those students who intend to take more than one course in Psychology, the three courses for the Ordinary degree of Bachelor of Arts are Psychology I, II and III.

## AY71. Psychology IA.

This course does not qualify the student to take further psychology subjects. The lecture section of the course is the same as that of Psychology I but instead of practical classes Psychology IA students attend a tutorial each week and complete two substantial essay requirements. Students are required to spend periods not exceeding a total of five hours in the year as participants in psychological experiments.

## Background reading:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

## Text-books:

Millenson, J. R., *Principles of behavioral analysis* (Macmillan).

Tyler, L. E., *Tests and measurements* (Prentice-Hall).

Carroll, J. B., *Language and thought* (Prentice-Hall).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).

Gregory, R. L., *Eye and brain* (World University Library).

Teitelbaum, P., *Physiological psychology* (Prentice-Hall).

Approximately 20 *Scientific American* off-prints will be recommended in lectures during the year.

## NOTES:

1. The books listed above will be discussed at the preliminary meeting of the class.
2. Extensions for written work to be submitted in Psychology IA will be given only in those cases where a request in writing is accompanied by a medical certificate.

## AY01. Psychology I.

This course provides a survey of the main fields of modern experimental psychology, and qualifies the student to take further psychology subjects. The topics covered are learning, perception, physiological psychology, personality, social psychology, thinking and language.

The course is made up of three lectures each week and two hours of practical laboratory work. In addition students will be required to spend periods not exceeding a total of five hours in the year as participants in psychological experiments.

## Background reading:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

## Text-books:

- Millenson, J. R., *Principles of behavioral analysis* (Macmillan).  
 Tyler, L. E., *Tests and measurements* (Prentice-Hall).  
 Carroll, J. B., *Language and thought* (Prentice-Hall).  
 Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).  
 Gregory, R. L., *Eye and brain* (World University Library).  
 Runyon, R. P., and Haber, A., *Fundamentals of behavioral statistics* (Addison-Wesley).

## For students intending to take further psychology subjects:

- Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).

## For students not intending to take further psychology subjects:

- Teitelbaum, P., *Physiological psychology* (Prentice-Hall).

Approximately 20 *Scientific American* off-prints will be recommended in lectures during the year.

## NOTES:

1. The books listed above will be discussed at the preliminary meeting of the class.
2. Extensions for written work to be submitted in Psychology I will be given only in those cases where a request in writing is accompanied by a medical certificate.

**AY02. Psychology II.**

Pre-requisite subject: Psychology I at Division I standard or higher.

The course comprises: (i) Theory: three lectures and one tutorial a week; (ii) Laboratory and Statistics: an average of three hours a week in Terms I and II (including one hour a week of statistics), and one hour a week in Term III relating to statistics. The laboratory time will be devoted to experimental work and demonstrations in general and social psychology, and the statistics will deal with sampling and statistical inference from parametric and non-parametric data.

Approximately 20 percent of the lectures relate to physiological psychology and psychophysics, 46 percent to topics in the areas of perception, learning and motivation, and 34 percent to topics within social, personality and abnormal psychology.

This course is experimentally oriented with the main emphasis placed on contemporary behaviour theory. Extensions of experimental psychology are made to personality and social fields, and laboratory research is applied to problems of animal and human behaviour.

Reference books: (Students are expected to retain Psychology I text-books.)

Note: An indication of the varying emphases placed on these books will be given at the preliminary meeting of the class.

Goldstein, H., and others (eds.), *Controversial issues in learning* (Appleton-Century-Crofts).

Gourevitch, V., *Statistical methods* (Allyn and Bacon).

Hilgard, E. R., and Marquis, D. G., *Conditioning and learning*, 2nd edition, revised by Kimble, G. A. (Appleton-Century-Crofts).

Hilgard, E. R., and Bower, G. H., *Theories of learning*, 3rd edition, (Appleton-Century-Crofts).

Hochberg, J. E., *Perception* (Prentice-Hall).

Honig, W. K., *Operant behaviour* (Appleton-Century-Crofts).

Sarason, I. G., *Personality: an objective approach* (Wiley).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).  
 Paperback.

Sidowski, J. B. (ed.), *Experimental methods and instrumentation in psychology* (McGraw-Hill).

Siegel, S., *Non-parametric statistics* (McGraw-Hill).

- Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).
- Vernon, P. E., *Personality assessment* (Methuen).
- Young, P. T., *Motivation and emotion* (Wiley).
- Gregory, R. L., *Eye and brain* (Weidenfeld and Nicolson).
- Miller, G. A., *Language and communication* (McGraw-Hill).
- Garner, W. R., *Uncertainty and structure as psychological concepts* (Wiley).
- Green, D. M., and Swets, J. A., *Signal detection theory and psychophysics* (Wiley).

### AY23. Psychology III.

Pre-requisite subject: Psychology II.

The course will include eight units, as follows: (i) Biological Bases of Behaviour; (ii) Skills; (iii) Cognition; (iv) Social Psychology; (v) Comparative Psychology; (vi) Personality and Psychopathology; (vii) Perception; (viii) Psychological Statistics and Experimental Design.

Each unit will consist of one lecture a week for two terms. Students will be required to select five units from (i) - (vii) above, but (viii) will be obligatory. There will be practical work requirements for each of units (i) - (vii). Students are strongly advised to discuss the course with the appropriate members of staff before the beginning of the academic year.

Books:

*Unit (i): Biological Bases of Behaviour.*

(a) Text-books:

- Thompson, R. F., *Foundation of physiological psychology* (Harper and Row), or  
Grossman, S. P., *A textbook of physiological psychology* (Wiley).

(b) Additional reading:

- Handbook of physiology*, Section I Neurophysiology, Vols. 1, 2 and 3 (American Physiological Society).  
Eiduson, S., et al., *Biochemistry and behaviour* (Van Nostrand).

*Unit (ii): Skills.*

Preliminary reading:

- Fitts, Paul M., and Posner, M. I., *Human performance* (Brooks-Cole).  
Welford, A. T., *Fundamentals of skill* (Methuen).  
Other texts and references will be decided later.

*Unit (iii): Cognition.*

(a) Text-books:

- Wason, P. C., and Johnson-Laird, P. N. (eds.), *Thinking and reasoning* (Penguin).

(b) Reference books:

- Bartlett, F. C., *Thinking. An experimental and social study* (Unwin University books).  
De Cecco, J. P. (ed.), *The psychology of language, thought and instruction* (Holt, Rinehart and Winston).  
Duncan, C. P. (ed.), *Thinking: current experimental studies* (Lippincott).  
Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Wiley).  
Dienes, Z. P., and Jeeves, M. A., *Thinking in structures* (Hutchinson Educational).  
Dienes, Z. P., and Jeeves, M. A., *The effects of structural relations on transfer* (Hutchinson Educational).

*Unit (iv): Social Psychology.*

- (a) Preliminary reading:  
Brown, R., *Social psychology* (Collier-Macmillan Student Editions).
- (b) Text-books:  
Proshansky, H., and Seidenberg, B., *Basic studies in social psychology* (Holt, Rinehart and Winston).  
Steiner, I. D., and Fishbein, M., *Current studies in social psychology* (Holt, Rinehart and Winston).  
Swingle, P. G., *Experiments in social psychology* (Academic Press).

*Unit (v): Comparative Psychology.*

- (a) Text-books:  
Honig, W. K. (ed.), *Operant behaviour: areas of research and application* (Appleton-Century-Crofts).  
Hinde, R. A., *Animal behaviour: a synthesis of ethology and comparative psychology* (McGraw-Hill).
- (b) Reference books:  
Sluckin, W., *Imprinting and early learning* (Methuen).  
DeVore, I. (ed.), *Primate behaviour: field studies on monkeys and apes* (Holt, Rinehart and Winston).

*Unit (vi): Personality and Psychopathology.*

Texts and references will be decided later.

*Unit (vii): Perception.*

Texts and references will be decided later.

*Unit (viii): Psychological Statistics and Experimental Design.*

- (a) Text-books:  
Runyon, R. P., and Haber, A., *Fundamentals of behavioral statistics* (Addison-Wesley).
- (b) Reference books:  
Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston).  
Edwards, A. L., *Experimental design in psychological research*, revised edition (Holt, Rinehart and Winston).

**AY99. Psychology for the Honours Degree of B.A.**

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the psychological laboratory. They will be required to undertake a fourth year of Honours work including lectures, prescribed reading, discussions and the presentation of a paper embodying the results of an empirical investigation with emphasis on organisation, design and method, together with a survey of the literature relevant to the problem chosen. Candidates will be required to satisfy the Professor that they have a reading knowledge of French or German.

**ADDITIONAL SUBJECTS.**

The Psychology Department also provides syllabuses AY73 (see under Physical Education), AY82, AY83, AY89 (see under Faculty of Science), and AY79 (see under Faculty of Medicine).

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## MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

## UA51. Music I.

No pre-requisites are necessary for admission to Music I, but a knowledge of the rudiments of music is assumed. An initial four-week course of intensive study will be prescribed for those who do not have such knowledge.

CLASSES: Four lectures a week.

SYLLABUS: An introductory survey of European music from the Middle Ages to the present day, including form, notation and instruments.

## Prescribed works:

- Victoria, *O quam gloriosum* (motet).  
 Weekes, *As Vesta was from Latmos Hill descending*.  
 Dowland, *In darkness let me dwell*.  
 Byrd, *The carman's whistle variations*.  
 Bach, *Prelude and fugue in D minor* (Book I of the "48").  
 Bach, *St. Matthew passion* (selected movements: Elgar-Atkins edition).  
 Haydn, *String quartet Op. 76 in D minor: slow movement*.  
 Mozart, *Pianoforte concerto in A major K 488: 1st movement*.  
 Mozart, *Marriage of Figaro: "Letter" scene* (Boosey and Hawkes).  
 Beethoven, *Symphony No. 3 in E flat major "Eroica," finale*.  
 Brahms, *Selections from opus 76*.  
 Wagner, *Siegfried Idyll*.  
 Vaughan Williams, *Fantasia on a theme by Thomas Tallis*.

## Recommended Preliminary Reading:

- Harder, *Basic materials in music theory* (Allyn and Bacon) (for those who have no knowledge of the rudiments of music).  
 Einstein, *A short history of music* (Cassell).  
 Westrup, *An introduction to musical history* (Hutchinson).  
 Holst, *An A.B.C. of music* (O.U.P.).

## Text-books:

- Miller, H. M., *History of music* (College Outline Series: Barnes and Noble).  
 Goldman, R. F., *Harmony in western music* (Norton).

## Reference books:

- Grout, *A history of western music* (Dent).  
 Harman and Mellers, *Man and his music* (Barrie and Rockliff).  
 Lang, *Music in western civilisation* (Dent).

EXAMINATION: Three three-hour papers.

1. History of Music;
2. Form and analysis of set works;
3. Theory of Music.

Assignments completed during the year will be taken into account in determining a candidate's result at the annual examination.

## UA52. Music II.

Pre-requisite subject: Music I at Division I standard or higher.

CLASSES: Four lectures a week.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries, including form and critical analysis.

## Prescribed Works:

- Byrd, *Mass for 5 voices* (Stainer and Bell).  
 Glück, *Orfeo* (Novello).  
 Mozart, *Symphony No. 41 in C "Jupiter" K 551* (Eulenberg).

Students should provide themselves with scores of the prescribed works at the beginning of the year.

## Text book: (for Harmonic Analysis).

- Hardy and Fish, *Music literature: a workbook for analysis*, vol. 1 (Dodd, Mead and Co.).

## Reference books:

- Arnold, *Monteverdi* (Dent).  
 Bukofzer, *Music in the baroque era* (Dent).  
 Dart, *The interpretation of music* (Hutchinson).  
 Einstein, *Glück* (Dent).  
 Einstein, *Mozart, his character, his work* (Cassell).  
 Fellowes, *William Byrd* (Oxford).  
 Morley, *A plain and easy introduction to practical music* (Dent).  
 Reese, *Music in the renaissance* (Dent).  
 Schweitzer, *J. S. Bach* (A and C. Black).  
 Spitta, *Bach* (Dover).  
 Westrup, *Purcell* (Dent).

## EXAMINATION: Three three-hour papers.

1. History of Music;
2. Form and critical analysis;
3. Harmonic analysis.

Assignments completed during the year will be taken into account in determining a candidate's result at the annual examination.

## UA53. Music III.

Pre-requisite subject: Music II.

CLASSES: Four lectures a week.

SYLLABUS: History and development of music during the 19th and 20th centuries. History of musical notation.

## Prescribed works:

- Beethoven, *Fidelio* (Boosey and Hawkes).  
 Mahler, *Symphony No. 1* (Universal).  
 Berg, *Violin Concerto* (Universal).

## Text-books:

- Abraham, *A hundred years of music* (Duckworth).  
 Dart, *The interpretation of music* (Hutchinson).  
 Einstein, *Music in the romantic era* (Dent).  
 Hardy and Fish, *Music literature: a workbook for analysis*, vol. 1 (Dodd, Mead and Co.).

## Reference books:

- Apel, *The notation of polyphonic music* (Medieval Academy of America).  
 Cooper, *French music from the death of Berlioz to the death of Fauré* (O.U.P.).  
 Hollander, *Leos Janacek, his life and work* (John Calder).  
 Hutchings, *Schubert* (Dent).  
 Kemp, *Michael Tippett* (Faber).  
 Mitchell and Keller, *Benjamin Britten* (Rockcliff).  
 Reich, *Alban Berg* (N.Y. Harcourt).  
 Redlich, *Bruckner and Mahler* (Dent).  
 Rodman, *The heart of Beethoven*.  
 Vlad, *Stravinsky* (O.U.P.).

EXAMINATION: Three three-hour papers:

1. History of Music;
2. Analysis of works, prepared and unseen;
3. History of musical notation.

Assignments completed during the year will be taken into account in determining a candidate's result at the annual examination.

#### MUSIC FOR THE HONOURS DEGREE OF BACHELOR OF ARTS

A candidate who has passed with credit, or better, in Music I and Music II for the degree of Bachelor of Arts may be granted permission by the Faculty of Arts to proceed to the Honours course in Music involving additional work in the third and fourth years.

##### UA68. Preliminary Honours Music.

In addition to Music III candidates in the third year of the course will be examined in the following:

1. Written Harmony and Counterpoint.
2. Advanced Analysis and Instrumentation.
3. Special Seminar subjects.
4. Practical Tests.

##### UA69. Final Honours Music for the Honours Degree of B.A.

In addition to study at a deeper level of the work for the Ordinary Degree courses, candidates will be required to complete a thesis and special seminar assignments including Ethnomusicology and to undertake work and pass examinations in the following:

1. Written Harmony and Counterpoint.
  2. Orchestration.
  3. Practical Tests.
  4. Comprehension of a musical treatise in Latin or French or German or Italian or Russian.
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## FACULTY OF DENTISTRY

### SYLLABUS NUMBERS.

The first letter identifies the Faculties responsible for the various subjects, as follows:

Faculty of Science	...	...	...	S
Faculty of Medicine	...	...	...	M
Faculty of Dentistry	...	...	...	D

The second letter: if it follows

S, is explained under Faculty of Science;  
or M, is explained under Faculty of Medicine;  
or D, indicates the Department of Dental Science.

The first digit

0-6: indicates that the subject forms part of a sequence.  
7-9: indicates that the subject does not form part of a sequence.

The second digit

1-5: indicates year of subject, e.g. first, second, etc.  
9: indicates subject available to Honours students only.

### THE HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY

#### DS99. Course for the Honours degree of Bachelor of Dental Surgery.

Candidates wishing to proceed to the Honours degree must consult the Head of the Department of Dental Science and should also consult the Head of the Department in which they wish to work.

### THE ORDINARY DEGREE OF BACHELOR OF DENTAL SURGERY.

#### FIRST YEAR

The Schedules prescribe that students take—SP01 Physics I; SC01 Chemistry I; SZ71 Biology; and—

A fourth subject chosen from the first-year subjects available for the degree of Bachelor of Arts or Bachelor of Science.

For Syllabuses see under Arts and Science.

## SECOND YEAR

## MA72. General Anatomy.

The course consists of systematic lectures, demonstrations, and practical work and extends over three terms. It is arranged to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

## Text-books:

- Cunningham, D. J., *Manual of practical anatomy*, Vol. 3 (O.U.P.).  
 Scott, J. H., and Dixon, A. D., *Anatomy for students of dentistry* (Livingstone).

## Books for reference and further reading:

- Abbie, A. A., *Principles of anatomy*, 3rd edition (Angus and Robertson).  
 Gray, H., *Anatomy, descriptive and applied* (Longmans).  
 Sicher, H., *Oral anatomy*, 4th edition (Mosby).

## MA82. General and Dental Histology.

This course of study extends over three terms and consists of lectures, demonstrations and practical classes on general histology and histology and development of teeth and adjacent structures.

## Text-book:

- Hewer, E. E., *Textbook of histology for medical students* (Heinemann), or  
 Ham, A. W., *Histology* (Lippincott).  
 Orban, B. J., *Oral histology and embryology*, 6th edition (Mosby).

## Reference books:

- Maximow, A. A., and Bloom, W., *A text-book of histology*, 9th edition, revised by W. Bloom and D. W. Fawcett (Saunders).  
 Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).  
 Noyes, F. B., *Oral histology and embryology*, edited and revised, Schour (Kimpton).  
 Widdowson, T. W., *Special or dental anatomy and dental histology* (Staples).

## SY82. Biochemistry.

A course of lectures for three terms and practical work for one term on general biochemistry.

Dental students attend the same lectures as second-year medical students.

## Text-books:

- Harper, H. A., *Review of physiological chemistry*, 11th edition (Lange).  
 Watson, J. D., *Molecular biology of the gene* (Benjamin).  
 West, E. A., and others, *Textbook of biochemistry*, 4th edition (Macmillan).

## SS22. Human Physiology.

The course in Human Physiology extends over the three terms of the Second year and is continued in the Third year. (See Syllabus SS23.)

## Text-books:

- Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 11th edition (O.U.P.); or  
 Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 8th edition (Williams and Wilkins); or  
 Ganong, W. F., *Review of medical physiology*, 3rd edition (Lange).

## Reference book:

- Starling, E. H., and Evans, Sir C. L., *Principles of human physiology*, 14th edition, edited by H. Dawson and M. G. Eggleton (Churchill).

**DS02. Oral Anatomy.**

A course of lectures and demonstrations will be given on the morphology of human teeth, deciduous and permanent; the functional anatomy of the human jaws and associated structures.

The teeth and associated structures will be studied in a series of laboratory exercises which include tooth drawing and carving.

## Text-books:

Wheeler, R. C., *Text-book of dental anatomy and physiology*, 4th edition (Saunders).

Wheeler, R. C., *An atlas of tooth form*, 3rd edition (Saunders).

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 5th edition (Livingstone).

## Reference books:

Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).

Jenkins, G. N., *The physiology of the mouth*, 3rd edition (Blackwell).

**DS12. Dental Materials and Technics.**

A course of lectures, tutorials and practical work is given during second year and is continued in the third year.

Physical, chemical and mechanical properties of materials used in dentistry are studied in a series of experiments and laboratory exercises. The application of this knowledge to dentistry is gained by exercises in dental technics.

## Text-books:

Skinner, E. W., and Phillips, R. W., *The science of dental materials* (Saunders).

Roydhouse, R. H., *Materials in dentistry* (Year Book Publications).

## Reference books:

Anderson, J. N., *Applied dental materials* (Blackwell).

Peyton, F. A., and others, *Restorative dental materials* (Mosby).

Standards Association of Australia, *Australian standard specifications for dental materials*.

American Dental Association, *Guide to dental materials* 1966.

**THIRD YEAR****MP73. General Pathology.**

A course of instruction on the general principles of pathology, consisting of: the genetic background of disease; the causation, character and sequelae of inflammation, degeneration, regeneration, repair, hypertrophy, atrophy and hyperplasia; blood coagulation and its disorders, thrombosis, embolism, infarction and ischaemia; the biologic effects of radiant energy and of viruses; the fundamentals of neoplasia. The pathology of systemic disease of importance in dental practice is also briefly studied.

## Text-book:

Walter, J. B., *et al.*, *Principles of pathology for dental students* (Churchill).

**SS23. Human Physiology.**

This course extends over the first and second terms and is a continuation of studies in Physiology from the Second year (see Syllabus SS22).

## Text-books:

As for Syllabus SS22.

**DS23. Oral Pathology.**

This course of instruction is based on the principles of general pathology and microbiology. Oral manifestation of disease processes and special reactions of dental tissues are studied. Clinical instruction is given in history taking, examination procedure and the use of special investigations in diagnosis. Practical instruction is given in clinical and microscopic anatomy of diseased oral tissues.

An introductory course at the beginning of the year precedes the formal course which commences in the second term.

**Text-books:**

U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott, 1956).

Shafer, W. G., et al., *A textbook of oral pathology*, 2nd edition (Saunders).

Lucas, R. B., *Pathology of tumours of the oral tissues* (Churchill).

**Reference books:**

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Thoma, K. H., and Goldman, H. M., *Oral pathology*, 5th edition (Kimpton).

**DS33. Microbiology**

A course of lectures and practical sessions extending over two terms.

The course emphasises basic principles of microbiology and immunity covering the general areas of: morphology, cytology, metabolism, physiology, isolation, cultivation and classification of bacteria and viruses. Principles of disinfection, sterilization, and chemotherapy, particularly related to clinical problems. Microbial genetics. Host-parasite relationships, mechanisms of microbial pathogenicity and principles of immunology and resistance to infective agents. Characteristics of selected groups of microorganisms and viruses important in medical microbiology. Consideration of the oral microbiota and its relation to dental disease.

**Text-books:**

Burnett, G. W., and Scherp, H. W., *Oral microbiology and infectious disease*, 3rd edition (Williams and Wilkins).

Jawetz, E., and others, *Review of medical microbiology*, 7th edition (Lange Medical Publications).

**Reference books:**

Dubos, R. J., and Hirsch, J. G., *Bacterial and mycotic infections of man*, 4th edition (Lippincott).

Burrows, W., *Textbook of microbiology*, 18th edition (Saunders).

Rubbo, S. D., and Gardner, J. F., *A review of sterilization and disinfection* (Lloyd Luke).

Gray, D. F., *Immunology* (Cheshire).

Humphrey, J. H., and White, R. G., *Immunology for students of medicine*, 3rd edition (Blackwell).

**DS13. Restorative Dentistry.**

The courses in conservative dentistry and prosthetic dentistry are introduced by a series of lectures on the general principles of restorative dentistry. Studies in oral anatomy and physiology, oral pathology and microbiology, and dental materials and technics, are related to the problems involved in treating diseased oral tissues by restorative procedures.

**CONSERVATIVE DENTISTRY:** The scope of the course concerns the restoration of teeth by the procedures of operative dentistry. The course consists of lectures, demonstrations, and pre-clinical practical exercises. Students achieving a satisfactory standard are permitted to proceed to the clinical section of the course where experience is gained in treatment of patients.

**Text-book:**

Hampson, E. L., *Text-book of operative dentistry* (Heinemann).

## Reference books:

- In addition to those listed under Dental materials and technics (DS12):  
 Black, G. V., *Operative dentistry*—Vol. II (Kimpton).  
 Blackman, S., and Poyton, H. G., *A manual of dental and oral radiography* (John Wright and Sons, Bristol).  
 Black, G. V., *Operative dentistry*; revised by R. E. Blackwell, 9th edition (Kimpton).  
 Davis, W. C., *Operative dentistry* (Mosby).  
 Gabel, A. B. (ed.), *American text-book of operative dentistry* (Lea and Febiger).  
 McCall, J. O., and Wald, S. S. *Clinical dental roentgenology* (Saunders).  
 McGehee, W. H. O., and others, *A text-book of operative dentistry* (McGraw-Hill).  
 Pickard, H. M., *A manual of operative dentistry* (O.U.P.).  
 Simon, W. J. (ed.), *Clinical operative dentistry* (Saunders).  
 Worth, H. M., *Principles and practice of oral radiologic interpretation* (Year Book Publishers, Chicago).

PROSTHETIC DENTISTRY: A course of lectures, demonstrations, practical exercises and clinical tutorials related to the replacement of missing teeth and associated structures.

## Text-book:

- Posselt, U., *The physiology of occlusion and rehabilitation* (Blackwell).

## Reference books:

- McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).  
 U.S.A. National Naval Medical Centre, U.S. Naval Dental School, *Dental technician, prosthetic*, (U.S. Government Printer).

## FOURTH YEAR

## DS34. General Medicine.

A special course of lectures and clinical instructions in the principles of medicine and on the diseases of different organs and systems of the body, with particular reference to the relationship between medical disorders and the oral manifestations of disease.

## Text-book:

- Kennedy, A. C., *Essentials of medicine for dental students* (Livingstone).

## Reference books:

- Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone).  
 Collins, L. H., and Crane, M. P., *Internal medicine in dental practice* (Kimpton).  
 Houston, J. C., and others, *A short text-book of medicine*, 2nd edition (English University Press).

## DS44. General Surgery.

A course of lectures and clinical demonstrations in general surgery, with special reference to the surgery of the mouth and jaws.

## Text-books:

- Mills, G. P., and Humphreys, H., *Text-book of surgery for dental students* (Arnold); or  
 Woodruff, Michael F. A., *Surgery for dental students* (Blackwell Scientific Publications).  
 Bailey, H., *Clinical surgery for dental practitioners* (Lewis).

## Reference book:

- Blair, V. P., Ivy, R. H., and Brown, J. B., *Essentials of oral surgery* (Mosby).

## DS54. Clinical Dentistry I.—Part A.

**PREVENTIVE DENTISTRY:** Epidemiology of dental disease; methods of control and treatment; relation of dental disease to systematic disease; the place of dentistry in public health programmes.

## Text-books:

- Muhler, J. C., and Wisan, J. M., *Preventive dentistry* (Kimpton).  
 Pelton, W. J., and Wisan, J. M., *Dentistry in public health* (Saunders).

## Reference books:

- O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).  
 Clements, F. W., et al., *Diet and nutrition for the Australian people* (Angus and Robertson).  
 Sognaes, R. F., *Chemistry and prevention of dental caries* (Thomas).  
 Goose, D. H., and Hartles, R. L., *Principles of preventive dentistry* (Pergamon Press).

**CHILDREN'S DENTISTRY:** A course of instruction on child management and the materials and methods used in the treatment of injuries and diseases of children's teeth.

## Text-book:

- Finn, S. B., *Clinical pedodontics* (Saunders).

## Reference books:

- Brauer, J., and others, *Dentistry for children* (McGraw-Hill).  
 Davies, G. N., and King, R. M., *Dentistry for the pre-school child* (Livingstone).  
 McDonald, R. E., *Pedodontics* (Mosby).

**ORTHODONTICS:** Lectures and clinical instruction in the growth and development of the craniofacial complex; the recognition, diagnosis and treatment of malocclusion and associated anomalies of the jaws by orthodontic procedures.

## Text-book:

- Graber, T. M., *Orthodontics: principles and practice*, 2nd edition (Saunders).

## Reference books:

- Moyers, R. E., *Handbook of orthodontics*, 2nd edition (Year Book Publishers).  
 Salzmann, J. A., *Orthodontics: practice and technics* (Lippincott).

**PERIODONTOLOGY:** A course of instruction on diseases of the supporting structures of the teeth and the oral mucous membrane.

## Text-books:

- Goldman, H. M., and others, *An introduction to periodontia*, 3rd edition (Mosby).  
 Manson, J. D., *Periodontics for the dental practitioner* (Kimpton).

## Reference books:

- Blake, G. L., and Trott, J. R., *Periodontology* (Butterworth).  
 Glickman, I., *Clinical periodontology* (Saunders).  
 Goldman, H. M., and others, *Periodontal therapy*, 4th edition (Mosby).  
 Urban, B. J., and others, *Periodontics* (Mosby).  
 Ramfjord, S. P., and Ash, M., *Occlusion* (Saunders).

## DS64. Clinical Dentistry I.—Part B.

**ORAL PATHOLOGY:** This is an extension of Oral Pathology (DS23).

By means of a course of lectures, clinical tutorials and practical classes, further instruction is given in oral pathology and microbiology and their relation to clinical dentistry.

## Text-book:

- U.S.A. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).  
 Lucas, R. B., *Pathology of tumours of the oral tissues* (Churchill).

## Reference books:

- Stones, H. H., *Oral and dental diseases*, 5th edition (Livingstone).  
 Fish, E. W., *Surgical pathology of the mouth* (Pitman).  
 Burnett, G. W., and Scherp, H. W., *Oral microbiology and infectious diseases*, 3rd edition (Williams and Wilkins).  
 Thoma, K. H., and Goldman, H. M., *Oral pathology*, 5th edition (Kimpton).

**ORAL SURGERY AND ANAESTHESIA:** A series of lectures and clinical tutorials is given on the principles and practice of oral surgery and the use of local anaesthesia and general anaesthesia. Clinical tuition, including instruction on theatre procedure, is given in outpatient and inpatient departments of the Royal Adelaide Hospital.

## Text-books:

- Howe, G. L., *Minor oral surgery* (Wright).  
 Killey, H. C., and Kay, L. W., *The impacted wisdom tooth* (Livingstone).

## Reference books:

- Howe, G. L., *The extraction of teeth* (Wright).  
 Stacy, G. C., *Dental elevators* (Sydney U.P.).  
 Kruger, G. O., *Textbook of oral surgery*, 3rd edition (Mosby).  
 Nevin, M., and Puterbaugh, P. G., *Conduction, infiltration and general anaesthetics in dentistry* (Dental Items of Interest Publishing Co.).  
 Lee, J. A., *Synopsis of anaesthesia* (Wright).  
 Rowe, N. L., and Killey, H. C., *Fractures of the facial skeleton* (Livingstone).

**PHARMACOLOGY AND THERAPEUTICS:** An introductory course consisting of two lectures is given in the commencement term in third year; and the course proper extends over three terms in fourth and fifth year. It deals with drugs, their physiological action and their application to clinical dentistry.

## Text-book:

- Francis, L. E., and Wood, D. R., *Dental pharmacology and therapeutics* (Saunders).

## Reference book:

- American Dental Association, Council on dental therapeutics, *Accepted dental remedies*, latest edition.

## DS74. Clinical Dentistry I.—Part C.

**RESTORATIVE DENTISTRY:** The separate courses of instruction in operative dentistry, endodontics, crown and bridge prosthesis, ceramics, removable partial denture prosthesis, immediate replacement denture prosthesis and complete denture prosthesis are applied to the clinical treatment of patients.

## Text-books:

- Boucher, C. O. (ed.), *Swenson's complete dentures* (Mosby).  
 Ingle, J. I., *Endodontics* (Lea and Febiger).  
 Johnston, J. F., and others, *Modern practice in crown and bridge prosthodontics* (Saunders).  
 McCall, J. O., and Wald, S. S., *Clinical dental roentgenology* (Saunders).  
 McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).

## Reference books:

In addition to those listed under DS12 and DS13:

- Applegate, O. C., *Essentials of removable partial denture prosthesis* (Saunders).  
 Coolidge, E. D., and Kesel, R. G., *A text-book of endodontology* (Lea and Febiger).  
 Gehl, D. H., and Drezen, O. M., *Complete denture prosthesis* (Saunders).  
 Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).  
 Sharry, J. J., *Complete denture prosthodontics* (McGraw-Hill).  
 Tylman, S. D., *Theory and practice of crown and bridge prosthodontics* (Mosby).

## FIFTH YEAR

**DS55. Clinical Dentistry II.—Part A.**

This course is a continuation of studies and clinical practice in preventive dentistry, children's dentistry, orthodontics and periodontology.

**DS65. Clinical Dentistry II.—Part B.**

This course is a continuation of studies and clinical practice in oral pathology, microbiology, oral surgery and anaesthesia. It includes classes in oral pathohistology at an advanced level, seminars, the presentation of clinical cases and discussion on them by students.

Clinical practice includes routine minor oral surgery and elective oral surgery on out-patients, and major oral surgery on patients admitted as in-patients to the Royal Adelaide Hospital on a theatre list.

**DS75. Clinical Dentistry II.—Part C.**

This course is a continuation of studies and clinical practice in restorative dentistry.

Text-books and reference books:

Those listed under DS12, DS13, and DS74.

**Principles of Dental Practice.**

A short course of lectures on dental jurisprudence; forensic odontology; dental ethics; history of dentistry.

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## FACULTY OF ECONOMICS

### SYLLABUS NUMBERS

The first letter identifies the Faculty of Economics: E.

The second letter identifies the Department teaching the subject:

Commerce .. .. C                      Economics .. .. E

Except in M.B.M. subjects, where it serves merely to differentiate the subjects.

The first digit

0-3: Indicates that the subject is in sequence with another subject.

4-6: Indicates that the subject is not in sequence with another subject.

7-9: Indicates service subject.

The second digit

1, 2, 3: Indicates year of subject, e.g. first, second or third.

[4-7: Not used.]

8: Indicates subject taken by Honours students before the Final Honours year.

9: Final Honours.

0: Indicates pre-dissertation subject for the degree of Master of Business Management.

## ECONOMICS

The three main courses in Economics which constitute a sequence for the ordinary degrees of Bachelor of Arts and Bachelor of Economics are given annually, those in Economics II and Economics III being given alternately as day and evening lectures.

No student proceeding to a degree may take the course in Economics III until he has passed the final examination in Economics II, or the course in Economics II until he has passed the final examination in Economics I, or Economics (Engineering) at Division I standard or higher, provided that students who have passed with distinction or near distinction in Social Economics or Agricultural Economics may, with the approval of the Dean of the Faculty of Economics, enrol in Economics II.

It is proposed at present to give these courses in Economics as follows:

	1969	1970	1971
Economics I	Day and Evening	Day and Evening	Day and Evening
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics II and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics II.

## EE01. Economics I.

The course will be given in 1969 as both day and evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Introduction to the theory of value.
2. Introduction to the theory of outlay and employment.

Exemption from lectures in Economics I is not usually granted.

## Preliminary reading:

- Drohan, N. T., and Day, J. H., (eds.), *Readings in Australian economics* (Cassell).
- Australia, Economic Enquiry, Committee of. *Australian economic background, from the Report of the Committee* (Economic Standing Committee, Victorian Universities and Schools Examinations Board).
- Galbraith, J. K., *The affluent society* (Penguin or Mentor).
- Shackle, G. L. S., *Economics for pleasure* (C.U.P.) (paper-back).
- Robinson, M. A., Morton, H. C., and Calderwood, J. C., *An introduction to economic reasoning* (Tudor) (Australian paper-back edition).
- Robinson, Joan, *Economics: an awkward corner* (Allen and Unwin).

## Text-books:

- Leftwich, R. H., *The price system and resource allocation*, 3rd edition (Holt, Rinehart, Winston).
- Brennan, M. J., *Theory of economic statics* (Prentice-Hall).
- Downing, R. I., *National income and social accounts*, 9th (or later) edition (M.U.P.).
- Haig, B. D., and McBurney, S. S., *The interpretation of national income estimates* (A.N.U. Press).
- Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

Some students might find that one of the following provides useful supplementary reading for the initial stages of the course:

- Fels, R., *The law of supply and demand: a programmed approach* (Allyn and Bacon) ; or
- Entelek Incorporated, *Supply and demand* (and worksheets) (Macmillan).
- or
- Lumsden, K., and others, *Micro-economics: a programmed book* (Prentice-Hall).

## Reference books:

- Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicholson).
- Samuelson, P. A., *Economics*, 4th, 5th or 6th edition (McGraw-Hill).
- Stonier, A. W., and Hague, D. A., *A text-book of economic theory* (Longmans).
- Stigler, G. J., *The theory of price*, 3rd edition (Macmillan).
- Schneider, E., *Pricing and equilibrium* (Allen and Unwin).
- Schneider E., *Money, income and employment* (Allen and Unwin).
- Bilas, R. A., *Micro-economic theory: a graphical analysis* (McGraw-Hill).
- Gisser, M., *Introduction to price theory* (International Textbook Company).
- Allen, C. L., *Elementary mathematics of price theory* (Wadsworth).
- Watson, D. S., *Price theory in action: a book of readings* (Houghton Mifflin).
- Breit, W., and Hochman, H. M. (eds.), *Readings in microeconomics* (Holt, Rinehart and Winston).

Additional references will be prescribed by the lecturers.

## EE02. Economics II.

Students who passed Economics I prior to 1951 and who wish to take Economics II will be required to attend in addition to the full course in Economics II one lecture a week in Section 2 of Economics I and to pass in a special examination covering this work. This special examination may be taken prior to or at the same time as the examination in Economics II.

Exemption from lectures in Economics II is not usually granted.

Economics II will be given in 1969 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. Principles of industrial and agricultural organization in the Australian economy; pricing theory and policy; government policy in industry.

Preliminary reading:

Caves, R. E., *American industry: structure, conduct, performance*, 2nd edition (Prentice-Hall).

Morgan, E. V., *A history of money* (Pelican).

Goldsmith, R. W., *Financial institutions* (Yale).

Galbraith, J., *The great crash 1929* (Pelican).

Text-books:

Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

Hirst, R. R., and Wallace, R. H., *Studies in the Australian capital market* (Cheshire).

Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).

Moore, B. J., *An introduction to the theory of finance* (Free Press).

Sayers, R. S., *Modern banking*, 7th edition (O.U.P.).

Dean, E., *The controversy over the quantity theory of money* (Heath).

Arndt, H. W., and Harris, C., *The Australian trading banks*, 3rd edition (Cheshire).

Due, J. F., and Clower, R. W., *Intermediate economic analysis* (Irwin).

Bain, J. S., *Price theory* (Holt, 1952).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Caves, R. E., *American industry: structure, conduct, performance* (Prentice-Hall).

Reference books:

Day, A. C. L., *Outline of monetary economics* (O.U.P.).

Shapiro, E., *Macroeconomic analysis* (Harcourt, Brace and World).

Giblin, L. F., *The growth of a central bank* (M.U.P.).

Great Britain. Treasury. Committee on the working of the monetary system. *Report*. (H.M.S.O.).

Reserve Bank of Australia, *Staff Paper, flow of funds, Australia 1953-54 to 1961-62* (A. S. Holmes).

Robertson, D. H., *Lectures on economic principles* (Fontana).

Crick, W. (ed.), *Commonwealth banking systems* (O.U.P.).

Hart, A., and Kenen, P., *Money debt and economic activity* (Prentice-Hall).

Drake, P. J., *Money and finance in Malaya and Singapore* (A.N.U. Press).

Smith, W. L., and Teigen, R. (eds.), *Readings in money, national income and stabilization policy* (Irwin).

Mueller, M. G., *Readings in macro-economics* (Holt).

Thorn, R. S. (ed.), *Monetary theory and policy* (Random House).

Florence, P. S., *The logic of British and American industry* (Routledge and Kegan Paul).

- Chamberlin, E. H., *The theory of monopolistic competition* (Harvard U.P.).
- Richardson, J. E., *Introduction to the Trade Practices Act* (Hicks Smith).
- Wheelwright, E. L., and Miskelly, J., *Anatomy of Australian manufacturing industry* (Law Book Co.).
- Berle, A. A., and Means, G. C., *The modern corporation and private property* (Macmillan).
- American Economic Association, *Readings in price theory* (Irwin).
- American Economic Association, *Readings in industrial organization and public policy* (Irwin).
- Singer, E. M., *Antitrust economics* (Prentice-Hall).
- Galbraith, J. K., *The new industrial state* (Hamish Hamilton).
- Schumpeter, J. A., *Capitalism, socialism and democracy*, 2nd edition (Harper).
- Galbraith, J. K., *American capitalism* (Houghton Mifflin; Hamish Hamilton).
- Bain, J. S., *Barriers to new competition* (Harvard U.P.).
- Hunter, A. (ed.), *The economics of Australian industry* (M.U.P.).
- Penrose, E., *The theory of the growth of the firm* (Blackwell).
- Kaysen, C., and Turner, D., *Anti-trust policy* (Harvard U.P.).
- Hughes, H., *The Australian iron and steel industry 1848-1962* (M.U.P.).
- Williams, B. R., *Technology, investment and growth* (Chapman and Hall).
- Additional references will be prescribed by the lecturers.

### EE03. Economics III.

The course will be given in 1969 as day lectures. It comprises three lectures and one tutorial a week. The course consists of Part A and either Part B or Part C or Part D, or Part E.

Exemption from lectures in Economics III is not usually granted.

Preliminary reading:

- Robinson, J., *Economics: an awkward corner* (Allen and Unwin).
- Pen, J., *Modern economics* (Pelican A710).
- Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

#### PART A.

Theory of economic activity and the trade cycle; wages; the general price level; interest rates; international economics.

Text-books:

- Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
- Day, A. C. L., *Outline of monetary economics* (O.U.P.).
- Tew, B., *International monetary co-operation*, 9th edition (Hutchinson).
- Mathews, R. C. O., *The trade cycle* (C.U.P.).
- Mueller, M. G., *Readings in macro-economics* (Holt).
- Ackley, G., *Macroeconomic theory* (Macmillan).
- Australia; Census and Statistics, Bureau of,  
*Australian balance of payments* (latest issue),  
*Australian economy* (latest issue).

Reference books:

- Allen, R. G. D., *Macro-economic theory* (Macmillan).
- Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).
- Hansen, A., *A guide to Keynes* (McGraw-Hill).
- Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).

- Lekachman, R., *Keynes' general theory: reports of three decades* (Macmillan).
- Meade, J. E., *A neo-classical theory of economic growth* (Unwin).
- Meyer, J. R., and Glauber, R. R., *Investment decisions, economic forecasting and public policy* (Harvard U.P.).
- Klein, L., *The Keynesian revolution* (Macmillan).
- American Economic Association, *Readings in business cycle theory* (Allen and Unwin).
- American Economic Association, *Surveys of economic theory*, vol. 1 (Macmillan).
- American Economic Association, *Income, employment and public policy: Essays in honour of Alvin Hansen* (Norton).
- Australia. Economic Enquiry, Committee of, *Report*, vols. 1 and 2.
- Australia. Treasury. *Department of Treasury Information Bulletin*, Supplement, February, 1966: "The Australian balance of payments".
- Australia. Treasury. *Department of Treasury Information Bulletin*, Supplement, May, 1965: "Private overseas investment in Australia".
- American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
- League of Nations, *International currency experience*.
- Kindleberger, C. P., *International economics*, latest edition (Irwin).
- Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).
- Machlup, F., *International monetary economics* (Allen and Unwin).
- Johnson, H. G., *Money, trade and economic growth* (Allen and Unwin).
- Arndt, H. W., and Corden, W. M., *The Australian economy* (Cheshire).
- Triffin, R., *Gold and the dollar crisis* (Yale University Press) (Paperback).

Additional references will be prescribed by the lecturers.

#### PART B (Public Finance).

The course is concerned with the theory and practice of public finance: the public sector; theory of public goods; cost-benefit analysis and public expenditures; theory of taxation; taxation in Australia; federal-state fiscal relations; fiscal policy.

##### Preliminary reading:

Eckstein, O., *Public finance*, 2nd edition (Prentice-Hall).

##### Text-book:

Downing, R. I., and others, *Taxation in Australia—agenda for reform* (M.U.P.).

##### Reference books:

- Musgrave, R. A., *The theory of public finance* (McGraw-Hill).
- Due, J. F., *Government finance*, 4th edition (Irwin).
- Johansen, L., *Public economics* (North-Holland).
- Kaldor, N., *An expenditure tax* (Allen and Unwin).
- Mathews, R. L., *Public investment in Australia* (Cheshire).
- Simons, H., *Personal income taxation* (Chicago U.P.).
- Hansen, Bent, *The economic theory of fiscal policy* (Allen and Unwin).
- American Economic Association, *Readings in fiscal policy* (Allen and Unwin).
- American Economic Association, *Readings in the economics of taxation* (Allen and Unwin).
- Australia; Commonwealth Grants Commission, *Reports*.

Additional references will be prescribed by the lecturers.

## PART C (Economics of Labour).

Factors influencing the relative wage structure; trade unions; systems of industrial relations; arbitration and wages and income policies; aspects of employment and unemployment.

## Reference books:

- Bowen, W. G., *The wage-price issue* (Princeton).  
 Bowen, W. G. (ed.), *Labor and the national economy* (Norton).  
 Cartter, A. M., *Theory of wages and employment* (Irwin).  
 Cartter, A. M., and Marshall, F. R., *Labor economics: wages, employment, and trade unionism* (Irwin).  
 International Economic Association, *The theory of wage determination*, ed. J. T. Dunlop (Macmillan).  
 Dunlop, J. T., *Wage determination under trade unions* (Kelly).  
 Flanders, A., and Clegg, H., *The system of industrial relations in Great Britain* (Blackwell).  
 Hagger, A. J., *The theory of inflation: a review* (M.U.P.).  
 Hicks, J. R., *The theory of wages*, 2nd edition (Macmillan).  
 International Labor Office, *Job evaluation* (I.L.O. Studies and Reports N.S. 56).  
 Isaac, J. E., and Ford, G. W., *Australian labor economics: readings* (Sun books).  
 Isaac, J. E., and Ford, G. W., *Australian labor relations: readings* (Sun books).  
 Isaac, J. E., *Wages and productivity* (Cheshire).  
 Jaques, E., *Equitable payment* (Pelican).  
 O'Dea, R., *Industrial relations in Australia* (West).  
 Rees, A., *The economics of trade unions* (C.U.P.).  
 Roberts, B. C. (ed.), *Industrial relations* (Methuen).  
 United Nations, Economic Commission for Europe, *Incomes policies in post-war Europe: a study of policies, growth and distribution* (United Nations).  
 Wootton, B., *The social foundations of wage policy* (Allen and Unwin).

## PART D (Agricultural Economics).

Agriculture in the Australian economy; the goals of agricultural policy; the current and prospective situation of agriculture; the problems of agricultural industry; agriculture and the political process.

## Reference books:

- Schultz, T. W., *Agriculture in an unstable economy* (McGraw-Hill).  
 Schultz, T. W., *Production and welfare of agriculture* (Macmillan).  
 Schultz, T. W., *The economic organisation of agriculture* (McGraw-Hill).  
 Johnson, D. G., *Forward prices for agriculture* (University of Chicago).  
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).  
 Crawford, J. G., *Australian agricultural policy* (University of Adelaide).  
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).  
 Heady, E. O., et al., *Agricultural adjustment problems in a growing economy* (Iowa State University).  
 Heady, E. O., *Agricultural policy under economic development* (Iowa State University).

## PART E (History of Economic Thought).

The course covers some of the main contributions to economic thought of the leading economists from Adam Smith up to recent times. The emphasis is on theoretical contributions. Students are expected to work mainly from secondary sources with the exception that each student is required to study one economist in greater depth.

## Text-books:

- Blaug, M., *Economic theory in retrospect* (Heinemann).  
 Hutchison, T. W., *Review of economic doctrines* (Clarendon).

## Reference books:

- Stigler, G., *Production and distribution theories* (Macmillan).  
 Eshag, E., *From Marshall to Keynes* (Blackwell).  
 Seligman, B. B., *Main currents in modern economics: economic thought since 1870* (Free Press of Glencoe).  
 Haberler, G., *Prosperity and depression* (League of Nations).

Additional references will be prescribed by the lecturers.

## EE12. Economic Development I.

Pre-requisite subject: Social Economics or Economics I.

This course, comprising two lectures and one tutorial a week, will be given as day lectures in 1969.

The course is concerned with the economic development of Great Britain, the United States of America and Australia. It will attempt to show how economic change was related to the social and economic position of these countries and how simple economic models can be used to analyse their development.

## Preliminary reading:

- Rostow, W. W., *The stages of economic growth* (C.U.P.).

## Reference books:

- Lewis, W. A., *The theory of economic growth* (Allen and Unwin).  
 Myint, H., *Economics of the developing countries* (Hutchinson).  
 Butterfield, H., *The origins of modern science* (Bell).  
 Tawney, R. H., *Religion and the rise of capitalism* (Pelican).  
 Hill, C. (ed.), *The English revolution* (Lawrence and Wishart).  
 Wilson, C., *England's apprenticeship 1603-1763* (Longmans).  
 Chambers, J. D., and Mingay, G. E., *The agricultural revolution, 1750-1880* (Batsford).  
 Flinn, M. W., *The origins of the industrial revolution* (Longmans).  
 Mantoux, P., *The industrial revolution in the eighteenth century* (Methuen).  
 Ashton, T. S., *An economic history of England in the eighteenth century* (Methuen).  
 Deane, P., and Cole, W. A., *British economic growth 1688-1959* (C.U.P.).  
 Ashton, T. S., *The industrial revolution 1760-1830* (Horne University Library).  
 Deane, P., *The first industrial revolution* (C.U.P.).  
 Chambers, J. D., *The workshop of the world* (O.U.P.).  
 Checkland, S. G., *The rise of industrial society in England 1815-1885* (Longmans).  
 Mathews, R. C. O., *A study in trade-cycle history* (C.U.P.).  
 Imlah, A. H., *Economic elements in the Pax Britannica* (Harvard U.P.).  
 Ashworth, W., *An economic history of England 1870-1939* (Methuen).  
 Roberts, D., *The Victorian origins of the welfare state* (Yale U.P.).  
 Cairncross, A. K., *Home and foreign investment* (C.U.P.).  
 Pollard, S., *The development of the British economy 1914-1950* (Arnold).  
 Thistlethwaite, F., *The great experiment* (C.U.P.).  
 Harris, S. E., *American economic history* (McGraw Hill).  
 Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).  
 Bruchey, S. W., *The roots of American economic growth* (Hutchinson).  
 North, D. C., *The economic growth of the United States 1790-1860* (Prentice-Hall).

- Habakkuk, H. J., *American and British technology in the nineteenth century* (C.U.P.).  
 Fogel, R. W., *Railroads and American economic growth* (Johns Hopkins).  
 Leuchtenburg, W. E., *The perils of prosperity 1914-32* (Chicago U.P.).  
 Greenwood, G., *Australia: A social and political history* (Angus and Robertson).  
 Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).  
 Shann, E. O. G., *An economic history of Australia* (Georgian House).  
 Butlin, S. J., *Australia and New Zealand Bank* (Longmans).  
 Butlin, N. G., *Investment in Australian economic development 1861-1900* (C.U.P.).  
 Barnard, A., *The Australian wool market 1840-1900* (M.U.P.).  
 Forster, C., *Industrial development in Australia 1920-1930* (A.N.U.).  
 Blainey, G., *The tyranny of distance* (Sun).  
 Additional references will be prescribed by the lecturers.

### EE13. Economic Development II.

Pre-requisite subjects: Economic Development I or History IIB; and Economics III, if not already completed, must be taken concurrently.

This course, comprising two seminars a week, will be given in 1969 as evening classes. It will be concerned with the secular development of economies and with a comparative study of economic systems. The programme will include a discussion of theories of growth with special emphasis given to the problems of developing countries. Students will be expected to produce case studies on selected countries.

Text-books:

- Lewis, W. A., *Theory of economic growth* (Unwin).  
 Agarwala, A. N., and Singh, S. P., *The economics of underdevelopment* (O.U.P.).  
 Lewis, W. A., *Development planning* (Allen and Unwin).

Reference books (additional references will be supplied at the beginning of the course):

- Domar, E., *Essays in the theory of economic growth* (O.U.P.).  
 Lekachman, R., *National policy for economic welfare* (Columbia U.P.).  
 Meier, G. M., *Leading issues in development economics* (O.U.P.).  
 Singer, H. W., *International development: growth and change* (McGraw-Hill).  
 Cairncross, A. K., *Factors in economic development* (Unwin).  
 Higgins, B. H., *Economic development* (Norton).  
 Okun, B., and Richardson, R. W., *Studies in economic development: a book of readings* (Holt).  
 Baumol, W. J., *Economic dynamics* (Macmillan).  
 Johnson, H. G., *Economic policies towards less developed countries* (Allen and Unwin).  
 Leibenstein, Harvey, *Economic backwardness and economic growth* (Wiley, Science Paper-back).  
 Zimmerman, L. J., *Poor lands, rich lands: the widening gap* (Random House, Paper-back).  
 Eicher, C. K., and Witt, L. W., *Agriculture in economic development* (McGraw-Hill).  
 Tinbergen, J., *Development planning* (Weidenfeld and Nicolson).

### EE22. Economic Statistics I.

Pre-requisite subject: Economics I or Social Economics, unless the Head of the Department of Economics determines otherwise.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1969 as evening lectures. It comprises two lectures and one tutorial a week.



The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling, significance and elementary decision theory, including the use of the normal,  $t$  and  $\chi^2$  distributions; linear regression and correlation; time series; sample surveys; quality control; index numbers of prices and volume.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been reached.

Exemption from lectures in Economic Statistics I is not usually granted.

Text-books:

- Karmel, P. H., *Applied statistics for economists* (Pitman); and  
 Neter, J., and Wasserman, W., *Fundamental statistics for business and economics*, 3rd edition (Allyn and Bacon).  
 Yamane, Taro, *Statistics, an introductory analysis*, 2nd edition (Harper and Row).

Reference books:

- Moroney, M. J., *Facts from figures* (Penguin).  
 Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).  
 Pearson, E., *The application of statistical methods in industrial standardization and quality control* (O.S. No. 600, 1935).  
 Spiegel, M. R., *Theory and problems of statistics* (Schaum).  
 Huff, D., *How to take a chance* (Gollancz, and Penguin).  
 Mudgett, B. D., *Index numbers* (Wiley).  
 Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).  
 Merrett, A. I., and Bannock, G., *Business economics and statistics* (Hutchinson).  
 Palmer G. R., *A guide to Australian Economic Statistics* (Macmillan).  
 Shao, S. P., *Statistics for business and economics* (C. E. Merrill Books, Inc.).  
 Simone, A. J., *Probability: an introduction with applications* (Allyn and Bacon).  
 Friday, F. A., *The elements of probability and sampling* (Blackwell).  
 Wetherill, G. B., *Elementary statistical methods* (Methuen).  
 Greenwald, W., *Statistics for economists* (Merrill).  
 Edwards, W., and Tversky, A. (eds.), *Decision making* (Penguin).

Additional references will be prescribed by the lecturers.

Students will be expected to familiarize themselves with the publications of the Commonwealth Bureau of Census and Statistics, and they should procure a copy of the latest issue of the *Labour report* (Govt. Printer, Canberra).

### EE23. Economic Statistics II.

Pre-requisite subjects: Economic Statistics I and Mathematics (Economics) or Mathematics I and a knowledge of elementary matrix algebra.

Students may enrol for this subject only with the permission of the Head of the Department of Economics.

This course comprises two lectures and one tutorial a week. Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been obtained. It will be offered in 1969 if sufficient students enrol.

The course will deal with the estimation of economic relationships and with statistical applications to business problems and will include the following topics: introduction to probability; multiple regression and correlation; simultaneous equations problems; elementary linear programming; inventory analysis; decision making under certainty and uncertainty.

## Text-books:

- Mood, A. M., and Graybill, F. A., *Introduction to the theory of statistics* (McGraw-Hill, International Student Edition).  
 Johnston, J., *Econometric methods* (McGraw-Hill, International Student Edition).  
 Llewellyn, R., *Linear programming* (Holt, Rinehart and Winston).  
 Schlaifer, R., *Probability and statistics for business decisions* (McGraw-Hill, International Student Edition).  
 Christ, C., *Econometric models and methods* (Wiley).

## Reference books:

- Klein, L. R., *An introduction to econometrics* (Prentice-Hall).  
 Additional references will be prescribed by the lecturers.

**EE41. Mathematics (Economics).**

No pre-requisite subjects are formally required, but a knowledge of calculus to Matriculation Mathematics I will be assumed.

This course is given alternately as day and evening lectures. It will be given as day lectures in 1969. It comprises two lectures and one tutorial a week. Exercises will be set each week and permission to sit for the final examination will not be granted unless a satisfactory standard has been reached.

The main emphasis of the syllabus will be on:

- (a) calculus—with applications to problems in economics and commerce;
- (b) matrix algebra—with applications to economic models consisting of systems of equations.

## Preliminary reading:

- Sawyer, W. W., *Prelude to mathematics* (Pelican).  
 Gray, J. F., *Sets, relations, and functions* (Holt).

## Text-books:

- Yamane, T., *Mathematics for economists* (Prentice-Hall), or  
 Huang, D. S., *Introduction to the use of mathematics in economic analysis* (Wiley).

## Reference books:

- Kemeny, J. G., and others, *Finite mathematics with business applications* (Prentice-Hall).  
 Kooros, A., *Elements of mathematical economics* (Houghton Mifflin).  
 Teichroew, D., *An introduction to management science* (Wiley).  
 Chiang, A., *Fundamental methods of mathematical economics* (McGraw-Hill).  
 Archibald, G. C., and Lipsey, R. G., *An introduction to a mathematical treatment of economics* (Weidenfeld and Nicolson).

**EE52. Public Finance.**

Pre-requisite subject: Economics I or Social Economics.

This course is offered for students proceeding to the Diploma in Public Administration. It will be offered in 1969, and will be given if sufficient students enrol.

The course is concerned with the theory and practice of public finance: the public sector; theory of public goods; cost-benefit analysis and public expenditures; theory of taxation; taxation in Australia; federal-state fiscal relations; fiscal policy.

## Reference books:

- As for Economics III, Part B.

**EE68. Economic Theory.**

Students may enrol for this subject only with the permission of the Head of the Department of Economics.

The course comprises two lectures a week on advanced theory of value and advanced theory of outlay. Students should consult the lecturers for guidance in preliminary reading.

**EE99. Economics for the Honours degrees of B.A. and B.Ec.**

Detailed arrangements for classes will depend on enrolments, and students are advised to communicate with the Dean of the Faculty of Economics well before the beginning of the academic year. Students will be admitted to honours classes only with the approval of the Dean. The honours work falls into two divisions. Interim honours classes are conducted for students in the third year and final honours classes in the fourth year.

**INTERIM HONOURS:**

Interim honours students shall take the course in Economic Theory.

**FINAL HONOURS:**

(i) Final honours students are required to undertake a research project and present a thesis on it of not more than 10,000 words. The thesis will form part of the final honours examination. Students must have the subject of their theses approved by the Dean of the Faculty and be allotted to supervisors before the end of the academic year preceding their final honours year. Students must commence work on their projects during the long vacation preceding their final honours year and must report to their supervisors not later than during the first week of February. They will be required to keep in touch with their supervisors, to present a progress report to them not later than during the first week of the first term, and to submit a final draft of their theses not later than during the seventh week of the first term. Four copies of the thesis typed double spaced on quarto paper must be presented not later than the first day of the second term. Students will be required to submit themselves to an oral examination on their theses during the second term.

(ii) Each student shall select two options from the following list. Classes and tutorials in these subjects will be arranged to take place in second and third terms.

International Economics	Theory of Accounting
Monetary Theory and Policy	Managerial Economics
Econometrics	Development
Business Statistics	Capital and Growth

(iii) A weekly seminar in Applied Economics will be held throughout the year.

(iv) The examination will consist of:

- (a) The thesis.
- (b) Two papers in Applied Economics.
- (c) One paper in each of the two optional subjects.

**ADDITIONAL SUBJECTS****EE71. Social Economics.**

This course is designed for students who intend to take only a one-year course in Economics, and all such students are recommended to take it instead of the course in Economics I. It will not be accepted as qualifying a student to proceed with the course in Economics II (for which Economics I is a prerequisite), except that students who have passed with at least a credit in Social Economics may, with the approval of the Professor of Economics, be permitted to proceed with Economics II.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1969 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to the following topics: demand and supply; competition and monopoly; distribution of income and wealth; international trade; national accounting; money and banking; theory of employment; government policy in depression and inflation; capital accumulation in underdeveloped areas.

Preliminary reading:

Heilbroner, R. L., *The making of economic society* (Prentice-Hall).

Text-books:

Gill, R. T., *Economic development past and present* (Prentice-Hall).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Reference books will be prescribed in lectures.

### EE83. Agricultural Economics

For syllabus see under Faculty of Agricultural Science.

## COMMERCE

### EC01. Elements of Accounting.

The course comprises two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Students are required to prepare exercises, and permission to sit for the final examination will not be granted unless a satisfactory standard in them has been reached. No prior knowledge of the subject is required. Day lectures are given in even years, evening lectures in odd years.

The accounting process; introduction to the theory of valuation and income measurement; consolidations; sources and uses of funds; function of the auditor; analysis and interpretation of financial accounting reports.

Text-books:

Finney, H. A., and Miller, H. E., *The accounting process* (Prentice-Hall).

Gordon, M. J., and Shillinglaw, G., *Accounting, a management approach* (Irwin).

Baxter, W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.)

Reference book:

Mathews, R. L., *Accounting for economists* (Cheshire).

### EC02. Management Accounting.

Pre-requisite subjects: Elements of Accounting, Economics I.

A general course in management accounting and business finance, including an introduction to cost accounting and a study of the relationship between accounting and economic theory. The course consists of two lectures plus one tutorial each week. Day lectures are given in odd years, evening lectures in even years.

Elements of organization theory, with emphasis on planning and control; budgets and performance reports and introduction to PERT; standards and variances for materials and labour; methods of cost accumulation; accounting for overheads; cost-output relationships; flexible budgets and variable costing; overhead and joint costs; cost concepts in relation to price, production and inventory policy; financial mathematics; business finance—factors affecting the demand for capital, sources of finance, the Australian capital market, optimum financial structure, share valuation, cost of capital; investment planning.

## Text-books:

- Shillinglaw, G., *Cost accounting, analysis and control*, 1st edition (Irwin).  
Battersby, A., *Network analysis for planning and scheduling* (Macmillan).

## Reference books:

- Burke, W. L., and Smyth, E. B., *Accounting for management cost analysis, planning control and decision making* (Law Book Co.).  
Mathews, R. L., *Accounting for economists* (Cheshire).  
Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).  
Hirst, R. R., and Wallace, R. H. (eds.), *Studies in the Australian capital market* (Cheshire).  
Dean, J., *Managerial economics* (Prentice-Hall).  
Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).  
Solomon, E., *The management of corporate capital* (Free Press).  
Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill) (or any standard financial mathematics text).  
Horngren, C. T., *Cost accounting: a managerial emphasis* (Prentice-Hall).  
Bierman, H., and Smidt, S., *The capital budgeting decision* (Macmillan).  
Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).  
Weston, J. F., and Brigham, E. F., *Managerial finance* (Holt, Rinehart and Winston).  
Drucker, P. F., *The practice of management* (Mercury).  
Richards, M. D., and Nielander, W. A., (ed.), *Readings in management* (South-Western).  
Williams, B. R., and Scott, W. P., *Investment proposals and decisions* (Allen and Unwin).

**EC03. Financial Accounting.**

Pre-requisite subjects: Management Accounting, Economic Statistics I.

The course comprises two lectures and one tutorial class a week. Day lectures are given in even years, evening lectures in odd years.

Income measurement and the effect of price changes; accounting for hire-purchase, investments, debentures, leases; consolidations; cash flow analysis; verification; valuation of assets, shares and enterprises; introduction to electronic data processing and information systems.

## Text-books:

- Davis, G. B., *An introduction to electronic computers* (McGraw-Hill).  
Hendriksen, E. S., *Accounting theory* (Irwin).

## Reference books:

- Baxter, W. T., and Davidson, S., (eds.), *Studies in accounting theory* (Law Book Co.).  
Davidson, S., and others, (eds.), *An income approach to accounting theory* (Prentice-Hall).  
Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).  
Edwards, E. O., and Bell, P. W., *The theory and measurement of business income* (University of California Press).  
American Accounting Association, *A statement of basic accounting theory* (The Association).  
Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).  
American Institute of Certified Public Accountants, *Accounting research studies*.  
Chambers, R. J., and others, (eds.), *The accounting frontier* (Cheshire).  
Bierman, H., *Financial accounting theory* (Macmillan).  
Zeff, S. A., and Keller, T. F., *Financial accounting theory* (McGraw-Hill).

- Chambers, R. J., *Accounting, evaluation and economic behaviour* (Prentice-Hall).
- Bedford, N. M., *Income determination theory: an accounting framework* (Addison-Wesley).
- Lee, L. N., and McPherson, L. A., *Consolidated statements and group accounts* (Law Book Co.).
- Mautz, R. K., and Sharaf, H. A., *The philosophy of auditing* (American Accounting Association).
- Mautz, R. K., *Fundamentals of auditing*, 2nd edition (Wiley).
- Ray, J. C., (ed.), *Independent auditing standards* (Holt, Rinehart and Winston).
- Cyert, R. M., and Davidson, H. J., *Statistical sampling for accounting information* (Prentice-Hall).
- Helfert, E. A., *Techniques of financial analysis* (Irwin).
- Gregory, R. H., and Von Horn, R. B., *Business data processing and programming* (Chatto and Windus).
- Johnson, R. A., and others, *The theory and management of systems*, 2nd edition (McGraw-Hill).
- Appropriate programming manuals for computers available to the University.

### EC13. Commercial Law .

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year.

The law relating to companies and partnerships, preceded by certain relevant principles of the law of contract.

The following South Australian statutes, which may be taken into examinations, should be acquired:

*Sale of Goods Act*, 1895-1952.

*Partnership Act*, 1891-1935.

*Companies Act*, 1962-64.

#### Text-books:

Underhill, A., *Principles of the law of partnership*, 8th edition (Butterworth).

Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).

#### Reference books:

Atiyah, P. S., *An introduction to the law of contract* (O.U.P.).

Cheshire, G. C., and Fifoot, C. H. S., *The law of contract*, Australian edition (Butterworth).

### EC23. Industrial Sociology.

Pre-requisite subject: Economics II.

The course comprises two lectures and one tutorial class a week. Its scope is as follows:

The relationships between business organization and technological processes and the social environment; types of business organization; the structure of authority and the exercise of power-management, unions, technical experts, personnel staff; the impact of the work environment, community pressures and personal situation on individual behaviour, illustrated from research on productivity, absenteeism, labour turnover, strikes, morale; planned change in industry, with special reference to experimental studies. During the course, students will be introduced to the basic concepts of sociology and will critically consider selected theories of behaviour.

## Recommended for preliminary reading:

- Klein, J., *The study of groups* (Routledge).  
 Mead, M., (ed.), *Cultural patterns and technical change* (Mentor).  
 Shepherd, C. R., *Small groups: some sociological perspectives* (Chandler Publishing Co., San Francisco).  
 Berger, P. L., *Invitation to sociology* (Pelican).

## Text-books:

- Brown, J. A. C., *The social psychology of industry* (Pelican).  
 Whyte, W. F., *Men at work* (Irwin-Dorsey).  
 Presthus, R., *The organizational society* (Knopf).

## Reference books:

- Gouldner, A., *Wildcat strike* (Antioch College Press).  
 Homans, G. C., *The human group* (Routledge and Kegan Paul).  
 Jaques, E., *The changing culture of a factory* (Tavistock).  
 Katz, D., and Kahn, R. L., *The social psychology of organizations* (Wiley).  
 Landsberger, H. A., *Hawthorne revisited* (N.Y. State School of Industrial and Labour Relations).  
 Mann, F. C., and Hoffman, L. R., *Automation and the worker* (Holt).  
 Roethlisberger, F. J., and Dickson, W. J., *Management and the worker* (Wiley).  
 Sayles, L., *Behaviour of industrial work groups* (Wiley).  
 Walker, C. R., and Guest, R. H., *The man on the assembly line* (Harvard U.P.).  
 Walker, C. R., and Turner, A. N., *The foreman on the assembly line* (Harvard U.P.).  
 Warner, W. L., and Low, J. C., *The social system of the modern factory* (Yale U.P.).  
 Whyte, W. F., *Pattern for industrial peace* (Harper).  
 Woodward, J., *Management and technology* (H.M.S.O.).

## COURSES FOR THE DEGREE OF M.B.M.

## EC00. Accounting (Business Management).

The course is offered annually for students proceeding to the degree of Master of Business Management and for such other students as the Professor of Commerce may approve. Economics I, if not already passed, must be taken concurrently.

Students take the full course Management Accounting (EC02), and in addition one lecture per week, plus tutorial sessions as arranged, during first and second terms. Written assignments will be set throughout the year.

Syllabus: As for Management Accounting (EC02), and in addition: The double-entry framework and the recording of business transactions; preparation of accounting reports; analysis and interpretation of accounting reports.

## Text-books:

- As listed under Management Accounting (EC02) and in addition:  
 Anthony, R. N., *Essentials of accounting* (Addison Wesley).  
 University of Melbourne, *Accountancy exercises, first year*, revised edition (Melbourne University Press).

## Reference books:

- As listed under Management Accounting (EC02).

**EC10. Investment Planning and Business Finance.**

This course deals with certain sections of the Accounting (Business Management) course not covered in Engineering Management, *viz.* investment planning and control, business finance and the cost of capital, and is normally available as a separate unit only to engineering students or graduates proceeding to the M.B.M. degree. It involves attendance at one lecture a week, with tutorial sessions as arranged.

## Reference books:

- Bennett, J. W., and others, *Topics in business finance and accounting* (Cheshire).  
 Hirst, R. R., and Wallace, R. H., (eds.), *Studies in the Australian capital market* (Cheshire).  
 Weston, J. F., *Managerial finance* (Holt, Rinehart and Winston).  
 Bierman, H., and Smidt, S., *The capital budgeting decision* (Macmillan).  
 Williams, B. R., and Scott, W. P., *Investment proposals and decisions* (Allen and Unwin).

**EC20. Social and Political Institutions and Thought.**

(a) POLITICAL INSTITUTIONS IN AUSTRALIA—Federation and the Australian constitution, Australian parliaments, Australian cabinets and the executive branch of government, Australian political parties, public opinion and pressure groups in Australia, elections and political campaigns in Australia.

## Reference books:

- Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).  
 Miller, J. D. B., *Australian government and politics* (Duckworth).  
 Davis, S. R. (ed.), *The government of the Australian States* (Longmans).

(b) SOCIAL VALUES AND ECONOMIC ORGANIZATION—social objectives and the welfare state, the role of government, social balance between the public and private sectors of the economy, the nature of modern capitalism, the modern corporation, control measures in a capitalist society, the socialist alternative.

## Reference books:

- Galbraith, J. K., *American capitalism* (Hamilton).  
 Galbraith, J. K., *The new industrial state* (Hamilton).  
 Berle, A. A., and Means, G. C., *The modern corporation and private property* (Macmillan).  
 Mason, E. S., *The corporation in modern society* (Harvard).  
 Schumpeter, J. A., *Capitalism, socialism and democracy* (Harper).

(c) AUSTRALIA IN WORLD AFFAIRS—the basis of Australian foreign policy, Australia's external alliance system, Australian trusteeship in New Guinea, nuclear defence, the economic problems of under-developed countries in the S.E. Asian area, the place of trade and foreign aid in their programmes, Australia's trade and aid policies.

## Reference books:

- Levi, W., *Australia's outlook in Asia* (Angus and Robertson).  
 Casey, R. G., *Friends and neighbours* (Michigan U.P.).  
 Bettison, D. G. (ed.), *The independence of Papua-New Guinea* (Angus and Robertson).  
 Nurkse, R., *Problems of capital formation in under-developed countries* (Blackwell).  
 Rostow, W. W., *Stages of economic growth* (C.U.P.).

**EC30. Economic Institutions and Policy.**

The structure of the Australian economy—the structure of agricultural, industrial, labour and capital markets. Economic policy objectives, and weapons of economic policy—monetary, fiscal, wages and trade.



## Reference books:

- Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).  
 Australia. Economic Enquiry, Committee of, *Report of the Committee of Economic Enquiry* (Vernon Report) (Government Printer, Canberra).  
 Tew, B., *Wealth and income* (M.U.P.).  
 Hunter, A. (ed.), *The economics of Australian industry* (M.U.P.).  
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).  
 Arndt, H. W., and Corden, M. (eds.), *The Australian economy* (Cheshire).  
 Arndt, H. W., *The Australian trading banks* (Cheshire).  
 Musgrave, R. A., *Theory of public finance* (McGraw-Hill).  
 Simons, H., *Personal income taxation* (Chicago U.P.).  
 Downing R. I., and others, *Taxation in Australia: agenda for reform* (M.U.P.).

## EC40. Human Relations.

(a) HUMAN BEHAVIOUR IN AN ORGANIZATIONAL SETTING — individual differences and group similarities, the formal and informal characteristics of organizations, the structure and content of human relationships within the organizational framework, factors influencing motivation, and the sources and effects of conflict. Application of this knowledge to case problems.

## Preliminary reading:

- Brown, J. A. C., *The social psychology of industry* (Penguin).  
 Whyte, W. F., *Men at work* (Dorsey).

## Text-books:

- Litterer, J. A., *The analysis of organizations* (Wiley).  
 Lawrence, P. R., and others, *Organizational behaviour and administration* (Irwin Dorsey).

## Reference books:

- Katz, D., and Kahn, R. L., *The social psychology of organizations* (Wiley).  
 Argyris, C., *Personality and organization* (Harper and Row).  
 March, J. G., and Simon, H. A., *Organizations* (Wiley).  
 Simon, H. A., *Administrative behaviour*, revised edition (Free Press).  
 Brown, W. B. D., *Exploration in management* (Pelican).  
 Homans, G. C., *The human group* (Routledge and Kegan Paul).  
 Roethlisberger, F. J., and Dickson, W. J., *Management and the worker* (Wiley).  
 Maier, N. R. F., *Principles of human relations* (Wiley).  
 Klein, J., *The study of groups* (Routledge).

(b) SOME TOPICS IN INDUSTRIAL RELATIONS — industrial conflict, joint consultation, money and motivation.

## Reference books:

- Kornhauser, A., and others, *Industrial conflict* (McGraw-Hill).  
 Jaques, E., *The changing culture of a factory* (Tavistock).  
 Zalesnik, A., and others, *The motivation productivity and satisfaction of workers: a prediction study* (Boston).  
 Blau, P. M., and Scott, W. R., *Formal organizations* (Routledge and Kegan Paul).  
 Rubenstein, A. H., and Haberstroh, C. J., *Some theories of organization* (Irwin).  
 Gouldner, A. W., *Patterns of industrial bureaucracy* (Free Press).

**EC50. Economic and Accounting Analysis.**

Market environment and its relation to the internal policies of the firm. Problems of cost and demand analysis for single and multi-product firms; output, product mix and pricing policies under conditions of uncertainty. Investment planning and the cost of capital. Cost concepts and their relation to different managerial decisions.

## Text-books:

Dean, J., *Managerial economics* (Prentice-Hall).

Harlan, N. E., Christenson, C., and Vancil, R., *Managerial economics text and cases* (Irwin).

## Reference books:

Caves, R. E., *American industry; structure, conduct, performance*, 2nd edition (Prentice-Hall).

Bain, J. S., *Barriers to new competition* (Harvard U.P.).

Due, J. F., and Clower, R. W., *Intermediate economic analysis* (Irwin).

Solomon, E., *Theory of financial management* (Columbia U.P.).

Kaplan, A. D. H., and others, *Pricing in big business* (Brookings Inst.).

Tse, J., *Profit planning through volume-cost analysis* (Macmillan).

Johnston, J., *Statistical cost analysis* (McGraw-Hill).

Beranek, W., *Analysis for financial decisions* (Irwin).

Bierman, H., *Topics in cost accounting and decisions* (McGraw-Hill).

Singer, E., *Antitrust economics* (Prentice-Hall).

**EC60. Business Statistics.**

Analysis of probabilistic processes, decision-making under uncertainty, mathematical programming. Analysis of production and marketing situations.

## Text-books:

Schlaifer, R. O., *Probability and statistics for business decisions* (McGraw-Hill).

Llewellyn, R., *Linear programming* (Holt, Rinehart and Winston).

Hadley, G., and Whitin, T. M., *Analysis of inventory systems* (Prentice-Hall).

## Reference books:

Bowman, E. H., and Fetter, R. B., *Analysis for production management* (Irwin).

Hadley, G., *Nonlinear and dynamic programming* (Addison-Wesley).

Hadley, G., *Introduction to probability and statistical decision theory* (Holden-Day).

Kemeny, J. G. and others, *Finite mathematics with business applications* (Prentice-Hall).

Nemhauser, G. L., *Introduction to dynamic programming* (Wiley).

Starr, M. K., and Miller, D. W., *Inventory control; theory and practice* (Prentice-Hall).

**EC70. Decision-Making.**

Cases in business policy, pricing, investment planning, finance, production cost control, marketing, and labour relations.

## Text-books:

Harlan, N. E., Christenson, C., and Vancil, R., *Managerial economics: text and cases* (Irwin).

Hunt, P., and others, *Basic business finance, text and cases* (Irwin).

Craig, H. F., *Australian case studies in business administration* (Law Book Co.).

Mantel, S. J., *Cases in managerial decisions* (Prentice-Hall).

Additional references will be prescribed by the lecturers in all courses throughout the year.

## FACULTY OF ENGINEERING

### SYLLABUS NUMBERS

The first letter identifies the Faculty of Engineering: N.

The second letter identifies the Department teaching the subject, as follows:

Chemical Engineering ... H	Electrical Engineering ... E
Civil Engineering ... C	Mechanical Engineering ... M

X indicates that two or more Departments are responsible for the subject.

The first digit

0-5: indicates that the subject forms part of a sequence.

6-9: indicates that the subject does not form part of a sequence.

The second digit

1-6: indicates year of subject, e.g. first, second, etc.

[7-8: not used.]

9: indicates subject available to Honours students only.

## CHEMICAL ENGINEERING COURSE (OLD).

### FIFTH YEAR

(To be offered for the last time in 1969.)

#### NH05. Process Engineering IIIA: Unit Operations II.

Pre-requisite subject: Process Engineering IIA.

**LECTURES:** Four hours a week for two terms devoted to applications of transport theory and of fluid and particle mechanics in the unit operations of chemical engineering.

**TUTORIALS:** Three hours a week for two terms. Problems studied are of a practical nature, but involve the application of fundamental principles rather than the use of handbooks.

**PRACTICAL WORK:** Three hours a week for two terms; a series of illustrative experiments based on the lecture course.

Reference books:

Foust, A. S., *Principles of unit operations* (Wiley).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill).

Coulson, J. M., and Richardson, J. T., *Chemical engineering*, 2 vols. (Vol. I, 2nd edition) (Pergamon Press).

Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).

McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).

Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation*, 4th edition (McGraw-Hill).

Treybal, R. E., *Liquid extraction* (McGraw-Hill).

Sherwood, T. K., and Pigford, R. L., *Absorption and extraction* (McGraw-Hill).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill).

Rohsenow, W. M., and Choi, H., *Heat, mass, and momentum transfer* (Prentice-Hall).

Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley).

Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill).

Bennett, C. O., and Myers, J. E., *Momentum, heat, and mass transfer* (McGraw-Hill).

#### NH75. Process Engineering IIB: Unit Processes II.

LECTURES: Four hours a week for the first two terms, divided as follows: two hours to process control, one hour to advanced kinetics and/or thermodynamics, and one hour to materials science.

TUTORIALS: Two hours a week for two terms, divided between process control and kinetics.

SEMINAR: Three hours a week for two terms.

PRACTICAL WORK: Three hours a week for two terms in the advanced process control laboratory.

Reference books:

To be advised.

#### NH85. Process Engineering IIC: Industrial Economics.

LECTURES: Two lectures a week for two terms dealing, generally, with the allocation of scarce economic resources between a number of competing ends. More specifically the lectures will deal with the effective allocation of land, labour, capital and enterprise during all phases of the development and operation of a chemical manufacturing enterprise.

The treatment will include research, patents, market analysis, plant location, process development, pre-investment estimation, capital investment evaluation, selection and purchase of labour and equipment, construction planning and control, production planning and control, cost planning and control, basic management principles, industrial safety and a general treatment of the structure of industry.

Reference Books:

Buchanan, R. H., and Sinclair, C. G., *Costs and economics of the Australian process industries* (West, 1964).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill).

Schweyer, H. E., *Process engineering economics* (McGraw-Hill).

Grant, E. L., and Ireson, W. G., *Principles of engineering economy* (Ronald Press).

#### NH95. Process Engineering IID: Plant Design.

Pre-requisite subjects: Process Engineering IIIA, IIIB and IIIC.

This project occupies 250 to 300 hours of full-time work during the months of September/November after the normal Departmental examinations. It involves the economic comparison of alternative processes for the manufacture of a nominated chemical product, the study of a selected process, calculation of material and energy balances, preparation of flow sheets, design of selected plant items, estimation of plant cost, preparation of a design report, and drawing of plant lay-out.

Reference books:

Vilbrandt, F. C., and Dryden, C. E., *Chemical engineering plant design*, 4th edition (McGraw-Hill).

Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).

Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley).

Ludwig, E. E., *Applied process design for chemical and petrochemical plants*, vols. 1-3 (Gulf).

Cremer, H. W. (ed.), *Chemical engineering practice*, vol. 1 (General), vol. 9 (Design and Construction), vol. 11 (Works Design, etc.) (Butterworth).

Jeffreys, G. V., *A problem in chemical engineering plant design—the manufacture of acetic anhydride* (Institution of Chemical Engineers).

- Buchanan, R. H., and Sinclair, C. G., *Costs and economics of the Australian process industries* (West, 1964, with 1966 supplement).  
 Kern, D. Q., *Process heat transfer* (McGraw-Hill).  
 Clarke, L., and Davidson, R. L., *Manual for process engineering calculations*, 2nd edition (McGraw-Hill).  
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, vol. 1, 2nd edition (Wiley).  
 Faith, W. L., Keyes, D. B., and Clark, R. L., *Industrial chemicals*, 3rd edition (Wiley).  
 Lyle, O., *The efficient use of steam* (H.M.S.O.).

## CHEMICAL ENGINEERING COURSE (NEW)

### FIRST YEAR

SM01. Mathematics I.

SP01. Physics I.

SC01. Chemistry I.

For syllabuses see under Faculty of Science.

NX01. Engineering I.

#### 1. STATICS.

Resultant of coplanar forces and spatial force and couple systems. Conditions of equilibrium. Vectorial representation. Solution of pinjointed frames. Transverse and axial loadings. Bending moment and shear force diagram. Centroid, centre of pressure. Moments and products of inertia and related theorems. Elements of hydrostatics. Virtual work.

#### 2. DYNAMICS.

Dynamics of particles. Rectilinear and angular motion—uniform and variable acceleration. Curvilinear motion—acceleration components. Work, power, energy, momentum. Motion relative to moving axes. Conservation of energy and momentum, action of steady and impulsive forces and couples. Extension to dynamics of rigid bodies. Power transmission. Vibration.

#### 3. GRAPHICS.

Projections (first and third angle).

Pictorial representation of data. Graphical mathematics (addition, subtraction, multiplication, division).

Graphical integration, differentiation, applications, functional scales, slide rule, adjacent charts, network charts, nomography.

#### 4. ENGINEERING DRAWING.

Pictorial representation (dimetric, trimetric, isometric and perspective). Sketching. Drawing means of communication. Geometry of manufacturing processes. Functional dimensioning. Limits and fits, interchangeable assemblies. Standards and standardisation. Introduction to mechanical design.

#### 5. GENERAL ENGINEERING.

A series of lectures on the broad scope of Engineering including its historical background and sociological implications.

Students are given an opportunity during the course of inspecting the facilities and learning something of the research objectives of the Engineering Department of the University.

#### Text-books:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* 2nd edition (John Wiley).

S.A.A., CZ1 *Engineering Drawing Practice*.

B.S.S., 1916 Part I, *Limits and Fits for Engineering*.  
 1916 Part II, *Guide to the Selection of Fits*.

Meriam, J. L., *Statics* (Wiley).

Meriam, J. L., *Dynamics* (Wiley).

## SECOND YEAR.

## SM12. Applied Mathematics II.

## SC02. Physical and Inorganic Chemistry II.

For syllabuses see under Faculty of Science.

## NX02. Engineering III.

Pre-requisite subjects: All first-year subjects.

Engineering III is made up of parts 6, 7 and 11 of Engineering II and III. Refer Schedule 9(b).

## 6. ELECTRICAL CIRCUITS AND MACHINES.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The lecture course comprises:

(a) One lecture a week for one term devoted to network theory, including transient and steady state analysis of simple networks, network theorems, and the solution of three-phase networks.

(b) One lecture a week for one term devoted to self and mutual inductance and coupled coils, magnetic circuits and the calculation of m.m.f., transformers, direct current motors and generators.

(c) One lecture a week for one term devoted to synchronous motors and generators, single phase and three-phase induction motors, and machine characteristics.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 7. ELECTRONICS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week laboratory work for one term.

The lecture course comprises:

Vacuum and semi-conductor devices, their characteristics, and equivalent circuits. Rectifier circuits. Single stage amplifiers. RC-, transformer-, and LC-coupled amplifiers. Class A, AB and B push-pull amplifiers. Direct coupled and feedback amplifiers. Controlled rectifiers.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Lowenberg, E. C., *Theory and problems of electronic circuits* (Schaum).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 11. STOICHIOMETRY.

One lecture and one three-hour tutorial per week covering an introduction to Chemical Engineering apparatus, equilibrium stage operations, mass and energy balances, and general Chemical Engineering calculations.

Text-book:

To be announced.

## Reference books:

- Foust, A. S., *Principles of unit operations* (Wiley).  
 Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill).  
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill).  
 Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press).  
 Brown, G. C., *Unit operations* (Wiley).  
 Riegel, E. R., *Chemical machinery* (Reinhold).  
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill).  
 Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill).

## THIRD YEAR

## NH13. Chemical Engineering IIA.

Pre-requisite subject: Engineering III.

**LECTURES:** Three hours per week throughout the year dealing with the general theory of molecular and turbulent transport of properties, fluid mechanics, heat transfer processes and mechanical processes.

**TUTORIALS:** Three hours per week throughout the year devoted to problems designed to illustrate the practical applications of the theory covered in lectures.

**LABORATORY WORK:** Three hours per week throughout the year on quantitative laboratory work designed to illustrate the principles of transport theory and fluid mechanics as applied to unit operations.

## Text-books:

- Holman, J. P., *Heat transfer*, 2nd edition (McGraw-Hill).  
 Daily, J. W., and Harleman, D. R. F., *Fluid dynamics* (Addison-Wesley).

## Reference books:

- Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).  
 Foust, A. S., *Principles of unit operations* (Wiley).  
 Coulson, J. M., and Richardson, J. F., *Chemical engineering*, 2 vols. (vol. 1, 2nd edition) (Pergamon Press).  
 Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley).

## NH23. Chemical Engineering IIB.

Pre-requisite subjects: Physical and Inorganic Chemistry II and Applied Mathematics II.

This subject is divided into three parts:

## (a) THERMODYNAMICS AND KINETICS.

**LECTURES:** Two lectures a week throughout the year devoted to the application of thermodynamic and kinetic principles to large-scale chemical change comprising:

- (i) Application of thermodynamics to phase and chemical equilibria.
- (ii) Estimation of thermodynamic functions and the use of thermodynamic charts.
- (iii) Basic statistical kinetics and reaction mechanisms.
- (iv) Process design of chemical reactors.
- (v) Economic optimisation of chemical change.
- (vi) Other general topics including refrigeration, fuels and vapour-power plant.

**TUTORIALS:** Three hours a week for two terms devoted to problems designed to illustrate the practical applications of the theory covered in lectures.

**Text-books:**

Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics*, 2nd edition (McGraw-Hill).

Levenspiel, O. L., *Chemical reaction engineering* (Wiley).

**Reference books:**

Denbigh, K., *Principles of chemical equilibrium*, 2nd edition (C.U.P.).

Denbigh, K., *Chemical reactor theory* (C.U.P.).

Reid, R. C., and Sherwood, T. K., *The properties of gases and liquids* 2nd edition (McGraw-Hill).

Walas, S. M., *Reaction kinetics for chemical engineers* (McGraw-Hill).

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Part II, 2nd edition (Wiley).

#### (b) PROCESS CONTROL.

**LECTURES:** One lecture a week throughout the year devoted to industrial instrumentation and an introduction to process control.

**TUTORIALS:** One hour a week.

**LABORATORY WORK:** Three hours a week throughout the year to illustrate principles of instrumentation and control raised in the lectures.

**Text-book:**

Harriott, P., *Process control* (McGraw-Hill).

**Reference books:**

Considine, D. M., and Ross, S. D. (eds.), *Handbook of applied instrumentation* (McGraw-Hill).

Considine, D. M., *Process instruments and controls handbook* (McGraw-Hill).

#### (c) SEMINAR.

Three hours a week in first and second terms. Each student is required to submit an essay at the end of first term and present it at a seminar in second term.

### NX03. Engineering IIIH.

Engineering IIIH is made up of parts (1, 4 and 10) or (1, 4 and 12) or (10 and 12) of Engineering II and III. Refer Schedule 9(b).

#### 1. STRESS ANALYSIS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stresses and strains, normal and shearing. Equilibrium, compatibility. Stress-strain relationships; mechanical properties of materials. Thin-walled cylinders. Torsion of round shafts. Beams; stresses, deflections. Statically indeterminate beams. Columns-buckling. Combined stresses; failure theories. Stress concentrations. Thick-walled cylinders. Experimental stress analysis.

**Text-books:**

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Seely, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

#### 4. MACHINE DESIGN.

A short course of 27 lectures and of 81 hours' drawing-office work in the fundamentals of design of machine elements and power transmission systems.

**Text-book:**

Faires, V. M., *Design of machine elements* (Macmillan).



## 10. MATERIALS SCIENCE.

The course consists of two lectures and three hours laboratory work a week throughout the year.

It covers the following topics: Atomic bonding. Atomic arrangements: molecular structures, crystal structures, non-crystalline (amorphous) structures. Structural imperfections and atom movements: impure phases, crystal imperfections, atom movements. Metallic phases and their properties: single-phase metals, multi-phase metals and equilibrium relationships. Organic materials and their properties: polymer chemistry, molecular architecture. Ceramic phases and their properties. Deformation of single crystals: slip, twinning, dislocations. Iron-carbon system. Modifications of properties through changes in micro-structure: heat treatment of steel, alloy steels. Mechanical properties including toughness, fatigue, creep. Stability of materials in service environments: corrosion, oxidation, thermal stability, radiation damage. Composite materials. Fabrication. Nuclear Metallurgy.

## Text-book:

Moffatt, W. G. (ed.), *The structure and properties of materials*, vols. I-III (Wiley).

## Reference books:

- Billmeyer, F. W., *Textbook of polymer science* (Wiley).  
 Guy, A. G., *Elements of physical metallurgy* (Addison-Wesley).  
 Kingery, W. D., *Introduction to ceramics* (Wiley).  
 Samans, C. H., *Metallic materials in engineering* (Macmillan).  
 Uhlig, H. H., *Corrosion and corrosion control* (Wiley).  
 Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

## 12. MATHEMATICS III (ENGINEERING).

Pre-requisite to this part: a pass in Applied Mathematics II (SM12) at Division I or higher standard.

Vectors and tensors; numerical analysis; operations research.

## Text-books:

- Spiegel, M. R., *Vector analysis* (Schaum).  
 Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

## Reference books:

- Rutherford, D. E., *Vector methods* (Oliver and Boyd).  
 Spain, B., *Tensor calculus* (Oliver and Boyd).  
 Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).  
 National Physical Laboratory, Mathematics Division, *Modern computing methods* (H.M.S.O.).  
 Berge, C., and Ghouila-Houri, A., *Programming, games and transportation networks* (Wiley).  
 Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).  
 Saaty, T. L., *Mathematical models of operational research* (McGraw-Hill).  
 Spivey, W. A., *Linear programming: an introduction* (Macmillan).  
 Crandall, S. H., *Engineering analysis* (McGraw-Hill).

## CIVIL ENGINEERING COURSE (OLD)

## FIFTH YEAR

(To be offered for the last time in 1969.)

## NC05. Civil Engineering IIA (Old Course).

Pre-requisite subjects: Surveying A, Civil Engineering I (Old Course), Hydraulics A, and either Mathematics II (Engineering) or Applied Mathematics II.

A course of about 80 lectures dealing with soil mechanics, surveying, and hydraulics.

Two sessions a week are required for practical work and seminars, each of three hours.

## Text-books:

Clark, D., *Plane and geodetic surveying for engineers*, Vols. I and II (Constable).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

*The Star almanac for land surveyors* for the current year (H.M.S.O.).

## Reference books:

Rouse, H., *Engineering hydraulics* (Wiley).

Streeter, V. L., *Handbook of fluid dynamics* (McGraw-Hill).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

Terzaghi, K., *Theoretical soil mechanics* (Chapman and Hall).

Wu, T. H., *Soil mechanics* (Allyn and Bacon).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

Clendinning, J., and Olliver, J. G., *The principles of surveying*, 3rd edition (Blackie).

Great Britain: War Office, *Text book of field astronomy*, revised by Biddle, C.A. (H.M.S.O., 1958).

Rainsford, H. F., *Survey adjustments and least squares* (Constable).

Jenkins, R. B. M., *Curve surveying* (Cleaver-Hume).

Vega, G. von, *Logarithmic tables* (van Nostrand).

## NC15. Civil Engineering IIB (Old Course).

Pre-requisite subjects: Civil Engineering I (Old Course), and either Mathematics II (Engineering) or Applied Mathematics II.

A course of about 80 lectures dealing with the theory and design of structures.

Students must undertake the design of selected engineering projects and will be required to attend seminars.

## Text-books:

Grinter, L. E., *Theory of modern steel structures*, Vol. II (Macmillan).

Hoff, N. J., *The analysis of structures* (Wiley).

Hall, A. S., and Woodhead, R. W., *Frame analysis* (Wiley).

Neal, B. G., *The plastic methods of structural analysis*, 2nd edition (Wiley).

## NC75. Civil Engineering IIC.

Students will be required to submit a report on a project of an experimental nature conducted during the year.

This subject must be taken concurrently with Civil Engineering IIA (Old Course).

## NC85. Survey Camp (Second).

This camp is for Civil Engineering students who normally attend in the final year of the course.

The camp is of about three weeks' duration, and is held during a vacation. Quarters and stretchers are provided, but students must arrange for their own transportation and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students carry out more advanced exercises in surveying. Field note books together with all necessary computations and plans must be submitted and approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the term following the camp.

## CIVIL ENGINEERING COURSE (NEW)

## FIRST YEAR

SM01. Mathematics I.

SP01. Physics I.

SG01. Geology I.

For syllabuses see under Faculty of Science.

NX01. Engineering I.

For syllabus see under CHEMICAL ENGINEERING COURSE (NEW),  
FIRST YEAR.

## SECOND YEAR

SM12. Applied Mathematics II.

For syllabus see under Faculty of Science.

NC02. Civil Engineering I.

Pre-requisite subjects: Mathematics I, Engineering I.

The course consists of four lectures a week and is an introductory course in stress analysis, structural analysis, design of structural elements and in surveying. Six hours a week for two terms, nine hours a week for one term will be occupied by laboratory, drawing office and field exercises. In addition, a field camp extending over two weeks is held in the long vacation.

## Text-books:

Bannister, A., and Raymond, S., *Surveying*, 2nd edition (Pitman).

Seely, F. B., and Smith, J. O., *Resistance of materials*, 4th edition (Wiley).

Bresler, B., and Lin, T. Y., *Design of steel structures* (Wiley).

## Reference books:

Jenkins, R. B. M., *Curve surveying* (Cleaver-Hume).

Drucker, D. C., *Introduction to mechanics of deformable bodies* (McGraw-Hill).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

Students should provide themselves with six- or seven-figure logarithmic tables, such as *Chamber's Shorter six-figure mathematical tables*, or *Chamber's Seven-figure mathematical tables*.

## NX12. Engineering IIC.

Pre-requisite subjects: Mathematics I, Physics I, a knowledge of matriculation Chemistry will be assumed.

Engineering IIC is made up of parts 6, 7 and 9 of Engineering II and III. Refer Schedule 9(b).

## 6. ELECTRICAL CIRCUITS AND MACHINES.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The lecture course comprises:

(a) One lecture a week for one term devoted to network theory, including transient and steady state analysis of simple networks, network theorems, and the solution of three-phase networks.

(b) One lecture a week for one term devoted to self and mutual inductance and coupled coils, magnetic circuits and the calculation of m.m.f., transformers, direct current motors and generators.

(c) One lecture a week for one term devoted to synchronous motors and generators, single phase and three-phase induction motors, and machine characteristics.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 7. ELECTRONICS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week laboratory work for one term.

The lecture course comprises:

Vacuum and semi-conductor devices, their characteristics, and equivalent circuits. Rectifier circuits. Single stage amplifiers. RC-, transformer-, and LC-coupled amplifiers. Class A, AB and B push-pull amplifiers. Direct coupled and feedback amplifiers. Controlled rectifiers.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Lowenberg, E. C., *Theory and problems of electronic circuits* (Schaum).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 9. ENGINEERING MATERIALS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stress strain behaviour in the real and idealised state; atomic bonding and packing; crystal structure; X-rays; the formation of polycrystalline materials; structure and properties of ceramics; equilibrium and non-equilibrium phase reactions; heat treatment; metallography and selection of steels, aluminium alloys and copper alloys; deformation and failure of crystalline materials; corrosion; the structure, properties and applications of polymeric materials.

## Text-book:

- Moffat, W. G. (ed.), *The structure and properties of materials*, vols. I-III (Wiley); or  
 Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

## Reference books:

- Barrett, C. S., *Structure of metals*, 3rd edition (McGraw-Hill).  
 Cullity, B. D., *Elements of X-ray diffraction* (Addison-Wesley).  
 Polakowski, N. H., and Ripling, E. J., *Strength and structure of engineering materials* (Prentice-Hall).  
 Weertman, J., and Weertman, J. R., *Elementary dislocation theory* (Macmillan).  
 Van Vlack, L. H., *Physical ceramics for engineers* (Addison-Wesley).

## THIRD YEAR.

## NC03. Civil Engineering IIA (New Course).

Pre-requisite subjects: Applied Mathematics II, Engineering I, Engineering IIC.

This course consists of three lectures and six hours' practical or tutorial work a week throughout the year, and is designed for students intending to complete a degree in Civil Engineering to cover the topics of Hydraulics and Instrumentation.

## HYDRAULICS.

LECTURES: Fluid properties and the nature of fluid motion — steady, unsteady, uniform, non-uniform, rotational and irrotational. Fundamental laws of fluid motion, potential flow; stream line plotting; equation of motion for inviscid (Euler) and real fluids (Navier-Stokes), the equation of continuity in general form for compressible and incompressible flow; dimensional analysis and dimensionless groups; study of flow in closed conduits — pipelines, networks, steady and unsteady flow, water hammer and pendulation, surge-tank analysis; flow in open channels; flow through porous media, fluid forces on a body in a free stream; elements of boundary layer theory; theory of similitude applied to hydraulic and aerodynamic model studies of hydraulic structures, vortex behaviour; performance of pumps and turbines with their characteristics influencing their selection for particular applications; hydraulic measurements — pressure, velocity, discharge, depth, orifices, weirs, etc.; cavitation of hydraulic structures. Hydrology and water supply.

PRACTICAL: Experimental work in the laboratory and field occupies about two-thirds of the time and the balance is spent in the design office.

## INSTRUMENTATION.

LECTURES. Elements of system engineering applied to instrumentation and data collection and recording; physical measurements, detailed examination of transducers for engineering measurements of strain displacement, pressure, velocity, acceleration, flow discharge, time, temperature and radio activity; input circuits and signal processing facilities; elements of suitable electronic circuits (amplifiers, oscillators, counting and triggering circuits, filters, etc.); recording media chart, magnetic tape (F.M., digital), C.R.O.; analogue—digital conversion; digital transducers, digital data handling and recording techniques for computer entry; specialized measurement procedures, high speed photography (single shot and cine), radio isotope tagging procedures.

PRACTICAL. Laboratory experiments, demonstrations, design seminars and field exercises are intended to illustrate the application of the lecture subject matter.

## Text-books:

- Rouse, H. (ed.), *Engineering hydraulics* (Wiley); or  
 Vennard, J. K., *Elementary fluid mechanics*, 4th edition (Wiley); or  
 Streeter, V. L., *Fluid mechanics* (McGraw-Hill).

## Reference books:

- Rouse, H., and Ince, S., *History of hydraulics* (Iowa Institute of Hydraulics).  
 Jaeger, C., *Engineering fluid mechanics* (Blackie).  
 Prandtl, L., *Essentials of fluid dynamics* (Blackie).  
 Francis, J. R. D., *A text-book of fluid mechanics* (Arnold).  
 Vallentine, H. R., *Applied hydrodynamics* (Butterworth).  
 Chow, V. T., *Open channel hydraulics* (McGraw-Hill).  
 Norrie, D. H., *An introduction to incompressible flow machines* (Arnold).  
 Partridge, G. R., *Principles of electronic instruments and instrumentation* (Pitman).  
 Studer, J. J., *Electronic circuits and instrumentation systems* (Wiley).  
 Prensky, S. D., *Electronic instrumentation* (Prentice-Hall).  
 Susskind, A. K., *Notes on analogue-digital conversion techniques* (Wiley).

## NC13. Civil Engineering IIB (New Course).

Pre-requisite subjects: Civil Engineering I, Applied Mathematics II.

This course consists of three lectures, one tutorial and five hours' practical work a week throughout the year and is designed for students intending to complete a degree in Civil Engineering.

**LECTURES:** The theory of statically determinate and indeterminate beams, triangulated frames and rigid frames, plastic design and cables; reinforced concrete and prestressed concrete; soil mechanics; the design of structures.

**PRACTICAL:** Design projects are carried out under supervision in the drawing office; laboratory work illustrates the subject matter of the lectures.

## Text-books:

- Rosenak, S., *Soil mechanics* (Batsford).  
 Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).  
 Pearson, R. G., *Timber engineering design handbook* (M.U.P.).  
 Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill); or  
 Timoshenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill).  
 Gaylord, E. H. and C. N., *Design of steel structures* (McGraw-Hill); or  
 Bresler, B., and Lin, T. Y., *Design of steel structures* (Wiley).  
 National Association of Australian State Road Authorities, *Highway bridge design specifications*, 3rd edition.  
 Standards Association of Australia:  
*Minimum design loads on buildings*, Interim 350.  
*Use of steel in structures*, C.A.1—1968.  
*Code for welding in building*, C.A.8, Part I—Manual Welding.  
*Code for concrete in building*, C.A.2—1963.  
*Code for prestressed concrete*, C.A.35—1963.

## Reference books:

- Wu, T. H., *Soil mechanics* (Allyn and Bacon).  
 Lin, T. Y., *Design of prestressed concrete structures* (Wiley).

## NX13. Engineering IIIC.

Pre-requisites: Applied Mathematics II, Civil Engineering I, Engineering IIC.

Engineering IIIC is made up of parts 3, 4 and either 12 or 13 of Engineering II and III. Refer Schedule 9(b).

## 3. THEORY OF MACHINES.

An introductory course of 27 lectures and 27 hours' of drawing-office exercises in kinematics and dynamics of machines.

## Text-book:

- Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (Wiley).

## 4. MACHINE DESIGN.

A short course of 27 lectures and of 81 hours' drawing-office work in the fundamentals of design of machine elements and power transmission systems.

Text-book:

Faires, V. M., *Design of machine elements* (Macmillan).

## 12. MATHEMATICS III (ENGINEERING).

Pre-requisite to this part: a pass in Applied Mathematics II (SM12) at Division I or higher standard.

Vectors and tensors; numerical analysis; operations research.

Text-books:

Spiegel, M. R., *Vector analysis* (Schaum).

Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

Reference books:

Rutherford, D. E., *Vector methods* (Oliver and Boyd).

Spain, B., *Tensor calculus* (Oliver and Boyd).

Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).

National Physical Laboratory, Mathematics Division, *Modern computing methods* (H.M.S.O.).

Berge, C., and Ghouila-Houri, A., *Programming, games and transportation networks* (Wiley).

Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).

Saaty, T. L., *Mathematical models of operational research* (McGraw-Hill).

Spivey, W. A., *Linear programming: an introduction* (Macmillan).

Crandall, S. H., *Engineering analysis* (McGraw-Hill).

OR

## 13. ECONOMICS (ENGINEERING).

Two lectures and one tutorial a week.

1. Introduction to the theory of value.

2. Introduction to the theory of outlay and employment.

Preliminary reading:

Drohan, N. T., and Day, J. H. (eds.), *Readings in Australian economics* (Cassell).

Australia, Economic Enquiry, Committee of. *Australian economic background*, from the *Report of the Committee* (Economic Standing Committee, Victorian Universities and Schools Examinations Board).

Galbraith, J. K., *The affluent society* (Penguin or Mentor).

Shackle, G. L. S., *Economics for pleasure* (C.U.P.) (paper-back).

Robinson, M. A., Morton, H. C., and Calderwood, J. C., *An introduction to economic reasoning* (Tudor) (Australian paper-back edition).

Robinson, J., *Economics: an awkward corner* (Allen and Unwin).

Text-books:

Leftwich, R. H., *The price system and resource allocation*, 3rd edition (Holt, Rinehart, Winston).

Brennan, M. J., *Theory of economic statics* (Prentice-Hall).

Downing, R. I., *National income and social accounts*, 9th (or later) edition (M.U.P.).

Haig, B. D., and McBurney, S. S., *The interpretation of national income estimates* (A.N.U. Press).

Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

Some students might find that one of the following provides useful supplementary reading for the initial stages of the course:

Fels, R., *The law of supply and demand: a programmed approach* (Allyn and Bacon); or

Entelek Incorporated, *Supply and demand* (and worksheets) (Macmillan).  
 or  
 Lumsden, K., and others, *Micro-economics: a programmed book* (Prentice-Hall).

Reference books:

Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicholson).  
 Samuelson, P. A., *Economics*, 4th, 5th or 6th edition (McGraw-Hill).  
 Stonier, A., and Hague, D. A., *A text-book of economic theory* (Longmans).  
 Stigler, G. J., *The theory of price*, 3rd edition (Macmillan).  
 Schneider, E., *Pricing and equilibrium* (Allen and Unwin).  
 Robinson, J., *Economics: an awkward corner* (Allen and Unwin).  
 Bilas, R. A., *Micro-economic theory: a graphical analysis* (McGraw-Hill).  
 Gisser, M., *Introduction to price theory* (International Textbook Company).  
 Allen, C. L., *Elementary mathematics of price theory* (Wadsworth).  
 Watson, D. S., *Price theory in action: a book of readings* (Houghton Mifflin).  
 Breit, W., and Hochman, H. M. (eds.), *Readings in microeconomics* (Holt, Rinehart and Winston).

Additional references will be prescribed by the lecturers.

## ELECTRICAL ENGINEERING COURSE (OLD)

### FIFTH YEAR

(To be offered for the last time in 1969.)

#### NE05. Electrical Engineering IIIA.

Pre-requisite subjects: Electrical Engineering II, Physics II.

Lectures: This course consists of five lectures a week throughout the year, covering the following topics:

Communication theory; switching theory; theory and design of digital systems, machine language programming of digital computers; engineering aspects of reliability; analogue and hybrid computers; advanced electronic devices and circuits; antennas and propagation; microwave engineering principles.

Text-books:

Collin, R. E., *Foundations for microwave engineering* (McGraw-Hill).  
 Hancock, J. C., *An introduction to the principles of communication theory* (McGraw-Hill).  
 Nashelsky, L., *Digital computer theory* (Wiley).

Reference books:

Bazovsky, I., *Reliability theory and practice* (Prentice-Hall).  
 Bennett, W. R., *Electrical noise* (McGraw-Hill).  
 Caldwell, S., *Switching circuits and logical design* (Wiley).  
 Dummer, G. W. A., and Griffin, N., *Electronic equipment reliability* (Pitman).  
 Ginzton, E. L., *Microwave measurements* (McGraw-Hill).  
 Hoernes, G. E., and Heilwel, M. F., *Introduction to boolean algebra and logic design* (McGraw-Hill).  
 Huskey, H. D., and Korn, G. A. (eds.), *Computer handbook* (McGraw-Hill).



International Telephone and Telegraph Corporation, *Reference data for radio engineers*.

Ledley, R. S., *Digital computer and control engineering* (McGraw-Hill).

Lindmayer, J., and Wrigley, C. Y., *Fundamentals of semi-conductors* (Van Nostrand).

Schwartz, M., *Information transmission, modulation and noise* (McGraw-Hill).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).

Booth, A. D., *Digital computers in action* (Pergamon).

Cluley, J. C., *Electronic computers* (Oliver and Boyd).

Richards, R. K., *Electronic digital components and circuits* (Van Nostrand).

Richards, R. K., *Electronic digital systems* (Wiley).

Rumpf, K. H., and Pulvers, M., *Transistor electronics* (Pergamon).

Additional references may be given during the course.

### NE15. Electrical Engineering IIIB.

Pre-requisite subjects: Electrical Engineering II, Physics II.

Lectures: This course consists of four lectures a week throughout the year covering the following topics: network synthesis; machine dynamics; power transmission systems; advanced control systems; acoustics; fundamentals of heat transfer.

Specialist Lectures: During the year students are required to attend specialist lectures given by practising engineers from industry and Government establishments.

Text-books:

Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).

Holman, J. P., *Heat transfer*, 2nd edition (McGraw-Hill).

Shinners, S. M., *Control system design* (Wiley).

Reference books:

Beranek, L. L., *Acoustics* (McGraw-Hill).

Crary, S. B., *Power system stability*, vols. I and II (Wiley).

Dorf, R. C., *Modern control systems* (Addison Wesley).

Elgerd, O. I., *Control systems theory* (McGraw-Hill).

Jevons, M., *Electrical machine theory* (Blackie).

Kimbark, E. W., *Power system stability*, vols. I, II and III (Wiley).

Kirchmayer, L. K., *Economic operations of power systems*, vol. I (Wiley).

Kuo, F. F., *Network analysis and synthesis* (Wiley).

Tuttle, D. F., *Electric networks, analysis and synthesis* (McGraw-Hill).

Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).

Westinghouse Electric Manufacturing Corporation, *Electrical transmission and distribution reference book*.

Venikov, V. A., *Transient phenomena in electrical power systems* (Pergamon).

Su, K. L., *Active network synthesis* (McGraw-Hill).

Hughes, W. L., *Nonlinear electrical networks* (Ronald Press).

Stagg, G. W., and Al-Abiad, Ahmed H., *Computer methods in power system analysis* (McGraw-Hill).

### NE25. Electrical Engineering IIIC.

Pre-requisite subjects: Electrical Engineering II, Physics II.

(a) Organisation and Management: One lecture a week throughout the year. The course gives an introduction to economic development, forms of business ownership, business finance, internal organisation, industrial engineering, quality control, plant location and layout, industrial relations and linear programming in business decision making.

## Text-book:

Bethel, L. L., and others, *Industrial Organisation and Management*, 4th edition (McGraw-Hill).

## Reference books:

Robertson, S. A., *Engineering management* (Blackie).

Buffa, E. S., *Modern production management* (Wiley).

Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

S.A. Laws, Statutes, etc., Companies Act, 1962.

Paish, F. W., *Business finance* (Pitman).

Albers, H. H., *Organised executive action* (Wiley).

Maynard, H. B., *Industrial engineering handbook* (McGraw-Hill).

Taylor, F. W., *Principles of scientific management* (Harpers).

Barnes, R. M., *Work sampling* (Wiley).

Juran, J. M., *Quality control handbook* (McGraw-Hill).

Ferguson, R. O., and Sargent, L. F., *Linear programming* (McGraw-Hill).

(b) Experimental Investigation and Seminar: Each candidate will be required to submit reports on one or more projects carried out during the year. This will involve theoretical surveys and the design, development and testing of equipment. The candidate will also be required to present the results of his investigation in the form of seminars.

## Reference books:

Candidates should consult the books listed under Section II of the Notes and Instructions to Candidates for the Degree of Doctor of Philosophy (see part IV of the Calendar).

## SIXTH YEAR

(To be offered for the last time in 1969.)

NOTE: A candidate who has qualified for the degree of Bachelor of Science, with majors in Physics and Applied Mathematics, and who, in addition, has passed in the subjects Workshop Practice and Graphics and all the subjects of the Alternative Fifth Year (*Calendar* for 1968, p. 890), may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subject:

## NE36. Electrical Engineering B.

Pre-requisite subject: Electrical Engineering A.

The course consists of material selected from the syllabuses of Electrical Engineering II and Electrical Engineering IIIA, Electrical Engineering IIIB and Electrical Engineering IIIC.

## ELECTRICAL ENGINEERING COURSE (NEW)

## FIRST YEAR

SM01. Mathematics I.

SP01. Physics I.

SC01. Chemistry I.

For syllabuses see under Faculty of Science.

NX01. Engineering I.

For syllabus see under CHEMICAL ENGINEERING COURSE (NEW), FIRST YEAR.

## SECOND YEAR

SM12. Applied Mathematics II.

SP02. Physics II.

For syllabuses see under Faculty of Science.

NE03. Electrical Engineering I.

Pre-requisite subjects: Physics I, Mathematics I.

Pre-requisite or concurrent subject: Applied Mathematics II.

Lectures: Three lectures a week throughout the year.

Energy Storage and Conversion: Physical aspects, energy and mechanical forces, energy balance in electromechanical energy conversion. Use of energy conversion and dynamic circuit theory principles for the analysis of rotating machines. Transformers.

Electronics: Electronic circuit elements; semi-conductor and vacuum diodes, transistors and vacuum triodes, tetrodes and pentodes; gas tubes; equivalent circuit and graphical analyses; amplifier principles and performance.

Network Theory: Kirchoff's Laws; free and forced response of networks; steady-state a.c. methods, resonance and the complex-frequency plane; mesh and nodal analysis, network theorems; magnetic coupling; polyphase systems; transform methods; four-terminal network parameters; impedance matching.

Tutorial: Two hours a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical topics.

Practical: Three hours practical a week throughout the year, comprising a series of experiments and exercises designed to support the subject matter of the lectures.

## Text-books:

Angelo, E. J., *Electronic circuits* (McGraw-Hill).Gourishankar, V., *Electromechanical energy conversion* (International Textbook Company).Hayt, W. H., and Kemmerly, J. E., *Engineering circuit analysis* (McGraw-Hill).

## Reference books:

Seely, S., *Electronic circuits* (Holt, Rinehart and Winston).Lowenberg, E. C., *Theory and problems of electronic circuits* (Schaum).Balabanian, N., *Fundamentals of circuit theory* (Allyn and Bacon).Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).Hammond, S. B., *Electrical engineering* (McGraw-Hill).Ryder, J. D., *Electronic fundamentals and applications* (Pitman).Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

## NE83. Vacation Course in Workshop Practice.

The course consists of two weeks full-time instruction in an approved engineering workshop during a vacation. The course deals with the basic machine-tools and processes with the aim of developing an understanding of fabrication techniques necessary to modern production processes.

## Text-book:

Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

## Reference books:

Sachs, G., *Fundamentals of the working of metals* (Pergamon).Degarmo, E. P., *Materials and processes in manufacturing* (Macmillan).Bolz, R. W., *Production processes: their influence on design*, Volumes I and II (Penton).

## THIRD YEAR.

## NE13. Electrical Engineering II.

Pre-requisite subjects: Electrical Engineering I, Applied Mathematics II.

Pre-requisite or concurrent subject: Physics II.

LECTURES: Four lectures a week throughout the year.

(a) An elementary treatment of transmission lines, plane waves, guided waves and radiation using circuit and field concepts where appropriate. An introduction to waveguides and microwave components.

(b) Steady state and transient analysis of rotating machines. Symmetrical components.

(c) A further development of amplifier theory, modulation, detection and feedback. Waveform analysis, generation and shaping. Elementary filter networks.

(d) An introductory course on linear feedback control systems with special emphasis on frequency response and root locus techniques.

TUTORIAL: Two hours a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical topics.

PRACTICAL: Practical work of six hours a week, comprising a series of experiments and exercises.

## Text-books:

Ramo, S., and others, *Fields and waves in communication electronics* (Wiley).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Ryder, J. D., *Electronic fundamentals and applications* (Pitman).

Shinners, S. M., *Control system design* (Wiley).

## Reference books:

Seely, S., *Electronic circuits* (Holt, Rinehart and Winston).

Dorf, R. C., *Modern control systems* (Addison Wesley).

Fano, R. M., Chu, L. J., and Adler, R. B., *Electromagnetic fields, energy and forces* (Wiley).

International Telephone and Telegraph Corporation, *Reference data for radio engineers*.

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Majmudar, H., *Electromechanical energy converters* (Allyn and Bacon).

Plonsey, R., and Collin, R. E., *Principles and applications of electromagnetic fields* (McGraw-Hill).

Kuo, T. I., *Linear networks and systems* (McGraw-Hill).

Smith, S. P., *Problems in electrical engineering* (Constable).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

Thaler, G. J., and Wilcox, M. L., *Electric machines* (Wiley).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Adler, R. B., Chu, L. J., and Fano, R. M., *Electromagnetic energy transmission and radiation* (Wiley).

Additional references may be given during the course.

## NX23. Engineering IIE.

Pre-requisites: Physics I, Mathematics I, Engineering I.

Engineering IIE is made up of parts 1 and 4 of Engineering II and III. Refer Schedule 9(b).

## 1. STRESS ANALYSIS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stresses and strains, normal and shearing. Equilibrium, compatibility. Stress-strain relationships; mechanical properties of materials. Thin-walled cylinders. Torsion of round shafts. Beams; stresses, deflections. Statically indeterminate beams. Columns-buckling. Combined stresses; failure theories. Stress concentrations. Thick-walled cylinders. Experimental stress analysis.

Text-books:

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Seely, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

#### 4. MACHINE DESIGN.

A short course of 27 lectures and of 81 hours' drawing-office work in the fundamentals of design of machine elements and power transmission systems.

Text-book:

Faires, V. M., *Design of machine elements* (Macmillan).

### EITHER

#### NX33. Engineering IIIE.

Pre-requisites: Physics I, Chemistry I, Applied Mathematics II at Division I or higher standard.

Engineering IIIE is made up of parts 5, 9 and 12 of Engineering II and III. Refer Schedule 9(b).

#### 5. THERMODYNAMICS AND FLUIDS.

An introductory course on heat transfer and fluid flow with special reference to heat rissipation in electrical equipment.

Text-books:

Holman, J. P., *Heat transfer*, 2nd edition (McGraw-Hill).

Duncan, W. J., *et al.*, *An elementary treatise on the mechanics of fluids* (Arnold).

#### 9. ENGINEERING MATERIALS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stress-strain behaviour in the real and idealised state; atomic bonding and packing; crystal structure; engineering applications of X-rays; the formation of single crystal and polycrystalline materials; equilibrium and non-equilibrium phase reactions; heat treatment; metallography and selection of steels; deformation and failure of crystalline materials; corrosion; the structure, properties and applications of polymeric materials.

Text-books:

Moffatt, W. G. (ed.), *The structure and properties of materials*, vols. I-III (Wiley).

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

Reference books:

Cullity, B. D., *Elements of X-ray diffraction* (Addison-Wesley).

Guy, A. G., *Elements of physical metallurgy* (Addison-Wesley).

Palin, G. R., *Plastics for engineers* (Pergamon).

Polakowski, N. H., and Ripling, E. J., *Strength and structure of engineering materials* (Prentice-Hall).

#### 12. MATHEMATICS III (ENGINEERING).

Pre-requisite to this part: a pass in Applied Mathematics II (SM12) at Division I or higher standard.

Vectors and tensors; numerical analysis; operations research.

## Text-books:

- Spiegel, M. R., *Vector analysis* (Schaum).  
Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

## Reference books:

- Rutherford, D. E., *Vector methods* (Oliver and Boyd).  
Spain, B., *Tensor calculus* (Oliver and Boyd).  
Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).  
National Physical Laboratory, Mathematics Division, *Modern computing methods* (H.M.S.O.).  
Berge, C., and Ghouila-Houri, A., *Programming, games and transportation networks* (Wiley).  
Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).  
Saaty, T. L., *Mathematical models of operational research* (McGraw-Hill).  
Spivey, W. A., *Linear programming: an introduction* (Macmillan).  
Crandall, S. H., *Engineering analysis* (McGraw-Hill).

OR

## SM02. Pure Mathematics II.

For syllabus see under Faculty of Science.

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 MECHANICAL ENGINEERING COURSE (OLD)

## FIFTH YEAR

(To be offered for the last time in 1969.)

## NM05. Mechanical Engineering IIA (Old Course).

Pre-requisite subject: Mechanical Engineering IA.

An advanced course in applied thermodynamics, heat transfer and fluid mechanics. The course is covered by about ninety lectures and one hundred and sixty hours of laboratory or project work.

**APPLIED THERMODYNAMICS II:** A course of lectures and practical work in applied thermodynamics and heat transfer. Including advanced thermodynamics of fluids with application to internal combustion engines, gas turbines, steam turbines, refrigeration, psychrometry and air conditioning, compressed air; fuels and combustion; heat transmission with application to boilers, condensers, and other heat exchangers; nuclear power plant.

## Text-books:

- Van Wylen, G. J., and Sonntag, R. E., *Fundamentals of classical thermodynamics* (Wiley).  
Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).  
Obert, E. F., *Internal combustion engines* (International Text Book Co.).  
Holman, J. P., *Heat transfer* (McGraw-Hill).

## Reference books:

- Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).  
Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

- Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).  
 Taylor, C. F., *The internal combustion engine in theory and practice*, Vol. I (Wiley).  
 Jennings, B. H., and Rogers, W. L., *Gas turbine analysis and practice* (McGraw-Hill).  
 Stodola, A., *Steam turbines* (Van Nostrand).  
 Kearton, W. J., *Steam turbine theory and practice* (Pitman).  
 Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).  
 Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning* (Constable).  
 Stoecker, W. F., *Refrigeration and air conditioning* (McGraw-Hill).  
 Jennings, B. H., and Lewis, S. R., *Air conditioning and refrigeration*.  
 Obert, E. F., *Elements of thermodynamics and heat transfer* (McGraw-Hill).  
 Faires, V. M., *Thermodynamics*, 4th edition (Macmillan).  
 American Society of Heating, Refrigerating and Air-conditioning Engineers, *Guide and data book—fundamentals and equipment*, 1965, *Guide and data book—applications*, 1966.

**FLUID MECHANICS II:** A course of lectures and laboratory work in fundamental and applied fluid dynamics including: incompressible flow machines (pumps, turbines, fans and propellers); the flow of compressible fluids, both inviscid and viscous; compressible flow machines.

**Text-books:**

- Norrie, D. H., *An introduction to incompressible flow machines* (Arnold).  
 Ferguson, T. B., *The centrifugal compressor stage* (Butterworth).  
 Liepmann, H. W., and Roshko, A., *Elements of gas dynamics* (Wiley).

**Reference books:**

- Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).  
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).  
 Prandtl, L., and Tietjens, O. G., *Applied hydro and aero mechanics* (Dover).  
 Ower, E., and Pankhurst, R. C., *The measurement of air flow* (Pergamon).  
 Pankhurst, R. C., and Holder, D. W., *Wind-tunnel technique* (Pitman).  
 Glauert, H., *The elements of aerofoil and airscrew theory* (C.U.P.).  
 Howarth, L., *Modern developments in fluid dynamics—high speed flow* (O.U.P.).  
 Shepherd, D. G., *Principles of turbomachinery* (Macmillan).  
 Cohen, B., and Rogers, G., *Gas turbine theory* (Longmans).  
 Courant, R., and Friedrichs, K. O., *Supersonic flow and shock waves* (Interscience).  
 Cox, R. N., and Crabtree, L. F., *Elements of hypersonic aerodynamics* (E.U.P.).

**NM15. Mechanical Engineering IIB (Old Course).**

Pre-requisite subjects: Mechanical Engineering IB, Electrical Engineering S, Electronics.

An advanced course in theory of machines and machine design, involving 100 lectures and 160 hours of laboratory and drawing office work.

**THEORY OF MACHINES II:** A course in advanced dynamics including the dynamics of engine and shaft; balancing; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing, critical speeds; instruments, automatic control, analogues and computing; engineering acoustics and random vibrations.

## Text-books:

As for Theory of Machines I, together with  
Church, A. H., *Mechanical vibrations* (Wiley); or  
Thomson, W. T., *Vibration theory and applications* (Prentice-Hall).

## Reference books:

Wilcox, J. B., *Dynamic balancing of rotating machinery* (Pitman).  
Holowenko, A. R., *Dynamics of machinery* (Wiley).  
Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).  
Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill).  
Macduff, J. N., and Curreri, J. R., *Vibration control* (McGraw-Hill).  
Burton, R., *Vibration and impact* (Addison-Wesley).  
Tuplin, W. A., *Vibration in machinery* (Pitman).  
Raven, F. H., *Automatic control engineering* (McGraw-Hill).  
Eckman, D. P., *Automatic process control* (Wiley).  
Dorf, R. C., *Modern control systems* (Addison-Wesley).  
Harris, C. M., *Handbook of noise control* (McGraw-Hill).  
Kinsler, L. E., and Frey, A. R., *Fundamentals of acoustics* (Wiley).  
Beranek, L. L., *Noise reduction* (McGraw-Hill).  
Robson, J. D., *Introduction to random vibration*.

**MACHINE DESIGN II.**—A course of lectures and drawing office work on advanced aspects of the design of machine members and mechanical assemblies including treatments of various types of gears, lubrication and bearing design; reciprocating engine components; mathematical and experimental stress analysis, fatigue, creep, design for high speed operation; curved beam theory; the economics of product design and design in relation to manufacturing method.

The work includes the design of a mechanism and of a small project involving thermodynamics or fluid mechanics.

## Text-books:

As for Theory of Machines I and II and Applied Thermodynamics I and II, together with  
Johnson, W., and Mellor, P. B., *Plasticity for mechanical engineers* (Van Nostrand).

## Reference books:

As for Machine Design I, together with the following:  
Dixon, J. R., *Design engineering* (McGraw-Hill).  
Rogowski, A. R., *Elements of internal combustion engines* (McGraw-Hill).  
Lichty, L. C., *Internal combustion engines* (McGraw-Hill).  
Mackerle, J., *Air-cooled motor engines* (Cleaver Hume).  
Chou, P. C., and Pagano, N. J., *Elasticity* (Van Nostrand).  
Timoshenko, S., *Theory of elasticity* (McGraw-Hill).  
Timoshenko, S., *Theory of elastic stability* (McGraw-Hill).  
Timoshenko, S., *Theory of plates and shells* (McGraw-Hill).  
Lubahn, J. D., and Felgar, *Plasticity and creep of metals* (Wiley).  
Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman and Hall).  
Marin, J., *Mechanical properties of materials and design* (McGraw-Hill).  
Finnie, I., and Heller, W. R., *Creep of engineering materials* (McGraw-Hill).  
Durelli, A. J., and Riley, W. F., *Introduction to photomechanics* (Prentice-Hall).  
Hendry, A. E., *Introduction to photoelasticity* (Blackie).  
Merritt, H. E., *Gears* (Pitman).  
Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).  
Barwell, F. T., *Lubrication of bearings* (Butterworth).



**NM75. Mechanical Engineering IIC.**

1. Seminars—two to be presented by each student on selected topics.
2. A limited research-type project involving a written thesis is to be undertaken by all students during the final year and submitted by the first week in December.
3. A major design project.

**NM85. Engineering Management.**

This course, covering certain of the more important managerial and non-technical factors which regulate the practice of Engineering, has been designed to meet the requirements of the engineering student about to enter professional practice.

The course is given in two parts which must be taken concurrently. Part A is concerned with the principles of organisation and management and Part B with accounting principles from an engineering viewpoint.

**PART A.—INDUSTRIAL ORGANISATION AND MANAGEMENT.**

Part A comprises one lecture a week throughout the year. The course gives an introduction to economic development, forms of business ownership, business finance, internal organisation, industrial engineering, quality control, plant location and layout, industrial relations and linear programming as an aid to business decision making.

**Text-books:**

- Bethel, L. L., and others, *Industrial organisation and management*, 4th edition (McGraw-Hill).  
 Albers, H. H., and Schoer, L., *Programmed organisation and management principles* (Wiley).

**Reference books:**

- Robertson, S. A., *Engineering management* (Blackie).  
 Buffa, E. S., *Modern production management* (John Wiley).  
 Lewis, W. A., *The theory of economic growth* (George Allen and Unwin).  
 S.A. Laws, Statutes, etc., *Companies Act*, 1962.  
 Paish, F. W., *Business finance* (Pitman).  
 Albers, H. H., *Organised executive action* (John Wiley).  
 Maynard, H. B., *Industrial engineering handbook* (McGraw-Hill).  
 Taylor, F. W., *Principles of scientific management* (Harpers).  
 Barnes, R. M., *Work sampling* (John Wiley).  
 Juran, J. M., *Quality control handbook* (McGraw-Hill).  
 Ferguson, R. O., and Sargent, L. F., *Linear programming* (McGraw-Hill).

**PART B.—ESSENTIALS OF ACCOUNTING.**

Part B comprises one lecture a week for two terms and tutorial work as arranged. Written assignments will be set each fortnight. The scope of the course is as follows:

The double-entry framework and the recording of business transactions; preparation of accounting reports for different kinds of accounting entities; analysis and interpretation of accounting reports; introduction to financial mathematics.

**Text-books:**

- Anthony, R. N., *Essentials of accounting* (Addison-Wesley).  
 University of Melbourne, *Accountancy exercises, first year*, revised edition (Melbourne U.P.).

**Reference book:**

- Mathews, R. L., *Accounting for economists* (Cheshire).

## MECHANICAL ENGINEERING COURSE (NEW)

## FIRST YEAR

SM01. Mathematics I.

SP01. Physics I.

SC01. Chemistry I.

For syllabuses see under Faculty of Science.

NX01. Engineering I.

For syllabus see under CHEMICAL ENGINEERING COURSE (NEW),  
FIRST YEAR.

## SECOND YEAR

SM12. Applied Mathematics II.

For syllabus see under Faculty of Science.

NM02. Mechanical Engineering I.

Pre-requisite subject: Engineering I; pre-requisite or concurrent subject:  
Engineering IIM.

An introductory course in the analysis of fluid flow, thermodynamics, manufacturing processes and machine elements leading to a synthesis of systems utilizing such analyses.

Preliminary reading:

Alexander, W., and Street, A., *Metals in the service of man* (Penguin).

Edgar, C., *Fundamentals of manufacturing processes and materials* (Addison-Wesley).

Edel, D. H., *Introduction to creative design* (Prentice Hall).

Text-books:

As for Engineering I, plus

Faires, V. M., *Design of machine elements* (Macmillan).

Sabersky, R. H., and Acosta, A. J., *Fluid flow* (Collier-Macmillan).

Datsko, J., *Material properties and manufacturing processes* (Wiley).

Moore, H. D., and Kibbey, D. R., *Manufacturing materials and processes* (Irwin).

Van Wylen, G. J., and Sonntag, R. E., *Fundamentals of classical thermodynamics* (Wiley).

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design* (International Text Book Co.).

British Standards Institution. Handbook No. 2 (1953: *Workshop practice, Standard Specifications and Codes of Practice* as required for project work.

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).

*Machinery's Handbook* (Industrial Press).

Kalpakjian, S., *Mechanical processing of materials* (Van Nostrand).

Moore, H. D., and Kibbey, D. R., *Manufacturing materials and processes* (Irwin).

Sachs, G., *Fundamentals of working metals* (Pergamon).

Ruddle, R. W., *The solidification of castings* (Institute of Metals).

Black, P. H., *Theory of metal cutting* (McGraw-Hill).

Bolz, R. W., *Production processes; the producibility handbook* (Penton).

## NX42. Engineering IIM.

Pre-requisite subjects: Engineering I, Mathematics I; a knowledge of matriculation Physics and Chemistry will be assumed.

Engineering IIM is made up of parts 1, 2 and 9 of Engineering II and III. Refer Schedule 9(b).

## 1. STRESS ANALYSIS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stresses and strains, normal and shearing. Equilibrium, compatibility. Stress-strain relationships; mechanical properties of materials. Thin-walled cylinders. Torsion of round shafts. Beams; stress, deflections. Statically indeterminate beams. Columns-buckling. Combined stresses; failure theories. Stress concentrations. Thick-walled cylinders. Experimental stress analysis.

## Text-books:

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Seely, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

## 2. STRUCTURAL ENGINEERING.

The course consists of one lecture and three hours' practical work a week throughout the year.

The following topics will be covered:

Design of tension and compression members. Statically indeterminate problems in tension and compression. R.C. columns. Riveted, bolted and welded joints. Beams; built-up beams, composite beams, R.C. and prestressed concrete beams. Statically indeterminate beams—moment distribution—slope deflection equations. Simple trusses and rigid jointed frames, simple foundations, slabs.

## Text-books:

S.A.A., *Code of concrete in buildings*, C.A.2, 1963.

S.A.A., *Steel structures code*, C.A.1, 1968.

S.A.A., *Minimum design loads on buildings*, Int. 350.

## Reference books:

Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill).

Cowan, H. J., and Smith, P. R., *Design of reinforced concrete* (Angus and Robertson).

## 9. ENGINEERING MATERIALS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The following topics will be covered:

Stress-strain behaviour in the real and idealised state; atomic bonding and packing; crystal structure; engineering applications of X-rays; the formation of single crystal and polycrystalline materials; equilibrium and non-equilibrium phase reactions; heat treatment; metallography and selection of steels; deformation and failure of crystalline materials; corrosion; the structure, properties and applications of polymeric materials.

## Text-books:

Moffatt, W. G. (ed.), *The structure and properties of materials*, vols. I-III (Wiley).

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

## Reference books:

Cullity, B. D., *Elements of X-ray diffraction* (Addison-Wesley).

Guy, A. G., *Elements of physical metallurgy* (Addison-Wesley).

Palin, C. R., *Plastics for engineers* (Pergamon).

Polakowski, N. H., and Ripling, E. J., *Strength and structure of engineering materials* (Prentice-Hall).

## THIRD YEAR.

## NM03. Mechanical Engineering IIA (New Course).

Pre-requisite subjects: Engineering I, Physics I, Applied Mathematics II, Mechanical Engineering I.

An introductory course in applied thermodynamics, heat transfer, and fluid mechanics, including about 72 lectures and 108 hours' laboratory work.

**APPLIED THERMODYNAMICS I:** Temperature and thermometry. Consequences of second law; properties of pure substances; thermodynamic relations; gas and vapour mixtures; psychrometry. Ideal air and vapour cycles. Introduction to combustion. Introduction to the three modes of heat transfer.

## Text-books:

Van Wylen, G. J., and Sonntag, R. E., *Fundamentals of classical thermodynamics* (Wiley).

Holman, J. P., *Heat transfer* (McGraw-Hill).

## Reference books:

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).

Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).

Faires, V. M., *Thermodynamics*, 4th edition (Macmillan).

Obert, E. F., and Young, R. L., *Elements of thermodynamics and heat transfer* (McGraw-Hill).

Reynolds, W. C., *Thermodynamics* (McGraw-Hill).

**FLUID MECHANICS I:** A course of lectures and practical work introducing the fundamentals of fluid dynamics and including the following: Units, dimensions and equations, unit and dimension systems, standards, dimensional analysis, theory of models, properties of fluids; incompressible inviscid fluid motion, kinematics of a fluid field, dynamics of a fluid field, flow about a body, aerofoil theory; incompressible viscous fluid motion. Navier-Stokes equations, boundary layer equations, laminar flow in tubes and boundary layers, turbulence, turbulent flow in tubes and boundary layers, transition and separation, flow in closed conduit systems, drag; measurements in incompressible flow, weirs, orifices, nozzles, venturis, pitot tubes, other instruments.

## Text-books:

Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

Duncan, W. J., and others, *An elementary treatise on the mechanics of fluids* (Edward Arnold) and

Prandtl, L., and Tietjens, O. G., *Fundamentals of hydro- and aero-mechanics* (Dover); or

Whitaker, S., *Introduction to fluid mechanics* (Prentice-Hall).

## Reference books:

Sabersky, R. H., and Acosta, A. J., *Fluid flow: a first course in fluid mechanics* (Macmillan).

Lamb, H., *Hydrodynamics* (Dover).

Prandtl, L., *The essentials of fluid dynamics* (Blackie).

Prandtl, L., and Tietjens, O. G., *Applied hydro- and aero-mechanics* (McGraw-Hill).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

Schlichting, H., *Boundary layer theory*, 6th edition (McGraw-Hill).

Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).

Glauert, H., *The elements of aerofoil and airscrew theory* (C.U.P.).

Mises, R. von, *Theory of flight*.

Ower, E., and Pankhurst, R. C., *The measurement of air flow* (Pergamon).

Pankhurst, R. C., and Holder, D. W., *Wind-tunnel technique* (Pitman).

## NM13. Mechanical Engineering IIB (New Course).

Pre-requisite subjects: Engineering I, Engineering IIM, Mechanical Engineering I.

An introductory course in theory of machines and machine design, including about 54 lectures and 81 hours of drawing office work.

**THEORY OF MACHINES I:** Lectures and graphical exercises in kinematics and dynamics of machinery, including kinematic chains and simple mechanisms; inversions; lower and higher pairing; velocity and acceleration diagrams; gear trains; cams; computing mechanisms; synthesis; force analysis of plane mechanisms; balancing and vibrations.

## Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (Wiley).

## Reference books:

Hirschhorn, J., *Dynamics of machinery* (Nelson).

Rothbart, H. A., *Cams* (Wiley).

Hunt, K. H., *Mechanisms and motion* (The English Universities Press).

Chironis, N. P., *Mechanisms, linkages and mechanical controls* (McGraw-Hill).

**MACHINE DESIGN I:** Lectures and drawing office work on the design of machine elements and power transmission systems. The course develops a logical discipline for handling the application of the more specific technical design factors when influenced by economic factors, current practice and manufacturing methods. Materials and their use; fabrication processes; the use of stock components; the application of combined stresses and theories of failure; fatigue and creep; factors of safety and design stresses; applications of basic principles in the design of shafts subject to combined loading, bearings, couplings and clutches, belt drives, gearing, brakes and other machine components.

## Text-books:

Faires, V. M., *Design of machine elements* (Macmillan).

B.S. 436: *Machine cut gears. A. Helical and straight spur* (B.S.I.).

B.S. 436: Part 1. 1967, *Spur and helical machine cut gears* (B.S.I.).

B.S. 545: 1949, *Bevel gears (machine cut)* (B.S.I.).

B.S. 721: 1937, *Machine cut gears: worm gearing* (B.S.I.).

## Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design* (International Text Book Co.).

Black, P., *Machine design* (McGraw-Hill).

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).

Battelle Memorial Institute, *Prevention of failure of metals under repeated stress*.

*Machinery's handbook* (Industrial Press).

British Standards' Handbook No. 2 (1953), *Workshop practice*.

Merritt, H. E., *Gears* (Pitman).

Buckingham, E., *Spur gears* (McGraw-Hill).

Standard specifications and codes of practice as required for project work.

Tuplin, W. A., *Involute gear geometry* (Chatto and Windus).

## NX43. Engineering IIIM.

Engineering IIIM is made up of parts 6, 7, 8 and either 12 or 13 of Engineering II and III. Refer Schedule 9(b).

## 6. ELECTRICAL CIRCUITS AND MACHINES.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week of laboratory work for one term.

The lecture course comprises:

(a) One lecture a week for one term devoted to network theory, including transient and steady state analysis of simple networks, network theorems, and the solution of three-phase networks.

(b) One lecture a week for one term devoted to self and mutual inductance and coupled coils, magnetic circuits and the calculation of m.m.f., transformers, direct current motors and generators.

(c) One lecture a week for one term devoted to synchronous motors and generators, single phase and three-phase induction motors, and machine characteristics.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 7. ELECTRONICS.

The course consists of one lecture a week throughout the year and the equivalent of three hours a week laboratory work for one term.

The lecture course comprises:

Vacuum and semi-conductor devices, their characteristics, and equivalent circuits. Rectifier circuits. Single stage amplifiers. RC-, transformer-, and LC-coupled amplifiers. Class A, AB and B push-pull amplifiers. Direct coupled and feedback amplifiers. Controlled rectifiers.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

Reference books:

Lowenberg, E. C., *Theory and problems of electronic circuits* (Schaum).

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

## 8. ELECTRICAL INSTRUMENTATION.

This course consists of one lecture a week throughout the year covering methods of electrical and electronic instrumentation and the equivalent of three hours a week of laboratory work for one term.

Topics covered include: Signal sources; steady state measurements; transient measurements; data acquisition; transducers and sensors.

Reference book:

Smith, R. J., *Circuits, devices and systems* (Wiley).

## 12. MATHEMATICS III (ENGINEERING).

Pre-requisite to this part: a pass in Applied Mathematics II (SM12) at Division I or higher standard.

Vectors and tensors; numerical analysis; operations research.

Text-books:

Spiegel, M. R., *Vector analysis* (Schaum).

Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

Reference books:

Rutherford, D. E., *Vector methods* (Oliver and Boyd).

Spain, B., *Tensor calculus* (Oliver and Boyd).

Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).

National Physical Laboratory, Mathematics Division, *Modern computing methods* (H.M.S.O.).

Berge, C., and Ghouila-Houri, A., *Programming, games and transportation networks* (Wiley).

Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).

Saaty, T. L., *Mathematical models of operational research* (McGraw-Hill).

Spivey, W. A., *Linear programming: an introduction* (Macmillan).

Crandall, S. H., *Engineering analysis* (McGraw-Hill).

### 13. ECONOMICS (ENGINEERING).

Two lectures and one tutorial a week.

1. Introduction to the theory of value.

2. Introduction to the theory of outlay and employment.

Preliminary reading:

Drohan, N. T., and Day, J. H. (eds.), *Readings in Australian economics* (Cassell).

Australia, Economic Enquiry, Committee of. *Australian economic background*, from the *Report of the Committee* (Economic Standing Committee, Victorian Universities and Schools Examinations Board).

Galbraith, J. K., *The affluent society* (Penguin or Mentor).

Shackle, G. L. S., *Economics for pleasure* (C.U.P.) (paper-back).

Robinson, M. A., Morton, H. C., and Calderwood, J. C., *An introduction to economic reasoning* (Anchor).

Robinson, J., *Economics: an awkward corner* (Allen and Unwin).

Text-books:

Leftwich, R. H., *The price system and resource allocation*, 3rd edition (Holt, Rinehart, and Winston).

Brennan, M. J., *Theory of economic statics* (Prentice-Hall).

Downing, R. I., *National income and social accounts*, 9th (or later) edition (M.U.P.).

Haig, B. D., and McBurney, S. S., *The interpretation of national income estimates* (A.N.U. Press).

Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

Some students might find that one of the following provides useful supplementary reading for the initial stages of the course:

Fels, R., *The law of supply and demand: a programmed approach* (Allyn and Bacon); or

Entelek Incorporated, *Supply and demand* (and worksheets) (Macmillan), or

Lumsden, K., and others, *Micro-economics: a programmed book* (Prentice-Hall).

Reference books:

Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicholson).

Samuelson, P. A., *Economics*, 4th, 5th or 6th edition (McGraw-Hill).

Stonier, A. W., and Hague, D. C., *A text-book of economic theory* (Longmans).

Stigler, G. J., *The theory of price*, 3rd edition (Macmillan).

Schneider, E., *Pricing and equilibrium* (Allen and Unwin).

Robinson, J., *Economics: an awkward corner* (Allen and Unwin).

Bilas, R. A., *Micro-economic theory: a graphical analysis* (McGraw-Hill).

Gisser, M., *Introduction to price theory* (International Textbook Company).

Allen, C. L., *Elementary mathematics of price theory* (Wadsworth).

Watson, D. S., *Price theory in action: a book of readings* (Houghton Mifflin).

Breit, W., and Hochman, H. M. (eds.), *Readings in micro-economics* (Holt, Rinehart and Winston).

Additional references will be prescribed by the lecturers.

**THE HONOURS DEGREE OF BACHELOR OF ENGINEERING**

Work for the Honours Degree of Bachelor of Engineering is taken concurrently with that of the final year of the Ordinary Degree course. The laboratory project for the Honours degree will, however, normally extend to the March of the following year. See syllabuses below.

**NH99. Chemical Engineering for the Honours Degree of B.E.**

The work for the Honours Degree will consist of the full course of lectures prescribed for the final year of the Ordinary Degree and in addition candidates taking Honours will attend special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the practical work of the Ordinary Degree or may be a separate project.

**NC99. Civil Engineering for the Honours Degree of B.E.**

The work for the Honours Degree will consist of the full course of lectures prescribed for the final year of the Ordinary Degree and in addition candidates taking Honours will attend special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the practical work of the Ordinary Degree or may be a separate project.

**NE99. Electrical Engineering for the Honours Degree of B.E.**

The work for the Honours Degree will consist of the full course of lectures prescribed for the final year of the Ordinary Degree and in addition candidates taking Honours will attend special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the practical work of the Ordinary Degree or may be a separate project.

**NM99. Mechanical Engineering for the Honours Degree of B.E.**

The work for the Honours Degree will include the full course of lectures prescribed for the final year of the Ordinary Degree and, in addition, will include special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the work for the Ordinary Degree or may be a separate project and should be completed by the end of February.

**THE HONOURS DEGREE OF BACHELOR OF APPLIED  
SCIENCE****NH89. Applied Chemistry for the Honours Degree of B.App.Sc.****NH79. Primary Metallurgy for the Honours Degree of B.App.Sc.****NH69. Secondary Metallurgy for the Honours Degree of B.App.Sc.**

Candidates may choose one of Applied Chemistry, Primary Metallurgy, and Secondary Metallurgy as a principal subject. The course will consist of lectures, seminars and courses of reading in advanced aspects of the principal subject and in such other subjects as the Head of the Department may deem necessary. Each candidate will be required to give all the time not required for lectures to research and design projects. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German.

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## FACULTY OF LAW

### SYLLABUS NUMBERS

The first and second letters identify the Faculty of Law: LL.

The first digit differentiates subjects in the same year.

The second digit

- 1-4: indicates year of subject, e.g. first, second, etc.
- 5: indicates subject normally available only to graduates.
- 9: indicates subject available to Honours students only.

### LL01. Elements of Law.

The history and organization of the legal system of England and Australia; an introduction to the study of law and to legal reasoning; the system of precedent; the interpretation of statutes.

Text-books:

\*Derham, D. P., Maher, F. K. H., and Waller, P. L., *An introduction to law* (Law Book Co., 1966).

Hanbury, H. G., *English courts of law*, 3rd edition (O.U.P., 1960).

Maher, F. K. H., Waller, P. L., and Derham, D. P., *Cases and materials on the legal process* (Law Book Co., 1966).

Reference books (available in the Library):

†Cross, R. N., *Precedent in English law*, 2nd edition (O.U.P., 1968).

†Archer, P., *The Queen's courts*, 2nd edition (Pelican, 1963).

†Allen, C. K., *Law in the making*, 7th edition (O.U.P., 1964).

Baalman, J., *Outline of law in Australia*, 2nd edition (Law Book Co., 1955).

Kiralfy, A. K. R., *The English legal system*, 4th edition (Sweet and Maxwell, 1967).

Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth, 1956).

Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell, 1958).

†Williams, G. L., *Learning the law*, 7th edition (with Australian supplement) (Stevens, 1963).

Holdsworth, W. S., *History of English law*, vol. 1, 7th edition (Methuen, 1956).

Allen, C. K., *The Queen's peace* (Stevens, 1953).

†Windeyer, W. J. V., *Lectures on legal history*, 2nd edition (Law Book Co., 1957).

Gifford, K. H., *How to understand an Act of Parliament*, 2nd edition (Law Book Co., 1967).

Craies, W. F., *Treatise on statute law*, 6th edition (Sweet and Maxwell, 1963).

Bowen, C. S. D., *The lion and the throne* (Hamish Hamilton, 1957).

Harding A., *A social history of English law* (Pelican, 1966).

\* To be read before the commencement of lectures.

† Specially recommended reference material.

**LL11. Constitutional Law I.**

The constitutional history of the United Kingdom, South Australia and the Commonwealth of Australia; the main principles of British constitutional law, with special reference to the application of these principles in Australia; the Constitution of South Australia.

**Text-books:**

- Bagley, J. J., and others, *A documentary history of England*, vols. 1 and 2 (Pelican, 1965-66).  
 Combe, G. D., *Responsible government in South Australia* (Government printer, Adelaide, 1957).  
 Crisp, L. F., *Australian national government* (Longmans, 1965).  
 Mackenzie, K. R., *The English parliament* (Pelican, 1963).  
 Phillips, O. H., *Constitutional and administrative law*, 4th edition (Paperback) (Sweet and Maxwell, 1967).  
 Phillips, O. H., *Leading cases in constitutional and administrative law* 3rd edition, paperback (Sweet and Maxwell, 1967).  
*Cases, materials and readings in constitutional law* (Mimeographed case-book issued by the Law School).

**Reference books:**

- Deakin, A., *The federal story*, 2nd edition (M.U.P., 1963).  
 Dicey, A. V., *Introduction to the study of the law of the constitution*, 10th edition (Macmillan, 1959).  
 Evatt, H. V., *The King and his dominion governors*, 2nd edition (Cheshire, 1967).  
 Heuston, R. F. V., *Essays in constitutional law*, 2nd edition (Stevens, 1964).  
 Howard, C., *Australian federal constitutional law* (Law Book Co., 1968).  
 Jennings, W. I., *The law and the constitution*, 5th edition (U. London P., 1959).  
 Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 5th edition (O.U.P., 1967).  
 Langmead, T. P. Taswell-, *English constitutional history*, 11th edition (Sweet and Maxwell, 1960).  
 Lovell, C. R., *English constitutional and legal history* (O.U.P., 1962).  
 Stephenson, C., and Marcham, F. G., *Sources of English constitutional history* (Harper, 1937).  
 Tanner, J. R., *English constitutional conflicts of the seventeenth century, 1603-1689*, students' edition (C.U.P., 1961).  
 Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 7th edition (Longmans, 1965).

*Note:* Students should purchase a copy of the South Australian *Constitution Act, 1934-1965*, *Criminal Law Consolidation Act, 1935-66*, and *Police Offences Act, 1953-67* (Government Printer, Adelaide); and of the Commonwealth *Constitution, and the Statute of Westminster Adoption Act, 1942* (with Index) (Government Printer, Canberra). These will be referred to in classes throughout the year and may be taken into the examination room.

**LL21. Criminal Law and Procedure.**

A general introduction to the criminal law.

**Text-books:**

- Brett, P., and Waller, P. L., *Cases and materials in criminal law*, 2nd edition, (Butterworth, 1965).  
 Howard, C., *Australian criminal law* (Law Book Co., 1965).

**Reference books:**

- Williams, G. L., *Criminal law*, 2nd edition (Stevens, 1961).  
 Cross, R., and Jones, P. A., *An introduction to criminal law*, 5th edition, Parts I and II (Butterworth, 1964).

- Russell, W. O., *On crime*, 12th edition, ed. J. W. C. Turner (Stevens, 1964).  
 Hall, J., *General principles of criminal law*, 2nd edition (Bobbs-Merrill, 1960).  
 Perkins, R. M., *Criminal law* (Foundation Press, 1957).  
 Smith, J. C., and Hogan, B., *Criminal law* (Butterworth, 1965).  
 Morris, N., and Howard C., *Studies in criminal law* (Oxford, 1964).  
 Mannheim, H., *Comparative criminology*, vols. 1-2 (Routledge and Kegan Paul, 1965).  
 Walker, N., *Crime and punishment in Britain* (Edinburgh U.P., 1965).

*Note:* Students should purchase a copy of *Criminal Law Consolidation Act, 1935-66*, and the *Police Offences Act, 1953-67* (Government Printer, Adelaide). These will be referred to in classes throughout the year and may be taken into the examination room.

### LL02. The Law of Contract.

General principles of the law of contract, including agency.

#### Text-books:

- Cheshire, G. C., and Fifoot, C. H. S., *The law of contract*, 2nd Australian edition (Butterworth, 1969).  
 McGarvie, R. E., Pannam, C. L., and Hocker, P. J., *Cases and materials on contract* (Law Book Co., 1966).

#### Reference books:

- Anson, W. R., *Principles of the English law of contract*, 22nd edition (O.U.P., 1964).  
 Chitty, J., *Treatise on the law of contracts*, 22nd edition (Sweet and Maxwell, 1961).  
 Treitel, G. H., *The law of contract*, 2nd edition (Stevens, 1966).  
 Atiyah, P. S., *Introduction to the law of contract* (O.U.P., 1961).  
 Wilson, J. F., *Principles of the law of contract* (Sweet and Maxwell, 1957).  
 Smith, J. C., and Thomas, J. A. C., *Casebook on contract*, 3rd edition (Sweet and Maxwell, 1966).  
 Williston, S., *Treatise on the law of contracts*, 3rd edition (Baker, Voorhis and Co., 1957-).  
 Corbin, A. L., *On contracts* (West, 1950-).  
 Stoljar, S. J., *Law of agency* (Sweet and Maxwell, 1961).  
 Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).  
 Fridman, G. H. L., *Law of agency*, 2nd edition (Butterworth, 1966).

*NOTE:* Students should purchase a copy of the *Sale of Goods Act, 1895-1952* (Government Printer, Adelaide). This will be referred to in classes and may be taken into the examination room.

### LL12. The Law of Torts.

General principles of the law of torts; specific torts.

#### Text-books:

- Fleming, J. G., *The law of torts*, 3rd edition (Law Book Co., 1965), or  
 Winfield, P. H., *Text-book of the law of tort*, 8th edition (Sweet and Maxwell, 1967).

#### Reference books:

- Morison, W. L., Morris, N. R., and Sharwood, R. L., *Cases on torts*, paperback edition (Law Book Co., 1968).  
 Street, H., *The law of torts*, 4th edition (Butterworth, 1967).  
 Salmond, J. W., *Law of torts*, 14th edition (Sweet and Maxwell, 1965).  
 Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 12th edition (Sweet and Maxwell, 1961).  
 Weir, T., *A casebook on tort* (Sweet and Maxwell, 1967).

Williams, G. L., *Joint torts and contributory negligence* (Stevens, 1951).  
 Wright, C. A., *Cases on the law of torts*, 4th edition (Butterworth, 1967).  
 Prosser, W. L., *Handbook of the law of torts*, 3rd edition (West, 1964).

NOTE: Students should purchase a copy of the *Wrongs Act*, 1936-1959, and of the *Survival of Causes of Action Act*, 1940 (Government Printer, Adelaide). These will be referred to in classes and may be taken into the examination room.

### LL22. The Law of Property.

Pre-requisite or concurrent subjects: The Law of Contract; the Law of Torts.

- (a) Principles of the law of real and personal property, and particularly: estates in land (including leaseholds), equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, restrictive covenants, and the general principles of personal property (including general principles of bailment).
- (b) Statutes: Law of Property Act, 1936-1966, Real Property Act, 1886-1967, Real Property (Registration of Titles) Act, 1945, Estates Tail Act, 1881, and other statutes as prescribed in lectures (Government Printer, Adelaide).

#### Text-books:

Megarry, R. E., *A manual of the law of real property*, any edition (Stevens); or  
 Hargreaves, A. D., and Helmore, B. A., *Introduction to the principles of land law, New South Wales* (Law Book Co., 1963).  
 Goodeve, L. A., *Modern law of personal property*, 9th edition (Sweet and Maxwell, 1949); or  
 Vaines, J. C., *Personal property*, 4th edition (Butterworth, 1967).

#### Reference books:

Cheshire, G. C., *Modern law of real property*, any edition (Butterworth).  
 Megarry, R. E., and Wade, H. W. R., *The law of real property*, any edition (Stevens).  
 Kerr, D., *Principles of the Australian land titles (Torrens) system* (Law Book Co., 1927).  
 Jessup, G. A., *Forms and practice of Lands Titles Office of S.A.*, 4th edition (Law Book Co., 1963).  
 Morris, J. H. C., and Leach, W. B., *The rule against perpetuities*, 2nd edition (Stevens, 1962).  
 Harrison, W. N. L., *Cases on land law*, 2nd edition (Law Book Co., 1965).  
 Pollock, F., and Wright, R. S., *An essay on possession in the common law* (O.U.P., 1888).  
 Simpson, A. W. B., *An introduction to the history of the land law* (O.U.P., 1961).

### LL32. Constitutional Law II.

Pre-requisite subject: Constitutional Law I.

The constitution of the Commonwealth of Australia; introduction to administrative law.

#### Text-books:

*Cases, materials and readings in Australian constitutional law* (Mimeographed casebooks issued by the Law School).  
*An introduction to Australian administrative law* (Mimeographed case book issued by the Law School).  
 Sauer, G., *Cases on the constitution of the Commonwealth of Australia*, 3rd edition (Law Book Co., 1964).

#### Reference books:

Brennan, T. C., *Interpreting the constitution* (M.U.P., 1935).  
 Cowen, Z., *Federal jurisdiction in Australia* (O.U.P., 1959).  
 Else-Mitchell, R., *Essays on the Australian constitution*, 2nd edition (Law Book Co., 1961).

- Howard, C., *Australian federal constitutional law* (Law Book Co., 1968).  
 Moore, W. Harrison, *The constitution of the Commonwealth of Australia*, 2nd edition, (Maxwell, 1910).  
 Quick, J., and Garran, R. R., *Annotated constitution of the Australian Commonwealth* (Angus and Robertson, 1901).  
 Wynes, W. A., *Legislative, executive and judicial powers in Australia*, 3rd edition (Law Book Co., 1962).  
 Allen, C. K., *Law and orders*, 3rd edition (Stevens, 1965).  
 de Smith, S. A., *Judicial review of administrative action*, 2nd edition (Stevens, 1968).  
 Benjafield, D. G., and Whitmore, H., *Principles of Australian administrative law*, 3rd edition (Law Book Co., 1966).  
 Griffith, J. A. G., and Street, H., *Principles of administrative law*, 4th edition (Pitman, 1967).  
 Robson, W. A., *Justice and administrative law*, 2nd edition (Stevens, 1947).

#### Statutes:

The following should be acquired before lectures commence and may be taken into the examination room.

- The Constitution, and the Statute of Westminster Adoption Act, 1942* (with Index) (Government Printer, Canberra).  
*The High Court Procedure Act, 1903-50 and The Judiciary Act, 1903-66* (Government Printer, Canberra).

### LL03. Jurisprudence.

**Pre-requisite subjects:** Elements of Law; Constitutional Law I; Criminal Law and Procedure.

**Pre-requisite or concurrent subjects:** The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

The philosophy of law; historical and analytical jurisprudence.

#### Text-book:

Hart, H. L. A., *The concept of law* (O.U.P., 1961).

#### Reference books:

- Aquinas, Thomas, *Selected political writings*, ed. by A. P. d'Entrèves (Blackwell, 1965).  
 Aquinas, Thomas, *Summa theologiae*, vol. 28 (Blackfriars, 1966).  
 Austin, J., *The province of jurisprudence determined*, ed. by H. L. A. Hart (Weidenfeld and Nicolson, 1954).  
 d'Entrèves, A. P., *Natural law* (Hutchinson's U.L., 1951).  
 Devlin, P. A., *The enforcement of morals* (O.U.P., 1965).  
 Frank, J. N., *Courts on trial* (Princeton U.P., 1950).  
 Frank, J. N., *Law and the modern mind* (Stevens, 1949).  
 Fuller, L. L., *The morality of law* (Yale U.P., 1964).  
 Guest, A. G. (ed.), *Oxford essays in jurisprudence* (O.U.P., 1961).  
 Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).  
 Hart, H. L. A., *Law, liberty and morality* (Stanford U.P., 1963).  
 Hart, H. L. A., *Punishment and responsibility* (O.U.P., 1968).  
 Hohfeld, W. N., *Fundamental legal conceptions* (Yale U.P., 1923).  
 Hospers, J., *An introduction to philosophical analysis* (Routledge and Kegan Paul, 1956).  
 Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).  
 Kantorowicz, H., *The definition of law* (C.U.P., 1958).  
 Kelsen, H., *The general theory of law and state* (Harvard U.P., 1946).  
 Llewellyn, K. N., *Jurisprudence* (U. of Chicago P., 1962).  
 Lloyd, D., *Introduction to jurisprudence*, 2nd edition (Stevens, 1965).  
 Ross, A., *On law and justice* (Stevens, 1958).

- Shuman, S. I., *Legal positivism* (Wayne State U.P., 1963).  
 Stone, J., *Human law and human justice* (Stanford U.P., 1965).  
 Stone, J., *Legal system and lawyers' reasonings* (Stanford U.P., 1964).  
 Stone, J., *Social dimensions of law and justice* (Stanford U.P., 1966).  
 Wasserstrom, R. A., *The judicial decision* (Stanford U.P., 1961).

Students are expected before the beginning of the course to have read Sabine, G. H., *History of political theory*, 3rd edition (Harrap, 1952) (especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx), and Hospers (supra), Chapter I.

### LL13. Roman Law.

Pre-requisite subjects: Elements of Law. Two of:—The Law of Contract; The Law of Torts; The Law of Property — if any one of these subjects has not previously been passed it must be taken concurrently.

A course of lectures extending over two terms covering some aspects of Roman private law.

Students will be expected to compare Roman law with South Australian law on relevant topics.

#### Text-book:

- Lee, R. W., *The elements of Roman law*, 4th edition (Sweet and Maxwell, 1956), or  
 Nicholas, J. K. B., *Introduction to Roman law* (O.U.P., 1962).

#### Reference books:

- de Zulueta, F. M. (ed.), *Gaius*, Vols. I and II (O.U.P., 1946-53).  
 Moyle, J. B. (ed.), *Justinian's Institutes*, 5th edition, 2 vols. (O.U.P., 1913).  
 Buckland, W. W., *A text-book of Roman law*, 3rd edition (C.U.P., 1963).  
 Jolowicz, H. F., *Historical introduction to the study of Roman law*, 2nd edition (C.U.P., 1952).  
 Buckland, W. W., and McNair, A. D., *Roman law and common law*, 2nd edition, reprinted with corrections (C.U.P., 1965).  
 Schulz, F., *Classical Roman law* (O.U.P., 1951).  
 de Zulueta, F. M., *The Roman law of sale* (O.U.P., 1945).  
 Kaser, M., *Roman private law*; translated by R. Dannenbring (Butterworth, 1965).

### LL23. International Law.

Pre-requisite subjects: Elements of Law; Criminal Law and Procedure.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

#### Text-books:

- O'Connell, D. P., *International law* (Stevens, 1965).  
 Green, L. C., *International law through the cases*, 2nd edition (Stevens, 1959).  
 Briery, J. L., *The law of nations*, 6th edition (O.U.P., 1963).  
 Brownlie, I., *Principles of public international law* (O.U.P., 1966).

#### Reference books:

- Lauterpacht, H., *Recognition in international law* (C.U.P., 1948).  
 O'Connell, D. P., *State succession in international law* (C.U.P., 1967).  
 Colombos, C. J., *International law of the sea*, 6th edition (Longmans, 1967).  
 McNair, A. D., *The law of treaties* (O.U.P., 1961).  
 Lauterpacht, H., *The development of international law by the International Court* (Stevens, 1958).  
 Oppenheim, L. F. L., *International law*, Vol. I, 8th edition (Longmans, 1955).

- Goodrich, L. M., *The United Nations* (Stevens, 1960).  
 Bowett, D. W., *The law of international institutions* (Stevens, 1963).  
 De Visscher, C., *Theory and reality in public international law* (Princeton U.P., 1957).  
 Briggs, H. W., *The law of nations: cases, documents and notes*, 2nd edition, (Stevens, 1953).

### LL33. Legal History.

Pre-requisite subjects: Elements of Law; Constitutional Law I; Criminal Law and Procedure.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects.

There is no one text-book which deals adequately with all the subjects to be discussed.

#### Reference books:

- Fifoot, C. H. S., *History and sources of the common law* (Stevens, 1949).  
 Maitland, F. W., *The forms of action at common law* (C.U.P., 1948).  
 Simpson, A. W. B., *An introduction to the history of the land law* (O.U.P., 1961).  
 Holdsworth, W. S., *A history of English law*, especially Vols. III, IV, VII and VIII (Methuen).  
 Radcliffe, G. R. Y., and Cross, G., *English legal system*, 4th edition (Butterworth, 1964).  
 Plucknett, T. F. T., *Concise history of the common law*. 5th edition (Butterworth, 1956).  
 Ames, J. B., *Lectures on legal history* (Harvard U.P., 1913).  
 Pollock, F., and Maitland, F. W., *History of English law*, Vols. I and II (C.U.P.).  
 Holmes, O. W., *The common law* (Macmillan, 1882).  
 Maitland, F. W., *Collected papers* (C.U.P., 1911).  
 Kiralfy, A. K. R., *The action on the case* (Sweet and Maxwell, 1951).  
 Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell, 1958).  
 Association of American Law Schools, *Select essays in Anglo-American legal history*, Vols. I-III (Little, Brown, 1907-9).  
 Sutton, R., *Personal actions at common law* (Butterworth, 1929).  
 Dicey, A. V., *Law and public opinion in England*, 2nd edition (Macmillan, 1914).  
 Pound, R., *Interpretations of legal history* (C.U.P., 1923).  
 Stephen, J. F., *History of the criminal law of England* (Macmillan, 1883).

### LL43. Equity.

Pre-requisite subjects: The Law of Contract; The Law of Property.

Such of the following special subjects as may be chosen by the lecturer: The principles of equity and equitable estates and interests; trusts; mortgages; wills and intestacy; administration of estates; the principles of conveyancing.

#### Text-books:

- Snell, E. H. T., *Principles of equity*, 26th edition (Sweet and Maxwell, 1966).  
 Nathan, J. A., and Marshall, O. R., *A casebook on trusts*, 5th edition (Stevens, 1967).  
 Pettit, P. H., *Equity and the law of trusts* (Butterworth, 1966).  
 Other books on particular subjects suggested in lectures

## Reference books:

- Nathan, J. A., *Equity through the cases*, 4th edition (Stevens, 1961).  
 Ford, H. A. J., *Cases on trusts*, 2nd edition (Law Book Co., 1966).  
 McDougall, A., *Modern conveyancing* (Pitman, 1936).  
 Jacobs, K. S., *Law of trusts in N.S.W.*, 2nd edition (Butterworth, 1967).  
 Fricke, G., and Strauss, O. K., *Law of trusts in Victoria* (Butterworth, 1964).  
 Scott, A. W., *Abridgment of the law of trusts* (Little Brown, 1960).  
 Parker, D. B., and Mellows, A. R., *The modern law of trusts* (Sweet and Maxwell, 1966).

NOTE: Students should purchase a copy of the *Trustee Act*, 1936-67, and of the *Law of Property Act*, 1936-66. These will be referred to in classes.

**LL53. Mercantile Law I.**

Pre-requisite subjects: The Law of Contract; The Law of Property.

Pre-requisite or concurrent subject: Equity.

The sale of goods, hire purchase, bills of sale, and negotiable instruments with particular emphasis on cheques; an introduction to bankruptcy, partnership and company law.

The following statutes, which may be taken into examinations, should be acquired:

- Commonwealth: *Bills of Exchange Act*, 1909-1958.  
*Bankruptcy Act*, 1966.
- South Australian: *Sale of Goods Act*, 1895-1952.  
*Hire-Purchase Agreements Act*, 1960-1966.  
*Bills of Sale Act*, 1886-1940.  
*Mercantile Law Act*, 1936.  
*The Partnership Act*, 1891-1935.  
*Companies Act*, 1962-1966.

## Text-books:

- Atiyah, P. S., *The sale of goods*, 3rd edition (Pitman, 1966).  
 Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).

## Reference books:

- Else-Mitchell, R., and Parsons, R. W., *Hire-purchase law*, 4th edition (Law Book Co., 1968).  
 Lewis, A. N., *Australian bankruptcy law*, 5th edition (Law Book Co., 1967).  
 Riley, B. B., *The law relating to bills of exchange in Australia*, 2nd ed. (Law Book Co., 1964).  
 Paton, G. W., *Bailment in the common law* (Stevens, 1952).  
 Sykes, E. I., *Law of securities* (Law Book Co., 1962).  
 Dean, A., *Law relating to hire-purchase in Australia*, 2nd edition (Law Book Co., 1938).  
 Pollock, F., *Law of partnership*, 15th edition (Stevens, 1952).  
 Chalmers, M. D. E., *Sale of goods act, 1893*, 14th edition, (Butterworth, 1963).  
 Higgins, P. F. P., *The law of partnership* (Law Book Co., 1963).  
 Sutton, K. C. T., *The law of sale of goods in Australia and New Zealand* (Law Book Co., 1967).

**LL04. Private International Law.**

Pre-requisite subjects: The Law of Contract; The Law of Torts; The Law of Property; Equity.

Pre-requisite or concurrent subjects: Mercantile Law I; The Law of Evidence and Procedure.



(1) General principles of private international law; jurisdiction and choice of law in the general fields of matrimonial causes, actions *in personam*, title to property (both movable and immovable), and the status of children; recognition of foreign divorces, nullity decrees, adoptions and legitimations; recognition and enforcement of foreign money judgments.

(2) Private international law in a federal system; diversity jurisdiction and choice of law; full faith and credit.

Text-books:

Cowen, Z., and da Costa, D. M., *Matrimonial causes jurisdiction* (Law Book Co., 1961).

Nygh, P. E., *Conflict of laws in Australia* (Butterworth, 1968).

Reference books:

Cavers, D. F., *The choice of law process* (U. of Michigan P., 1965).

Cheshire, G. C., *Private international law*, 7th edition (Butterworth, 1965).

Cook, W. W., *The logical and legal bases of the conflict of laws* (Harvard U.P., 1942).

Cowen, Z., *American-Australian private international law* (Oceana, 1957).

Cowen, Z., *Federal jurisdiction in Australia* (O.U.P., 1959).

Currie, B., *Selected essays on the conflict of laws* (Duke U.P., 1963).

Dicey, A. V., and Morris, J. H. C., *Conflict of laws*, 8th edition (Stevens, 1967).

Falconbridge, J. D., *Essays on the conflict of laws*, 2nd edition (Canada Law Book Co., 1954).

Morris, J. H. C., *Cases on private international law*, 4th edition (O.U.P., 1968).

Robertson, A. H., *Characterization in the conflict of laws* (Harvard U.P., 1940).

Sykes, E. I., *Cases and materials on private international law* (Law Book Co., 1962).

Wolff, M., *Private international law*, 2nd edition (O.U.P., 1950).

#### LL14. Family Law.

Pre-requisite subjects: The Law of Contract; The Law of Torts; The Law of Property; Equity; Mercantile Law I.

The course consists of a detailed study of: The engagement to marry; the laws of marriage; matrimonial property; maintenance; matrimonial causes; legitimacy and legitimation; adoption; laws relating to testators' family maintenance; laws relating to custody and guardianship of infants; parental right and duties; certain selected topics of private international law including the law of domicile.

Reference books:

Johnson, E. L., *Family law*, 2nd edition (Sweet and Maxwell, 1965).

Bromley, P. M., *Family law*, 3rd edition (Butterworth, 1966).

Cowen, Z., and Mendes da Costa, D., *Matrimonial causes jurisdiction* (Law Book Co., 1961).

Graveson, R. H., and Crane, F. R., *Century of family law* (Sweet and Maxwell, 1957).

Joske, P. E., *Law of marriage and divorce in Australia*, 4th edition, (Butterworth, 1961-63).

Rayden W., *On divorce*, 9th edition (Butterworth, 1964).

#### LL24. Mercantile Law II.

Pre-requisite subject: Mercantile Law I.

Pre-requisite or concurrent subject: Equity.

The course consists of a detailed study of agency, bankruptcy and company law, and will also include an examination of other selected topics in mercantile law.

## Text-book:

Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).

## Reference books:

Palmer, F. B., *Company law*, 21st edition (Stevens, 1968).

University of Sydney, Law School, *The new companies law* (Young, 1962).

Northey, J. F., *Introduction to company law* (N.Z.), 4th edition (Butterworth, 1960).

Masterman, G. G., and Solomon, E., *Australian trade practices law* (Butterworth, 1967).

Walker, G. de Q., *Australian monopoly law* (Cheshire, 1967).

**LL34. Administrative, Local Government and Industrial Law.**

Pre-requisite subjects: Criminal Law and Procedure; The Law of Contract, The Law of Torts; Constitutional Law II.

Pre-requisite or concurrent subjects: The Law of Property; Equity; Mercantile Law I.

The course is divided into two sections:

(a) A detailed study of selected topics in administrative law, including the powers and functions of local government authorities.

(b) Industrial law, consisting of a study of contracts of employment, with particular reference to restrictive covenants, copyright and patent law, and to the termination of such contracts; Conciliation and Arbitration Act procedures; the making of awards, both State and Commonwealth; the law applicable to strikes and trade unions; workmen's compensation law.

The following statutes, which may be taken into the examination, should be acquired:

*Conciliation and Arbitration Act*, 1904-67 (Government Printer, Canberra).

*Commonwealth Employees' Compensation Act*, 1930-67 (Government Printer, Canberra).

*Local Government Act*, 1934-67 (Government Printer, Adelaide).

*Workmen's Compensation Act*, 1932-66 (Government Printer, Adelaide).

*Industrial Code*, 1967 (Government Printer, Adelaide).

## Reference books:

Brett, P., and Hogg, P. W., *Cases and materials on administrative law*, 2nd edition (Butterworth, 1967).

Benjafield, D. G., and Whitmore, H., *Principles of Australian administrative law*, 3rd edition (Law Book Co., 1966).

de Smith, S. A., *Judicial review of administrative action*, 2nd edition (Stevens, 1968).

Griffith, J. A. G., and Street, H., *Principles of administrative law*, 4th edition (Pitman, 1967).

Portus, J. H., *The development of Australian trade union law* (M.U.P., 1958).

Cooper, W. M., and Wood, J. C., *Outlines of industrial law*, 5th edition (Butterworth, 1966).

Nolan, J. R. W., and Cohen, K. A., *Federal industrial laws*, 4th edition (Butterworth, 1968).

**LL44. The Law of Evidence and Procedure.**

Pre-requisite subjects: Criminal Law and Procedure; The Law of Contract; The Law of Torts.

Pre-requisite or concurrent subjects: The Law of Property; Equity.

The law of evidence generally; pleading and practice in the Supreme Court and Local Court.

## Text-book:

Cross, R. N., and Wilkins, N., *Outline of the law of evidence*, 2nd edition (Butterworth, 1968).

## Reference books:

Cross, R. N., *Evidence*, 3rd edition (Butterworth, 1967).

Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan, 1948).

Phipson, S. L., *The law of evidence*, 10th edition (Sweet and Maxwell, 1963).

*The Supreme Court practice* (Sweet and Maxwell).

Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co., 1934).

Daniell, E. R., *Treatise on the practice of the High Court of Chancery*.

Chitty, T., *Queen's bench forms*, 18th edition (Sweet and Maxwell, 1956).

*Matrimonial causes hand-book* (Government Printer, Canberra, 1961).

Odgers, W. B., *Principles of pleading*, 17th edition (Stevens, 1960).

Cockle, E., *Cases and statutes on the law of evidence*, 10th edition (Sweet and Maxwell, 1963).

**LL54. Legal Ethics and Accounts.**

See Regulation 5A of the LL.B. Regulations.

A course of lectures on the rules and etiquette of professional practice, and on certain basic accounting procedures in the practitioner's office.

**LL05. Taxation Law.**

This course of lectures is given only in alternate years, and will next be offered in 1969.

This course is available to graduates in law, to those who have obtained the final certificate in law, and, with the Faculty's permission, to law students in their final year.

Details of this course and a reading list are available at the Law School.

**LL99. The Honours Degree of Bachelor of Laws.**

See Regulation 3A (1), (a), (b) and (c) of the LL.B. Regulations.

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## FACULTY OF MEDICINE

### SYLLABUS NUMBERS

The first letter identifies the Faculties responsible for the various subjects, as follows:

Faculty of Arts	...	...	A	Faculty of Medicine	...	M
Faculty of Science	...	...	S			

The second letter: if it follows

A, is explained under Faculty of Arts;  
 or S, is explained under Faculty of Science;  
 or M, identifies the medical department teaching the subject as follows:

Anatomy and Histology	...	...	A	Obstetrics and Gynaecology	...	O
Child Health	...	...	C	Pathology	...	P
Medicine	...	...	M	Surgery	...	S
Mental Health	...	...	H			

The first digit

0-6: indicates that the subject forms part of a sequence.  
 7-9: indicates that the subject does not form part of a sequence.

The second digit

1-6: indicates year of subject, e.g. first, second, etc.  
 9: indicates subject available only to candidates for the Honours degree of B.Med.Sc.

### DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY PRELIMINARY EXAMINATION.

#### FIRST YEAR

The schedules prescribe that students take—  
 SP01 Physics I; SC01 Chemistry I; SZ71 Biology; and—  
 A fourth subject chosen from the first-year subjects available for the degree of Bachelor of Arts or Bachelor of Science.  
 (For Syllabuses see under Arts or Science).

### FIRST PROFESSIONAL EXAMINATION

#### SECOND YEAR

#### MA02. Anatomy.

**HISTOLOGY AND EMBRYOLOGY:** Lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body extend over the three terms of second year. Before the time of examination students are required to submit their notebooks as evidence of satisfactory attendance at practical classes. Medical students are expected to provide their own microscopes and the following books (latest editions):

Ham, A. W., *Histology* (Lippincott), or  
 Maximow, A. A., and Bloom, W., *A text-book of histology*, revised by W. Bloom and D. W. Fawcett (Saunders); together with

Hamilton, W. J., and others, *Human embryology* (Heffer).  
 Ford, E. B., *Genetics for medical students* (Methuen).

The following books are recommended for further reading:

Arey, L. B., *Developmental anatomy* (Saunders).  
 Patten, B. M., *Human embryology* (Blakiston).  
 Clark, W. E. Le Gros, *The tissues of the body* (O.U.P.).  
 Corner, G. W., *Ourselves unborn* (Yale U.P.).  
 Langman, J., *Medical embryology: human development, normal and abnormal* (Williams and Wilkins).  
 Smith, C. A., *The physiology of the newborn infant* (Thomas).  
 Harrison, R. J., *Man the peculiar animal* (Pelican).  
 Auerbach, C., *Genetics in the atomic age* (Oliver and Boyd).

**GROSS AND NEURO-ANATOMY:** The course extends over five terms, beginning in the first term of the second year of the medical course, and is so arranged that the dissection of the human body can be completed by the end of the course. The dissecting room is open from Monday to Friday from 9 a.m. to 5 p.m. and on Saturday from 9 a.m. to 11 a.m. during each week of term, under the supervision of the professor, the readers, lecturers and demonstrators.

The practical work includes a series of oral tests on parts of the body, as they are dissected.

The following lectures and practical classes are held:

During the whole period, tutorial classes on regional anatomy.  
 During the first term, a course of introductory lectures on anatomy.  
 During the third, fourth and fifth terms, a course of lectures and practical classes on the gross and microscopical anatomy of the nervous system.  
 During the fifth term, lectures and demonstrations on special topics.

Students must equip themselves with dissecting instruments, half a human skeleton, and the following books (latest editions):

Gray, H., *Anatomy, descriptive and applied* (Longmans); or  
 Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or  
 Lockhart, R. D., and others, *Anatomy of the human body* (Faber).  
 Cunningham, D. J., *Manual of practical anatomy*, vols. 1-3 (O.U.P.).

The following books are recommended for further reading:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).  
 Appleton, A. B., and others, *Surface and radiological anatomy*, latest edition (Heffer).  
 Crosby, Elizabeth C., and others, *Correlative anatomy of the nervous system* (Macmillan).  
 Lockhart, R. D., *Living anatomy* (Faber).  
 Maguire, F. A., *Anatomy of the female pelvis* (Angus and Robertson).  
 Peele, T. L., *The neuroanatomic basis for clinical neurology* (McGraw-Hill).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

## SY12. Biochemistry.

A course of four terms of lectures and laboratory work in biochemistry including both fundamental and applied aspects.

The course will include aspects of: protein structure and function; biochemistry of enzymes; nucleic acids and protein synthesis; biochemistry of gene action; molecular action of antibiotics; metabolism of carbohydrates, amino acids and lipids; molecular functions of vitamins; biochemical control mechanisms; nature of viral diseases, biochemistry of cancer, metabolic disorders; use of biochemistry in diagnosis; molecular approach to disease. The course will include lectures on the more clinical aspects of biochemical disorders.

Text-books:

Harper, H. A., *Review of physiological chemistry*, 11th edition (Lange).  
 Watson, J. D., *Molecular biology of the gene* (Benjamin).

**SS12. Human Physiology.**

The course of lectures and experimental work in Human Physiology extends over the three terms of the second year and the first and second terms of the third year of medical study.

Text-books:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Williams and Wilkins); or

Starling, E. H., and Evans, C. L., *Principles of human physiology*, 14th edition, edited by Davson, H., and Eggleton, M. G. (Churchill).

Ruch, T. C., and Patton, H. D., *Physiology and biophysics*, 19th edition (Saunders).

Students may find the following texts useful as condensed accounts of the course:

Keele, C. A., and Neil, E., *Samson Wright's applied physiology* (O.U.P.).

Ganong, W. F., *Review of medical physiology*, 3rd edition (Lange).

For the continuation of this subject into the fourth year of medical study see Applied Physiology and Pharmacology (SS74).

## THIRD YEAR

**MA03. Anatomy.**

For Syllabus see MA02 Anatomy—under Second Year.

**SY13. Biochemistry.**

For Syllabus see SY12 Biochemistry—under Second Year.

Part of course SY12 is given in Third Year.

**SS13. Human Physiology.**

For Syllabus see SS12 Human Physiology—under Second Year.

## SECOND PROFESSIONAL EXAMINATION

## FOURTH YEAR

**MP74. Pathology.**

The course in Pathology extends over four terms, commencing in the third term of the 3rd year of the medical course. The nature and causes of disease are first considered, and then follows a full consideration of the inflammatory reaction, including tissue regeneration and repair. Other topics are coagulation and its disorders, thrombosis, embolism and infarction, retrograde cellular changes and degenerations, the biological effects of radiant energy, the fundamentals of the neoplastic process, malformations, chromosomal abnormalities, haemorrhage, shock and oedema.

After the introductory course in General Pathology, Special and Applied aspects are considered in some detail. In this course the naked-eye and microscopic changes in diseased organs and tissues are considered, and the morbid physiology of disease is also discussed. The course comprises systematic lectures, weekly tutorials and practical work in histopathology, clinico-pathological demonstrations of selected cases, which are held twice weekly during term, and attendance at necropsies in the mortuary of the Royal Adelaide Hospital.

Necropsies are held daily when material is available, and students are required to attend as many as possible.

For General Pathology:

Text-books:

Walter, J. B., and Israel, M. S., *General pathology*, 2nd edition (Churchill).

## Reference book:

Florey, Sir Howard, *General pathology*, latest edition (Lloyd-Luke).

## For Special Pathology:

## Text-book:

Robbins, S. L., *Text-book of pathology*, 3rd edition (Saunders).

## Reference book:

Willis, R., *Pathology of tumours* (Butterworth).

**SK74. Microbiology.**

Bacteria of medical importance: their isolation, morphology, physiology and classification. The principles of sterilization and disinfection, the use of antibiotics and chemotherapeutic agents. The role of micro-organisms in human disease, considered as a study of host-parasite relationships; epidemiology and its relation to hospital cross-infections. An outline of human virus infections. The collection of specimens for bacteriological and viral diagnosis.

The principles of immunology as applied to the diagnosis, prophylaxis and therapy of bacterial and virus diseases, transplantation, diseases due to allergy or hypersensitivity and autoimmune disease.

The first term consists of introductory lectures and a practical course using basic laboratory techniques. In the following three terms there are weekly tutorials in small groups and weekly seminars on selected clinical topics concerning infectious diseases and immunological problems, including visits to the Children's Hospital and the Northfield Wards of the Royal Adelaide Hospital. Students are expected to take an active part in these clinical presentations.

At all stages the course is related, whenever possible, to clinical material.

## Text-books:

Cruickshank, R. (ed.), *Medical microbiology* (Livingstone).

Humphrey, J. H., and White, R. G., *Immunology for students of medicine*, 3rd edition (Blackwell).

**SS74. Applied Physiology and Pharmacology.**

The course extends through four consecutive terms beginning with the third term in the third year of medical studies. There will be two lectures and one practical class a week in the third term of the third year and one lecture a week throughout the fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

## Text-books:

Laurence, D. R., *Clinical pharmacology*, 3rd edition (Churchill), and Graham, J. D. P., *Pharmacology for medical students* (O.U.P.); or

Goth, A., *Medical pharmacology*, 3rd edition (Mosby).

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 11th edition (O.U.P.); or

Ganong, W. F., *Review of medical physiology* (Lange).

Campbell, E. J. M., Dickinson, C. J., and Slater, J. D. H., *Clinical physiology*, 3rd edition (Blackwell).

Welt, L. G., *Clinical disorders of hydration and acid-base equilibrium*, 3rd edition (Little, Brown).

*Australian pharmaceutical formulary.*

## Reference books:

Goodman, L. S., and Gilman, A., *The pharmacological basis of therapeutics*, 3rd edition (Macmillan).

Harrison, T. R., *Principles of internal medicine*, 5th edition (McGraw-Hill).

Bland, J. H., *Clinical metabolism of body water and electrolytes* (Saunders).

Guyton, A. C., *Text-book of medical physiology*, 3rd edition (Saunders).

## FINAL PROFESSIONAL EXAMINATION, PART I

## FIFTH YEAR

## MO75. Obstetrics and Gynaecology.

A course of lectures in obstetrics and gynaecology is given during the fifth year. Students reside in The Queen Elizabeth Hospital or Queen Victoria Hospital for one clinical term. During this time both obstetric and gynaecological clinical attachments are performed.

Tutorials in practical obstetrics, endocrinology and gynaecological pathology are given during residence.

## Text-books:

- Townsend, L., *Obstetrics for students* (Melbourne U.P., 1964).  
 Townsend, L., *Gynaecology for students*, 2nd edition (Melbourne U.P.).  
 Jeffcoate, T. N. A., *Principles of gynaecology*, 3rd edition (Butterworth, 1967).  
 Reid, D. E., *Textbook of obstetrics* (Saunders, 1962).  
 Willson, J. R., and others, *Obstetrics and gynaecology*, 3rd edition (Mosby).  
 Hamlin, R. H. J., *Stepping stones to labour ward diagnosis* (Rigby, 1959).

## Advanced reading:

- Browne, F. J., and Browne, J. C. M., *Ante-natal and post-natal care*, 9th edition (Churchill, 1960).  
 Howkins, J., *Shaw's text-book of operative gynaecology*, 3rd edition (Livingstone).  
 Moir, J. C., *Operative obstetrics*, 7th edition (Ballière, Tindall and Cox, 1965).  
 Haines, R. M., and Taylor, C. W., *Gynaecological pathology* (Churchill, 1962).  
 Williams, J. W., *Obstetrics*, 13th edition, by N. J. Eastman and L. M. Hellman (Appleton-Century Crofts).  
 Browne, F. J., and Browne, J. C. M., *Postgraduate obstetrics and gynaecology*, 3rd edition (Butterworth, 1964).  
 Hytten, F. E., and Leitch, I., *The physiology of human pregnancy* (Blackwell, 1964).  
 Kistner, R. W., *Gynaecology: principles and practice* (Year Book Medical Publishers, 1964).  
 De Lee, J. B., *Obstetrics*, 13th edition by J. P. Greenhill (Saunders).

## MC75. Pediatrics.

**MEDICAL DISEASES OF CHILDREN:** Lectures, tutorials, and clinical instruction in the general problems of pediatrics, including the newborn.

## Text-book:

- Nelson, W. E., *Text-book of paediatrics*, latest edition (Saunders).

**SURGICAL DISEASES OF CHILDREN:** Lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital.

## Reference book:

- Dennison, W. M., *Surgery in infancy and childhood*, 2nd edition (Livingstone).



## FINAL PROFESSIONAL EXAMINATION, PART II

## SIXTH YEAR

## MM76. Medicine.

A. MEDICINE: A course of lectures in the fourth and sixth years in the principles and practice of medicine, including therapeutics, in general and special diseases.

Clinical instruction is given during both in- and out-patient appointments in general medicine during the third, fourth and sixth years.

1. *Medicine.*

Text-book (fourth year):

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or

Houston, J. C., and others, *A short text-book of medicine* (English Universities Press).

Text-book (sixth year):

Harrison, T. R., and others, *Principles of internal medicine* (McGraw-Hill); or

Price, F. W., *Text-book of the practice of medicine*, 10th edition by R. Bodley Scott (O.U.P.); or

Cecil, R. L. F., and Loeb, R. F., *Text-book of medicine* (Saunders).

Special reference books:

Hinshaw, H. C., and Garland, L. H., *Diseases of the chest* (Saunders).

Brain, R., *Clinical neurology* (O.U.P.).

Friedberg, C. K., *Diseases of the heart* (Saunders).

Sneddon, I. B., and Church, R. E., *Practical dermatology* (Arnold).

De Wardener, H. E., *Kidney disease* (Churchill).

Sherlock, S. P. V., *Liver disease* (Churchill).

Ramsay, A. M., and Edmond, R. T. D., *Infectious diseases* (Heinemann).

Gruchy, G. C. de, *Clinical haematology in medical practice* (Blackwell).

Truelove, S. C., and Reynell, P. C., *Diseases of the digestive system* (Blackwell).

Williams, R. H., (ed.), *Textbook of endocrinology* (Saunders).

2. *Physical Signs.*

Text-book:

Judge, R. D., and Zuidema, G. D., *Physical diagnosis, a physiologic approach* (Little, Brown); or

Major, R. H., *Physical diagnosis*, 7th edition, ed. M. H. Delp and R. T. Manning (Saunders).

3. *Clinical Chemistry.*

Text-book:

Gray, C. H., *Clinical chemical pathology* (Arnold).

4. *Therapeutics.*

Text-books:

Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (Livingstone); or

Chatton, M. J., and others, *Handbook of medical treatment* (Lange).

B. PSYCHOLOGICAL MEDICINE: This course is designed to help the student to appreciate the relevance for all illness of psychological and sociological factors.

In addition, the main forms of mental disorder will be studied by means of lectures and demonstrations, and with the active participation of small groups of students in patient care.

The pre-clinical part of the course deals with the development of human personality and with man's relationships to various groups in society.

In the first clinical term, the student studies the technique of interviewing; and he learns something of the doctor-patient relationship, and of the general symptomatology of mental and emotional disorder.

In the fifth year, the emphasis is on outpatient psychological medicine and the major forms of mental illness including the affective disorders, schizophrenia, psychological breakdown in the elderly, character disorders, alcohol and drug addiction, the psychoneuroses and the psychological problems associated with epilepsy.

In the sixth year, visits to various community and social institutions and agencies are undertaken.

Text-books:

Noyes, A. P., and Kolb, L., *Modern clinical psychiatry*, 7th edition (Saunders).

Sim, M., *Guide to psychiatry* (Livingstone).

Mowbray, R. M., and Roger, T. F., *Psychology in relation to medicine* (Livingstone).

Davis, D. R., *An introduction to psychopathology* (O.U.P.).

Mussen, P. H., and others, *Child development and personality* (Harper and Row).

### MS76. Surgery.

A. SURGERY: A course of lectures and demonstrations extending over three years in the principles and practice of surgery. Clinical instruction is given during in- and out-patient appointments in both general surgery and special subjects during fourth, fifth and sixth years.

Text-books:

Fraenkel, G. J., and Ludbrook, J., *Guide to house surgeons in the surgical unit*, 3rd edition (Heinemann).

Wilson, J. L., and MacDonald, J. J., *Handbook of surgery* (Lange).

Adams, J. C., *Outline of orthopaedics* (Livingstone).

Adams, J. C., *Outline of fractures* (Livingstone).

Ellis, H., and Calne, R. Y., *Lecture notes on general surgery*, 2nd edition (Blackwell).

Judge, R. D., and Zuidema, G. C., *Physical diagnosis* (Little Brown).

Reference books:

Warren, R., *Surgery* (Saunders).

Allen, J. G., and others, *Surgery* (Blackwell).

Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).

Cope, Z., *The early diagnosis of the acute abdomen*, 13th edition (O.U.P.).

Pye, W., *Surgical handicraft* (Wright).

B. DISEASES OF THE EYE: A course of out-patient clinics and lectures dealing with: examination of the eyes; refraction; diseases and injuries of the eyelids, conjunctiva and lachrymal apparatus; diseases and injuries of the eyeball; including glaucoma and amblyopia; ocular signs of systematic disease; affections of the ocular muscles; operations upon the eye and its appendages.

Text-book:

Vaughan, D., and others, *General ophthalmology*, 5th edition (Lange Medical Publications).

Reference books:

Parsons, Sir John H., *Diseases of the eye*, edited by Sir Stewart Duke-Elder (Churchill).

Elder, Sir W. Stewart, Duke-, *Text-book of ophthalmology* (Kimpton). This text-book of ophthalmology is now being replaced by the author's new *System of ophthalmology*, but publication of the proposed 15 volumes is not yet complete.

Newell, Frank W., *Ophthalmology, principles and concepts* (Mosby).

## Equipment:

Students are expected to equip themselves with an ophthalmoscope, an 8 x monocular loupe, a Bishop Harman or Mayou binocular loupe and a torch; details of approved types can be obtained from the Department of Clinical Studies.

C. DISEASES OF THE EAR, NOSE AND THROAT: A course of out-patient clinics and lectures dealing with: nasal obstruction due to disease and injury; acute and chronic sinusitis, symptoms, and treatment; nasal manifestations of allergy and treatment; epistaxis—causes and treatment; throat infections—types, causes and treatment; malignant disease of throat, its surgery and treatment by radiation; dysphagia—types, causes and treatment; cardiospasm; diseases of the larynx and their treatment, with special reference to tuberculosis and cancer; the nature of hearing and deafness; causes and types of deafness and their treatment; suppurative otitis and its complications; tinnitus; vertigo; injuries to ear; vestibular tests.

## Text-book:

Hall, I. S., *Disease of the nose, throat and ear* (Livingstone).

de Weese, D. D., and Saunders, W. H., *Textbook of otolaryngology* (Mosby).

## Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

D. DENTISTRY: Extraction of teeth under local and general anaesthetic on at least four patients; instruction on normal and abnormal arrangement of teeth, the importance of deciduous dentition and conservation of teeth, and recognition and treatment of certain teeth and gum conditions, e.g., temporary treatment of various teeth, abscess conditions, pyorrhoea, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

E. RADIOLOGY: A course of lecture-demonstrations in third year, dealing with: surgical and applied anatomy combined with the radiological investigation of bones and joints, of thorax, of alimentary tract, of liver and gall bladder, of urinary tract, of female pelvic organs and of soft tissues.

F. ANAESTHETICS: A course of lectures during the fourth year and demonstrations during the fifth year on the practical elements of resuscitation, and the applied physiology and pharmacology involved in resuscitation problems, and care of patients at the time of anaesthesia and surgery.

## Medical Ethics.

A short course of lectures on the ethics of the profession.

The relationship of practitioners to one another, to patients, nurses, chemists, friendly societies, the public, advertising, hospitals, the law courts, and the State.

## THE HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE.

MA99. Anatomy for the Honours degree of B.Med.Sc.

SY89. Biochemistry for the Honours degree of B.Med.Sc.

SS69. Physiology for the Honours degree of B.Med.Sc.

MP99. Pathology for the Honours degree of B.Med.Sc.

SK89. Microbiology for the Honours degree of B.Med.Sc.

SS79. Pharmacology for the Honours degree of B.Med.Sc.

SJ89. Genetics for the Honours degree of B.Med.Sc.

AY79. Psychology for the Honours degree of B.Med.Sc.

MX99. Clinical Science for the Honours degree of B.Med.Sc.

Candidates wishing to proceed to the Honours degree should, as soon as possible, consult the Head of the Department in which they wish to work.

## FACULTY OF MUSIC

### SYLLABUS NUMBERS.

The first letter identifies the Faculty of Music: U.

The second letter distinguishes between degree and diploma subjects, and theoretical and practical subjects, as follows:

Degree (theoretical)	... A	Diploma (theoretical)	... C
(practical)	... B	(practical)	... D

The first digit

0-6: indicates that the subject forms part of a sequence.

7-9: indicates that the subject does not form part of a sequence.

The second digit

1-3: indicates year of subject, e.g. first, second or third-year.

[4-8: not used.]

9: indicates Honours.

### DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

#### The Practice of Music

This course of studies is concerned with the development of the candidate's skill in practical musicianship, throughout the three years of the course.

#### Practice of Music I (UB01), II (UB02) and III (UB03).

**CLASSES:** One lecture and two tutorials a week in each year of the course.

**SYLLABUS:** Aural recognition; playing from orchestral and vocal scores; transposition; playing and singing at sight; keyboard harmony; extemporisation; approved group activity (instrumental or choral); elements of conducting; elements of voice production and the physiology of the vocal organs. Performance of approved works (in the case of candidates taking Chief Practical Study I, II or III, this test would be on a subsidiary instrument, or voice).

#### EXAMINATION IN EACH YEAR OF THE COURSE:

- (a) One written paper.
- (b) Practical Examination with *Viva voce*.

#### Text-books:

- Hindemith, *Elementary training* (Associated Music Publishers).  
 Johnson, *Keyboard harmony for beginners* (O.U.P.).  
 Morris, *Figured harmony at the keyboard*, vols. 1-2 (O.U.P.).  
 Creuzburg, *Partiturspiel*, vol. 3 (Schott).

### The Theory of Music

This course of studies is designed to give candidates a thorough knowledge and practical use of the changing styles of writing from the 16th century to techniques of the 20th century.

**Text-book:**

Goldman, R. F., *Harmony in western music* (Norton).

**Reference books:**

Hindemith, *Traditional harmony* (Schott).

Hollinrake, *Foundations of harmony for class teaching* (Novello).

Lovelock, *First-year harmony* (Hammond).

Lovelock, *Second-year harmony* (Hammond).

Baird, *Counterpoint and harmony* (Macmillan).

Piston, *Harmony* (Gollancz).

Piston, *Counterpoint* (Gollancz).

Piston, *Orchestration* (Gollancz).

Andrews, *Oxford harmony*, Book II (O.U.P.).

Morris, R. O., *Figured harmony at the keyboard*, Books I and II (O.U.P.).

Hutchings, *The invention and composition of music* (Novello).

Hindemith, *Craft of musical composition* (A.M.P.).

#### UA01. Theory of Music I.

**CLASSES:** Two lectures and two tutorials a week.

**SYLLABUS:** Advanced theory of music: History of notation: Knowledge of scalar systems, including the ecclesiastical modes and the twelve tone system: Knowledge of instruments and voices: melodic invention: Harmonic analysis and written harmonisation of melodies and basses; two-part writing (instrumental); vocal harmony; continuo realisation.

**EXAMINATION:** Two three-hour papers.

#### UA02. Theory of Music II.

**CLASSES:** Two lectures and two tutorials a week.

**SYLLABUS:** Counterpoint: Harmony: Harmonic analysis: Orchestration: Baroque and Viennese techniques.

Chorale harmonisation in the style of the 17th and 18th centuries: Two-part writing; Instrumental style — keyboard and small orchestra — of Haydn and Mozart. Prescribed scores.

**EXAMINATION:** Two three-hour papers.

#### UA03. Theory of Music III.

**CLASSES:** Two lectures and two tutorials a week.

**SYLLABUS:** Advanced studies in Counterpoint, Harmony, Analysis (i.e. 16th and 20th centuries), Orchestration.

Modal Harmony, 16th century techniques, Ground Bass and Variation techniques, keyboard writing including accompaniment.

Prescribed scores.

**EXAMINATION:** Two three-hour papers.

**Additional Requirements:**

In the third term of the course, a specified time will be allowed for the completion of the following projects:

- (a) an extended exercise in orchestration;
- (b) the composition of an original fugue.

### The History of Music

The History of Music is a study of man and his music against the background of the changing social structure over the centuries, the development of musical forms along with the growth of a people's interest and enjoyment of the art, and the changing pattern of patronage.

#### UA11. History of Music I.

CLASSES: Three lectures a week.

SYLLABUS: An introductory survey of European music from the Middle Ages to the present day, including form, notation and instruments.

Prescribed works:

- Victoria, *O quam gloriosum* (motet).
- Weelkes, *As Vesta was from Latmos Hill descending*.
- Dowland, *In darkness let me dwell*.
- Byrd, *The carman's whistle variations*.
- Bach, *Prelude and fugue in D minor* (Book 1 of the 48).
- Bach, *St. Matthew Passion* (Selected movements: Elgar-Atkins edition).
- Haydn, *String Quartet Op 76 in D minor: slow movement*.
- Mozart, *Pianoforte concerto in A major K488: 1st movement*.
- Mozart, *Marriage of Figaro: "Letter" scene* (Boosey and Hawkes).
- Beethoven, *Symphony No. 3 in E flat major "Eroica", finale*.
- Brahms, *Selections from opus 76*.
- Wagner, *Siegfried Idyll*.
- Vaughan Williams, *Fantasia on a theme by Thomas Tallis*.

Recommended preliminary reading:

- Einstein, *A short history of music* (Cassell).
- Westrup, *An introduction to musical history* (Hutchinson).

Text-book:

- Miller, H. M., *History of music* (College Outline Series: Barnes and Noble, N.Y.).

Reference books:

- Grout, *A history of western music* (Dent).
- Harman and Mellers, *Man and his music* (Barrie and Rockliff).
- Lang, *Music in western civilisation* (Dent).

EXAMINATION: Two three-hour papers:

1. History of Music;
2. Form and analysis of set works.

Assignments completed during the year will be taken into account in determining a candidate's result at the annual examination.

#### UA12. History of Music II.

Pre-requisite subject: History of Music I.

CLASSES: Three lectures a week.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries, including form and critical analysis.

Prescribed works:

- Byrd, *Mass for 5 voices* (Stainer and Bell).
- Glück, *Orfeo* (Novello).
- Mozart, *Symphony No. 41 in C "Jupiter", K 551* (Eulenberg).

Students should provide themselves with scores of the prescribed works at the beginning of the year.

## Reference books:

- Arnold, *Monteverdi* (Dent).  
 Bukofzer, *Music in the baroque era* (Dent).  
 Dart, *The interpretation of music* (Hutchinson).  
 Einstein, *Glück* (Dent).  
 Einstein, *Mozart, his character, his work* (Cassell).  
 Fellowes, *William Byrd* (Oxford).  
 Hutchings, *A companion to Mozart's pianoforte concertos* (O.U.P.).  
 Morley, *A plain and easy introduction to practical music* (Dent).  
 Reese, *Music in the renaissance* (Dent).  
 Schweitzer, J. S. *Bach* (A. and C. Black).  
 Spitta, *Bach* (Dover).  
 Westrup, *Purcell* (Dent).

## EXAMINATION: Two three-hour papers:

1. History of music;
2. Form and critical analysis including aural analysis.

Assignments completed during the year will be taken into account in determining a candidate's result at the annual examination.

## UA13. History of Music III.

Pre-requisite subject: History of Music II.

CLASSES: Four lectures a week.

SYLLABUS: History and development of music during the 19th and 20th centuries. History of musical notation.

## Prescribed works:

- Beethoven, *Fidelio* (Boosey and Hawkes).  
 Mahler, *Symphony No. 1* (Universal).  
 Berg, *Violin Concerto* (Universal).

## Text-books:

- Abraham, G. E. H., *A hundred years of music* (Duckworth).  
 Dart, T., *The interpretation of music* (Hutchinson).  
 Einstein, A., *Music in the romantic era* (Dent).

## Reference books:

- Apel, W., *The notation of polyphonic music* (Medieval Academy of America).  
 Cooper, M., *French music from the death of Berlioz to the death of Fauré* (O.U.P.).  
 Hollander, H., *Leos Janacek, his life and work* (John Calder).  
 Hutchings, A., *Schubert* (Dent).  
 Kemp, I., *Michael Tippett* (Faber).  
 Mitchell, D., and Keller, H., *Benjamin Britten* (Rockliff).  
 Reich, W., *Alban Berg* (Harcourt).  
 Redlich, H., *Bruckner and Mahler* (Dent).  
 Rodman, S., *The heart of Beethoven* (Shorewood).  
 Vlad, R., *Stravinsky* (O.U.P.).

## EXAMINATION: Three three-hour papers:

1. History of music;
2. Analysis of works, prepared and unseen;
3. History of musical notation.

Assignments will be taken into account in determining a candidate's result at the annual examination.

## UA21. Composition I.

CLASSES: A course of instruction throughout the year.

SYLLABUS: The writing of instrumental themes and melodies for chamber or orchestral purposes; the writing of melodic variations for an instrument on given themes; the setting of words for solo voice. Simple keyboard writing.

EXAMINATION: Two three-hour papers.

In addition the candidate must lodge with the Dean of the Faculty of Music two original compositions in a form approved by the Dean.

## UA22. Composition II.

CLASSES: A course of instruction throughout the year.

SYLLABUS: Exercises: in composition of duet-fragments of instrumental writing; in composition of motets for mixed voices; in keyboard writing including variations, and exercises in Sonata Form; in simple orchestration.

EXAMINATION: Two three-hour papers.

In addition the candidate must lodge with the Dean of the Faculty of Music two original compositions one of which shall be instrumental, the other vocal, in a form approved by the Dean.

## UA23. Composition III.

(a) CLASSES: A course of instruction throughout the year.

SYLLABUS: Exercises in trio/quartet/quintet writing, string or woodwind with or without pianoforte; extended development of keyboard writing; studies in vocal and instrumental writing, using twentieth century techniques; scoring for orchestra.

EXAMINATION: Two three-hour papers.

In addition the candidate must lodge with the Dean of the Faculty of Music a major work or a group of works the general nature of which has been approved in advance by the Faculty of Music.

(b) COUNTERPOINT (ADVANCED): A course of instruction throughout the year.

SYLLABUS: Studies in 16th century writing.

EXAMINATION: One three-hour paper.

## Chief Practical Study I (UB21), II (UB22) and III (UB23). ...

This subject is divided into two Schools—Instrumental and Vocal .

INSTRUCTION: A course of individual tuition throughout each year.

SYLLABUS: Studies and works as prescribed.

EXAMINATION:

1. Each candidate will be required to perform all or part of a list of works to be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.
2. Each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
3. Reading at sight.
4. *Viva voce* examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (for his instrument or voice) of representative composers of the main periods of composition.



*Additional requirements:**Instrumental School.*

In the second year of the course—

- a. Students will be required to undertake studies in Chamber Music playing throughout the year.

*Examination:* The performance of a work submitted to, and approved by, the Dean of the Faculty of Music.

- b. Pianoforte students will undertake a course of work designed to give experience in the art of accompanying.

*Examination:* Candidates will be required to accompany performances of several works.

In the third year of the course—

- c. Students will be required to undertake studies in Chamber Music playing throughout the year.

*Examination:* The performance of works submitted to, and approved by, the Dean of the Faculty of Music.

- d. Students who are permitted to present themselves for examination as Solo Performers will be required to undertake the performance with orchestra of a work which has been submitted to, and approved by, the Dean of the Faculty of Music.

Executants not permitted to present themselves for examination as Solo Performers will be required to undertake such additional studies and examinations as may be directed by the Dean of the Faculty of Music.

*Vocal School.*

- a. Modern Languages:

Courses of studies in Italian, German and French designed for the student of singing. The candidate will present himself for an examination in one Modern Language each year. He will be required to attend the classes and to pass the examinations of the three languages during the period of his course.

*Examination:* In each year of the course—

- a. One two-hour paper.  
b. *Viva voce*.

- b. In the second year of the course students will be required to attend a course of studies and pass an examination in English Diction.

*Examination:* In each year of the course—

- a. One two-hour paper.  
b. *Viva voce*.

- c. In the third year of the course students will be required to present themselves for examination in the performance with orchestra or chamber music group of players of a work (cycle, opera scena or oratorio excerpts) which has been submitted to and approved by the Dean.

**Musicology**

A progressive course of studies in musicology.

Text-books:

Apel, W., *The notation of polyphonic music* (Medieval Academy of America).

Wolf, J., *Handbuch der Notationskunde* (Breitkopf and Härtel).

Westrup, J. A., *An introduction to music history* (Hutchinson).

Fellerer, K. G., *Einführung in die Musikwissenschaft* (Sikorski).

Husmann, H., *Einführung in die Musikwissenschaft* (Quelle and Meyer).

Donington, R., *The interpretation of early music* (Faber and Faber).

Engel, H., *Musik und Gesellschaft (Stimmen des 20 Jahrhunderts)*, vol. 3 (Hesse).

Sachs, C., *Real-Lexikon der Musikinstrumente* (Olms).

Donington, R., *The instruments of music* (University Paperbacks).  
 Wood, A., *The physics of music* (University Paperbacks).  
 Nettl, B., *Theory and method in ethnomusicology* (Macmillan).

#### UA31. Musicology I.

##### SYLLABUS:

- (a) Lectures and Seminars in a major proposed field with regular assignments.
- (b) Three shorter studies—
  - i. one ethnomusicological essay.
  - ii. translation of theoretical works in English or German languages.
  - iii. transcription of Mensural Notation or Lute/Keyboard Tablatures.

EXAMINATION: Two three-hour papers.

#### UA32. Musicology II.

##### SYLLABUS:

- (a) Lectures, Seminars in a major field.
- (b) Three formal shorter studies in transcription of Notation and interpretation of Musical Treatises in German and French or Italian, Spanish or a Slav tongue.
- (c) The interpretation of a major musical work in the field of opera or oratorio.
- (d) Ethnomusicological studies (Seminar assignment).

EXAMINATION: Two three-hour papers.

#### UA33. Musicology III.

##### SYLLABUS:

- (a) Lectures and Seminars with assignments.
- (b) Thesis on a prescribed topic.
- (c) The interpretation of a Latin Musical treatise.
- (d) An exercise in Edition technique.

EXAMINATION: Two three-hour papers.

#### Music in Education.

During the two years of the course students will be required to undertake studies and pass examinations in:

- (a) singing
- (b) approved second instrument.

These requirements are in addition to those of Practice of Music.

#### UA41. Music in Education I.

The course directs attention to the scope and organisation of School Music; comparative methods and techniques and fundamental problems at Primary and Secondary levels.

CLASSES: Three periods of one hour each week throughout the academic year embracing lectures, tutorials, demonstrations and discussion.

##### SYLLABUS:

1. Introduction to the study of music in education.
2. Tonal and rhythmic development from pre-school to adolescence.
3. Introduction to music notation and music reading.
4. Music appreciation.
5. The development and training of the child voice.
6. Creative activities in music—including Carl Orff Schulwerk.

7. Lesson and curricula planning for primary and various types of secondary school.
8. Song teaching, repertoire; choir training .
9. Group instrumental activities—organisation, administration, instructional methods, inter-school activities.
10. Extra-curricular activities in music—festivals, concerts, opera, music camps, etc.
11. Aids in teaching—Use of radio, television, audio-visual equipment.

EXAMINATION: Two three-hour papers.

Text-books:

- Great Britain: Education, Ministry of, *Primary Education* (H.M.S.O.)  
 Shaw, W., *Musical education* (Hinrichsen).  
 Rainbow, *Handbook for music teachers* (Novello).  
 Dykema and Cundiff, *School music handbook* (Summy Birchard Co., Evanston, U.S.A.).

Reference books:

- Fiske and Dobbs, *Oxford School Music Books*:  
*Teachers' Manuals: Infant; Beginners; Junior*, vols. 1 and 2;  
*Senior*, vols. 1 and 2 (O.U.P.).  
 Winn, *Teaching music* (O.U.P.).  
 Leonhard and House, *Foundations and principles of music education* (McGraw-Hill).  
 Sur and Schuller, *Music education for teenagers* (Harper).

Periodicals:

- The music teacher and piano student*.  
*Music in education*.  
 Music Educators National Conference, *Journal*.

*Additional requirement:*

*Practical Teaching and Observation Part I and II.*

SYLLABUS: Spread over two years of the course for an aggregate of at least ten weeks there will be planned demonstration lessons, observation periods, discussions and teaching experience in various types of schools.

Candidates must lodge with the Dean of the Faculty of Music by the last day of October, complete analytical notes of teaching practice on which they will be examined in the final *viva voce*.

#### UA42. Music in Education II.

CLASSES: Three periods of one hour each week throughout the academic year.

SYLLABUS: Lectures and seminars on the fundamentals of psychology for the musician and teacher of music; changing perspectives in music in education; theory and practice in the administration of music in education.

1. The function of music in life and education.
2. Historical survey of music in education.
3. Comparative studies of music in education.
4. Supervision and administration of school music.
5. Musicality: influence of hereditary, environmental and educational opportunity for development; socio-economic factors in musical development.
6. Music for exceptional, retarded and physically-handicapped children.
7. The training of the teacher of music.
8. Music in adult education—direct and indirect contact.

EXAMINATION: Two three-hour papers .

*Additional requirement:* Practical Teaching and Observation Part I and II (as set out under Music in Education I).

## Text-books:

- Buck, *Psychology for musicians* (O.U.P.).  
 Green, *Educational psychology* (P & H Paperback).  
 National Society for the Study of Education, *Yearbook 1957, Basic concepts in music education* (University of Chicago).  
 UNESCO, *Music in education; Reports of 1959, 1961 and 1963* (ISME Conferences).

## Reference books:

- Revesz, *Introduction to psychology of music* (Longman).  
 Jeans, *Science and music* (O.U.P. Paperback).  
 Hunter, *Memory, facts and fallacies* (Pelican).

## Periodicals:

- ISME Journal*.  
*MENC Journal of Research in Music Education*.

Principal Study I (UD01), II (UD02) and III (UD03).  
 and

Second Study I (UD11), II (UD12) and III (UD13).

A course of individual tuition throughout the year.

SYLLABUS.—Studies and works as prescribed each year.

## EXAMINATION:

- (a) Each candidate will be required to perform the whole or any part of a list of works to be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.
- (b) Further, each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
- (c) Reading at sight.
- (d) Viva voce examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (of his instrument or vocal) of representative composers of the main periods of composition.

Drama I (UD51), II (UD52) and III (UD53).

These courses are not yet available.

Modern Languages I (UC11), II (UC12) and III (UC13).

Courses of studies in Italian, German and French languages designed to give the student of singing an experience suited to his particular requirements in modern languages.

- EXAMINATION: a. One one-hour paper.  
 b. Viva voce.

## UD21. Practical Tests I.

## SYLLABUS:

1. Aural: recognition of intervals, chords and progressions including dictation.
2. Keyboard: sight reading; keyboard harmony and transposition.

## EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

## Reference book:

- Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

## UD22. Practical Tests II.

## SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including vocal open scores with G and F clefs); sight singing; transposition; keyboard harmony and transposition.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

## EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

## Reference books:

- Lang, C. S., *Score reading exercises*, Book I (Novello).  
 Pilling, *Harmonisation of melodies at the keyboard*, Book I (Forsyth).  
 Lovelock, *Graded exercises in transposition* (Hammond).

## UD23. Practical Tests III.

## SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including open score with C clefs, and string quartet scores); more advanced harmony and improvising tests than for Practical Tests II.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

## EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

## Reference books:

- Eldridge, C., *Exercises in playing from three-part score* (Novello).  
 Lang, C. S., *Score reading exercises*, Book II (Novello).  
 Pilling, *Harmonisation of melodies at the keyboard*, Book II (Forsyth).

## Speech Training I (UD31) and II (UD32).

This course is divided into two parts, appropriate to the specific years of the diploma course for singing students.

The aims of the course of instruction are: (a) to provide training in good vocal production for speech; (b) to develop well-toned speech in harmony with a cultural background; (c) to develop poise, confidence and skill in ordinary social intercourse and in speaking to an audience; (d) to stir thought and imagination, to cultivate taste and judgment in literature, both written and spoken.

SYLLABUS.—Mechanics of speech; phonetics; prosody, gesture and mime; verse speaking and prose reading; historical knowledge of the authors of the works studied.

## Reference books:

- Horner, A. M., *Speech training* (Black).  
 Ward, Ida, *Phonetics of English* (Heffer).  
 O'Donnell, Margaret, *Feet on the ground. An approach to modern verse* (Blackie).  
 Storey, Barbara, *The way to good speech* (Nelson).

## EXAMINATION:

- (a) Viva voce and practical examination in the works studied, with sight reading of verse and prose.
- (b) A short prepared speech on a given subject.
- (c) One two-hour paper or prescribed essays throughout the year.

## UC21. Principles of Class Music Teaching I.

A survey of music education for primary grades, its aims and methods designed to equip the teacher for school music.

## SYLLABUS:

Consideration is given to the development of the child at this age level and the course covers essential principles in the following areas:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; developing concepts of pitch; the Tonic Solfa and relative pitch; absolute pitch; major and minor modes; rhythm.
3. The use of notation for pitch and rhythm; music reading and dictation.
4. Music expression and appreciation.
5. Music making—through singing (unison and in harmony); improvisation and playing instruments.
6. Lesson planning.

EXAMINATION: One three-hour paper.

## Text-books:

- Penrose, A. I., *Method in the teaching of music in schools* (S.A. Education Department).  
Winn, C., *Teaching music* (O.U.P.).

## Reference books:

- Fiske, R., and Dobbs, J., *The Oxford school music book—junior and senior teacher's manuals* (O.U.P.).  
Chamberlain, M., *Ear training* (O.U.P.).  
MacPherson, S., and Read, E., *Aural culture* (Williams).  
Winn, C., *Children singing* (O.U.P.).  
Rainbow, B., *Music in the classroom* (Heinemann).

## UC22. Principles of Class Music Teaching II.

The work is extended to cover essential principles, methods and materials for secondary level.

## SYLLABUS:

1. The adolescent; class management.
2. Curricula and lesson planning.
3. Elements in musical experience and how to use them—singing, aural training, music appreciation, music reading, creative work.
4. Choir training and treatment of the adolescent voice.
5. Repertoire and aids—choral, instrumental, appreciation.
6. Organisation and administration, extra curricular activities in music.

EXAMINATION: One three-hour paper.

## Text-books:

- Hooper, C., *Teaching music to classes* (Arnold).  
Shaw, H. W., *Music in the secondary school* (Dobson).

## Reference books:

- Mellalieu, *The boy's changing voice* (O.U.P.).  
McKenzie, *Training the boy's changing voice* (Rutgers).  
Ehret, *The choral conductor's handbook* (Augener).  
Fishburn, *Fundamentals of music appreciation* (Longmans).  
Scholes, *Music, the child and the masterpiece* (O.U.P.).  
Sur and Schuller, *Music for teenagers*.  
National Council of Social Service, *Youth makes music*.  
Periodical: *Music educator's national conference journal*.

## UC23. Principles of Class Music Teaching III.

## SYLLABUS:

1. Philosophy: School music aims and objects.
2. Investigation and application of psychology to school music teaching.  
Musical Aptitude.  
Memory.  
Executant Factors.
3. Training the musician and teacher.
4. Comparative methods in music education.
5. Organisation and administration of instrumental programme in schools.
6. Music supervision.
7. Music education in society.

EXAMINATION: One three-hour paper.

## Text-books:

- Unesco, *Music in education* (U.N.E.S.C.O.).  
 Shaw, H. W., *Musical education* (Hinrichsen).  
 Mursell, J. L., and Glenn, M., *The psychology of school music teaching* (Silver Burdett).

## Reference books:

- Buck, P. C., *Psychology for musicians* (O.U.P.).  
*Oxford companion to music* (references to articles provided) (O.U.P.).  
 Ann Arbor Microfilm Library Publications, *Elder Conservatorium library*.

## Periodicals:

- The school music teacher*.  
*MENC journal of research in music education*.

## The Scope of School Music I (UC31), II (UC32) and III (UC33).

SYLLABUS.—This subject covers the essential features of the teacher's equipment in school music teaching. It is many-sided, yet the main object is to build the teacher's power and capacity in the awakening of the school student's interest in music, and the development of his imaginative receptiveness and his appreciation.

The subject is divided into three parts, each applicable to a definite period of the school years, the primary school, the middle school, and the secondary school.

The aspects of study include:

- (a) Musical appreciation—the training of the child mind as an intelligent listener, the cultivation of his imaginative faculty and his power of observation, the building of the child's capacity to discriminate and enjoy.
- (b) Creative work.
- (c) Study of the families of the classical orchestra and orchestral scores, and school orchestra technique and instrumentation.
- (d) Conducting as applied to school choir and school orchestra.
- (e) Keyboard facility—practical harmony, transposition, improvisation, the art of accompanying.
- (f) Repertoire—material (song and instrumental) suitable for class instruction.
- (g) The use of leisure—music clubs, gramophone.
- (h) Methods of teaching—the application of psychological principles to methods of teaching with special reference to the class teaching of music for school children.

Throughout the course the instruction is under the guidance of one lecturer, but special groups of lectures are given by specialist teachers in the various aspects of the work.

EXAMINATION: Viva voce examination, in addition to one three-hour paper.

## Ensemble Playing I (UD42) and II (UD43).

**SYLLABUS:** The study of prescribed works and attendance at a practical class for instruction throughout the year.

**EXAMINATION:** The performance of a work submitted to and approved by the Dean of the Faculty of Music.

## UC71. Historical Studies.

The course comprises two sections:

## A. Form:

**SYLLABUS:** Structure and analysis.

## B. History of Music:

**SYLLABUS:** Outline of European Musical History from the Middle Ages to the present day.

Prescribed works:

- Victoria, *O quam gloriosum* (motet).
- Weelkes, *As Vesta was from Latmos Hill descending*.
- Dowland, *In darkness let me dwell*.
- Byrd, *The carman's whistle variations*
- Bach, *Prelude and fugue in D minor* (Book 1 of the 48).
- Bach, *St. Matthew passion* (Selected movements: Elgar-Atkins edition).
- Haydn, *String Quartet Op. 76 in D minor: slow movement*.
- Mozart, *Pianoforte concerto in A major K488: 1st movement*.
- Mozart, *Marriage of Figaro: "Letter" scene* (Boosey and Hawkes).
- Beethoven, *Symphony No. 3 in E flat major "Eroica" Finale*.
- Brahms, *Selections from opus 76*.
- Wagner, *Siegfried Idyll*.
- Vaughan Williams, *Fantasia on a theme by Thomas Tallis*.

Recommended preliminary reading:

- Einstein, *A short history of music* (Cassell).
- Westrup, *An introduction to musical history* (Hutchinson).

Text-books:

- Miller, H. M., *History of music* (College Outline Series: Barnes and Noble).

Reference books:

- Colles, *The growth of music, 3rd edition*, (O.U.P. 1956).
- Grout, *A history of western music* (Dent).
- Harman and Mellers, *Man and his music* (Barrie and Rockliff).
- Lang, *Music in western civilisation* (Dent).

**EXAMINATION:** Two three-hour papers:

1. Form;
2. History of Music.

## UD72. Accompanying.

A course of work designed to give students of the Pianoforte School experience in the art of accompanying. The literature studied will be mainly drawn from vocal writing of the eighteenth and nineteenth centuries.

**EXAMINATION:** Candidates will be required to accompany in the performance of several works.

## UC73. Literature of Music.

**SYLLABUS:** A study of the history and literature of music of the candidate's own instrument, or, in the case of students in the Vocal School, vocal music.

**EXAMINATION:** One three-hour paper.



**UD73. Concerto.**

1. Instrumental School—Diploma students will be required to present themselves for examination, in the third year of the course, in the performance of a concerto with orchestra.

2. Vocal School—Diploma students will be required to present themselves for examination in the third year of the course in the performance of a work (cycle, opera or oratorio scene) with orchestra or chamber music group of players.

In each case the work to be performed must be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term.

**UC83. Methods of Teaching.**

**SYLLABUS:** A course of work designed to cover the principles and practice of the teaching of music.

**EXAMINATION:** In addition to the examination in Chief Practical Study III candidates will be required:

1. to present a programme suitable for teaching purposes;
2. to discuss the fundamental principles of the technique of their own instrument (or voice); and
3. to show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

**UC93. Musical Criticism and Aesthetics.**

**EXAMINATION:** One three-hour paper.

Reference books:

Tovey, *Musical textures* (O.U.P.).

Tovey, *The integrity of music* (O.U.P.).

Graf, M., *Composer and critic* (Chapman and Hall).

Demuth, N., *Anthology and musical criticism* (Eyre and Spottiswoode).

Howes, F., *Man, mind, and music* (Secker and Warburg).

Seashore, *In search of beauty in music* (Ronald Press).

Newman, *From the world of music* (Calder).

**THE HONOURS DEGREE OF BACHELOR OF MUSIC.**

One of Composition IV (UA99), Chief Practical Study IV (UB99), Musicology IV (UA89), Music in Education III (UA79).

*In addition:*

**UX99. Honours Exercise or Thesis.**

As determined or approved by the Faculty of Music in each case.

**UA99. Composition IV.**

**EXAMINATIONS:**

1. Harmony—One six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
2. Orchestral project: The scoring for full orchestra of a specified movement.
3. *Vive voce* examination.

In addition to the above papers the candidate must lodge with the Dean by September 30th of the year in which the candidate intends to take the examination, a major work, or a group of works, the general nature of which has been approved in advance by the Faculty of Music.

*Additional Requirements:*

(a) *Advanced Studies*, including serial technique.

Folio of work completed during the year shall be submitted for examination to the Dean of the Faculty of Music by the last day of October.

(b) *Advanced Orchestration.*

Folio of work completed during the year shall be submitted for examination to the Dean of the Faculty of Music by the last day of October.

**UB99. Chief Practical Study IV.**

(a) A course of individual study throughout the year.

**EXAMINATION:** Two recital programmes, submitted to and approved by the Dean, for public performance.

(b) *Repertoire.*

**SYLLABUS:** A study of the history and literature of music of the candidate's own instrument, or, in the case of students in the Vocal School, vocal music.

**EXAMINATION:**

1. One three-hour paper.
2. Harmony—one six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
3. Orchestral project: The scoring for full orchestra of a specified movement.
4. *Viva voce* examination.

**UA89. Musicology IV.**

**SYLLABUS:**

- (a) Lectures and Seminars with assignments.
- (b) Extension of thesis on prescribed topic.
- (c) Transcription of Neumes or a non European musical notation.

**EXAMINATION:**

- (a) One paper in Ethnomusicology.
- (b) An historical paper, including Sociology and Acoustics.
- (c) Harmony—One six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
- (d) Orchestral project: The scoring for full orchestra of a specified movement.
- (e) *Viva voce* examination.

Candidates work during the year, including the submission of a satisfactory thesis, will be taken into account in determining his results at the annual examination.

**UA79. Music in Education III.**

**SYLLABUS:** Three particular areas of interest from the course in Music in Education should be selected as early as possible in the academic year.

After submission for approval to the lecturer in charge of Music in Education arrangements for investigations, surveys or research should be made.

Two research projects must be completed by the last day of the second term and the third must be submitted before the final examination.

**EXAMINATION:**

1. Two three-hour papers on any aspect of music in education, including the selected projects.
2. Harmony—One six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
3. Orchestral project: The scoring for full orchestra of a specified movement.
4. *Viva voce* examination.

**ADDITIONAL SUBJECTS.**

The Department of Music also provides syllabuses UA51, UA52, UA53, UA68 and UA69 (see under Faculty of Arts).

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## BOARD OF STUDIES IN PHYSICAL EDUCATION

### SYLLABUS NUMBERS.

The first two letters identify the Faculty and Department providing a subject, as follows:

- AY Faculty of Arts, Department of Psychology.
- MA Faculty of Medicine, Department of Anatomy and Histology.
- SS Faculty of Science, Department of Physiology.
- SY Faculty of Science, Department of Biochemistry.

The letters ZZ identify the Board of Studies in, and the Department of, Physical Education.

The first digit differentiates the subjects.

The second digit

2, 3: indicates year of subject, i.e. second or third.

### DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION.

#### MEDICAL AND PHYSICAL EXAMINATIONS

Every student entering for the practical exercises and every student entering upon a course of lectures leading to the diploma or certificate in Physical Education for the purpose of taking the examination in that course, must be prepared to attend the various examinations which will be held as early as possible in March. Enrolments should be made early to facilitate the necessary arrangements.

Students will also be required to present themselves for such repeat examinations as may be prescribed for them during the progress of their course.

All students are advised to consult the Lecturer-in-Charge of Physical Education as early as possible in the year and to acquaint themselves with the arrangements for their examinations.

### SECOND YEAR

#### ZZ02. Health Education.

This course provides a foundation study for the subject of health education with particular reference during the first two terms to human and personality development. Third term is devoted to a study of the content and methods of health education.

The course consists of one lecture a week for three terms.

Reference books:

- Bibby, H. C., *Health education*.
- Gabriel, J., *Children growing up* (University of London Press).
- Great Britain, Ministry of Education, *Health education* (H.M.S.O.).
- Clements, F. W., and McCloskey, B. P., *Child health, its origins and promotion* (Arnold).
- Murray, R. E., and Scott, G. C., *Personal and community health* (Angus and Robertson).

**ZZ12. Body Mechanics.**

This course consists of lectures and practical work during two periods a week for three terms.

A detailed study of the human skeletal and muscular systems, and their association with the nervous system, to assist in the understanding of bodily movement; posture in standing, sitting, and in movement; postural errors, their causes, effects, and preventive treatment; examination of patients for the recognition of postural defects.

## Reference books:

- Smout, C. F. V., and McDowall, R. J., *Anatomy and physiology for students of physiotherapy* (Arnold).
- Great Britain, Air Ministry, *Principles of anatomy and physiology for physical training instructors* (H.M.S.O.).
- Perrott, J. W., *Anatomy for students and teachers of physical education* (Arnold).
- Gardiner, M. Dena, *The principles of exercise therapy*, revised edition (Bell).
- Kendall, H. O., and Kendall, F. P., *Posture and pain* (Williams and Wilkins).
- Rathbone, J. L., *Corrective physical education* (Saunders).
- Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).
- Wells, K. F., *Kinesiology—the mechanical and anatomical fundamentals of human motion* (Saunders).

**ZZ22. First Aid.**

This course consists of lectures and practical work, having special reference to the needs of physical education students, but also providing some background for those who have not already qualified for their St. John Certificate.

**ZZ32. Practice of Physical Education.**

This course consists of lectures and discussions on the work of administering physical education in practice, and occupies two periods a week.

It covers the nature of physical education in schools and its place in the curriculum; the organisation of physical education with particular reference to equipment, staffing, and administration; the work of the teacher in preparing tables of exercises, adjusting practical work to suit ages, weather and other conditions; establishing standards and developing interest. Methods of organising classwork, problems connected with class management and discipline, and methods and procedures of value in work with clubs, welfare groups and recreation centres are also discussed.

Students are introduced to the study of kinesiology with particular reference to the structural bases of motion, the classification of motion and the factors influencing motion.

Credit is given for class exercises and essays.

## Reference books:

- Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).
- Nixon, J. E., Flanagan, L., and Frederickson, F. S., *An introduction to physical education*, 6th edition (Saunders).
- Great Britain, Board of Education, *Physical education in the primary school: Part I, Moving and growing. Part II, Planning the programme* (H.M.S.O., 1952-4).
- Syllabuses of physical education prepared by the Australian Education Departments.*

- Morehouse, L. E., and Rasch, P. J., *Scientific basis of athletic training* (Saunders).
- British Empire and Commonwealth Conference on Physical Education, Third, Perth, 1962.*
- McCloy, C. H., and Young, N. D., *Tests and measurements in health and physical education* (Appleton).
- Wells, K. F., *Kinesiology*, 3rd edition (Saunders).
- Kranz, L. G., *Manual of kinesiology*, ed. C. W. Thompson, 5th edition (Mosby).
- Huizinga, J., *Homo ludens: a study of the play element in culture* (Routledge and Kegan Paul).
- Tanner, J. M., *Growth at adolescence* (Blackwell).
- Jones, H. E., *Motor performance and growth* (University of California Press).
- UNESCO, *The place of sport in education.*
- Central Council of Physical Recreation, Wolfenden Committee on Sport, *Sport and the community* (The Council).

#### ZZ62 and ZZ63. Practical Work.

Candidates are required to attend demonstrations and to take part in practical classes in various branches of physical activity for two years. Each year's work requires about 12 periods a week throughout the academic year. Attendance at practical classes is compulsory.

Students are required to achieve a reasonable standard of proficiency and teaching skill in the various branches. There is no formal examination, the student being assessed on his work throughout the year. The Lecturer-in-Charge has, notwithstanding, the right to prescribe a formal examination in any one or all branches of practical work.

Except in special cases approved by the Board of Studies in Physical Education a candidate who fails in more than one subject of either part will be required to repeat the whole of the practical work of that part. Part I must be completed before Part II is taken.

The course in swimming is spread over two years and a standard approximating that of the Royal Life Saving Society's Bronze Medallion is expected to be reached.

A prescribed gymnastic costume must be worn for all practical subjects.

#### ZZ62. Practical Work, Part I.

For men: Gymnastics and minor games; dancing; organised sports and physical recreational activities; swimming; hiking and camping; individual and team games.

For women: Gymnastics and minor games; organised sports and physical recreational activities; movement education; dancing; swimming; hiking; and camping; individual and team games.

#### AD01. Education.

For syllabus, see under Faculty of Arts, Department of Education.

#### MA92. Human Biology.

The course consists of two lectures a week for three terms.

The first lectures deal with the characteristics of living matter in general, the living cell, and the basic anatomy of different animal groups, thus presenting man as a member of a species with an evolutionary history and with a definite relationship to other members of the animal kingdom. Next follows a description of the basic tissues of the body and then, at some length, the anatomy of the different systems of the body is discussed together with their microscopical structure and functions, an attempt always being made to relate structure and function to one another. Some aspects of pathology are also discussed in so far as these can be simply related to the normal. Following after the skin these lectures deal with the skeleton and joints, the muscular and nervous systems, the sense receptors, the circulatory and respiratory systems, the alimentary tract and

associated organs, the excretory system and the ductless glands: the last system discussed is that concerned with reproduction and this leads to an account of the embryological development and growth of the body and the normal and abnormal growth of tissues. Then heredity and environment are considered as factors concerned in normal development and in the production of disease. Lastly, bacteria, viruses and zool parasites of man are briefly discussed and their effects on normal bodily function considered.

In general, the course is designed to serve as an introduction to biological science for students with little or no previous knowledge of the subject. The main emphasis is on the normal anatomy and physiology of man placed in his proper zoological perspective.

Text-books:

- De Coursey, R. M., *The human organism* (McGraw-Hill); or  
 Gowland, W. P., and Cairney, J., *Anatomy and physiology for nurses* (Peryer).

Books for reference and further reading:

- Abbie, A. A., *Principles of anatomy* (Angus and Robertson).  
 Baitzell, G. A., *Human biology* (McGraw-Hill).  
 Barnett, A., *The human species*, chapters 1-7 (Pelican).  
 Dale, A., *Introduction to social biology*, especially chapters 1-6 (Heinemann).  
 Easton, D. M., *Mechanisms of body functions* (Prentice-Hall).  
 Greisheimer, E. M., *Physiology and anatomy* (Pitman).  
 Harrison, R. J., *Man the peculiar animal* (Pelican).  
 Sinclair, D. C., *Introduction to functional anatomy*, Parts I and II (Blackwell).  
 Waddington, C. H., *Biology for the modern world* (Harrap).

Further references to special subjects may be given during the course of lectures.

### THIRD YEAR

#### ZZ13. Clinical Observation and Remedial Work.

Following the course in Body Mechanics, a series of hospital visits is arranged during the third year. Students are shown how to observe postural defects and deformities common among school children and young adults. X-rays of the bony changes occurring in deformities are explained, and corrective exercises demonstrated. The possibilities of preventive work in schools through early recognition of signs and symptoms, and through correct habitual postures, are demonstrated.

Students will be required to write several papers applying this clinical observation to their own practical work. There will be a practical examination at the end of the course.

Reference book:

- Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).  
 Powell, M., *Orthopaedic nursing*, 5th edition (Livingstone).  
 Morton D., *The human foot* (Columbia University Press).  
 Steindler, Arthur, *Kinesiology* (Thomas).  
 Duvall, E. N., *Kinesiology: the anatomy of motion* (Prentice-Hall).  
 Bowen Wilbur, P., *Applied anatomy and kinesiology* (Kimpton).  
 Ferguson, Albert B., *Orthopaedic surgery in infancy and childhood* (Williams and Wilkins).  
 Hauser, E. D. W., *Curvatures of the spine* (Thomas).  
 Tidy, N. M., *Massage & remedial exercises in medical and surgical conditions*, 10th edition (Williams and Wilkins).

## ZZ43. Principles of Physical Education.

This course consists of a series of lectures on the history and principles of physical education together with seminar discussions on topics and problems arising from the lectures and directed reading, and will take two periods a week for three terms. The unity of body-mind and the scientific bases of physical education are stressed, and the aims and the place of physical education in the life of the individual, the school and the modern community are discussed.

The course in kinesiology is extended to include kinetics, the application of mechanical principles in the analysis of motion, and the methods of kinesiological investigation.

Credit is given for class exercises and essays.

## Reference books:

- Gardiner, E. N., *Athletics of the ancient world* (O.U.P.).  
 Rice, E. A., *Brief history of physical education* (Barnes).  
 Williams, J. F., *Principles of physical education* (Saunders).  
 Jacks, L. P., *Education of the whole man* (U.L.P.).  
 Jacks, L. P., *Education through recreation* (U.L.P.).  
 Jacks, M. L., *Physical education* (Nelson).  
 Smithells, Philip A., *Atlantic gap*.  
 British Medical Association, *Report of the Physical Education Committee*.  
 Randall, M. W., *Modern ideas on physical education* (Bell).  
 McIntosh, P. C., *Physical education in England since 1800* (Bell).  
 Munrow, A. D., *Pure and applied gymnastics* (Arnold).  
 McIntosh, P. C., and others, *Landmarks in the history of physical education* (Routledge and Kegan Paul).  
 Randall, M. W., and Waive, W. K., *Objectives of the physical education lesson* (Bell).  
 Birmingham University, Physical education department, *Britain in the world of sport*.  
 Natan, A., *Sport and society* (Bowes).  
 Smithells, P. A., and Cameron, P. E., *Principles of evaluation in physical education* (Harper).  
 Karpovich, P. V., *Physiology of muscular activity*, 5th edition (Saunders).  
 Johnson, W. R., *Science and medicine of exercise and sports* (Harper).  
 Bunn, J. W., *Scientific principles of coaching* (Prentice-Hall).  
*Colloquium on exercise and fitness* (Athletic Institute).  
*Health and fitness in the modern world* (Athletic Institute, Chicago).  
 Rasch, P. J., and Burke, R. K., *Kinesiology and applied anatomy* (Lea and Febiger).  
 Jokl, E., and Simon, E., *International research in sport and physical education* (Thomas).  
 Henry, F. M., *Work physiology* (University of California Press).

## Selected journals:

- Research Quarterly* (A.A.H.P.E.R., Washington, D.C.).  
*Australian Journal of Physical Education*.  
*Physical Education* (P.E. Association of Great Britain and Northern Ireland).  
*Journal of Sports Medicine and Physical Fitness*.  
*New Zealand Journal of Physical Education*.

## ZZ63. Practical Work, Part II.

For men: Gymnastics and minor games; athletics and organised sports; swimming; combative exercises; hiking and camping; individual and team games.

For women: Gymnastics and minor games; athletics and organised sports; swimming; movement education; dancing; hiking and camping, individual and team games.

**ZZ73. Practical Teaching.**

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons, and approximately ten weeks (or its equivalent, not necessarily consecutive) of teaching practice in such schools and under such conditions of supervision and reports as may be approved.

In addition to this work in schools, teaching practice and leadership experience may be prescribed for students in clubs, camps, and playgrounds either during term or in vacation.

**AY73. Physiological Psychology.**

This course is intended to provide an appreciation of the fundamental processes involved in the learning and execution of sensory-motor skills. An attempt will be made to relate human performance to underlying anatomical and physiological characteristics wherever possible. Consideration will also be given to individual differences and changes in ability with age.

The course will extend over three terms and will consist of one lecture a week.

## Reference books:

- Gagné, R. M., and Fleishman, E. A., *Psychology and human performance* (Holt, 1959).  
 Welford, A. T., *Ageing and human skill* (O.U.P., 1958).  
 Attneave, F., *Applications of information theory to psychology* (Holt, New York, 1959).  
 Cratty, B. J., *Movement behaviour and motor learning*, 2nd edition (Lea and Febiger).  
 Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).  
 Fitts, P. M., and Posner, M. I., *Human performance* (Brooks-Cole).

**SS73. Human Physiology.**

This course consists of two lectures or lecture-demonstrations a week for three terms, and is taken in the third year of the course.

In this course the principles of human physiology are dealt with, and special attention is given to those functions which, directly or indirectly, are connected with muscular exercise. An elementary knowledge of chemistry and physics is desirable.

## Text-books:

- Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology*, 11th edition (Longmans); or  
 Bell, G. H., and others, *Textbook of physiology and biochemistry*, 6th edition (Livingstone).  
 Guyton, A. C., *Function of the human body*, 2nd edition (Saunders).  
 Morehouse, L. E., and Miller, A. T., *Physiology of exercise*, 4th edition (Mosby).

## Reference book:

- Johnson, W. R., *Science and medicine of exercise and sports* (Harper, 1960).

**SY73. Human Nutrition.**

This course consists of one lecture a week for three terms. After a general introduction, the course deals with the following main divisions of the subject: the elementary chemistry of energy-providing foodstuffs; energy and protein requirements of the body; the mineral constituents of the diet; accessory food factors; the processes of digestion absorption and excretion; food preservation and food poisoning; the relative value of common natural foods and the economic aspects of nutrition.

The course includes a special course in chemistry. Students are expected to have knowledge of physics to the intermediate stage.

## Text-books:

- Mottram, V. H., *Human nutrition* (Arnold); or  
 Sherman, H. C., *Chemistry of food and nutrition* (Macmillan).  
 Marston, H. R., and Dawbarn, M. C., *Food composition tables* (C.S.I.R. Bulletin 178).

Other references will be given during the course of the lectures.



## BOARD OF STUDIES IN PHYSIOTHERAPY

### SYLLABUS NUMBERS

The two letters identify the Faculties and/or Departments responsible for the various subjects, as follows:

Faculty of Arts, Department of Psychology ... .. AY  
 Faculty of Science, Department of Human Physiology and  
 Pharmacology ... .. SS  
 Faculty of Medicine, Department of Anatomy and Histology ... MA  
 Department of Physiotherapy ... .. PP

The first digit

0-6: indicates that the subject forms part of a sequence.  
 7-9: indicates that the subject does not form part of a sequence.

The second digit

1-3: indicates year of subject, e.g. first, second or third.

### FIRST YEAR

#### MA21. Anatomy I.

**HISTOLOGY AND EMBRYOLOGY.**—A course of lectures, demonstrations and practical classes extending over three terms.

**ANATOMY.**—A course on human biology during the first term, and courses on the topographical anatomy of the extremities and trunk during the whole of the year.

**PRACTICAL.**—Students are required to dissect the extremities and the trunk. Special demonstrations are held throughout the year.

During the third term students dissect the human brain and make themselves familiar with its major macroscopic features.

Text-books:

Cunningham, D. J., *Manual of practical anatomy*, latest edition (Angus and Robertson).

Lockhart, R. D., *Living anatomy* (O.U.P.).

Hamilton, W. J., and others, *Human embryology* (Heffer); or

Williams, P. L., and Wendell-Smith, C. P., *Basic human embryology* (Pitman).

Hewer, E. E., *Text-book of histology for medical students* (Heinemann).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Cunningham, D. J., *Text-book of anatomy* (O.U.P.); or

Gray, H., *Anatomy, descriptive and surgical* (Longmans); or

Lockhart, R. D., and others, *Anatomy of the human body* (Faber).

Students must equip themselves with dissecting instruments and half a human skeleton. Some microscopes are available for hire.

**SS81. Physiology.**

The course consists of two lectures a week for three terms. It deals with: Blood, lymph and tissue fluid; circulatory system; respiration; essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; central nervous system and essentials of nerve and muscle physiology.

**Text-books:**

- Bell, G. H., and others, *Textbook of physiology and biochemistry*, 6th edition (Livingstone).  
 Guyton, A. C., *Function of the human body*, 2nd edition (Saunders).

**PP71. Physics.**

The course consists of one lecture a week throughout the year and deals with relevant topics in physics, viz., force, moments, and energy, temperature, heat-energy, humidity, ventilation; production and properties of infra-red, visible, and ultra-violet radiations; ultrasonics; electricity and magnetism, including the production and properties of direct, alternating and high-frequency currents; ionization and electrolysis, shielding of apparatus, heating by high-frequency currents, microwaves, etc.

Practical demonstrations will be held at the Royal Adelaide Hospital in second term.

**Text-books:**

- Clayton, E. B., *Electrotherapy and actinotherapy*, 5th edition, ed. P. M. Scott (Balliere, Tindall and Cassell).  
 Webster, H. C., and Robertson, D. F., *Medical and biological physics* (Queensland U.P.).

**Reference book:**

- Sears, F. W., and Zemansky, M. W., *College physics* (Addison-Wesley).

**PP01. Treatment I.**

The course consists of two hours a week during the first and second terms.

**THEORY.**—Eleven lectures on history of medicine. Brief review of primitive medicine; medicine in Mesopotamia; that of the Ancient Egyptians, Persians, Indians and Chinese. Greek medicine; the Alexandrian School; medicine in the Roman Empire; Arabic medicine; the medieval awakening; the rise of the Universities; anatomical advance and its influence on surgery; the experimental era and its wealth of discoveries; the contribution of physicists; bacteriologists; clinical teachers and pathologists to medicine; anaesthesia; nursing; outline of advances over last 100 years; history of the physiotherapy profession (Chartered Society and Australian Physiotherapy Association).

Ten lectures on the theory of massage manipulations, their effects, uses and contra-indications; passive movements of joints of arm and leg; the principles and application of relaxation therapy; the effects of general massage and description of that used for certain vascular conditions.

**Reference books:**

- Licht, S. H. (ed.), *Massage, manipulation and traction* (E. Licht).  
 Harris, H., *How to live with your nerves and like it* (British Medical Association, London).  
 Jacobson, E., *Anxiety and tension control* (Lippincott).  
 Fink, D. H., *Release from nervous tension* (Simon and Schuster).  
 Fink, D. H., *For people under pressure* (Simon and Schuster).  
 Osler, W., *The evolution of modern medicine* (Yale U.P.).  
 Mettler, F. A., *History of medicine* (Blakiston).  
 Marti-Ibañez, F., *A pictorial history of medicine* (Spring Book, London).  
 Marti-Ibañez, F., *A prelude to medical history* (M.D. Publications, Inc.).  
 Inglis, B., *A history of medicine* (Weidenfeld and Nicolson).

- Walker, K., *The story of medicine* (Arrow Books).  
 Guthrie, D., *A history of medicine* (T. Nelson and Sons).  
 Castiglioni, A., *A history of medicine* (Alfred A. Knopf, New York).  
 Major, R., *A history of medicine*, part 2 (Thomas).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

#### PP11. Movement I.

The course consists of one hour a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises.

Levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; fundamental starting positions.

##### Text-book:

Gardiner, M. Dena, *The principles of exercise therapy* (Bell).

##### Reference books:

Wells, K. F., *Kinesiology* (Saunders).

Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).

Steindler, Arthur, *Kinesiology* (Thomas).

Duvall, E. N., *Kinesiology; the anatomy of motion* (Prentice-Hall).

Bowen, Wilbur, *Applied anatomy and kinesiology* (Kimpton).

#### AY71. Psychology IA.

For syllabus see under Faculty of Arts.

### SECOND YEAR

#### MA22. Anatomy II.

ANATOMY.—Lectures on the topographical anatomy of the head and neck during the first and second terms.

NEUROLOGY.—Students attend the course of lectures on neurology given in the first two terms to medical students but do not take part in the practical work.

PRACTICAL.—Students dissect the head and neck.

##### Text-books:

No additional books are required, but the following are recommended for general reading:

Jones, F. Wood, *Principles of anatomy as seen in the hand* (Baillière Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

#### PP02. Treatment II.

The course consists of three hours a week throughout the year.

##### Section (A).

Brief revision of causes, changes, signs and symptoms of the following conditions, with detailed aims and methods of treatment by physiotherapy: fractures, dislocations and amputations; sprains; muscle trauma; synovitis; rheumatic conditions, scars, pressure sores; deformities; pre- and post-natal treatments; burns; peripheral nerve lesions. The forms of electrotherapy which are beneficial are mentioned, but no details are given of dosage or methods of application. Principles and application of hydrotherapy with demonstration and practice in a pool.

## Section (B) PAEDIATRICS.

Principles of treatment of deformities affecting children with study of pathology, signs and symptoms; specific methods of treatment by splinting, passive stretching and exercises. Also neurological and muscular conditions including spina bifida, poliomyelitis, cerebral palsy and muscular dystrophy.

## Text-books:

- Maitland, G. D., *Vertebral manipulation* (Butterworth).  
 Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).  
 Heardman, H., *Physiotherapy in obstetrics*, 3rd edition, ed. M. Ebner (Livingstone).

## Reference books:

- Townsend, *Obstetrics for students* (Melbourne U.P.).  
 Randall, M., *Training for childbirth* (Churchill).  
 Adams, J. C., *Outline of fractures* (Livingstone).  
 Adams, J. C., *Outline of orthopaedics* (Livingstone).  
 Cash, J. E., *Physiotherapy in some surgical conditions* (Faber).  
 Cyriax, J. H., *Text-book of orthopaedic medicine*, Vol. 2 (Cassell).  
 Read, G. D., *Childbirth without fear* (Heinemann).  
 Powell, M., *Orthopaedic nursing*, 5th edition (Livingstone).  
 Colson, J. H., *Rehabilitation of the injured* (Cassell).  
 De Lorme, T. L., *Progressive resistance exercise* (Appleton-Century-Crofts).  
 Stoddard, A., *Manual of osteopathic technique* (Hutchinson).  
 Vellay, P., *Childbirth without pain* (Hutchinson).  
 Parry, C. B. Wynn, *Rehabilitation of the hand* (Butterworth).  
 Lowman, C. LeRoy, and Roen, S. G., *Underwater therapy* (Rubel Memorial Library, Los Angeles, California).  
 Bolton, E., and Goodwin, D., *Introduction to pool exercises* (Livingstone).  
 Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone).  
 Ferguson, A. B., *Orthopaedic surgery in infancy and childhood* (Williams and Wilkins).  
 Kite, J. H., *The club foot* (Grune and Stratton).  
 Wiles, P., and Sweetman, R., *Essentials of orthopaedics* (Churchill).  
 Kiernander, B., *Physical medicine in pediatrics* (Butterworth).  
 Lake, N. C., *The foot*, 4th edition Ballière, Tindall and Cox).  
 Aufranc, O. E., *Constructive surgery of the hip* (Mosby).  
 Strange, I. G., *The hip* (Heinemann).

## PP12. Movement II.

The course consists of two hours a week during the three terms.

**THEORY.**—Principles for building schemes of exercises: commands; apparatus; the body mechanics, muscle work and effects and uses of all starting positions derived from the fundamental positions. Mechanics, muscle work and effects of exercises for each joint working in its various directions, passive mobilisation of joints. Schemes of exercises suitable for conditions benefited by remedial exercises, including pre- and post-natal work. During the second and third terms the theory of muscle function and mass muscle patterns as an introduction to neuro muscular re-education.

**PRACTICE** (Students working on each other).—During the first term the practice of physical education with emphasis on the normal physical development in various age groups and on class work. Students are taught to take and to teach the fundamental and derived positions accurately. Original and educational exercises are built up for all muscle groups. Basic movement approach to physical activities and functional activities are taught. Class work: commands co-ordination exercises including Frenkels. Progressive resistance exercises; use of slings and pulleys; Klapp's crawling exercises.

Students teach each other exercises suitable for the correction of postural faults, deformities, after-effects of injury, etc., and those used to assist in recovery from medical conditions.

Reference books:

- Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).  
 Gardiner, M. Dena, *The principles of exercise therapy* (Bell).  
 Bowen, Wilbur P., *Applied anatomy and kinesiology* (Kimpton).  
 Steindler, Arthur, *Kinesiology* (Thomas).  
 Kendall, F. M., and H. O., *Muscles: testing and function* (Williams and Wilkins).  
 Knott, M., and Voss, D., *Proprioceptive neuromuscular facilitation* (Hoeber).  
 Duvall, E. N., *Kinesiology; the anatomy of motion* (Prentice-Hall).  
 Huddleston, O. L., *Therapeutic exercises; kinesiotherapy* (Davis).  
 Brunnstrom, S., *Clinical kinesiology* (Blackwell).  
 Williams, M., and Lissner, H. R., *Biomechanics of human motion* (Saunders).

PP82. Pathology.

The course consists of one lecture a week for three terms, and practical work in the laboratory of histopathology.

A. GENERAL PATHOLOGY.—Acute and chronic inflammation, immunity, atrophy and hypertrophy, thrombosis, embolism and infarction—benign and malignant tumours.

B. SPECIAL PATHOLOGY.—Diseases of the cardiovascular, respiratory, alimentary, genitourinary, central nervous systems, connective tissues, bones and joints.

TEXT-BOOKS.—Advice will be given at the outset of term.

PP22. Electrotherapy I.

The course consists of one lecture and one and a half hours' practical work a week throughout the year.

Electromedical currents: apparatus and accessories, effects, general rules for treatment. Electrical reactions of muscles and nerves: Wallerian degeneration, technique and value of testing; types of testing; electrical stimulation for treatment. Low frequency currents: galvanic current and ion transfer, faradic and sinusoidal; physics and physiological effects; technique and dangers. High frequency currents and apparatus: short-wave diathermy; microwave diathermy; ultra-sonics; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra-red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra-violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications. Cautery: apparatus; technique; indications and contra-indications.

Text-book:

- Clayton, E. B., and Scott, P. M., *Electrotherapy and actinotherapy*, 5th edition (Baillière, Tindall and Cox).

Reference books:

- Beckett, R. H., *Modern actinotherapy* (Heinemann, 1955).  
 Scott, B. O., *Principles and practice of diathermy* (Heinemann).  
 Scott, B. O., *The principles and practice of electrotherapy and actinotherapy*.  
 Licht, S. H., *Therapeutic heat and cold*, 2nd edition (Licht).  
 Summer, W., and Patrick, M. K., *Ultrasonic therapy* (Elsevier).

**PP32. Practice of Hospital Work I.**

The course covers certain nursing procedures, bandaging, splinting, practical massage and mobilising techniques (students working on each other), ethics and professional conduct and a general outline of other medical ancillary services. The practical work on patients is carried out at the Royal Adelaide Hospital, the Queen Elizabeth Hospital, the Adelaide Children's Hospital, and a mental-health institution.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms.

B. IN-PATIENTS.—Approximately 25 hours during the second or third terms.

**THIRD YEAR****PP03. Treatment III.**

The course consists of one lecture a week and daily clinical instruction during the three terms, and includes the theory and practice of specialised medical and surgical treatments.

In addition, there are eight lectures by an orthopaedic surgeon, four lectures by a neuro-surgeon, eight lectures on medical conditions by a physician, eight lectures by a doctor of physical medicine, four lectures by a chest surgeon, six lectures on the physiotherapy of chest conditions, six lectures on manipulations of joints, and four lectures in psychiatry.

## Reference books:

- Hobson, E. P. G., *Physiotherapy in paraplegia* (Churchill).  
 Brain, R., *Clinical neurology* (O.U.P.).  
 Fletcher, E., *Medical disorders of the locomotor system including rheumatic diseases* (Livingstone).  
 Cash, Joan E., *Text-book of medical conditions for physiotherapists* (Faber and Faber).  
 Kendall, H. O., and F. M., *Posture and pain* (Williams and Wilkins).  
 Allen, Edgar van Nuys, and others, *Peripheral vascular diseases* (Saunders).  
 Rusk, H. A., *Living with a disability* (Blakiston).  
 Buchwald, Edith, *Physical rehabilitation for daily living* (McGraw-Hill).  
 Bartholomew, A. E., *The treatment of gravitational ulcers by physiotherapy* (London, Facsimile Letter Press).  
 Buchwald, Edith, *A bladder and bowel training program for patients with spinal cord disease* (Rehabilitation Monograph III).  
 Storey, G. N., *Thoracic surgery for physiotherapists* (Faber and Faber).  
 Thacker, E. W., *Postural drainage* (Lloyd-Luke).  
 Hollis, M., and Roper, M. H. S., *Suspension therapy* (Baillière, Tindall and Cox).  
 Kersley, G. D., *The rheumatic diseases* (Heinemann).  
 Ebner, M., *Connective tissue massage* (Livingstone).  
 Licht, S. H., *Massage manipulation and traction* (E. Licht).  
*Spinal injuries symposium: 1963* (Morrison and Gibb).

**PP13. Movement III.**

The course consists of two lectures a week throughout the three terms.

General principles of muscle re-education; examination of a patient; joint movements and muscle function. Methods of muscle testing and charting. Mass movement patterns. Techniques of proprioceptive and exteroceptive facilitation and its application to pathological conditions. Discussion of various methods of treating cerebral palsy and other spastic conditions. Methods of mobilising joints.

## Reference books:

- Gesell, A., Gesell, L., and Armatruda, C. S., *Developmental diagnosis* (Hoerber).  
 Gesell, A., Gesell, L., and Armatruda, C. S., *The embryology of behaviour* (Harper).  
 Kendall, H. O., and Kendall, F. P., *Muscles: testing and function* (Williams and Williams).

Further references will be suggested at lectures.

**PP23. Electrotherapy II.**

The course consists of 8 lecture demonstrations and discussion on techniques of electrical testing; the treatment of local infections with physical agents; methods of stimulating healing; the use of electrotherapy in the treatment of certain conditions affecting the eyes and nose; evaluation of different forms of heat.

Clinical teaching and practical work is carried out during the three terms.

## Reference book:

Licht, S. H., *Electro-diagnosis and electromyography* (Licht).

Other reading will be suggested at lectures.

**PP33. Practice of Hospital Work II.****A. At the Royal Adelaide Hospital:**

The course extends over sixteen weeks. Work in the wards covers experience in orthopaedics, chest surgery, neuro-surgery, and general medical and surgical cases. Out-patient work includes class work, general treatments, and all types of electrical treatment, the treatment of gravitational ulcers; and manipulation of the spine. The students work approximately 30 hours a week.

**B. At the Queen Elizabeth Hospital:**

The course comprises 30 hours a week for eight weeks and includes practice in the wards, the Physiotherapy Department, clinical teaching, and attendance at physical-medicine clinics.

**C. At the Adelaide Children's Hospital:**

The course comprises 30 hours a week for eight weeks and includes clinical practice in the wards, the Physiotherapy Department, instruction and practice in neuromuscular re-education and in the making of splints. There is also one hourly tutorial each week during the three terms.

**D. At the Queen Victoria Hospital:**

Students attend five mornings a week for four weeks, the work covering pre- and post-natal work and clinical instruction.

**E.** At all hospitals, case notes must be kept and submitted for examination at the end of each term. The results are submitted to the board of examiners at the end of the year.

**F.** Visits to special centres are arranged in vacations.

**PP43. Physical Medicine.**

A course of nine lectures to cover:

1. Clinical examination and interpretation of findings in relation to specific skeletal syndromes and their pathology including relevant radiology. Principles of treatment of the above syndromes.
  2. Co-ordination of physiotherapy treatment with medical and other ancillary medical treatments in the rehabilitation programme of a patient.
  3. Use of drugs in Physical Medicine.
  4. Electro-diagnosis.
-

## FACULTY OF SCIENCE

### SYLLABUS NUMBERS

The first letter identifies the Faculty of Science: **S**.

The second letter identifies the Department teaching the subject, as follows:

Biochemistry ... .. <b>Y</b>	Mathematics ... .. <b>M</b>
Botany ... .. <b>B</b>	Microbiology ... .. <b>K</b>
Chemistry; see Physical and Inorganic Chemistry; Organic Chemistry	Organic Chemistry (for sub- jects, see under Chemistry) ... <b>O</b>
Computing Science ... .. <b>A</b>	Physical and Inorganic Chemis- try (for subjects, see under Chemistry) ... .. <b>C</b>
Economic Geology ... .. <b>E</b>	Physics ... .. <b>P</b>
Genetics ... .. <b>J</b>	Physiology; see Human Physiology and Pharma- cology.
Geology and Mineralogy ... <b>G</b>	Statistics (for subjects, see after Mathematics) ... .. <b>T</b>
Human Physiology and Pharma- cology (for subjects, see under Physiology) ... .. <b>S</b>	Zoology ... .. <b>Z</b>
Mathematical Physics ... .. <b>F</b>	

#### The first digit

- 0-6: Indicates that the subject is in sequence with another subject.
- 7-9: Indicates that the subject is not in sequence with another subject.

#### The second digit

- 1, 2, 3: Indicates year of subject, e.g. first, second or third.
- 4: Indicates subject of Course A or Course B for the Diploma in Computing Science.
- [5-6: Not used.]
- 8: Indicates subject taken by intending Honours student before the Honours year.
- 9: Honours.

**NOTE:** Some subjects for the degree of B.Sc. are taught by Departments of other Faculties. In the syllabus numbers of those subjects the two digits do not necessarily have the significance shown in the Faculty of Science table above.

The subjects are:

WA02 Agriculture I	AY23 Psychology II (S)
AJ83 Geography IIC	WB13 Soil Science I
MA13 Histology	WB73 Soil Science IA
AY01 Psychology I	WB83 Soil Science IB
AY22 Psychology I (S)	

The syllabuses of these subjects may be found, in alphabetical order, after the last Faculty of Science subject, Zoology.

### BIOCHEMISTRY.

There are several combinations of subjects with Biochemistry I in second year which are appropriate for students intending to take Biochemistry II in third year. There is a place in the subject both for those strongly biased towards the biological or towards the physico-chemical subjects. However, as general guidance, students who wish to specialise in Biochemistry are advised to take at least



one of the second-year chemistry subjects (Chemistry II, Organic Chemistry II or Physical and Inorganic Chemistry II). For appreciation of modern biochemistry probably the most suitable subjects to take along with Biochemistry I are two of the following: Chemistry II, Genetics I, Organic Chemistry II, Physical and Inorganic Chemistry II. Other subjects are, however, not excluded.

### SY02. Biochemistry I.

Pre-requisite subjects: Division I pass or higher in Chemistry I (SC01) and a pass or higher in Physics I (SP01) or Mathematics IS (SM71) or Mathematics I (SM01).

A course of three hour lectures and six hours practical work a week and tutorials.

The course will include: protein structure and function; biochemistry of enzymes; nucleic acids and protein synthesis; biochemistry of gene action; molecular action of antibiotics; metabolism of carbohydrates, amino acids and lipids; molecular functions of vitamins; biochemical control mechanisms in the cell.

The practical work will be related to these topics.

Text-books:

Mazur, A., and Harrow, B., *Biochemistry: a brief course* (Saunders).

Watson, J. D., *Molecular biology of the gene* (Benjamin).

Reference books:

Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper and Row).

Fincham, J. R. S., *Microbial and molecular genetics* (E.U.P.).

## THIRD-YEAR SUBJECTS IN BIOCHEMISTRY

Pre-requisite subject for all third-year subjects in Biochemistry: Biochemistry I (SY02) at Division I pass, or higher, standard.

The Department offers the following double-units, each of which consists of about 27 lectures and about 108 hours' practical work:

1. **BIOCHEMISTRY OF GENE ACTION:** Structure, function and replication of DNA and RNA and investigational procedures; antibiotic action; biochemistry of virus infection.

2. **PROTEIN STRUCTURE AND FUNCTION:** Amino acid sequences in proteins and procedures for their determination; relation of these sequences to structure and function of proteins and active sites of enzymes; chemical synthesis, structure and function of polypeptide hormones; correlation of chemical and physical studies on protein structure and function; sub-unit structure of enzymes, multi-enzyme systems, viruses and ribosomes; mechanism of protein synthesis.

3. **ENZYMES:** Enzyme kinetics and relation to reaction pathways and catalytic sites; enzyme specificity and reaction mechanisms; regulatory enzymes and control of metabolic pathways; isoenzymes; multi-enzymes; biochemical evolution of enzymes; control of enzyme biosynthesis; mammalian control mechanisms.

The subjects offered are:

### SY03. Biochemistry II.

A group C(1) subject. Double-units 1, 2, 3.

### SY23. Biochemistry IIA.

A group C(2) subject. Double-units 1 and 2 and the units in Physical and Inorganic Chemistry on Statistical Thermodynamics and Inorganic Reaction Mechanisms.

### SY33. Biochemistry IIB.

A group C(2) subject. Double-units 2 and 3 and the units in Physical and Inorganic Chemistry on Quantum Chemistry and Molecular Spectra.

**SY43. Biochemistry IIC.**

A group C(2) subject. Double-units 1 and 2 and the double-unit in Botany and Zoology on Cells and Embryos.

**SY53. Biochemistry IIM.**

A group C(3) subject. With approval of the Heads of the Department concerned, a combination of two double-units from the above list together with two units or one double-unit from another department.

Text-books (for all subjects):

Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper and Row).

Reference books (for all subjects):

Alexander, P., and Block, R. J. (eds.), *A laboratory manual of analytical methods of protein chemistry* (Pergamon).

Dawes, L. A., *Quantitative problems in biochemistry*, 3rd edition (Livingstone).

Neurath, H., and Tuppy, H., *The proteins*, 2nd edition (Academic Press).

Martin, R. B., *Introduction to biophysical chemistry* (McGraw-Hill).

Dixon, M., and Webb, E. C., *The enzymes*, 2nd edition (Longmans).

Hayes, W., *The genetics of bacteria and their viruses*, 2nd edition (Blackwell).

Luria, S. E., and Darnel, J. E., *General virology* (Wiley).

Stanier, R. Y., *et al.*, *The microbial world*, 2nd edition (Prentice-Hall).

**SY99. Biochemistry for the Honours degree of B.Sc.**

Pre-requisite subject: Biochemistry II (SY03), or Biochemistry IIA (SY23), or Biochemistry IIB (SY33), or Biochemistry IIC (SY43), or Biochemistry IIM (SY53). In exceptional cases students having passed another group C (2) subject, which includes as part of it one of the Biochemistry double-units, may be considered for entry into the Honours class.

Candidates are required to give their full time for an entire academic year to a special course of study and experimental work in the Department of Biochemistry. Candidates will normally be expected to start the course on February 3, but this can be altered in special circumstances by arrangement with the Professor of Biochemistry.

The work will include participation in a series of lecture-symposia on topics of modern biochemistry; participation in research seminars, and the performance of research work under the supervision of one or more members of the Biochemistry Department staff. At the end of the year candidates will be required to sit a written examination, and submit the results of their research work in the form of a thesis. Reading work necessary for the lecture-symposia will be prescribed during the course, and candidates will write a review of literature on their research topics early in the course.

**ADDITIONAL SUBJECTS.**

**SY12. Biochemistry.**

**SY13. Biochemistry.**

**SY89. Biochemistry for the Honours degree of B.Med.Sc.**

For syllabuses see under Faculty of Medicine.

**SY82. Biochemistry.**

For syllabus see under Faculty of Dentistry.

**SY73. Human Nutrition.**

For syllabus see under Physical Education.

## BOTANY.

*Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.*

EXAMINATIONS.—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

## SB01. Botany I.

A course occupying seven hours per week (the equivalent of two lectures and five hours' practical) throughout the year, covering the following: an outline of the structure, reproduction and evolutionary relationships of the main phyla of plants, with emphasis on the angiosperms; plant physiology; elementary ecological concepts; an introduction to genetics and evolution; the basis of angiosperm taxonomy and floral biology, including use of a flora.

TUTORIALS: Included in the above course.

FIELD WORK: Two full day excursions are held on Saturdays: (1) primitive plants, (2) plant ecology and taxonomy. Dates of these field trips will be advised early in first term.

## Text-books:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science*, 3rd edition (Wiley).

Goldsby, A., *Cells and energy* (Macmillan).

Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts 1-4 (Government Printer, Adelaide).

## Biology.

For Biology (SZ71), which is given jointly by the Departments of Botany and Zoology, see under Zoology.

## SB02. Botany II.

Pre-requisite subjects: Chemistry I (SC01), and Botany I (SB01) at Division I or higher standard. On the basis of additional work in Botany, Biology (SZ71) may be accepted as a pre-requisite instead of Botany I (SB01). Such students should consult the Professor of Botany in December of the year before they intend to begin the course.

The course comprises two lectures and two practical periods per week throughout the year.

FIELD WORK: An ecology field camp of five days during the first week of the August vacation; several half-day excursions during second and third terms.

- A. *Plant Physiology*: The structure of plant cells and their permeability to water and solutes. Sources of metabolic energy. Movement of water, mineral ions and organic solutes within the plant. Plant growth.

## Recommended books:

Fogg, G. E., *The growth of plants* (Pelican).

Steward, F. C., *Plants at work* (Addison-Wesley).

Strafford, G. A., *Essentials of plant physiology* (Heinemann).

- B. *Plant Ecology*: Principles and practice of plant ecology: ecological anatomy; biostatistics.

## Text-books:

Greig-Smith, P., *Quantitative plant ecology*, 2nd edition (Butterworth).

Esau, K., *Anatomy of seed plants* (Wiley).

## Reference books:

To be notified during the course.

- C. *Principles of the Evolution and Taxonomy of the Angiosperms*: Natural selection and speciation; experimental taxonomy; taxonomic concepts illustrated by selected families and genera (especially Australian). A representative herbarium of between 50 and 80 species of South Australian plants is to be made during the year and submitted by the last day of lectures, and a taxonomic project is carried on throughout the year. Both herbarium and project count toward final marks.

## Text-books:

- Stebbins, G. L., *Processes of organic evolution* (Prentice-Hall).  
 Davis, P. H., and Cullen, J., *The identification of flowering plant families* (Oliver and Boyd).  
 Black, J. M., *Flora of South Australia*, vols. 1-4 (Government Printer, Adelaide).  
 Cotton, B. C. (ed.), *South Australian national parks and wildlife reserves* (Government Printer, Adelaide).

## Reference books:

- Rendle, A. B., *Classification of flowering plants*, vol. 2., *Dicotyledons* (C.U.P.).  
 Eichler, Hj., *Supplement to J. M. Black's Flora of South Australia* (Government Printer, Adelaide).  
 Bailey, L. H., *Manual of cultivated plants* (Macmillan).  
 Hill, A. F., *Economic botany* (McGraw-Hill).  
 Willis, J. H., *Manual and dictionary of flowering plants and ferns* (C.U.P.).  
 Heywood, V. H., *Plant taxonomy* (Arnold).

## SB72. Botany IIP.

Pre-requisite subjects: Chemistry I (SC01), and Botany I (SB01) at Division I or higher standard. On the basis of additional work in Botany, Biology (SZ71) may be accepted as a pre-requisite instead of Botany I (SB01). Such students should consult the Professor of Botany in December of the year before they intend to begin the course.

This subject is designed for (and only available to) students taking Palaeontology (SG13) with which it forms a group E subject.

The subject comprises units I (Phycology section only) and 2(1) from Botany III (SB03) and the third-term part (C) of Botany II (SB02).

Text-books are as set for these courses.

## THIRD-YEAR SUBJECTS IN BOTANY.

Pre-requisite subjects for all third-year subjects in Botany: Chemistry I (SC01), and Botany II (SB02) at Division I or higher standard; or special permission of the Head of the Department for particular units.

The Department offers the following double-units, each of which comprises three lectures and three practical periods (11 hours) a week throughout the year. An additional term's work (double-unit 4) may be taken coupled with appropriate units or double-units in other departments.

FIELD WORK: Field trips are normally held in conjunction with double-units 1 (Phycology section) (first term vacation—about four days) and 2(2) (second term vacation—about five days).

I. COMPARATIVE MORPHOLOGY AND PHYLOGENY OF NON-VASCULAR PLANTS: First term. Comparative morphology of the algal phyla and of the fungi; biological, ecological and economic aspects. (One period a week on phycology; one full day a week on mycology at the Waite Institute.)

## Text-books:

- Mycology: Alexopolous, C. J., *Introductory mycology* (Wiley).  
 Phycology: Dawson, E. Y., *Marine botany* (Holt).

## Reference books:

- Mycology: Ainsworth, G. C., and Bisley, G. R., *A dictionary of the fungi*, 5th edition (Imperial Mycological Institute).  
 Phycology: Fritsch, F. E., *Structure and reproduction of the algae*, vols. 1 and 2 (C.U.P.).  
 Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, parts 1 and 2 (Government Printer, Adelaide).

The following double-units, 2(1) and 2(2), are alternatives.

2 (1). COMPARATIVE MORPHOLOGY AND PHYLOGENY OF BRYOPHYTES AND VASCULAR PLANTS: Second term. This course includes fossil representatives, with emphasis on the lower vascular phyla and gymnosperms.

A separate project (which may be associated with double-unit 1) is included in this course.

Text-books:

- Sporne, K. R., *The morphology of pteridophytes* (Hutchinson).  
 Sporne, K. R., *The morphology of gymnosperms* (Hutchinson).  
 Watson, E. V., *The structure and life of bryophytes* (Hutchinson).

Reference books:

- Dittmer, H. J., *Phylogeny and form in the plant kingdom* (Van Nostrand).  
 Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman).  
 Smith, G. M., *Cryptogamic botany*, 2nd edition, vol. II (McGraw-Hill).

OR

2 (2). ENVIRONMENTAL PHYSIOLOGY AND ECOLOGY: Second term. Physiological aspects of the ecology of arid zone plants; micro-meteorology, plant energy balances, water relations, transpiration, productivity, instrumentation and arid zone physiology.

A separate project (which may be associated with double-unit 1) is included in this course.

FIELD WORK: A camp of five days is part of this course.

Reference books:

To be notified.

3. PLANT BIOCHEMISTRY: Third term. Enzymes, photosynthesis, respiration, nitrogen metabolism; metabolism of growth; cell physiology.

Reference books:

- Davies, D. D., and others, *Plant biochemistry* (Blackwell).  
 Whittingham, C. P., *The chemistry of plant processes* (Methuen).

4. CELLS AND EMBRYOS (given jointly with Zoology): Third term. Fertilisation; normal and asymmetric division of cells; differentiation of cells and regulation of cellular activities; polarity in spores, eggs and embryos; induction; control of growth and form in animals and plants.

Reference books:

- De Robertis, E. D. P., and others, *Cell biology* (4th edition of *General Cytology*) (Saunders).  
 Ebert, J. D., *Interacting systems in development* (Holt).  
 Barth, L. J., *Development—selected topics* (Addison-Wesley).  
 Sinnott, E. W., *Plant morphogenesis* (McGraw-Hill).

The subjects offered are:

**SB03. Botany III.**

A group C(1) subject. Double-units 1, 2(1) or 2(2), 3.

**SB13. Botany IIIA.**

A group C(2) subject. Double-units 1, 2(1) or 2(2), 4.

**SB33. Botany IIIM.**

A group C(3) subject. With approval of the Heads of the Departments concerned, a combination of two double-units from the above list together with two units or one double-unit from another department.

## SB99. Botany for the Honours degree of B.Sc.

Pre-requisite subjects: Botany III (SB03), or Botany IIIA (SB13), Botany IIIB (SB23), or Botany IIIM (SB33), or special permission of the Head of the Department.

Candidates for the Honours degree in Botany are required to show a more detailed knowledge than is required for the Ordinary Degree, and to pass a more stringent examination. Some particular branch of Botany will be studied more intensively and research work will be undertaken. Candidates may be required to satisfy the Professor that they have a reading knowledge of French, German or Russian.

Books of reference are set from time to time by the Professor. Further reading is prescribed during the course. Intending Honours candidates are expected to read during the long vacation before they begin their final year, and should consult the Professor of Botany, who will advise a suitable course.

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 CHEMISTRY.

Students who intend to take third-year subjects in the Departments of Physical and Inorganic Chemistry or Organic Chemistry are advised to take the following combinations of first- and second-year subjects: *First Year*: Chemistry I, Physics I, Mathematics I or Mathematics IS, and either Biology or Geology I; *Second Year*: Physical and Inorganic Chemistry II, Organic Chemistry II, and Biochemistry I or Pure Mathematics II or Applied Mathematics II or Physics II. Other combinations are acceptable but students are advised to consult Heads of Departments before enrolling.

Before enrolling for third year unit-courses all students *must* discuss their programmes with the Heads of the Departments.

A student who wishes, or who thinks he may wish, to proceed to Honours in either Department of Chemistry is advised to discuss his course programme with Heads of Departments concerned as early as possible.

## PHYSICAL AND INORGANIC CHEMISTRY

## SC01. Chemistry I.

There are no formal pre-requisites for Chemistry I, but a knowledge of Matriculation Chemistry, Physics and Mathematics I will be assumed.

The course consists of three lectures and three hours practical work and one tutorial each week throughout the three terms of the year.

Students will be required to complete regular work assignments based on the lecture course and prescribed text-books.

The course of lectures deals with an introduction to atomic theory and valency, inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry. The practical course is designed to serve as an introduction to practical inorganic chemistry, physical chemistry and organic chemistry.

## Text-books:

- Mahan, B. H., *University chemistry* (Addison-Wesley).  
 Mackenzie, C. A., *Unified organic chemistry*, International Student Reprint (Harper and Row), or  
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 3rd edition (International student edition) (McGraw-Hill).

## Reference books:

- Gray, H. B., and Haight, G. P., *Basic principles of chemistry* (Benjamin).  
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).  
 Castellon, G. W., *Physical chemistry* (Addison-Wesley).  
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).  
 Companion, A. L., *Chemical bonding* (McGraw-Hill).

**SC02. Physical and Inorganic Chemistry II.**

Pre-requisite subjects: Physics I (SP01), Mathematics I (SM01) or Mathematics IS (SM71) and a Division I pass or higher in Chemistry I (SC01).

The course consists of three lectures, one tutorial and not less than six hours' practical work a week throughout the three terms of the year.

The lectures serve as an introduction to chemical thermostatics, electrochemistry, atomic spectra and molecular structure, co-ordination chemistry, chemistry of the transition metals and non-metals.

The practical courses deal with physical chemistry, preparative inorganic chemistry and modern instrumental analysis.

**Text-books:**

- Castellan, G. W., *Physical chemistry* (Addison-Wesley) or  
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).  
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).  
 Basolo, F., and Johnson, R. E., *Co-ordination chemistry: The chemistry of metal complexes* (Benjamin).  
 Banwell, C. N., *Fundamentals of molecular spectroscopy* (McGraw-Hill).  
 Gray, H. B., *Electrons and chemical bonding* (Benjamin).  
 Hannay, N. B., *Solid state chemistry* (Prentice-Hall).

**Reference books:**

- Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).  
 Azaroff, L. V., *Introduction to solids* (McGraw-Hill).  
 Vogel, A. I., *A text-book of quantitative inorganic analysis*, 3rd edition (Longmans).  
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).  
 Bearman, R. J., and Chu, B., *Problems in chemical thermodynamics* (Addison-Wesley).

**SC12. Chemistry II.**

Pre-requisite subjects: A Division I pass, or higher, in Chemistry I (SC01) and a pass, or higher, in Mathematics IS (SM71) or Mathematics I (SM01) or a knowledge of mathematics deemed satisfactory by the Head of the Department of Physical and Inorganic Chemistry.

The course consists of three lectures and six hours practical work a week throughout the three terms of the year.

The lectures in physical chemistry will serve as introductions to thermodynamics, electrochemistry, reaction kinetics, chemical spectroscopy, macromolecular chemistry, surface chemistry; lecture topics in inorganic chemistry will be selected to illustrate the applications of physico-chemical principles and concepts; lectures in organic chemistry will deal with the chemistry of the heterocyclic compounds with special reference to nitrogenous and other compounds of significance to the biologist, the mechanisms of organic reactions, the chemistry of carbohydrates, the chemistry of amino acids and related compounds. The practical course will deal with physical chemistry, preparative inorganic chemistry and modern instrumental analysis, and the main methods and techniques of organic chemistry.

**Text-books:**

- Wyatt, P. A. H., *Energy and entropy in chemistry* (Macmillan).  
 Banwell, C. N., *Fundamentals of molecular spectroscopy* (McGraw-Hill).  
 Laidler, K. J., *Reaction kinetics*, vol. 1 (Pergamon).  
 Gurney, R. W., *Ions in solution* (Dover).  
 Sykes, P., *A guidebook to mechanisms in organic chemistry* (Longmans);  
 and  
 De Puy, J. H., and Rinehart, K. L., *Introduction to organic chemistry* (Wiley).  
 Richards, J. H., and others, *Elements of organic chemistry* (McGraw-Hill).

## Reference books:

- Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).  
 Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).  
 Daniels, F., and Alberty, R. A., *Physical chemistry*, 3rd edition (Wiley).  
 Moore, W. J., *Physical chemistry*, 4th edition (Longmans).

## THIRD-YEAR SUBJECTS IN PHYSICAL AND INORGANIC CHEMISTRY.

Pre-requisite subjects for all third-year subjects in Physical and Inorganic Chemistry: A Division I pass, or higher, in Physical and Inorganic Chemistry II (SC02).

The Department offers the following units, each of which consists of about 15 lectures and about 54 hours' practical work and tutorials.

1. QUANTUM CHEMISTRY: First term. Wave mechanics, hydrogen, hydrogen-like atoms, more complex atoms, molecular orbitals, simple and complex molecules,  $\pi$  molecular orbitals, calculation of charge densities, bond orbitals and dipole moments; symmetry operations.

## Text-books:

- Hanna, M. W., *Quantum mechanics in chemistry* (Benjamin).  
 Phillips, L. F., *Basic quantum chemistry* (Wiley paperback).

## Reference book:

- Roberts, J. D., *Notes on molecular orbital calculations* (Benjamin).

2. STATISTICAL THERMODYNAMICS: First term. Use of statistical methods to calculate thermodynamic properties and equilibrium constants; Maxwell-Boltzmann, Fermi-Dirac, and Bose-Einstein quantum statistics. Determination of intermolecular forces from equilibrium and transport properties.

## Text-book:

- Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).

3. CRYSTALLOGRAPHY: First term. Symmetry and structure determination; application of diffraction methods to structural and analytical problems. Crystallographic aspects of solid state reactions.

## Text-books:

- James, R. W., *X-ray crystallography* (Methuen).  
 Wheatley, P., *Determination of molecular structure* (O.U.P.), or  
 Brand, J. C. D., and Speakman, J. C., *Molecular structure* (Arnold).

## Reference books:

- McLachlan, D., *X-ray crystal structure* (McGraw-Hill).  
 Buerger, M. J., *Crystal structure analysis* (Wiley).  
 Bacon, G. E., *Applications of neutron diffraction in chemistry* (Pergamon).  
 Azaroff, L. V., *Introduction to solids* (McGraw-Hill).  
 Garner, W. E., *Chemistry of solid state* (Butterworths).  
 Bunn, C. W., *Chemical crystallography* (O.U.P.).

4. REACTION KINETICS: Second term. Theories of gas and liquid phase reactions; unimolecular, bimolecular, termolecular, chain, and photochemical reactions; stationary state and non-stationary state systems. The practical work illustrates the use of kinetic measurements to deduce reaction mechanisms.

## Text-book:

- Laidler, K. J., *Reaction kinetics*, vols. 1 and 2 (Pergamon).

## Reference books:

- Laidler, K. J., *Chemical kinetics*, 2nd edition (McGraw-Hill).  
 Benson, S. W., *Foundations of chemical kinetics* (McGraw-Hill).  
 Frost, A. A., and Pearson, R. G., *Kinetics and mechanism*, 2nd edition (Wiley).



5. MOLECULAR SPECTRA: Second term. Theory and applications of microwave, infra-red, Raman, ultraviolet-visible and spin resonance spectroscopy.

Text-book:

Banwell, C. N., *Fundamentals of chemical spectroscopy* (McGraw-Hill).

Reference book:

Walker, S., and Straw, H., *Spectroscopy*, vols. 1 and 2 (Chapman and Hall).

6. ORGANOMETALLIC CHEMISTRY AND INORGANIC STRUCTURAL CHEMISTRY: Second term. The main classes of organometallic and inorganic compounds surveyed with reference to their reactions, structure and bonding.

Text-book:

Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry*, 2nd edition (Interscience).

7. MACROMOLECULAR CHEMISTRY: Third term. The structure, solution properties and some solid state properties of natural and synthetic macromolecules.

Reference books:

Tanford, C., *Physical chemistry of macromolecules* (Wiley).

Billmeyer, F. W., *Textbook of polymer science* (Wiley-Toppan).

Martin, R. B., *Introduction to biophysical chemistry* (McGraw-Hill).

8. METAL COMPLEXES: Third term. Bonding in complexes, crystal field and charge transfer spectra. Formation of complexes in solution: species, equilibria, and energy changes.

Text-book:

Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry*, 2nd edition (Interscience).

9. INORGANIC REACTION MECHANISMS: Third term. Characteristic reactions of compounds of both the metals and the non-metals: hydrolysis, solvolysis, substitution, exchange, isomerization and oxidation-reduction.

Text-book:

Edwards, J. O., *Inorganic reaction mechanisms* (Benjamin).

Reference book:

Basolo, F., and Pearson, R. S., *Mechanisms of inorganic reactions*, 2nd edition (Wiley).

Three different subjects in third-year Physical and Inorganic Chemistry are offered depending on whether eight, six or four units from the above list are taken along with units from other Departments. All students intending to take courses in third-year Physical and Inorganic Chemistry *must* obtain notes issued by the Department on suggested combinations of units and *must* make an appointment to discuss their course with the Head of Department or members of Staff prior to enrolment during the enrolment period and/or immediately after the results of the November examinations are made known.

The subjects offered are:

#### SC03. Physical and Inorganic Chemistry IIIA.

A Group D subject. Eight units from the above list selected with the approval of the Head of Department together with four units or two double-units in either Organic Chemistry; or Biochemistry; or Pure and Applied Mathematics III; or other third-year subjects chosen after consultation with the Heads of the Departments concerned.

*Note:* The pre-requisites for the subjects in other Departments must be observed.

#### SC13. Physical and Inorganic Chemistry IIIB.

A Group C(1) subject. Six units from the above list selected with the approval of the Head of Department.

**SC73. Physical and Inorganic Chemistry IIIM.**

A Group C(3) subject. Four units from the above list with two units or one double-unit from one other Department selected with the approval of the Heads of the Departments concerned.

**SC99. Physical and Inorganic Chemistry for the Honours degree of B.Sc.**

Pre-requisite subjects: Any third-year subject in the Department of Physical and Inorganic Chemistry (preferably SC03, SC13) together with approved subjects in any of the Departments of Organic Chemistry, Biochemistry, Mathematics, Mathematical Physics, Geology or Physics, or such other third-year subjects as may be approved by the Head of the Department of Physical and Inorganic Chemistry.

The course will include lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in other Departments as the Head of the Department may deem necessary. Each student will be assigned a research problem which he will investigate under the personal guidance of a member of staff of the Department of Physical and Inorganic Chemistry. The performance of each student will be assessed on the basis of written and oral examinations and the student's written report of his research investigation.

Books: Those for the Ordinary degree, and in addition other reference books, a list of which will be published in the Department of Physical and Inorganic Chemistry.

**ORGANIC CHEMISTRY.****SO02. Organic Chemistry II.**

Pre-requisite subject: A Division I pass, or higher, in Chemistry I (SC01).

The course, which is given annually, consists of three lectures and at least six hours practical work a week throughout the three terms of the year.

The lectures deal with the chief families of aliphatic and aromatic compounds and with theoretical questions arising out of such study.

**Text-books:**

Cram, D. J., and Hammond, G. S., *Organic chemistry*, international student edition (McGraw-Hill).

Finar, I. L., *Organic chemistry*, 5th edition, vol. 1 (Longmans).

Hart, H., and Schuetz, R., *Laboratory manual for organic chemistry* (Houghton Mifflin).

(Students intending to proceed to Organic Chemistry III could purchase also Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin) and Vogel, A. I., *Practical organic chemistry*, 3rd edition (Longmans).

**THIRD-YEAR SUBJECTS IN ORGANIC CHEMISTRY.**

Pre-requisite subjects for all third-year subjects in Organic Chemistry: Organic Chemistry II (SO02) at Division I pass, or higher, standard. Students are also recommended to have taken Physical and Inorganic Chemistry II (SC02).

The Department offers the following double-units, each of which consists of 3 lectures and at least 12 hours' practical work a week throughout one term.

1. **PHYSICAL-ORGANIC CHEMISTRY:** First term. Theory and application of infra-red, ultra-violet, electron-spin resonance, nuclear magnetic resonance, and mass spectrometry; photochemistry; structure and reactions of free-radicals, carbenes, and nitrenes.

2. **STEREOCHEMISTRY, HETEROCYCLIC COMPOUNDS:** Stereochemistry, configurational and conformational isomerism; synthesis, properties and biogenesis of heterocyclic compounds and natural products.

\*3. **SYNTHETIC CHEMISTRY:** Structure and reactions of carbonium ions, carbanions and radical ions; synthetic methods, selective reactions, design of syntheses.

\* Only students who have taken double-unit 2 may attend the course for double-unit 3.

The subjects offered are:

**SO03. Organic Chemistry III.**

A Group C(1) subject. Double-units 1, 2 and 3.

**SO13. Organic Chemistry IIIA.**

A Group C(2) subject. Double-units 1 and 2, and the units in Physical and Inorganic Chemistry on Statistical Thermodynamics and Inorganic Reaction Mechanisms.

**SO23. Organic Chemistry IIIB.**

A Group C(2) subject. Double-units 1 and 2, and the units in Physical and Inorganic Chemistry on Macromolecular Chemistry and Metal Complexes.

**SO33. Organic Chemistry IIIC.**

A Group C(2) subject. Double-units 1 and 2, and the double-unit in Biochemistry on Enzymes.

**SO43. Organic Chemistry IIIM.**

A Group C(3) subject. With approval of the Heads of the Departments concerned, a combination of two double-units from the above list together with two units or one double-unit in one other department.

Text-books (for all subjects):

Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin).

House, H. O., *Modern synthetic reactions* (Benjamin).

Pryor, W. A., *Introduction to free radical chemistry* (Prentice-Hall).

Dyer, J. R., *Application of absorption spectroscopy of organic compounds* (Prentice-Hall).

Fleming, I., and Williams, D. H., *Spectroscopic methods in organic chemistry* (McGraw-Hill).

Vogel, A. I., *Practical organic chemistry*, 3rd edition (Longmans).

Reference books (for all subjects):

Acheson, R. M., *An introduction to the chemistry of heterocyclic compounds*, 2nd edition (Wiley, International Edition).

Gould, E. S., *Mechanism and structure in organic chemistry* (Holt).

Streitwieser, A., *Molecular orbital theory for organic chemists* (Wiley).

Budzikiewicz, H., and others, *Interpretation of mass spectra of organic compounds* (Holden Day).

Eliel, E. L., *Stereochemistry of carbon compounds*, International student edition (McGraw-Hill).

Kan, R. O., *Organic photochemistry* (McGraw-Hill).

**SO99. Organic Chemistry for the Honours degree of B.Sc.**

Pre-requisite subjects: A third-year subject in the Department of Organic Chemistry [preferably Organic Chemistry III (SO03)] and a third-year subject in the Department of Physical and Inorganic Chemistry, or a third-year subject in the Department of Biochemistry, or such other third-year subject as may be approved by the Professor of Organic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Organic Chemistry and such lectures in Physical and Inorganic

Chemistry, and Biochemistry as the Professor of Organic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work. Each student will be expected to investigate a research problem under the guidance and supervision of one or more members of the staff of the Department of Organic Chemistry.

Students will be required to satisfy the Professor that they have a reading knowledge of German.

Students who wish to take the Honours degree should consult the Professor of Organic Chemistry during the preceding year in order that they can be advised on a suitable course of study.

Books: Those for the Ordinary degree and, in addition, other reference books, a list of which will be published in the Department of Organic Chemistry.

## COMPUTING SCIENCE.

### Programming.

These courses, which may not be counted towards any degree or diploma, are intended as elementary introductions to programming for students needing to use computers. No formal pre-requisite subjects are specified for the courses, but a thorough knowledge of matriculation mathematics is assumed.

Each course will comprise about fifteen lectures and five tutorials covering the use of a programming language and programme system applicable to the computers available to the University. Additional post-course tutorials are normally provided. Most courses (e.g., FORTRAN programming) are given during vacations, on a full-time basis.

Students wishing to take one of these courses should enrol with the Secretary of the Department of Computing Science.

Text-books: Appropriate programming manuals.

### THIRD-YEAR SUBJECTS IN COMPUTING SCIENCE

Pre-requisite subjects: Either Applied Mathematics II (SM12) or Mathematical Statistics I (ST02), at Division I or higher standard. In addition, students who have passed Pure Mathematics II (SM02) at Division I or higher standard, and who have an elementary knowledge of computer programming may enrol for Computing Science IIIM.

The department offers the following units, each of which consists of about 18 or 27 lectures and 4 tutorials, together with weekly exercises.

- |                                      |                 |
|--------------------------------------|-----------------|
| 1. Programming Systems (first term). |                 |
| 2. Numerical Analysis                | } (second term) |
| 3. Information Structures            |                 |
| 4. Systems Investigations            | } (third term)  |
| 5. Mathematical Programming          |                 |
| 6. Computing Models                  |                 |

Unit 2 is equivalent to Mathematics Unit 7 (Numerical Analysis), and Unit 5 is equivalent to Mathematics Unit 13 (Operations Research). Generally only one of each pair will be offered in any year.

The subjects offered are:

#### SA13. Computing Science IIIA.

A Group C(1) subject. Units 1, 2, 3, 5, 4 or 6, and Mathematics Unit 3 (Vectors and Tensors).

May not be taken in conjunction with Applied Mathematics III (SM13).

**SA23. Computing Science IIIB.**

A Group C(1) subject. Units 1, 3, 4, 6 and either Mathematics unit 4 (Probability Theory) and Mathematics unit 5 (Real Analysis I) or Mathematics unit 2 (Algebra I) and Mathematics unit 6 (Linear Spaces) or Mathematics unit 10 (Algebra II).

Should normally be taken in conjunction with Applied Mathematics III (SM13). May not be taken with Pure Mathematics III (SM03).

**SA03. Computing Science IIIM.**

A Group C(3) subject. At least units 1 and 3, and such other Computing Science and other units, to a total of 6, as may be approved by the Head of the Department of Computing Science.

Intending students should consult the Professor of Computing Science. All proposed groupings of units must have a coherent structure and purpose. Arbitrary collections of units will not be approved.

Text-book:

Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

Reference books:

Grabbe, E. M., and others, *Handbook of automation, computation and control*, vols. 1 and 2 (Wiley).

Davis, G. B., *An introduction to electronic computers* (McGraw-Hill).

Hadley, G., *Nonlinear and dynamic programming* (Addison-Wesley).

Hildebrand, F. B., *Introduction to numerical analysis* (McGraw-Hill).

Gregory, R. H., and van Horn, R. L., *Automatic data processing systems* (Chatto and Windus).

Kaufmann, A., *Graphs, dynamic programming and finite games* (Academic Press).

Flores, I., *Computer programming* (Prentice-Hall).

Ralston, A., and Wilf, H. S., *Mathematical methods for digital computers* (Wiley).

In addition, text and reference books prescribed for the relevant Units in the Mathematics Department should be consulted.

**FOR THE DIPLOMA IN COMPUTING SCIENCE.****COURSE A**

This course is intended primarily for graduates of the Faculties of Arts, Science, Engineering and Technology who have passed in Pure Mathematics II (SM02) and Applied Mathematics II (SM12). Students considered by the Professor of Computing Science to have subjects and qualifications equivalent to this standard may be permitted to proceed to this course.

The course will comprise the following subjects:—

**SA04. Numerical Analysis.**

Two or three lectures a week throughout the year on topics chosen from matrix and eigenvalue calculations, numerical approximations, solution of ordinary and partial differential equations, statistical calculation, network analysis, Monte Carlo methods, numerical taxonomy, time series analysis, and information theory.

Text-book:

Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

Reference books:

Hildebrand, F. B., *Introduction to numerical analysis* (McGraw-Hill).

Hamming, R. W., *Numerical methods for scientists and engineers* (McGraw-Hill).

- Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).  
 Fox, L., (ed.), *Numerical solution of ordinary and partial differential equations* (Pergamon).  
 Ralston, A., and Wilf, H. S., *Mathematical methods for digital computers* (Wiley).

#### SA14. Programming Languages A.

Two or three lectures a week throughout the year on computer design, machine languages, assemblers and translators, executive and monitor systems, aspects of multi-programming, compilers and procedure-oriented languages and systems.

Text-book:

Davis, G. B., *An introduction to electronic computers* (McGraw-Hill).

Reference books:

- Naur, P. (ed.), *Revised report on the algorithmic language, Algol 60* (Communications of the Association for Computing Machinery, 6 (Jan. 1963), 1-17).  
 Flores, I., *The logic of computer arithmetic* (Prentice-Hall).  
 Bartee, T. C., Lebow, I. L., and Reed, I. S., *Theory and design of digital machines* (McGraw-Hill).  
 Ledley, R. S., *Programming and utilizing digital computers* (McGraw-Hill).  
 Appropriate programming manuals for computers available to the University.

#### SA24. Theory of Systems.

Two or three lectures a week throughout the year on data processing system analysis and design, algorithms, representation of structures, automata, and design and application of automatic systems.

Reference books and journals:

- Gregory, R. H., and van Horn, R. L., *Automatic data processing systems* (Chatto and Windus).  
 Grabbe, E. M., Ramo, S., and Wooldridge, D. E., *Handbook of automation, computation and control*, vols. 1 and 2 (Wiley).  
 Davis, M., *Computability and unsolvability* (McGraw-Hill).  
 Ginsburg, S., *An introduction to mathematical machine theory* (Addison Wesley).  
 Association for Computing Machinery. *Communications*.  
*The Computer Journal*.  
 Australian Computer Society. *Journal*.  
*Systematics*.  
 Control Data Corporation. Control Data 6000 Series computer systems: *PERT/TIME reference manual*.  
 Johnson, R. A. and others, *The theory and management of systems* (McGraw-Hill).

#### SA34. Projects.

A candidate taking either Course A or Course B will be required also to carry out extensive practical programming and system analysis, to participate in programme system development, and to undertake major projects in computing science occupying about 200 hours.

#### COURSE B

(No new students will be admitted in 1969 or thereafter.)

This course is intended for graduates who desire to become qualified in data processing. No formal pre-requisites are specified for the course but intending students must have the approval of the Professor of Computing Science before proceeding to this course.

Students wishing to complete this course should consult the Professor of Computing Science.

## FOR THE HONOURS DEGREES OF B.A. AND B.Sc.

## SA99. Computing Science for the Honours degree of B.A. or B.Sc.

In general, only students who have reached a satisfactory standard in Honours Mathematics III (SM08) or at least one of Applied Mathematics III (SM13), Computing Science IIIA (SA13), IIIB (SA23), and IIIM (SA03) will be permitted to proceed to the Honours course.

The course will be determined from year to year and will consist partly of lectures given in the Department of Computing Science, and partly of lectures given in other Departments: It will normally comprise topics selected from the following: logical design of automatic systems, advanced numerical analysis, information theory, operations research, theory of information systems, advanced computer programming and language systems, automatic analysis and design of systems, information retrieval, theory of adaptive systems. Students will be required to undertake major projects involving extensive practical work with computers and automatic systems.

## GENETICS.

## SJ02. Genetics I.

Pre-requisite subjects: A pass in Biology (SZ71) or Botany I (SB01) or Zoology I (SZ01) and a pass in Mathematics IS (SM71) or Mathematics I (SM01) or a knowledge of mathematics deemed satisfactory by the Head of the Department of Genetics.

Two lectures, four hours' practical work and one tutorial a week for three terms.

Views on the origin of the universe and of life. Mendelian inheritance. Probability and tests of significance. Linkage. Mitosis and meiosis. The chromosome theory of heredity. Recombination systems in micro-organisms. The genetic material. Gene function. Gene mutation. Cytoplasmic inheritance. Differentiation. Sex determination and differentiation. Chromosome changes. Polyploidy. Population growth and the elements of demography. Population genetics and evolution. Quantitative inheritance and its particulate basis. Heritability and the response to selection. Inbreeding and outbreeding. Speciation. Genetics and Man—pedigree analysis; twin studies; the human karyotype; blood and serum groups; inborn errors of metabolism; consanguinity; genetic counselling.

Text-books:

Srb, A. M., Owen, R. D., and Edgar, R. S., *General genetics* (Freeman), or Strickberger, M. W., *Genetics* (Macmillan).

Reference books:

Bailey, N. T. J., *Statistical methods in biology* (E.U.P.).

Carter, C. O., *Human heredity* (Penguin).

Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).

Fincham, J. R. S., *Microbial and molecular genetics* (E.U.P.).

Fincham, J. R. S., and Day, P. R., *Fungal genetics*, 2nd edition (Blackwell).

Li, C. C., *Population genetics* (Chicago U.P.).

Mather, K., *Statistical analysis in biology* (Methuen).

Mather, K., *The measurement of linkage in heredity* (Methuen).

Mendel, G., *Experiments in plant hybridisation* (Oliver and Boyd).

Moroney, M. J., *Facts from figures* (Penguin).

McKusick, V. A., *Human genetics* (Prentice-Hall).

Penrose, L. S., *Outline of human genetics* (Heinemann).

Race, R. R., and Sanger, R., *Blood groups in man*, 4th edition (Blackwell).

Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).

Sheppard, P. M., *Natural selection and heredity* (Hutchinson).

Stebbins, G. L., *Processes of organic evolution* (Prentice-Hall).

Stern, C., *Principles of human genetics*, 2nd edition (Freeman).

Sturtevant, A. H., and Beadle, G. W., *An introduction to genetics* (Dover).

- Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics* (McGraw-Hill).  
 Stern, C., *Principles of human genetics*, 2nd edition (Freeman).  
 Sturtevant, A. H., and Beadle, G. W., *An introduction to genetics* (Dover).  
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (Wiley).  
 Watson, J. D., *Molecular biology of the gene* (Benjamin).  
 Whitehouse, H. L. K., *Towards an understanding of the mechanism of heredity* (Arnold).

### SJ03. Genetics II.

Pre-requisite subject: Genetics I (SJ02).

Three lectures and from seven to nine hours practical work a week for three terms.

This course includes the more advanced aspects of biometrical, microbial, physiological, polysomic, population and human genetics, and cytology.

Text-books:

- Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).  
 Mather, K., *The measurement of linkage in heredity* (Methuen).  
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).  
 Swanson, C. P., and others, *Cytogenetics* (Prentice-Hall).  
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (Wiley).  
 Whitehouse, H. L. K., *Towards an understanding of the mechanism of heredity* (Arnold).

Reference books:

- Brachet, J., *Biochemical cytology* (Academic Press).  
 Clausen, J., *Stages in the evolution of plant species* (Cornell U.P. and O.U.P.).  
 Cold Spring Harbour Symposium on Quantitative Biology, vol. 29, *Human genetics*.  
 Darlington, C. D., *Evolution of genetic systems*, 2nd edition (Oliver and Boyd).  
 Darlington, C. D., *Recent advances in cytology* (Churchill).  
 Darlington, C. D., *Chromosome botany and the origin of cultivated plants* (Allen and Unwin).  
 Dobzhansky, Th., *Genetics and the origin of species* (Columbia U.P.).  
 Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).  
 Ford, E. B., *Ecological genetics* (Methuen).  
 Goldschmidt, E., (ed.), *The genetics of migrant and isolate populations* (Williams and Wilkins).  
 Hartman, P. E., and Suskind, S. R., *Gene action* (Prentice-Hall).  
 Harris, H., *Human biochemical genetics* (C.U.P.).  
 Hayes, W., *The genetics of bacteria and their viruses* (Blackwell).  
 Jacob, F., and Wollman, E. L., *Sexuality and the genetics of bacteria* (Academic Press).  
 Kempthorne, O., *An introduction to genetic statistics* (Wiley).  
 Lewis, K. R., and John, B. R., *Chromosome marker* (Churchill).  
 Mayr, E., *Animal species and evolution* (Columbia U.P.).  
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).  
 Strauss, B. S., *An outline of chemical genetics* (Saunders).  
 Swanson, C. P., *Cytology and cytogenetics* (Macmillan).  
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).  
 Wolstenholme, G. E. W., and O'Connor, C. M., *Biochemistry of human genetics* (Churchill).



**Genetics in Zoology I.**

About eight lectures and practical classes, as part of Zoology I (SZ01).

Human pedigrees. Hypothesis of gene determination of heritable characters. Mendel's work on the garden pea, his laws of purity of gamete and independent segregation. Linkage and genetical chromosome maps. Physical basis of Mendelian inheritance. Sex linked inheritance. Mutation and selection. Evolution. Relation of genetics to other sciences.

## Text-books:

- Carter, C. O., *Human heredity* (Pelican).  
 Mather, K., *Genetics for schools* (Murray).  
 McLeish, J., and Snoad, B., *Looking at chromosomes* (Macmillan).

## Reference books:

- Auerbach, C., *The science of genetics* (Hutchinson).  
 Srb, A. M., Owen, R. D., and Edgar, R. S., *General genetics* (Freeman).

**Genetics in Zoology II.**

Four lectures on concepts and mechanisms of speciation, as part of Zoology II (SZ02).

**Genetics in Zoology III.**

About ten lectures and practical classes, dealing with aspects of genetics and evolution, as part of Zoology III (SZ03).

Modern theory of evolution; variation and its conservation; gene frequency; selection; polymorphism; speciation; isolating mechanisms; evolution of genetic systems.

## Text-books:

- Ford, E. B., *Mendelism and evolution*, 7th edition (Methuen, 1960).  
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).

## Reference books:

- Clausen, J., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).  
 Ford, E. B., *Ecological genetics* (Methuen).

**SJ99. Genetics for the Honours degree of B.Sc.**

Candidates for the Honours degree in Genetics are required to show a more advanced and detailed knowledge of the subject than is required for the Ordinary degree and to pass a more stringent examination. Some particular aspects of Genetics will be studied more intensively and research will be carried out. Candidates will be required to prepare abstracts of selected articles and to present reviews of selected topics.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Candidates are required to attend such lectures and pass such examinations in other subjects as the Professor of Genetics may deem necessary, and they may be required to satisfy him that they have a reading knowledge of French and German.

Students who wish to take the Honours degree should consult the Professor of Genetics as early as possible in order that they can be advised on suitable work and a course of reading.

**ADDITIONAL SUBJECTS.****SJ89. Genetics for the Honours degree of B.Med.Sc.**

The pre-requisites are passes in Genetics I (SJ02) and in the First Professional Examination in Medicine. Intending candidates should consult the Professor of Genetics as early as possible.

**SJ79. Genetics for the Honours degree of B.Ag.Sc.**

For syllabus see under Faculty of Agricultural Science.

## GEOLOGY, MINERALOGY AND PALAEOONTOLOGY.

## SG01. Geology I.

**LECTURES.**—A course of three lectures a week throughout the academic year consisting of an integrated survey of basic geological phenomena and processes with emphasis on the application of chemical and physical principles. The course concludes with a brief review of the geology of Australia in illustration of the general principles.

**LABORATORY WORK.**—Three hours a week in practical classes. Students should also spend at least one additional hour a week in independent study in the laboratory at times to be arranged. The course deals with the study of geological maps and the examination of crystal models, minerals, rocks and fossils.

**Field Work:** At least three excursions to places of geological interest near Adelaide.

**Text-books:**

Read, H. H., and Watson, J., *Introduction to geology*, 2nd edition, vol. I (Macmillan).

*Atlas of Australian resources, second series: geology*, 2nd edition (Department of National Development, Canberra).

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by Hurlbut, C. S. (Wiley, 1959).

**Reference books:**

Holmes, A., *Principles of physical geology*, 2nd edition (Nelson, 1965).

Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).

Kay, M., and Colbert, E. H., *Stratigraphy and life history* (Wiley, 1965).

Shelton, J. S., *Geology illustrated* (Freeman).

Phillips, O. M., *The heart of the earth* (Freeman, Cooper).

## SC02. Geology II.

**Pre-requisite subject:** Geology I (SG01) at Division I or higher standard.

**LECTURES.**—This course consists of three lectures a week throughout the year as follows:—

*Crystallography:* The symmetry of crystals and lattices.

*Mineralogy:* The theory of optical mineralogy.

*Petrology:* The characteristics and mode of occurrence of igneous, metamorphic and sedimentary rocks; a study of the accepted classifications of rocks.

*Structural Geology:* The geometry and interpretation of geological structures.

*Geomorphology:* The nature and development of land forms with emphasis on structural control.

*Stratigraphy and Sedimentation:* Principles, with application to the study of Australian stratigraphy.

*Palaentology:* Nature of organic remains; palaentological methods; the phyla of invertebrates and representative Australian fossils.

**LABORATORY WORK.**—Not less than six hours a week.

*Crystallography:* Symmetry of crystals.

*Mineralogy:* Optical mineralogy; study of minerals in the hand specimen.

*Petrology:* Identification and classification of rocks; study of typical rocks both in hand specimen and under the microscope.

*Structural Geology:* Interpretation of geological maps; solving of structural problems by graphical methods. Introduction to photogeological interpretation.

*Palaentology:* Preparation of micro-fossils; study of representative fossil specimens.

**FIELD WORK.**—A minimum of ten days will be spent in the field during the year. Excursions to localities of special interest may be arranged.

APPARATUS.—Students need to provide themselves with field equipment of approved pattern.

Text-books:

- \*Dana, J. D., *Manual of mineralogy*, 17th edition revised by C. S. Hurlbut (Wiley, 1959).
- Williams, Howel, and others, *Petrography* (Freeman).
- Hills, E. S., *Elements of structural geology* (Methuen, 1963).
- Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).
- \*Heinrich, E. W., *Microscopic identification of minerals* (McGraw-Hill).
- Beerbower, J. R., *Search for the past*, 2nd edition (Prentice-Hall).
- \*Krauskopf, K., *Introduction to geochemistry* (McGraw-Hill).

Reference books:

- Glaessner, M. F., and Parkin, L. W. (ed.), *Geology of South Australia* (M.U.P., 1958).
- Phillips, F. C., *Introduction to crystallography*, 3rd edition (Longmans, 1963).
- Brown, D. A., et al., *The geological evolution of Australia and New Zealand* (Pergamon).
- Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill, 1961).
- Twidale, R., *Geomorphology* (Nelson).
- Bloss, F. D., *An introduction to the methods of optical crystallography* (Holt, Rinehart and Winston, 1961).
- Bayly, B., *Introduction to petrology* (Prentice-Hall).

\* These are also Geology III texts.

### THIRD-YEAR SUBJECTS IN GEOLOGY AND PALAEOONTOLOGY.

Pre-requisite subjects for Geology III: Geology II (SG02) at Division I pass or higher standard; Physical and Inorganic Chemistry II (SC02) or Chemistry II (SC12) or Organic Chemistry II (SO02) or Physics II (SP02).

A candidate may be permitted to proceed to Geology III, without the pre-requisite subject in Physics or Chemistry on the approval of the Head of the Department of Geology (obtained in writing through the Academic Registrar).

Pre-requisite subjects for Geology IIIA and Geology IIIB: Geology II (SG02) at Division I pass or higher standard and Physical and Inorganic Chemistry II (SC02).

Pre-requisite subjects for Geology IIIC: Geology II (SG02) and Mathematics I (SM01) at Division I pass or higher standard, and Physical and Inorganic Chemistry II (SC02).

Pre-requisite subjects for Geology IIID: Geology II (SG02) at Division I pass or higher standard, Physics II (SP02) and Applied Mathematics II (SM12).

Pre-requisite subjects for Palaeontology: Geology II (SG02) at Division I pass or higher standard and Zoology I (SZ01). In special circumstances Biology (SZ71) may be accepted as a pre-requisite instead of Zoology I (SZ01).

The Department offers the following units, each of which consists of about 18 lectures together with about 54 hours' practical work:

1. QUANTITATIVE MINERALOGY: First term. The principles of determinative methods; their applications and results in mineralogy and crystallography.

Text-books:

- Dana, J. D., *Manual of mineralogy*, 17th edition, revised by C. S. Hurlbut (Wiley).
- Deer, W. A., and others, *An introduction to the rock-forming minerals* (Longmans).
- Heinrich, W. M., *Microscopic identification of minerals* (McGraw-Hill).

2. PETROLOGY: Second term. The characteristics and origin of the principal associations of igneous and metamorphic rocks.

Text-book:

- Barth, T. F. W., *Theoretical petrology*, 2nd edition (Wiley).

## Reference books:

- Hatch, F. H., and others, *Petrology of the igneous rocks*, 12th edition (Murby).  
 Winkler, H. G. F., *Petrogenesis of metamorphic rocks*, 2nd edition (Springer).  
 Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology*, 2nd edition (McGraw-Hill).

3. **STRUCTURAL GEOLOGY AND FIELD GEOLOGY:** First term. The characteristics and origin of geological structures on all scales as determined by geological and geophysical evidence.

Field Geology: At least one week will be spent on geological mapping during a vacation.

## Reference books:

- Turner, F. J., and Weiss, L. E., *Structural analysis of metamorphic tectonites* (McGraw-Hill).  
 Ramsay, J. G., *Folding and fracturing of rocks* (McGraw-Hill).  
 Sitter, L. U. de, *Structural geology*, 2nd edition (McGraw-Hill).

4. **STRATIGRAPHY:** Second term. Principles of stratigraphy and historical geology.

## Text-books:

- Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper).  
 Donovan, D. T., *Stratigraphy* (Murby).

## Reference books:

- Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation*, 2nd edition (Freeman).  
 Rayner, D. H., *Stratigraphy of the British Isles* (C.U.P.).

5. **MINERAL DEPOSITS:** Third term. The nature and origin of ore-bearing fluids. Principles controlling the concentration and localisation of ore deposits. Sedimentary ore and fuel deposits.

## Text-book:

- Park, C. F., and MacDiarmid, R. A., *Ore deposits* (Freeman).

## Reference books:

- Krauskopf, K., *Introduction to geochemistry* (McGraw-Hill).  
 Barnes, H. L., *Geochemistry of hydrothermal ore deposits* (Holt).

6. **REGIONAL GEOLOGY:** Third term. The integration of geological data with reference to selected regions of the earth's crust.

7. **GEOCHEMISTRY A:** Second term. Crystal chemistry related to mineral groups.

## Text-book:

- Bragg, W. L., and Claringbull, G. F., *Crystal structures of minerals* (Bell).

## Reference books:

- Evans, R. C., *Introduction to crystal chemistry*, 2nd edition (C.U.P.).  
 Fyfe, W. S., *Geochemistry of solids* (McGraw-Hill).

8. **GEOCHEMISTRY B:** Third term. Applications of phase rule studies and thermodynamics to petrogenesis. Study of geochemical differentiation processes.

## Text-book:

- Krauskopf, K., *Introduction to geochemistry* (McGraw-Hill).

## Reference book:

- Mason, B. H., *Principles of geochemistry*, 3rd edition (Wiley).  
 Garrels, R. M., and Christ, C. L., *Solutions, minerals and equilibria* (Harper and Row).

9. **PALAEOLOGY A:** First term. General palaeontology and micropalaeontology.

## Text-books:

- Brouwer, A., *General palaeontology* (Oliver and Boyd).  
 Ager, D. V., *Principles of paleoecology* (McGraw-Hill).

## Reference book:

- Pokorny, V., *Principles of zoological micropalaeontology* (Pergamon).

## 10. PALAEOLOGY B: Second term. Invertebrate palaeontology.

## Text-book:

- Moore, R. C., and others, *Invertebrate fossils* (McGraw-Hill).

## 11. PALAEOLOGY C: Third term. Vertebrate palaeontology and palaeobotany.

## Text-books:

- Colbert, E. H., *Evolution of the vertebrates* (Wiley).  
 Delevoryas, T., *Plant diversification* (Holt).

## Reference book:

- Delevoryas, T., *Morphology and evolution of fossil plants* (Holt).

## 12. GEOPHYSICS A: Second term.

## 13. GEOPHYSICS B: Third term.

The subjects offered are:

**SG03. Geology III.**

A Group C(1) subject. Units 1, 2, 3, 4, 5, 6.

**SG23. Geology IIIA (Geochemistry).**

A Group C(1) subject. Units 1, 2, 3, 5, 7, 8. To count as a third-year subject for the degree of B.Sc. this subject must be taken with a subject in the Department of Physical and Inorganic Chemistry, approved by the Head of that Department.

**SG33. Geology IIIB (Geology and Geochemistry).**

A Group D subject. Units 1, 2, 3, 4, 5, 6, 7, 8, together with the units in Physical and Inorganic Chemistry on Molecular Spectra, Crystallography, Metal Complexes and one other, in lieu of two subjects in Group C.

**SG53. Geology IIIC.**

A Group D subject. Units 1, 2, 3, 4, 5, 6, 7, 8, together with Mathematical Statistics I, in lieu of two subjects in Group C.

**SG63. Geology IIID.**

A Group D subject. Units 1, 2, 3, 4, 5, 6, 12, 13, together with an approved combination of four units taken from those offered by the Departments of Physics and Mathematics.

**SG43. Geology IIIM.**

A Group C(3) subject. With approval of the Heads of Departments concerned, a combination of four units from the above list (two terms' work) together with two units or one double-unit (one term's work) in another department. Prerequisites will depend on the combination of units approved.

**SG13. Palaeontology.**

A Group E subject. Units 9, 10, 11.

This subject may be taken with Genetics I or Botany IIP, or Zoology II in lieu of a Group C subject. Alternatively, two units of Palaeontology may be counted as part of Zoology IIIM or Botany IIIM.

**SG99. Geology for the Honours degree of B.Sc.**

Candidates will be required to attend several courses from a number which will be given in specialised fields of geology and economic geology including geophysics, geochemistry and palaeontology. In addition, candidates will undertake supervised individual projects involving one or more of these fields. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Candidates may be required to satisfy the examiners that they have a reading knowledge of French, German or Russian. They will also be required to contribute to a series of seminars.

Candidates must apply, before the end of the year preceding that in which they wish to enrol, to the Professor concerned for approval of their proposed courses of study.

**ADDITIONAL SUBJECTS.****SG71. Geology I (Agriculture).**

For syllabus see under Faculty of Agricultural Science.

**SG93. Geology IA.**

For syllabus see under Faculty of Technology and Applied Science.

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**MATHEMATICAL PHYSICS.**

The pre-requisites for Mathematical Physics A and B are passes at Division I or higher standard in three Group B subjects, including Physics II (SP02) and Pure Mathematics II (SM02) or Applied Mathematics II (SM12).

The Department offers the following units, most of which consist of two lectures a week, and a tutorial, for one term:

1. QUANTUM MECHANICS I: Principles and elementary applications.
2. QUANTUM MECHANICS II: More advanced applications, including scattering theory.
3. VECTOR AND TENSOR ANALYSIS.
4. THEORY OF RELATIVITY.
5. FLUID MECHANICS: Macroscopic conservation laws, thermodynamics and irreversible processes.
6. ELEMENTARY PLASMA DYNAMICS: Fully ionized gases, charged particle motions, and magnetohydrodynamics.
7. ELECTRICITY AND MAGNETISM.

The subjects offered are:

**SF03. Mathematical Physics A.**

This is a group C subject and may be taken only with Physics IIIH (SP08) or Physical and Inorganic Chemistry IIIB (SC13). It consists of at least six units, which must include 1, 2, 3 and the unit in Mathematics on Complex Analysis. (Unit 4 forms part of Physics IIIH). The remaining units should be chosen, with the approval of the Head of the Department, from 5, 6 and units in Mathematics.

**SF13. Mathematical Physics B.**

This is a group C subject, and may be taken only with Pure Mathematics III (SM03) or Applied Mathematics III (SM13). It consists of at least six units, which must include 1, 2, 4 and 7. Unit 3 and the unit in Mathematics on Complex Analysis must be included by students not taking Applied Mathematics III. The remaining units should be chosen, with the approval of the Head of the Department, from 5, 6 and units in Physics.

**SF99. Mathematical Physics for the Honours degree of B.Sc.**

Students who have reached a satisfactory standard in Mathematical Physics A (SF03) or Mathematical Physics B (SF13), and another Group C subject, may be permitted to proceed to the Honours course.

The course will contain lectures on most of the following subjects: general theory of relativity, relativistic quantum mechanics, elementary field theory, statistical mechanics, quantal many body theory, electricity and magnetism, advanced plasma dynamics, theoretical nuclear physics, particle physics, irreversible statistical mechanics, together with a selection of lectures drawn from the honours programmes of the Departments of Physics and Mathematics. In addition students will be required to submit a thesis containing a review of, or original contributions to, some advanced topic in mathematical physics, to be approved in advance by the Head of the Department. A reading knowledge will be required of at least one foreign language.

**MATHEMATICS AND STATISTICS****INTRODUCTORY NOTES**

1. Attention is drawn to the pre-requisite subjects for admission to the various courses as prescribed in the syllabuses below.

2. The courses in Mathematics and Statistics for the Ordinary degree of B.Sc. are as follows:

Group A: Mathematics IS, Mathematics I;

Group B: Pure Mathematics II, Applied Mathematics II, Mathematical Statistics I;

Group C: Pure Mathematics III, Applied Mathematics III, Mathematical Statistics II;

Group D: Honours Mathematics III.

With the approval of the Head of the Department of Mathematics a qualified candidate may take the course in Honours Mathematics III in lieu of the two courses in Pure Mathematics III and *either* Applied Mathematics III *or* Mathematical Statistics II.

3. For candidates proceeding to the Ordinary degree of B.A., possible three-year sequences are:

Mathematics I  $\longrightarrow$  Pure Mathematics II  $\longrightarrow$  Pure Mathematics III  
 Mathematics I  $\longrightarrow$  Applied Mathematics II  $\longrightarrow$  Applied Mathematics III  
 Mathematics I  $\longrightarrow$  Mathematical Statistics I  $\longrightarrow$  Mathematical Statistics II

Note: A candidate for the Ordinary degree of B.A. whose third year subjects are, or include two of, Pure Mathematics III, Applied Mathematics III, and Mathematical Statistics II, may not include more than one science subject nor more than five of the subjects in the above sequences. (Hence such a candidate may not include more than two of Pure Mathematics II, Applied Mathematics II, Mathematical Statistics I.)

**MATHEMATICS****SM71. Mathematics IS.**

The course presupposes a knowledge of Matriculation Mathematics I, and is designed for students who intend to take no further courses in Mathematics or Statistics. It consists of four lectures and one two-hour tutorial class per week.

The syllabus comprises differential and integral calculus, power-series, ordinary differential equations; the algebra of polynomials; finite differences and applications; linear equations and matrices; complex numbers; frequency distributions and probability distributions, mean and variance; binomial and normal distributions, significance tests; analysis of variance; tests of goodness of fit.

Text-books:

Thomas, G. B., *Calculus and analytical geometry*, 3rd edition (Addison-Wesley).

Huntsberger, D. V., *Elements of statistical inference* (Allyn and Bacon).

Miller, J. C. P., and Powell, F. C., *The Cambridge elementary mathematical tables* (C.U.P.).

Reference books:

Ledermann, W., *Complex numbers* (Routledge and Kegan Paul).

Gray, M. C., and Robson, B. N., *Matriculation algebra* (Rigby).

Allendoerfer, C. B., and Oakley, C. O., *Principles of mathematics* (McGraw-Hill).

A student who passes Mathematics IS may apply, within three days of the publication of the examination results, to the Head of the Mathematics Department for permission to sit a special examination in the following January or February. A pass in the special examination will permit entry to any subject for which a pass in Mathematics I is a pre-requisite.

### SM01. Mathematics I.

A knowledge of Matriculation Mathematics Parts I and II will be assumed.

The course comprises four lectures and one two-hour tutorial class a week.

A pass in it at Division I is a pre-requisite for entrance to Pure Mathematics II (SM02), Applied Mathematics II (SM12), and Mathematical Statistics I (ST02).

The syllabus comprises sequences and series; functions of one and two real variables; elementary differential equations; complex numbers; vectors, matrices and determinants; sets and groups; probability.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 4th edition (Addison-Wesley),

or

Purcell, E. J., *Calculus with analytic geometry* (Appleton-Century-Crofts).

Reference books:

Green, J. A., *Sequences and series* (Routledge and Kegan Paul).

Ledermann, W., *Introduction to the theory of finite groups* (Oliver and Boyd).

Allendoerfer, C. B., and Oakley, C. O., *Principles of mathematics* (McGraw-Hill).

### SM02. Pure Mathematics II.

Pre-requisite subject: Mathematics I (SM01) at Division I or higher standard.

The course comprises four lectures and one tutorial class a week.

The syllabus comprises elementary theory of real and complex functions; convergence of real and complex sequences, power series; linear algebra, matrices, and determinants; calculus of functions of several variables.

Text-books:

Courant, R., *Differential and integral calculus*, vol. 1 (Blackie); or

Courant, R., and John, F., *Introduction to calculus and analysis*, vol. 1 (Interscience); or

Burkill, J. C., *A first course in mathematical analysis* (C.U.P.).

Lang, S., *Linear algebra* (Addison-Wesley).

Reference books:

Kahn, P. J., *Introduction to linear algebra* (Harper).

Apostol, T. M., *Calculus*, vol. 1 (Blaisdell).

Cohn, P. M., *Linear equations* (Kegan Paul).



- Blank, A. A., *Problems in calculus and analysis* (Wiley).  
 Hyslop, J. M., *Infinite series* (Oliver and Boyd).  
 Finkbeiner, D. T., *Introduction to matrices and linear transformations* (Freeman).  
 Munkres, J. R., *Elementary linear algebra* (Addison Wesley).

Recommended general reading:

- Adler, I., *The new mathematics* (Mentor, New American Library; John Day).  
 Waismann, F., *Introduction to mathematical thinking* (Harper torchbook; Hafner).  
 Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman), chapters 7, 8, and 9.  
 Sawyer, W. W., *Prelude to mathematics* (Pelican).

### SM12. Applied Mathematics II.

Pre-requisite subject: Mathematics I (SM01) at Division I or higher standard.

The course assumes an elementary knowledge of computer programming. (Short programming courses are given by the Department of Computing Science about the end of February, and from time to time during the year.)

The course comprises four lectures and one tutorial class a week.

The syllabus comprises a selection of topics from: vector differential calculus, ordinary and partial differential equations, Laplace transforms, special functions, sequences series and Fourier series, linear algebra, probability and statistics, computing, dynamics of a particle and of rigid bodies, generalised co-ordinates and Lagrange's equations.

Text-books:

- Kreyszig, E., *Advanced engineering mathematics* (Wiley).  
 Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).  
 Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).

Reference books:

- Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).  
 Hoel, P. G., *Introduction to mathematical statistics* (Wiley).  
 Brand, L., *Advanced calculus* (Wiley).  
 Boas, M. L., *Mathematical methods in the physical sciences* (Wiley).  
 Stephenson, G., *An introduction to partial differential equations for science students* (Longmans).

### THIRD-YEAR SUBJECTS IN MATHEMATICS.

The Department of Mathematics offers the following units, each of which consists of about 18 or 27 lectures and 4 tutorials, together with weekly exercises.

1. COMPLEX ANALYSIS	}	First term
2. ALGEBRA I		
3. VECTORS AND TENSORS		
4. PROBABILITY THEORY	}	Second term
5. REAL ANALYSIS I		
6. LINEAR SPACES		
7. NUMERICAL ANALYSIS		
8. DIFFERENTIAL EQUATIONS	}	Third term
9. REAL ANALYSIS II		
10. ALGEBRA II		
11. GEOMETRY		
12. CONTINUUM MECHANICS		
13. OPERATIONS RESEARCH		

Each unit may be offered in at most *one* subject for the Degree.

A document on pre-requisite knowledge for the above units is available from the Mathematics Department. A student who wishes to offer any of the above units in a subject other than a Mathematics subject should consult this document. (In particular, units 7, 12 and 13 assume an elementary knowledge of computer programming.)

The Department offers the following subjects:

### SM03. Pure Mathematics III.

A Group C(1) subject. Units 1, 2, 5, 6, 9 and *either* 10 or 11, provided that none of the six units chosen is offered in any other subject. (If a unit is offered in another subject, another unit approved by the Head of the Department must be substituted for it.)

Pre-requisite: a pass in Pure Mathematics II (SM02) at Division I or higher standard.

### SM13. Applied Mathematics III.

A Group C(1) subject. Units 1, 3, 7, 8, 12, 13, provided that none of these units is offered in another subject. (If a unit is offered in another subject, another unit approved by the Head of the Department must be substituted for it.)

Pre-requisite: a pass in Applied Mathematics II (SM12) at Division I or higher standard and a pass in Pure Mathematics II (SM02).

### SM08. Honours Mathematics III.

A Group D Subject.

A student wishing to take this course must first consult the Head of the Department.

The subject comprises such parts of Pure Mathematics III, Applied Mathematics III, Mathematical Statistics II and other courses as the Heads of the Departments of Mathematics and Statistics shall prescribe. Courses offered by the Departments of Computing Science and Mathematical Physics may be included, with the permission of the Heads of the Departments of Mathematics and Statistics.

Pre-requisites: Passes in Pure Mathematics II (SM02) and *either* Applied Mathematics II (SM12) or Mathematical Statistics I (ST02), each at Division I or higher standard.

Preliminary reading:

Units 2, 6, 10:

Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman).

Text-books:

Unit 1:

Ahlfors, L. V., *Complex analysis* (McGraw-Hill) or Nehari, Z., *Introduction to complex analysis*, revised edition (Allyn and Bacon). (Nehari is suitable for those mainly interested in applied mathematics.)

Units 2, 6, 10:

Birkhoff, G., and MacLane, S., *A survey of modern algebra*, 3rd edition (Macmillan).

Unit 3:

Spiegel, M. R., *Vector analysis* (Schaum).

Unit 4:

Feller, W., *An introduction to probability theory and its applications*, (Wiley).

Units 5, 9:

Apostol, T., *Mathematical analysis* (Addison-Wesley).

Unit 6:

Halmos, P. R., *Finite dimensional vector spaces* (Von Nostrand).

## Unit 7:

Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

## Unit 11:

Tuller, A., *A modern introduction to geometrics* (Van Nostrand).

## Reference books:

## Unit 1:

Mitrinovic, D. S., *Functions of a complex variable* (Noordhoff).

Mitrinovic, D. S., *Calculus of residues* (Noordhoff).

## Unit 3:

Rutherford, D. E., *Vector methods* (Oliver and Boyd).

Spain, B., *Tensor calculus* (Oliver and Boyd).

## Unit 4:

Kingman, J. F. C., and Taylor, S. J., *Introduction to measure and probability* (Cambridge).

Loève, M., *Probability theory*, 3rd edition (Van Nostrand).

## Units 5, 9:

Boas, R. P., *A primer of real functions* (Carus Math. Monographs 13) (Wiley).

Newman, M. H. A., *Elements of the topology of plane sets* (Cambridge).

Rudin, W., *Principles of mathematical analysis*, 2nd edition (McGraw-Hill).

Fleming, W. H., *Functions of several variables* (Addison-Wesley).

## Unit 7:

Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).

National Physical Laboratory, Mathematics Division, *Modern computing methods* (H.M.S.O.).

## Unit 8:

Courant, R., and Hilbert, D., *Methods of mathematical physics*, vol. I (Interscience).

Epstein, B., *Partial differential equations* (McGraw-Hill).

Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).

Rabenstein, A., *Introduction to ordinary differential equations* (Academic Press).

## Unit 11:

Coxeter, H. S. M., *Introduction to geometry* (Wiley).

Fishback, W. T., *Projective and Euclidean geometry* (Wiley).

## Unit 12:

Lamb, H., *Hydrodynamics* (Dover: C.U.P.).

Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd).

Filonenko-Borodich, M., *Theory of elasticity* (Noordhoff).

Sokolnikoff, I. S., *Mathematical theory of elasticity* (McGraw-Hill).

## Unit 13:

Berge, C., and Chouila-Houri, A., *Programming, games and transportation networks* (Wiley).

Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).

Saaty, T. L., *Mathematical models of operational research* (McGraw-Hill).

Spivey, W. A., *Linear programming: an introduction* (Macmillan).

Crandall, S. H., *Engineering analysis* (McGraw-Hill).

**SM99. Mathematics for the Honours Degree of B.A. or B.Sc.****(Honours Mathematics IV)**

Pre-requisite subjects: Honours Mathematics III (SM08), or Pure Mathematics III (SM03), Applied Mathematics III (SM13) and other prescribed courses or Pure Mathematics III (SM03), Mathematical Statistics II (ST03), and other prescribed courses, at a standard satisfactory to the Head of the Department.

Students are strongly advised to acquire a reading knowledge of a modern foreign language, preferably German or Russian.

This course will be determined from year to year. It will normally comprise topics selected from the following: theory of functions, real analysis, topology, modern algebra, theory of numbers, applied analysis, numerical analysis, advanced dynamics, hydrodynamics, systems analysis, information theory, probability theory, operations research, elasticity and plasticity.

Students are required to write a detailed report on some topic in mathematics under the supervision of a member of the Department; the topic should be discussed with the Head of the Department towards the end of the preceding year. Work on this project begin in the Department in the first week of February, and should be completed by the end of the second term.

## STATISTICS

### ST02. Mathematical Statistics I.

Pre-requisite subject: Mathematics I (SM01) at Division I or higher standard.

The course comprises four lectures and one two-hour tutorial class a week, and deals with the following topics: probability and probability distributions as mathematical models of statistical data, applications of the normal, binomial, Poisson, chi-square, t and F distributions, simple and multiple regression, correlation, analysis of variance, experimental design, quality control, introduction to some elementary aspects of fiducial inference, Fortran, programming of statistical computations.

#### Text-books:

Lindley, D. V., and Miller, J. C. P., *The Cambridge elementary statistical tables* (C.U.P.).

Control Data Corporation, 6400/6500/6600/ computer systems, *FORTRAN reference manual*.

#### Reference books:

Cramer, H., *The elements of probability theory* (Wiley).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd or 3rd edition (Wiley).

Dixon, W. J., and Massey, F. J., *Introduction to statistical analysis* (McGraw-Hill).

Snedecor, G. W., *Statistical methods (applied to experiments in agriculture and biology)*, 5th edition (Iowa State College Press).

Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industry* (Wiley).

Fisher, R. A., *Design of experiments*, 6th edition (Oliver and Boyd).

Cox, D. R., *Planning of experiments* (Wiley).

Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 5th edition, revised and enlarged (Oliver and Boyd).

Fraser, D. A. S., *Statistics: an introduction* (Wiley).

### ST03. Mathematical Statistics II.

Pre-requisite subjects: Mathematical Statistics I (ST02) at Division I or higher standard and Pure Mathematics II (SM02) at Division II or higher standard.

The course comprises four lectures and three tutorial classes a week, and the syllabus comprises the following double-units:

1. DISTRIBUTIONS AND ESTIMATION: First term.
2. LEAST SQUARES: Second and third terms. Linear hypotheses with applications to analyses of variance, regression and covariance, other models in analysis of variance, experimental design.

3. **STATISTICAL INFERENCE:** Second and third terms. Fiducial and Bayesian inference. Likelihood theory and tests of hypotheses. Interval estimation, tests of goodness of fit, contingency tables, transformation of binomial data, probits, etc. Order statistics, discriminant analysis and elements of sampling theory.

All units involve programming of statistical computations.

Text-book:

Lindley, D. V., and Miller, J. C. P., *The Cambridge elementary statistical tables* (C.U.P.).

Reference books:

Hacking, I., *Logic of statistical inference* (C.U.P.).

Jeffreys, H., *Theory of probability* (O.U.P.).

Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).

Kendall, M. G., and Stuart, A., *The advanced theory of statistics*, vols. I and II (Griffin).

Hogg, R. V., and Craig, A. T., *Introduction to mathematical statistics* (Macmillan).

Tucker, H. G., *An introduction to probability and mathematical statistics* (Academic Press).

Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industries* (Wiley).

Cramer, H., *Mathematical methods of statistics* (Princeton University Press).

Fisher, R. A., *The design of experiments* (Oliver and Boyd).

Fisz, M., *Probability theory and mathematical statistics* (Wiley).

Scheffe, H., *Analysis of variance* (Wiley).

Rao, C. R., *Linear statistical inference and its applications* (Wiley).

Williams, E. J., *Regression analysis* (Wiley).

Wilks, S. S., *Mathematical statistics* (Wiley).

Bliss, C. I., *Statistics in biology* (McGraw-Hill).

Fisher, R. A., *Statistical methods for research workers* (Oliver and Boyd).

#### Statistics in SM08. Honours Mathematics III.

Students who contemplate proceeding to Honours Statistics IV (ST99), will normally take Honours Mathematics III (SM08), which in their case will include Mathematical Statistics II (ST03), Pure Mathematics III (SM03), and other work in Statistics and Mathematics. Such students are required to consult the Head of the Department of Statistics.

Books: as for Mathematical Statistics II, Pure Mathematics III and other appropriate parts of Honours Mathematics III.

#### ST99. Statistics for the Honours Degree of B.A. or B.Sc. (Honours Statistics IV).

Pre-requisite subjects: Honours Mathematics III (SM08) or Pure Mathematics III (SM03), Mathematical Statistics II (ST03) and other prescribed courses, at a standard satisfactory to the Head of the Department.

Students are strongly advised to acquire a reading knowledge of a modern foreign language, preferably French, German or Russian.

The course will be determined from year to year, and will comprise topics selected from the following: statistical inference, estimation theory, tests of goodness of fit, regression, analysis of variance, experimental design, non parametric methods, time series, multivariate analysis, measure theory, probability and stochastic processes, statistical programming, linear algebra, numerical analysis, plus a selection of other courses from Honours Mathematics IV.

Students are required to write a detailed report on an assigned topic in Statistics under the supervision of a member of the Department; the topic should be discussed with the Head of the Department towards the end of the preceding year. Work on this project begins in the Department in the first week of February and is expected to continue throughout the first and second terms.

## MICROBIOLOGY.

## THIRD-YEAR SUBJECTS IN MICROBIOLOGY.

Pre-requisite subjects: Group A: General Physics (SP71) or Physics I (SP01), Chemistry I (SC01) and either Biology (SZ71) or Botany I (SB01) or Zoology I (SZ01). Group B: Division I pass or higher in any two of Physical and Inorganic Chemistry II (SC02), Chemistry II (SC12), Organic Chemistry II (SC12), Botany II (SB02), Zoology II (SZ02), Biochemistry I (SY02), Genetics I (SJ02) and Physiology I (SS02).

Students intending to take Microbiology are strongly recommended to precede their Microbiology course with Biochemistry I (SY02) or Zoology II (SZ02).

The Department offers the following double-units:

1. **GENERAL MICROBIOLOGY:** First term. 18 lectures, 9 tutorials, 100 hours' practical.

The course illustrates that while bacteria share with other forms of life many common features of structure, development and function, they also differ in some fundamental ways. An introduction to the bacteria will be given, followed by a more detailed consideration of the distinctive characteristics of their growth, sexual and asexual multiplication and genetic recombination. Bacterial viruses will be discussed in some detail.

2. **IMMUNOLOGY:** Second term. 27 lectures, 18 tutorials, 70 hours' practical.

The aim of the course during the second term is to acquaint the student with the basic principles and concepts of immunological mechanisms whereby mature vertebrates resist invasion by bacteria, viruses and foreign tissue cells.

The structure and diversity of antibodies and antigens will be considered, together with a discussion of the methods available for the detection of antibodies in relation to the specificity of antigen-antibody reactions. This will be followed by an examination of the kinetics of the immune response, with particular reference to the cells involved in antibody formation, immune tolerance, hypersensitivity reactions and immunity to transplanted foreign tissues. Finally, the genetic control of susceptibility to infection will be discussed on the basis of present knowledge of the immunological mechanisms involved in the removal of parasites from mammalian hosts.

3. **IMMUNOLOGY:** Third term. 27 lectures, 18 tutorials and seminars, 70 hours' practical.

During the third term the general importance of the mechanisms of natural and acquired immunity to fundamental biology will be considered. The roles that phagocytic cells and humoral factors, including antibody and complement, play in the recognition and removal of foreign and effete materials in invertebrates and vertebrates will be discussed. Emphasis will be placed on the evolutionary sequence and increasing complexity of the systems involved in recognition of unwanted materials. Consideration will be given to the role of the thymus in the development of immunological competence in foetal and newborn animals. Finally, various theories of antibody production will be considered in the light of present knowledge of the detailed structure of antibody molecules, including allotype specificities, the relationship of antibody structure to function and the genetic control of protein synthesis.

The subjects offered are:

**SK03. Microbiology.**

A Group C(1) subject. Double-units 1, 2, 3.

**SK13. Microbiology A.**

A Group C(2) subject. Double-units 1, 2 with two units or one double-unit from one other department approved by the Heads of the Departments concerned.

**SK23. Microbiology B.**

A Group C(2) subject. Double-units 2,3, with two units or one double-unit from one other department approved by the Heads of the Departments concerned.

Students taking the full course in Microbiology may take Genetics II.

Students interested in taking Honours Microbiology are recommended to take the full course in Microbiology.

Preliminary reading (for all subjects):

De Kruif, P. H., *The microbe hunters* (Harcourt, Bruce and Co.).

Nicol, H., *Microbes by the million* (Penguin).

Text-books (for all subjects):

Davis, B. D., and others, *Microbiology* (Hoeber Medical Division).

Humphrey, J. H., and White, R. G., *Immunology for students of medicine*, 3rd edition (Blackwell).

Kabat, E. A., *Structural concepts in immunology and immunochemistry* (Holt, Rinehart and Winston).

Reference books:

Boyd, W. C., *Fundamentals of immunology*, 4th edition (Interscience).

Kabat, E. A., and Mayer, M. M., *Experimental immunochemistry*, 2nd edition (Thomas).

**SK99. Microbiology for the Honours degree of B.Sc.**

Pre-requisite subject: Bacteriology II (former subject) (in 1961); Microbiology (SK03) (from 1962) at a standard satisfactory to the Head of the Department.

An intending candidate should consult the Professor of Microbiology some time during the year preceding the Honours year.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work, and to participate in experimental work of a research character under the direction and supervision of the Professor of Microbiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be provided by the Department of Microbiology. Candidates will be required also to satisfy the Professor that they have a reading knowledge of French or German.

**ADDITIONAL SUBJECTS.****SK74. Microbiology.****SK89. Microbiology for the Honours degree of B.Med.Sc.**

For syllabuses see under Faculty of Medicine.

**PHYSICS.****INTRODUCTORY NOTES.**

1. Students are directed to refer to the Laboratory Rules, which appear at the end of Part IV of the Calendar. For all laboratory classes students must provide stiff-covered practical notebooks with alternate pages ruled for graphical work (preferably to a scale of 1 mm.).
2. On completing Physics II a student may elect either to take Physics III (a third-year course for the Ordinary degree of B.Sc.) or to begin the two-year Honours course in Physics consisting of Physics III H and Honours Physics IV. A student who completes Physics III H and subsequently decides not to proceed further in Honours Physics will be credited with a Group C subject for the Ordinary degree.

3. Students are directed to take particular note of the pre-requisites for each subject. In particular they should note that whereas *either* Pure Mathematics II *or* Applied Mathematics II is an acceptable pre-requisite for Physics III, only Applied Mathematics II is acceptable as a pre-requisite for Physics III H and Applied Mathematics III or Mathematical Physics A should be taken concurrently with Physics III H. Thus a student who wishes, or thinks that he may wish, to proceed to the Honours degree in Physics is strongly advised to plan his course to encompass the following subjects:

First Year: Physics I; Mathematics I; Chemistry I; one other Group A subject.

Second Year: Physics II; Applied Mathematics II; Pure Mathematics II.

Third Year: Physics III H; Applied Mathematics III or Mathematical Physics A.

Fourth Year: Honours Physics IV.

### SP01. Physics I.

There are no formal pre-requisites for Physics I, but a knowledge of Matriculation Physics and Matriculation Mathematics I will be assumed.

The course comprises three lectures, one tutorial and three hours of practical work a week, and is given annually.

The course is given in the following parts:

Mechanics, including classical mechanics, special relativity, and introductory quantum physics.

Structure of matter, including atomic and nuclear properties, structure and properties of microscopic systems, and gravitation.

Oscillations and waves, including forced and natural oscillations, elastic waves, interference and diffraction, and an introduction to theories of light.

Electricity and magnetism, including electrostatics, electromagnetic effects, alternating currents, particles and fields.

Text-book:

Resnick, R., and Halliday, D., *Physics*, combined edition (Wiley-Toppan);  
*or*

Reference books:

Weidner, R. T., and Sells, R. L., *Elementary classical physics*, vols. 1 and 2 (Allyn and Bacon), *and*

Feynman, R. P., and others, *The Feynman lectures on physics*, vol. 1 (Addison-Wesley).

Shortly, G., and Williams, D., *Elements of physics*, 4th edition (Prentice-Hall).

Taylor, E. F., *Introductory mechanics* (Wiley).

Jenkins, F. A., and White, H. E., *Fundamentals of optics*, 3rd edition (McGraw-Hill).

French, A. P., *Principles of modern physics* (Wiley).

Feather, N., *Vibrations and waves* (Pelican).

Gamow, G., *Matter, earth and sky*, 2nd edition (Prentice-Hall).

Ebbighausen, E. G., *Astronomy* (Merrill).

### SP02. Physics II.

Pre-requisite subjects: Mathematics I (SM01); and Physics I (SP01) at Division I or higher standard.

The course comprises three lectures, one tutorial and six hours practical work a week, and is given annually.

The following books are recommended in addition to those listed for Physics I (SP01):

Duffin, W. J., *Electricity and magnetism* (McGraw-Hill).

Zemansky, M. W., *Heat and thermodynamics* (McGraw-Hill)

Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

Brophy, J. J., *Basic electronics for scientists* (McGraw-Hill).



- Burcham, W. E., *Nuclear physics* (Longmans).  
 Brophy, J. J., *Semi-conductor devices* (Allen and Unwin).  
 Jonscher, A. K., *Solid semiconductors* (Routledge).  
 Livesey, D. L., *Atomic and nuclear physics* (Blaisdell).  
 MacFadyen, K. A., *Physics laboratory handbook for students* (University of London Press).

### THIRD-YEAR SUBJECTS IN PHYSICS.

The department offers the following units, each of which consists of about 18 lectures.

1. ELECTROMAGNETISM H (First term).
2. ELECTROMAGNETISM H (Second term).
3. ATOMIC AND NUCLEAR PHYSICS H.
4. QUANTUM MECHANICS H.
5. THERMODYNAMICS AND OPTICS H (Composite).
6. ELECTROMAGNETISM (First term).
7. ELECTROMAGNETISM (Second term).
8. ATOMIC AND NUCLEAR PHYSICS.
9. QUANTUM MECHANICS.
10. RELATIVITY AND ELECTROMAGNETISM (Composite).
11. SOLID STATE.

The subjects offered are:

#### SP08. Physics IIIH.

Pre-requisite subjects: Physics II (SP02) and Applied Mathematics II (SM12), each at Division I or higher standard.

A Group C(1) subject. Units 1, 2, 3, 4, 5 and the unit in Mathematical Physics on Theory of Relativity, together with a minimum of 9 hours laboratory work each week. This subject is a pre-requisite for students intending to take Honours Physics IV.

Text- and reference books:

Students will be expected to be thoroughly familiar with the text- and reference books recommended for Physics I and II and to read such books as may be referred to from time to time, including the following:

- Slater, J. C., and Frank, N. H., *Electromagnetism* (McGraw-Hill).  
 Eisberg, R. M., *Fundamentals of modern physics* (Wiley).  
 Burcham, W. E., *Nuclear physics* (Longmans).  
 Stone, J. M., *Radiation and optics* (McGraw-Hill).  
 Borowitz, S., *Fundamentals of quantum mechanics* (Benjamin).  
 Ramo, S., and others, *Fields and waves in communication electronics* (Wiley).  
 Leighton, R. B., *Principles of modern physics* (McGraw-Hill).

#### SP03. Physics III.

Pre-requisite subjects: Physics II (SP02) at Division I or higher standard; and one of Pure Mathematics II (SM02) and Applied Mathematics II (SM12).

A Group C(1) subject. Units 6, 7, 8, 9, 10, 11, together with a minimum of 9 hours laboratory work each week.

Text- and reference books:

Those recommended for Physics II (SP02) and in addition:

- Slater, J. C., and Frank, N. H., *Electromagnetism* (McGraw-Hill).  
 Ditchburn, R. W., *Light*, 2nd edition (Blackie).  
 Rindler, W., *Special relativity* (Oliver and Boyd).  
 Levy, R. A., *Principles of solid state physics* (Academic Press).  
 Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

## SP99. Honours Physics IV.

Pre-requisite subjects: Applied Mathematics III (SM13) or Mathematical Physics A (SF03); and Physics III H (SP08) at a standard satisfactory to the Professor of Physics.

The course comprises supervised laboratory work, and lectures in continuation of Physics III H (SP08). Students will be required to study such text-books as may be referred to in the lecture courses.

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 PHYSIOLOGY.

Combinations of Physiology and Physics, Physical and Inorganic Chemistry, Organic Chemistry, Biochemistry or Mathematics are acceptable. Other combinations are possible, but it is recommended that students intending to proceed to Physiology II should have an adequate background in Mathematics, and Chemistry at least to second-year level. The student is advised to consult the Department of Physiology before commencing any course in Physiology.

## SS02. Physiology I.

Pre-requisite subjects: Physics I (SP01); Chemistry I (SC01), Zoology I (SZ01) or Biology (SZ71). It is recommended that students should have completed Mathematics I (SM01) or Mathematics IS (SM71).

This course consists of approximately equal parts of Histology and Physiology.

**Histology:** The course comprises about thirty lectures and eighty hours' practical work and includes microscopy; introductory cytology and cytochemistry; and the histology of intercellular substance, tissues and systems of the body. Emphasis is laid on the relationship of structure to function.

Students are provided with loan collections of slides. Some microscopes are available on loan.

**Physiology:** The course comprises thirty-six lectures and eighty hours' practical work. The subject matter deals with the function of the principal mammalian tissues, organs and systems, together with the hormonal and neural integrations of the organism. A background of general physiology is given during the first term.

## Text-books:

For Histology:

Hewer, E. E., *Text-book of histology for medical students* (Heinemann);

or

Garven, H. S. D., *A student's histology* (Livingstone).

For Physiology:

Ganong, W. F., *Review of Medical Physiology* (Lange).

and

Florey, E., *An introduction to general and comparative physiology* (Saunders).

## Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Brooks, C. McC., and others, *Humors, hormones and neurosecretions* (State University of New York, 1962).

Clark, Sir W. E. Le Gros, *The tissues of the body* (O.U.P.).

Bourne, G. H., *An introduction to functional histology* (Churchill).

Butler, J. A. V., *Inside the living cell* (Allen and Unwin).

Ruch, T. C., and Paton, H. D., *Physiology and Biophysics* (Saunders).

## THIRD-YEAR SUBJECTS IN PHYSIOLOGY AND PHARMACOLOGY.

Pre-requisite subject: Physiology I at Division I pass or higher standard. Further, it is recommended that students should have completed the course in one of the following: Biochemistry I (SY02), Chemistry II (SC12), Organic

Chemistry II (SO02), Physical and Inorganic Chemistry II (SC02).

The Department offers the following units, each of which consists of some 14 hours' lectures and 50 hours' practical work:

1. PASSIVE MEMBRANE PROPERTIES: First term. Membrane structure, membrane resistance and capacitance. Donnan equilibria and membrane potentials. Core cable theory.
2. ACTIVE MEMBRANE PROPERTIES: First term. Ionic fluxes, action potentials, synaptic mechanisms.
3. SYSTEMATIC PHYSIOLOGY I: Second term. Physiology and biophysics of circulation. Respiratory exchange.
4. SYSTEMATIC PHYSIOLOGY II: Second term. Kidney and body fluids. Homeostasis.
5. PHARMACOLOGY OF NEUROTRANSMISSION I: Second term. Neurotransmission in nerve and muscle and its modification by drugs.
6. PHARMACOLOGY OF NEUROTRANSMISSION II: Second term. Effects of biogenic amines and polypeptides on nerve and muscle.
7. SENSORY-MOTOR FUNCTIONS: Third term. Somaesthetics, special-senses, and the motor system.
8. CENTRAL NERVOUS INTEGRATION: Third term. Sleep, consciousness, the limbic system, memory.
9. GENERAL PHARMACOLOGY I: Third term. Drug receptor theory and metabolism.
10. GENERAL PHARMACOLOGY II: Third term. Distribution of drugs and actions on the C.N.S.

The subjects offered are:

#### SS03. Physiology II.

A Group C(1) subject. Units 1, 2, 3, 4, 9, 10; or 1, 2, 5, 6, 7, 8.

Students taking Physiology II (SS03) must nominate their units at the time of enrolment.

#### SS33. Physiology IIA (Physiology).

A Group C(1) subject. Units 1, 2, 3, 4, 7, 8.

#### SS43. Physiology IIB (Pharmacology).

A Group C(1) subject. Units 1, 2, 5, 6, 9, 10.

#### SS53. Physiology IIM.

A Group C(3) subject. With approval of the Heads of the Departments concerned, a combination of four units from the above list (two terms' work) together with two units or one double-unit (one term's work) in another department.

Text-books (for units 1 and 2):

Katz, B., *Nerve, muscle and synapse* (McGraw-Hill).

Eccles, J. C., *The physiology of synapses* (Springer-Verlag).

(for units 3 and 4):

Burton, A. C., *Physiology and biophysics of the circulation* (Year Book Medical Publishers).

Pitts, R. F., *Physiology of the kidney and body fluids* (Year Book Medical Publishers).

Comroe, J. H., *Physiology of respiration* (Year Book Medical Publishers).

(for units 5 and 6):

Lewis, J. J., *An introduction to pharmacology*, 3rd edition (Livingstone).

Goth, A., *Medical pharmacology*, 3rd edition (Mosley).

Triggle, D. J., *Chemical aspects of the autonomic nervous system* (Academic Press).

(for units 7 and 8):

Grossman, S. B., *A textbook of physiological psychology* (Wiley).

(for units 9 and 10):

Ariens, E. J., *Molecular pharmacology*, vol. 1 (Academic Press).

Reference books (for all subjects):

*Handbook of physiology* (American Physiological Society).

Goodman, L. J., and Gilman, A., *The pharmacological bases of therapeutics*, 3rd edition (Macmillan).

PHARMACOLOGY OR PHYSIOLOGY FOR THE HONOURS DEGREE  
OF B.Sc.

SS89. Pharmacology for the Honours degree of B.Sc.

Pre-requisite subjects: Physiology II (SS03), Physiology IIB (SS43), or the four units 5, 6, 9, 10.

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the pharmacology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Head of the Department. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Human Physiology and Pharmacology. Candidates may be required also to satisfy the Head of the Department that they have a reading knowledge of French and German.

SS99. Physiology for the Honours degree of B.Sc.

Pre-requisite subject: Physiology II (SS03), or Physiology IIA (SS33).

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the physiology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Physiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Human Physiology and Pharmacology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

ADDITIONAL SUBJECTS.

SS73. Human Physiology.

For syllabus see under Physical Education.

SS12. Human Physiology.

SS13. Human Physiology.

SS74. Applied Physiology and Pharmacology.

SS69. Physiology for the Honours degree of B.Med.Sc.

SS79. Pharmacology for the Honours degree of B.Med.Sc.

For syllabuses see under Faculty of Medicine.

SS22. Human Physiology.

SS23. Human Physiology.

For syllabuses see under Faculty of Dentistry.

SS81. Physiology.

For syllabus see under Physiotherapy.

## ZOOLOGY.

**EXAMINATIONS.**—All examinations in Zoology include both practical and theoretical papers; these cannot be taken separately.

**PRACTICAL ZOOLOGY.**—A record of all work done in the laboratory must be kept in a suitable notebook; these records will be inspected periodically and at the final examination.

## SZ01. Zoology I.

There will be seven hours of formal instruction each week of which not more than three will be spent on lectures.

The emphasis in this course is on the study of animals in relation to their environment. Some adaptations of animals that live in the sea, in fresh water and on land. Parasites and their environment.

The following topics are also dealt with: the principles of genetics, ecology, physiology and taxonomy, the mechanism of evolution, the nature of science and scientific method.

The lectures and the practical course centre around the following animals: *Amoeba*, *Euglena*, *Paramecium*, *Hydra*, *Dugesia*, *Megascolex*, *Cherax*, *Daphnia*, *Bufo*, *Ciona*, *Squalus*; *Periplaneta*, *Helix*, *Rattus*; *Plasmodium*, *Fasciola*, *Taenia*, *Ascaris*.

## Text-books:

Villee, C. A., Walker, W. F., and Smith, F. E., *General zoology* (Saunders).

Buchsbaum, R. M., *Animals without backbones*, Vols. 1 and 2 (Penguin).

Rook, A. (ed.), *The origins and growth of biology* (Pelican). No lectures are given on the work in this book. It must, however, be read and carefully studied.

Browning, T. O., *Animal populations* (Hutchinson).

## Students should consult:

Romer, A. S., *Man and the vertebrates*, vols. 1 and 2 (Penguin).

Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).

Baldwin, E., *An introduction to comparative biochemistry* (C.U.P.).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).

Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin).

## SZ02. Zoology II.

Pre-requisite subjects: Chemistry I (SC01), and a pass, at Division I standard or higher, in Zoology I (SZ01). In special circumstances, and with the permission of the Head of the Department, Biology (SZ71) may be accepted as a pre-requisite instead of Zoology I (SZ01); students wishing to count Biology as a pre-requisite should consult the Head of the Department not later than January 30th in the year in which they wish to begin Zoology II.

The course includes the following subjects: cellular physiology; selected topics in environmental physiology; speciation and the evolution of phyla; principles of taxonomy and biogeography; and quantitative biology. Topics are selected for their relevance to the ecology and physiology that is taught in Zoology III (SZ03).

## Text-books:

Cain, A. J., *Animal species and their evolution* (Hutchinson).

Scott, T. D., *The marine and freshwater fishes of South Australia* (Government Printer, Adelaide).

Villee, C. A., and others, *General zoology*, 3rd edition (Saunders).

## Reference books:

Borradaile, L. A., and others, *The invertebrata*, 4th edition (C.U.P., 1961).

Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).

- Dakin, W. J., *The Australian sea shores* (Angus and Robertson).  
 Giese, A. C., *Cell physiology*, 2nd edition (Saunders).  
 Hyman, L. H., *The invertebrates*, Vols. 1-6 (McGraw-Hill).  
 Mayr, E., and others, *Methods and principles of systematic zoology* (McGraw-Hill).  
 Parker, T. J., and Haswell, W. A., *A text-book of zoology*, vol. 1, 6th edition and vol. 2, 7th edition (Macmillan).  
 Romer, A. S., *The vertebrate body* (Saunders).  
 Saunders, J. T., and Manton, S. M., *A manual of practical vertebrate morphology*, 3rd edition (O.U.P.).  
 Young, J. Z., *The life of the vertebrates* (O.U.P.).

### THIRD-YEAR SUBJECTS IN ZOOLOGY.

Pre-requisite subject for all third-year subjects in Zoology: Zoology II (SZ02) at Division I pass or higher standard.

The Department offers the following double-units, each of which consists of about 27 lectures and 81 hours' practical work.

1. **ECOLOGY AND MARINE BIOLOGY:** 27 lectures and practicals during first term.

About one-third of the course deals specifically with marine animals. The following topics will be discussed. The population in relation to the community and the ecosystem. The theory of environment: self-regulatory mechanisms; the control of numbers by other components of environment. Behavioural and physiological responses of animals to their environment. The marine environment: ocean currents, tides and waves, salinity, temperature and movement of water; the ocean floor. Plankton: adaptation to environment; migrations; nutrient cycles and food chains. Fisheries: growth-rates; age-determination; populations. Intertidal animals: environment; adaptations to environment; distribution.

Text-book:

Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen).

2. **EVOLUTION AND BEHAVIOUR:** 27 lectures and practicals during second term.

Evolution will occupy about a third of the course, and the following topics will be covered: modern theory of evolution; variation and its conservation; gene frequency; selection; polymorphism, speciation; isolating mechanisms; the evolution of genetic systems.

The other two-thirds of the course will be devoted to animal behaviour. The emphasis will be on behaviour as adaptation to environment. Some or all of the following topics will be discussed: circadian rhythms; learned and innate behaviour; orientation; animal navigation; communication; sexual behaviour; sociality; aggression; prey catching and predator avoidance.

Text-books:

Ford, E. B., *Mendelian evolution*, 7th edition (Methuen).

Sheppard, P. M., *Natural selection and heredity* (Hutchinson).

3. **PHYSIOLOGY:** 27 lectures and practicals during third term.

The course will cover the physiological responses of the whole animal to environmental stimuli, the functioning of selected systems, the co-ordination of different systems and homeostasis. Some or all of the following topics will be discussed in relation to the functioning of the various systems of the body. Reproduction and life-cycles; osmoregulation and the conservation of water and electrolytes; tolerance, exploitation and control of temperature; movement; metabolism and homeostasis. The topics will be discussed across the animal kingdom emphasising the comparisons between different sorts of animals.

4. CELLS AND EMBRYOS (given jointly with Botany): 27 lectures and practicals during third term.

Fertilisation; normal and asymmetric division of cells; differentiation of cells and regulation of cellular activities; polarity in spores, eggs and embryos; induction; control of growth and form in animals and plants.

Books: see entry under Botany.

The subjects offered are:

**SZ03. Zoology III.**

A Group C(1) subject. Double-units 1, 2, 3.

**SZ13. Zoology IIIA.**

A Group C(1) subject. Double-units 2, 3, 4.

**SZ23. Zoology IIIB.**

A Group C(1) subject. Double-units 1, 3, 4.

**SZ33. Zoology IIIC.**

A group C(1) subject. Double-units 1, 2, 4.

**SZ43. Zoology IIIM.**

A Group C(3) subject. With the approval of the Heads of the Departments concerned, a combination of two double-units from the above list (two terms' work), together with two units or one double-unit (one term's work) in another department.

Students who wish to enrol for Zoology IIIM and then to take an Honours degree in Zoology should consult the Head of the Department before they enrol for Zoology IIIM.

Reference books (for all subjects):

Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (Chicago U.P.).

Baldwin, E., *The nature of biochemistry* (C.U.P.).

Clausen, J. C., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).

Dawes, B., *A hundred years of biology* (Duckworth).

Dukes, H. H., *The physiology of domestic animals* (Comstock).

Ebert, J. D., *Interacting systems in development* (Holt, Rinehart and Winston).

Elton, C. S., *Animal ecology* (Sidgwick and Jackson).

Fisher, R. A., *The design of experiments* (Oliver and Boyd).

Ford, E. B., *Ecological genetics* (Methuen).

Fraenkel, G., and Gunn, D. L., *The orientation of animals* (O.U.P.).

Giese, A. C., *Cell physiology*, 2nd edition (Saunders).

Hardy, A. C., *The open sea*, parts I and II (Collins).

Harvey, H. W., *The chemistry and fertility of seawaters* (C.U.P.).

Hinde, R. A., *Animal behaviour* (McGraw-Hill).

Klopfer, P. H., and Hailman, J. P., *An introduction to animal behaviour* (Prentice-Hall).

Lockwood, A. P. M., *Animal body fluids and their regulation* (Heinemann).

Lorenz, K. Z., *Evolution and modification of behaviour* (Methuen).

McGill, T. E. (ed.), *Readings in animal behaviour* (Holt, Rinehart and Winston).

Marler, P. R., and Hamilton, W. J., *Mechanisms of animal behaviour* (Wiley).

Marshall, F. H. A., *Physiology of reproduction*, 3rd edition, ed. Parkes, vol. 1, parts 1 and 2, vol. 2. (Longmans).

Maynard, L. A., and Loosli, J. K., *Animal nutrition*, 5th edition (McGraw-Hill).

Odum, E. P., *Fundamentals of ecology*, 2nd edition (Saunders).

- Schmidt-Nielsen, K., *Desert animals* (O.U.P.).  
 Simpson, G. G., *The meaning of evolution* (Yale U.P.).  
 Sluckin, W., *Imprinting and early learning* (Methuen).  
 Sverdrup, H. V., and others, *The oceans* (Prentice-Hall).  
 Tinbergen, N., *The study of instinct* (O.U.P.).  
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).

#### SZ71. Biology.

It is advisable for every student taking this subject to have a knowledge of Matriculation Mathematics I, Physics and Chemistry.

A course consisting of two lectures, one tutorial and two periods of practical work each week throughout the year. Both day and evening classes will be held.

The course includes: an introduction to biochemistry, cell physiology and genetics; the structure and physiology of plants, and developmental concepts in plant evolution; the structural and functional evolution of animals; the mechanism of evolution, and the principles of ecology.

##### Text-books:

- Delevoryas, T., *Plant diversification* (Holt, Rinehart and Winston).  
 Goldsby, R. A., *Cells and energy* (Macmillan).  
 Weisz, P. B., *The science of biology*, 3rd edition (McGraw-Hill).

##### Reference books:

- Browning, T. O., *Animal populations* (Hutchinson).  
 Cockrum, E. L., and others, *Biology* (Saunders).  
 Galston, A. W., *The life of the green plant*, 2nd edition (Prentice-Hall).  
 Hardin, G., *Biology, its principles and implications*, 2nd edition (Freeman).  
 Johnson, W. H., and others, *Biology*, 3rd edition (Holt, Rinehart and Winston).

#### SZ99. Zoology for the Honours degree of B.Sc.

Students enrolled in Zoology III, IIIA, IIIB, IIIC, or IIIM who wish to take an Honours degree in Zoology should consult the Professor some time during the third year.

Candidates are expected to attain a higher standard in general zoology than that required for the Ordinary degree. To this end, a course of reading and several essays are prescribed. In addition, candidates are expected to study more deeply one branch of Zoology, and to carry out research as an exercise in scientific method.

Students are expected to begin work during the long vacation, and to work full-time at their courses throughout the year.

### B.Sc. DEGREE SUBJECTS TAUGHT BY OTHER FACULTIES.

#### WA02. Agriculture I.

A course of one lecture each week for three terms.

##### WORLD AGRICULTURE:

World resources and living standards; world crop and livestock production, factors influencing their distribution and yields; evolution of agriculture; world population and food supply.

##### AUSTRALIAN AGRICULTURE:

Australian resources; history and structure of Australian agriculture.

##### CLIMATE AS A FACTOR IN AGRICULTURAL PRODUCTION:

Global heat balance and climates; Australian climates; rainfall effectiveness; microclimatology.

##### Reference books:

- Andrews, J., *Australian resources and their utilization* (Dept. of Adult Education, University of Sydney).  
 Australia, C.S.I.R.O., *The Australian environment* (C.S.I.R.O., M.U.P.).  
 Hare, F. K., *The restless atmosphere* (Hutchinson).



- Haurwitz, B., and Austin, J. M., *Climatology* (McGraw-Hill).  
 Miller, A. A., *Climatology* (Methuen).  
 Wadham, S. M., Wilson, R. K., and Wood, Joyce, *Land utilization in Australia*. (M.U.P.)  
 Williams, D. B. (ed.), *Agriculture in the Australian economy* (Sydney U.P.).  
 Wilsie, C. P., *Crop adaptation and distribution* (Freeman).

### AJ83. Geography IIC.

#### CLIMATOLOGY.

Subject to the approval of the Faculty of Science, this subject may be taken under certain conditions by candidates for the degree of B.Sc. It is not available as a subject for the degree of B.A.

The course is the same as the optional subject "Climatology" in Geography III. It consists of one lecture and one tutorial per week throughout the year. Students who have not done Geography I and Geography II must see the lecturer during the first week of February and be prepared to read an introductory text before lectures begin.

#### Reference books:

- Geiger, R., *The climate near the ground* (Harvard).  
 Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).  
 Sutton, O. G., *Micrometeorology* (McGraw-Hill).

### MA13. Histology.

Pre-requisite subject: Physiology I (SS02) at Division I or higher standard.

The course consists of three lectures and not less than ten hours' practical work a week. From a morphological background it stresses the relationships between microscopic structure and function in mammalian cells and tissues.

The following subject matter is included: special methods in histology, including electron-microscopy; qualitative microscopic cyto- and histo-chemistry, general principles and localisation of various chemical substances, including enzymes; fine structure of cells and tissues and its relation to function; special study of tissues—differentiation and histogenesis, repair and transplantation, ageing; neurology and neurohistology; special senses.

#### Text-books:

- Ham, A. W., *Histology*, 5th edition (Lippincott); or  
 Maximow, A. A., and Bloom, W., *A text-book of histology*, 8th edition, revised by W. Bloom and D. W. Fawcett (Saunders).

#### Books for reference and further reading:

- McClung, C. E., *Handbook of microscopic technique* (Hoeber).  
 Pease, D. C., *Histological techniques for electron microscopy* (Academic Press).  
 Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).  
 Pearse, A. G. E., *Histochemistry* (Churchill).  
 Mitchell, G. A. G., *Anatomy of the autonomic nervous system* (Livingstone).  
 Ranson, S. W., *The anatomy of the nervous system* (Saunders).  
 Smith, C. G., *Basic neuroanatomy* (Univ. of Toronto Press).  
 Fawcett, D. W., *An atlas of fine structure* (Saunders).  
 Rhodin, J. A. G., *An atlas of ultrastructure* (Saunders).  
 Schadé, J. P., and Ford, D. H., *Basic neurology* (Elsevier).

Other references will be given during the course.

## PSYCHOLOGY

## Special Note Concerning Psychology Courses (Science).

In 1969 Psychology I (AY01) (a first-year subject) will be introduced in the Faculty of Science. Psychology I(S) (AY82) (a second-year subject) will be offered for the last time in 1969 being replaced thereafter by Psychology II (AY02). The pre-requisite for Psychology II (AY02) will be a Division I or higher level pass in Psychology I. Psychology II(S) (AY83) (a third-year subject) will be offered for the last time in 1970 being replaced thereafter by Psychology III (AY03).

## AY01. Psychology I.

This course provides a survey of the main fields of modern experimental psychology, and qualifies the student to take further psychology subjects. The topics covered are learning, perception, physiological psychology, personality, social psychology, thinking and language.

The course is made up of three lectures each week and two hours of practical laboratory work. In addition, students will be required to spend periods not exceeding a total of five hours in the year as participants in psychological experiments.

## Background reading:

Munn, N., *Psychology: the fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

## Text-books:

Millenson, J. R., *Principles of behavioral analysis* (Macmillan).

Tyler, L. E., *Tests and measurements* (Prentice-Hall).

Carroll, J. B., *Language and thought* (Prentice-Hall).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).

Gregory, R. L., *Eye and brain* (World University Library).

Runyon, R. P., and Haber, A., *Fundamentals of behavioral statistics* (Addison-Wesley).

## For students intending to take further psychology subjects:

Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).

## For those students not intending to take further psychology subjects:

Teitelbaum, P., *Physiological psychology* (Prentice-Hall).

Approximately 20 *Scientific American* off-prints will be recommended in lectures during the year.

## NOTES:

1. The books listed above will be discussed at the preliminary meeting of the class.
2. Extensions for written work to be submitted in Psychology I will be given only in those cases where a request in writing is accompanied by a medical certificate.

## AY82. Psychology I(S).

The course is designed to provide: (i) a study of fundamental psychological processes and (ii) a substantial course on the biological basis for behaviour.

Topics covered under (i) will include learning, perception, and psychophysics, and while emphasis will be placed on contemporary behaviour theories, there will also be some historical orientation.

Topics covered under (ii) will include neuroanatomy related to behaviour, an introduction to neuropsychology and biochemical bases of behaviour.

There will be 3 hours of lectures, 1 hour tutorial, and 1 hour statistics a week throughout the year. Four hours laboratory work a week for two terms will also be required.

*Preliminary reading:* This is mandatory reading before the beginning of the academic year.

- Hebb, D. O., *A textbook of psychology* (Saunders).  
 Broadbent, D. E., *Behaviour* (Eyre and Spottiswoode).  
 Dethier, V. G., and Stellar, E., *Animal behaviour* (Prentice-Hall).  
 Foss, B. M. (ed.), *New horizons in psychology* (Penguin).

## Reference books:

- Thompson, R. F., *Foundation of physiological psychology* (Harper and Row).  
 Deese, J. E., and Hulse, S. H., *The psychology of learning*, 3rd edition (McGraw-Hill).  
 Dember, W. N., *The psychology of perception* (Holt, Rinehart and Winston).  
 Fitts, P. M., and Posner, M., *Human performance* (Brooks-Cole).  
 Miller, G. A., *Language and communication* (McGraw-Hill) paperback.

## Additional reading:

- Gourevitch, V., *Statistical methods: a problem solving approach* (Allyn and Bacon).  
 Gregory, R. L., *Eye and brain* (Weidenfeld and Nicholson).  
 Grossman, S. P., *A textbook of physiological psychology* (Wiley).  
 Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston).  
 Hilgard, E. R., and Bower, G. H., *Theories of learning*, 3rd edition (Appleton-Century-Crofts).  
 Millenson, J. R., *Principles of behaviour analysis* (Macmillan).  
 Sidowski, J. B., *Experimental methods and instrumentation in psychology* (McGraw-Hill).  
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).  
 Thorpe, W. H., *Learning and instinct in animals* (Methuen).  
 Haber, R. N., *Contemporary theory and research in visual perception* (Holt, Rinehart and Winston).

## AY83. Psychology II (S).

Pre-requisites: A Division I pass in Psychology I (S) (AY82).

A Group C(1) subject, made up of the following double-units, each of which consists of about 36 lectures, 9 tutorials, and 54 hours' practical work:

1. **COGNITIVE AND MOTOR SKILLS:** First term. The application of principles of information and systems theory to investigations of problems of thinking, decision making and the development of motor skills.
2. **COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY:** Second term. The use of biochemical, physiological and phylogenetic approaches to the study of behaviour. This course will also include a series of lectures on behavioural genetics.
3. **PERCEPTION, ATTENTION AND REMEMBERING:** Third term. The application of information and statistical decision theory to problems of the reception and short-term storage of information.

## Preliminary reading:

- Edwards, E., *Information transmission* (Chapman and Hall).  
 Wooldridge, D. E., *The machinery of the brain* (McGraw-Hill).

## Reference books:

- Annual review of psychology* (Annual Reviews Inc.).  
 Berlyne, D. E., *Structure and direction in thinking* (Wiley).  
*Conference on acquisition of skill*, ed. E. A. Bilodeau (Academic Press).  
 Broadbent, D., *Perception and communication* (Pergamon).  
 Dienes, Z. P., and Jeeves, M. A., *Thinking in structures* (Hutchinsons).  
 Dienes, Z. P., and Jeeves, M. A., *The effect of structural relations upon transfer* (Hutchinsons).  
 Fitts, P. M., and Posner, M. I., *Human performance* (Brooks Cole).  
 Fuller, J. L., and Thompson, W. R., *Behaviour genetics* (Wiley).  
 Forgas, R. H., *Perception* (McGraw-Hill).

- Garner, W. R., *Uncertainty and structure as psychological concepts* (Wiley).
- Graham, C. H. (ed.), *Vision and visual perception* (Wiley).
- Green, D. M., and Swets, J. A., *Signal detection theory and psychophysics* (Wiley).
- Grossman, S. P., *A textbook of physiological psychology* (Wiley).
- Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston).
- Swets, J. A., *Signal detection and recognition by human observers* (Wiley).
- Summerfield, A. (ed.), "Experimental Psychology", *British Medical Bulletin*, 1964, Vol. 20, No. 1.
- Venables, P. H., and Martin, I. (eds.), *A manual of psychophysiological methods* (North Holland).
- Welford, A. T., *Ageing and human skill* (O.U.P.).

#### AY89. Psychology for the Honours degree of B.Sc.

Pre-requisite: Candidates must have attained a Division I pass in Psychology II (S) (AY83).

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the psychological laboratory. They will also be required to undertake an investigation of a research character under the supervision of a member of the staff of the Department. Special short courses of lectures on advanced topics will be given throughout the year by members of the staff. Candidates will be required to satisfy the Professor that they have a reading knowledge of French or German.

#### WB13. Soil Science I.

A course of two hours of lectures and three hours of practical work a week for three terms, dealing with soil formation and composition, and the chemistry and physics of soils in relation to soil fertility. Topics considered include: soil genesis, distribution of the major soil types of the world and Australia; composition of the inorganic and organic fractions of soils; clay mineralogy; chemistry of the plant nutrients in soils; the nitrogen cycle; air and water movements in soils; the physics of irrigation and drainage; soil erosion.

Practical work will consist of a number of field excursions, and laboratory work related to the above topics.

##### Text-books:

- Russell, E. W., *Soil conditions and plant growth*, 9th edition (Longmans).
- Leeper, G. W., *Introduction to soil science*, 3rd edition (M.U.P.).

##### Reference books:

- Baver, L. D., *Soil physics*, 3rd edition (Wiley).
- Bear, F. E., *Chemistry of the soil*, 2nd edition (Reinhold).
- Clarke, G. R., *The study of the soil in the field*, 4th edition (O.U.P.).
- Cooke, G. W., *The control of soil fertility* (Crosby Lockwood).
- Jenny, H., *Factors of soil formation* (McGraw-Hill).
- Stephens, C. G., *A manual of Australian soils*, 3rd edition (C.S.I.R.O.).

#### WB73. Soil Science IA.

This course comprises the lectures and practical work in pedology and soil physics given in Soil Science I (WB13) and the lectures on soil chemistry given in Agriculture II (WA03). The total content corresponds to two hours lectures and three hours practical work a week for two terms.

#### WB83. Soil Science IB.

In addition to the lectures and practical work described under Soil Science I (WB13), tutorials will be given and reading, essay and practical work assigned. The additional work will be concerned primarily with soil-plant relationships.

In addition to those books listed under Soil Science I the following books are recommended:

##### Reference books:

- Black, C. A., *Soil-plant relationships* (Wiley).
- Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

## BOARD OF STUDIES IN SOCIAL STUDIES

### SYLLABUS NUMBERS

The first two letters identify the professional subjects of the Diploma in Social Studies.

The first digit differentiates the subjects.

The second digit

2, 3: indicates year of subject, i.e. second or third.

4: indicates subject available to graduates only.

### DIPLOMA IN SOCIAL STUDIES.

(No new students will be admitted in 1969)

In addition to the syllabuses set out in detail below, Schedule III prescribes that students take--

AH11 History IB or AP01 Politics I or AL01 Philosophy I.

AY01 Psychology I or AY71 Psychology IA.

EE71 Social Economics or EE01 Economics I.

SZ71 Biology or MA92 Human Biology.

AY12 Psychology IIB or another second-year subject.

For syllabuses, see under Arts, Economics, Science or Medicine.

### OO03. Social Work II [New].

Pre-requisite subject for undergraduates: Social Work I.

The study of social work and social welfare continued. A study of social problems associated with family and child welfare, in mental and physical illness, and in other settings associated with the practice of social work. An analysis of policies and practice in selected welfare services with particular reference to their implications for social work. The practice of social work: attention will be given to interviewing, recording, and the processing of data from social agency records.

Students will be required to reach a satisfactory standard in practical work, which will include case discussions and clinical sessions throughout the year, and, for undergraduates, practice in a social agency throughout terms I and II.

Preliminary reading:

Forder, A., *Social casework and administration* (Faber).

Garrett, A., *Interviewing* (Family Service Association of America).

Overton, A., and others, *Casework Notebook* (Greater St. Paul Community Chests and Councils).

Reference books:

Barnes, E., *People in hospital* (Macmillan).

Brennan, T., and Parker, N. A., (eds.), *The foundations of social casework* (Novak).

- Cohen, Nathan E., (ed.), *Social work and social problems* (National Association of Social Workers).
- Hollis, F., *Casework: a psycho-social therapy* (Random House).
- Konopka, G., *Social Group Work: a helping process* (Prentice-Hall).
- Noyes, A. P., and Kolb, L., *Modern clinical psychiatry*, 6th edition (Saunders).
- Parad, H. J., (ed.), *Crisis intervention* (Family Service Association of America).
- Staton, T. F., *Dynamics of adolescent adjustment* (Macmillan).
- Additional references will be given throughout the lectures.

### OO63. Social Organisation [New].

Pre-requisite subject for undergraduates: Social Work I.

The organisation of welfare services in Australia.

Preliminary reading:

Sawer, G., *Australian government today* (M.U.P.).

Reference books:

References to Australian welfare services will include—

Birch, A. H., *Federalism, finance and social legislation* (Oxford U.P.).

Campbell, W. J., *Australian State public finance* (Law Book Company).

Davies, A. F., and Encel, S., (eds.), *Australian society* (Cheshire).

Davis, S. R. (ed.), *The government of the Australian states* (Longmans).

Davey, C. M., *Children and their law-makers* (Griffin).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Mendelsohn, R., *Social security in the British Commonwealth* (London, U.P.).

Spann, R. N. (ed.), *Public administration in Australia* (N.S.W. Government Printer).

Reference will be made also to selected Australian Government documents, such as the Reports of the Commonwealth Grants Commission, to United Nations documents, and to general reference books on social welfare administration and social work.

### FIELD WORK.

Candidates admitted as graduates should enrol for Field Work B (OO84).

Candidates admitted other than as graduates should enrol for Field Work A (OO73).

#### OO73. Field Work A.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in practical field work. This will include practice in social agencies in the long vacations, amounting to eight weeks at the end of the second year and twelve weeks at the end of the third year of the course.

#### OO84. Field Work B.

Before qualifying for the diploma a graduate must satisfy the Board that he has reached a satisfactory standard in practical work. This will include practice in social agencies amounting to twenty-six weeks. It will not begin usually until the student has passed the examination in Social Work II (OO03). Tutorials and case discussions will be held throughout the field work, and students will be required to present and to discuss assignments and case material, and undertake such tests as may be prescribed.

## FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

### SYLLABUS NUMBERS.

The first letter identifies the Faculty of Technology and Applied Science: T.

The second letter identifies the School (of the S.A. Institute of Technology) teaching the subjects, as follows:

<b>Accounting</b> ... .. A <b>Building</b> (subjects for old courses) D (subjects for new courses) B <b>Business Administration</b> ... U <b>Chemical Technology</b> (subjects for old courses) I (subjects for new courses) H <b>Civil Engineering</b> (subjects for old courses) V (subjects for new courses) C	<b>Electrical Engineering</b> ... E <b>Electronic Engineering</b> ... L <b>General Studies</b> ... .. G <b>Mathematics</b> ... .. M <b>Mechanical Engineering</b> (subjects for old courses) J (subjects for new courses) K <b>Metallurgy</b> ... .. T <b>Mineral Engineering</b> ... N <b>Pharmacy</b> ... .. F <b>Physics</b> ... .. P
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#### The first digit

0-3: indicates (except in Mathematics: 0-2) that the subject is in sequence with another subject.

4-9: indicates (except in Mathematics: 3-9) that the subject is not in sequence with another subject.

#### The second digit

1-4: indicates year of subject, e.g. first, second, third or fourth.

9: indicates Honours.

### SYLLABUSES

#### Hours a week

The figures at the right-hand side of the syllabus number and title indicate, respectively:

Number of lectures a week—number of hours of tutorial work a week—number of hours of practical work a week, throughout the three terms of the academic year.

A figure with a suffix, such as 2<sup>2</sup>, means two hours a week for two terms. Thus 2-2<sup>2</sup>-1 indicates a subject having two lectures and one hour of practical work a week throughout the year, and two hours a week of tutorial work for two terms.

#### Reference books

Lists of reference books are not given. Such lists are supplied to students early in the academic year by the lecturers concerned.

DEGREES OF BACHELOR OF TECHNOLOGY, BACHELOR OF  
APPLIED SCIENCE AND BACHELOR OF PHARMACY

BACHELOR OF TECHNOLOGY (BUILDING TECHNOLOGY).

OLD COURSE.

SECOND YEAR.

(To be offered for the last time in 1970.)

**TM42. Applied Mathematics (T).** (3-1-0)

Pre-requisite subject: General Mathematics.

The course comprises three lectures and one tutorial class a week.

Elementary statics and dynamics of a particle and of rigid bodies.

Dynamics: Straight line motion; curvilinear motion; simple harmonic motion; rigid body motion; plane motion; force, work and energy; impulse and momentum; dynamic equilibrium.

Statics: Equilibrium conditions; friction; catenary suspensions; centroids; moments of inertia.

Hydrostatics: Forces on submerged surfaces, metacentric height and stability of floating bodies.

**TD02. Building Science II (T).** (2<sup>2</sup> 1<sup>1</sup>-0-1)

Pre-requisite subjects: General Physics and Building Science I (T).

Part A. Environmental Physics.

*Climate*: general, Australian, local, variability.

*Physiology*: comfort, tolerances.

*Heat*: heat transfer, solar effects, insulation, shading.

*Light*: daylight, sunlight, artificial light, colours.

*Sound*: generation, reception, absorption, transmission.

*Design*: application of heat light and sound in element and building design.

*Fire*: generation, transfer, protection, risks and ratings.

Text-books:

Drysdale, J. W., *Designing houses for Australian climates* (C.E.B.S.).

Phillips, R. O., *Sunshine and shade in Australia* (C.E.B.S.).

Parkin, P. H., and Humphreys, H. R., *Acoustics noise and buildings* (Faber).

Reference books:

Kinzey, B. Y., and Sharp, H. M., *Environmental technologies in architecture* (Prentice Hall).

Great Britain, Building Research Station:

*Principles of modern building*, Vols. I and II (H.M.S.O.).

*Guide to current practice* (Institution of Heating and Ventilating Engineers).

Great Britain, Meteorological Office:

*Table of temperature, etc.*, Pt. VI, Australasia (H.M.S.O.).

Taylor, G., *Australia* (Methuen).

Part B. Sanitary science.



A course of lectures on principles and practice of sanitation: sewerage and trade wastes; types of drain and drain laying; jointing methods; trenches and trench timbering; drain testing; cisterns and flushometers; water supply and storage; wells and subartesian supply; sewerage ejectors; traps, trap syphonage and protection; ventilation of drains and waste pipes; fittings and fixtures used in building; lay-out and design of sanitary plumbing installations.

Text-book:

Department of Labour and National Service, *Sanitary plumbing and water supply*.

**TD12. Building Construction and Drawing II.** (1-0-2)

Pre-requisite subject: Building Construction and Drawing I.

A continuation of the study of building construction and drawing and the basic building elements as set out in Building Construction and Drawing I.

- (1) Siteworks: site investigations, ground movement, ground water problems, design of retaining walls.
- (2) Walls: waterproofing basements, stone walling, load bearing and framed structures, concrete walling.
- (3) Cladding of framed buildings: functional requirements, types of cladding.
- (4) Floors: in situ concrete floors, and pre-cast concrete floors and hollow floor systems, ceilings, types of suspended ceilings, staircases.
- (5) Roofs: trussed roof systems, portal frames, flat roofs, factory roofs, roof coverings, thermal expansion problems, roof plumbing.
- (6) Joinery: functional requirements, joinery construction, types of joint.

Students are expected to draw up examples of these basic elements and prepare study sheets on selected problems such as wall claddings and roof construction; a study is made of an example of multi-storey construction.

Text-book:

Foster, J. S., *Mitchell's advanced building construction, the structure* (Batsford).

Reference books:

Great Britain Building Research Board, *Principles of modern building*, Vols. 1 and 2 (H.M.S.O.).

C.E.B.S., *Notes on the science of building*.

McKay, W. B., *Building construction* Vols. 1, 2, 3 and 4 (Longmans Green).

De Mare, E., *New ways of building* (Architectural Press).

Field, J. E., and Stillman, J., *The design and practice of joinery* (Architectural Press).

**TD32. Building Administration I.** (2<sup>1</sup> 1<sup>2</sup>-0-0)

Pre-requisite subject: Building Construction and Drawing I.

**Part A. Conditions of Contract.**

A study of the most commonly used Conditions of Contract, including the standard documents of the Royal Australian Institute of Architects, the Department of Public Buildings, and the Commonwealth Department of Works; the preparation of contracts.

Reference books:

*The Conditions of Contract of the Royal Australian Institute of Architects.*

*The Conditions of Contract of the South Australian Department of Public Buildings.*

*The Conditions of Contract of the Commonwealth Department of Works.*

**Part B. Site Administration.**

*Site Layouts:* Offices, working areas, storage, hoists and cranes, temporary services.

*Records:* Materials, labour machinery.

*Setting Out:*

*Sub-contractors:*

*Site Staff:* Relationships with building owner and his representatives, local authorities and labour, general duties.

*Estimating Requirements:* Labour, materials.

*Legislation:* Scaffolding Act, local byelaws.

Reference books:

Gillespie, J. J., *Training in foremanship and management* (Pitman).

Hiscox, W. J., *Factory layout, planning and progress*.

Gilbreth, F. B., *Time study and motion study*.

Turner, G. J., and Elliott, R. J., *Project planning and control in the construction industry* (Cassell).

### TD22. Quantity Surveying II.

(2-0-0)

Pre-requisite subject: Quantity Surveying I.

Concurrent subject: Building Construction and Drawing II or IIA.

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: excavation, reinforced concrete, brickwork, metalwork, joinery, glazing and finishing trades including tiling, terrazzo work and other floor finishes.

Text-book:

*Australian standard method of measurement of building works*, 2nd edition (Institute of Quantity Surveyors, Australia).

### TV12. Structures IA (T).

(3-0-2)

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics (T).

A course of lectures with the same syllabus as Structures I (T) but with a reduced amount of practical and design work.

For text and reference books see syllabus for Structures I (T).

### TC62. Surveying IB.

(1-0-3)

Pre-requisite or concurrent subject: General Mathematics.

The course consists of one hour lecture a week and three hours practical work a week throughout the year.

*Lectures:* The construction, adjustment and use of instruments, including the theodolite; chain surveys; levelling; traverses; measurement in setting out of earth-work; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements; plotting and finishing plans; sections and tracings, plane table. Errors and their effects in chaining, levelling and instrument use.

*Practical Work:* Three hours a week throughout the year; chainage, detail survey, levelling, stadia, compass survey, plane tabling, setting out works, adjustment of instruments, calculations and plans connected with above.

Text-books:

Clark, D., *Plane and geodetic surveying*, vol. 1, 1958 (Constable).

Chambers, *Shorter six figure mathematical tables*.

Clendinning, J.: *Principles of surveying* (Blackie).

Clendinning, J., *Principle and use of survey instruments* (Blackie).

**TD82. History of Building.** (1-0-1)

The course consists of lectures and class work in the form of essays and written exercises.

Building techniques, methods of construction and materials used in the Ancient World, the Middle Ages, the Renaissance, the Baroque, the 19th and 20th Centuries.

The styles of Architecture current in the periods under consideration; the emphasis throughout the lectures is on building construction rather than architectural design. The influence of structural developments on architecture. The influence of transportation and mechanisation and other aspects of Town Planning.

## THIRD YEAR

(To be offered for the last time in 1972.)

**TD03. Building Science III (T).** (2-0-3<sup>1</sup>)

Pre-requisite or concurrent subject: Building Science II (T).

## Part A. Building Plant A.

The types, properties, uses and maintenance of plant. Planks, ropes (fibre and steel), slings and hooks, scaffolding, ladders. Office and sheds. Hoists, cranes and derrick poles. Portable and hand tools, woodworking machines. Pile driving equipment. Dewatering equipment, pumps. Formwork-wood and steel. Cement silos, aggregate hoppers, concrete mixers, concrete handling equipment, vibrators, pre-stressing equipment. Motors and engines. Large earth moving equipment. Transport vehicles.

*Note:* Visits to various building sites will be made.

## Part B. Service and Equipment of Buildings I.

A course of lectures and visits to buildings dealing with the principles involved in the design and provision of mechanical equipment of buildings; study of codes and regulations involved.

The course includes: heating; ventilation; air conditioning; electrical and gas services; illumination; fire protection; vertical transportation.

Exercises, problems and calculations involved in the design of the above services and equipment.

**TD13. Building Construction and Drawing III.** (1-0-5)

Pre-requisite subject: Building Construction and Drawing II.

Concurrent subject: Building Administration II.

Lectures: Advanced and heavy construction methods used in: reinforced concrete, pre-stressed concrete, steel frames, timber engineering, piling, shoring, underpinning, excavation, timbering, sheet piling, soil stabilization. Specification writing. Preparation of working drawings.

Practical: Selected projects based on the above. Preparation of working drawings and specifications for more advanced buildings.

Text-book:

C.E.B.S., *Notes on the science of building.*

**TD33. Building Administration II.** (2-0-3)

Pre-requisite subject: Building Construction and Drawing II, Building Administration I.

## Part A. Building Law A.

The South Australian Building Act and relevant regulations.

Co-ordination of the requirements of legislation and local practice of building construction. Exercises in the checking of plans and specification for compliance, and in the administration of the Act and regulations.

**Part B. Building Administration IIA.**

The organisation and administration of the building contractor's office, yard and sites. Staffing, periodic accounting, costing, quantities and estimates, and final settlements. Stock and labour requirements. Site meetings. Site control. Law in relation to building sites. Elementary contract programming and scheduling.

*Either*

**TD23. Quantity Surveying III. (3-0-0)**

Pre-requisite subjects: Quantity Surveying II and Building Construction and Drawing II.

The course consists of three hours of lectures a week throughout the year.

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: plumbing, draining, structural steel work, stonework, joinery fittings, and specialised services, including electrical and mechanical.

Costing analysis. Professional practice, including arbitration by quantity surveyors.

*Or*

**TU94. Supervision—Human Relations. (1½-0-0)**

The role of the supervisor; analysing and planning the supervisory job; characteristics of organisation; individual differences; motives and motivation; work interest; communication; handling problems; report writing; leadership grievances and complaints; maintaining discipline; absenteeism and labour turnover; employee selection; starting the new employee; the supervisor as an instructor; merit rating; understudy development; transfers, promotions, and dismissals; supervising women, juniors and older people; the new supervisor; the supervisor's personal development; morale.

Text-book:

Bittel, L., *What every supervisor should know* (McGraw-Hill).

*and*

**TD43. Building Administration III. (1½-0-0)**

Pre-requisite or concurrent subject: Building Administration II.

The course consists of lectures and class work in the form of written exercises.

The programming and scheduling of building projects. Critical path methods. Modified bar charts.

Integration of programme, progress and cost control, cost recording and estimating methods.

The computer in project planning and analysis.

Techniques of methods engineering.

**TD93. Design of Structures. (1-0-3)**

Pre-requisite subject: Strength of Materials (T).

An adaptation for students of Building Technology of the following course.

An introduction to the design of structures in concrete, timber and steel; the use of standard codes; design projects in concrete, steel and timber.

The relevant structural codes will form part of the course:

INT 350 (Minimum design loads on buildings).

INT 351 (Structural steel in buildings).

INT 352 (Manual metallic arc welding).

CA2 (Concrete code).

## Text-books:

- Broken Hill Pty. Co. Ltd., *Steel shapes and sections*.  
 Cement and Concrete Association of Australia, *Design and control of concrete mixes*.  
 Pearson, R. G., and others, *Timber engineering design handbook* C.S.I.R.O. (Melbourne U.P.).

**TD73. Estimating and Costing.** (2-0-0)

The costing system, time studies, analysis of costs, cost control, estimating data and realistic estimating applicable to building and civil engineering works.

**TA83. Bookkeeping and Accounts** (2-0-0)

The conventional basis of accounting, recording, reporting analysis and interpretation. Sole traders, partnerships, limited liability companies. The nature of capital, sources of finance. The balance sheet. Subsidiary and classified records. Cash transactions and negotiable instruments. Costing concepts. The nature and classification of costs. The elements of cost. Simple collection and measurement of cost on a job cost basis. Office costing and expense rates. An introduction to budgetary control, financial budgets, capital budgets.

## Text-books:

To be notified in class.

**BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING).****OLD COURSE.****SECOND YEAR**

(To be offered for the last time in 1970.)

**TM71. Mathematics I (Engineering).** (3-2-0)

Pre-requisite subject: General Mathematics *or* Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week. The syllabus comprises differential and integral calculus, partial differentiation, infinite series, differential equations, complex numbers, vector algebra, matrices.

**TM42. Applied Mathematics (T).**

For syllabus see Subject Index.

**TV02. Structures I (T).** (3-0-4)

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics (T).

Fundamentals of statics, trusses and simple connections, stress and strain, theories of failure, properties of materials and tests, statically determinate beams and special problems, columns, design of timber, concrete and steel members, basic indeterminate structures, torsion, dynamic loads, forces in space,

Mechanical testing of materials. Application of lectures to design problems.

## Text-books:

- Cassie, W. F., *Structural analysis* (Longmans).  
 Popov, E. P., *Introduction to mechanics of solids* (Prentice-Hall).

**TV21. Surveying I (T).**

(2-1-3)

Pre-requisite or concurrent subject: General Mathematics.

A course consisting of two hours of lectures, one hour of tutorial and three hours of practical work throughout the academic year.

The construction, adjustment and use of instruments, including levels, level compensation, theodolite, double image, subtense and diagrammatic methods of tacheometry. Chain surveys, levelling, traverses; measurement and setting out of earthworks; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements; errors and their effects in chaining, levelling; traversing and instrument use.

Underground and surface surveys connected with mining type operations; equipment, basic definitions; setting out and control of tunnels; plans; projections and models in relation to mining surveys; exploration surveys, shaft plumbing, bore hole data, various instruments used in mine surveying.

**Practical Work:**

Chaining, traversing, detail survey, levelling, tacheometry, compass survey, plane tabling, setting out works, adjustment of instruments; calculations and plans connected with the above.

Examination will consist of written papers, a practical examination in the use and adjustment of instruments, and the satisfactory completion of the practical programme.

**Text-books:**

Staley, W. W., *Introduction to mine surveying* (Stanford U.P.).

Clendinning, J., *Principles and use of survey instruments* (Blackie).

Clendinning, J., *Principles of surveying* (Blackie).

Chambers, *Shorter six figure mathematical tables*.

**TC73. Hydraulics (T).**(1-0-3<sup>1</sup>)

Pre-requisite subject: General Physics.

Pre-requisite or concurrent subjects: Applied Mathematics (T), and Mathematics I (Engineering).

The course consists of one hour of lecture a week throughout the year and three hours of practical work a week in the third term only.

Properties of fluids; hydrostatics; principles of continuity, momentum and energy for fluids in motion; flow measurement; flow in pipes and open channels; dimensional analysis; laws of similarity and hydraulic models; hydraulic turbines and centrifugal pumps; water hammer; hydrology.

**Text-book:**

Daugherty, R. L., and Franzini, J. B., *Fluid mechanics with engineering applications* (McGraw-Hill).

**TJ12. Engineering Drawing and Design II.**

(1-0-3)

Introduction to the design of machine elements and transmission systems, using codes and catalogues and applying knowledge gained in mechanics and engineering materials. Practical work including sketching and drawing of components and assemblies, and the selection of fits and tolerances.

Limits and fits, geometric tolerances; design properties, design factors; combined stresses; design of ductile materials for yielding or fatigue failure; design of machine members and fastenings; design of bolted, welded and glued joints; shafts, slope and deflection; seals; helical springs; antifriction bearings; belt and chain drives; couplings; wire ropes; geometry of cams and gears.

**Text-books:**

Faires, V. M., *Design of machine elements*, 4th edition (Macmillan).

Faires, V. M., *Problems in the design of machine elements*, 4th edition (Macmillan).

B.S. 1916, Part 1, 1953, *Limits and fits for engineering*.

B.S. 1916, Part 2, 1953, *Guide to selection of limits and fits*.

A.S. CZ1, 1966, *Australian standard engineering drawing practice*.

## THIRD YEAR

(To be offered for the last time in 1972.)

**TV03. Structures II (T).** (1-0-7)

Pre-requisite subject: Structures I (T).

Pre-requisite or concurrent subject: Civil Engineering A.

The course comprises one hour of lecture and seven hours of practical work a week throughout the year.

Design projects covering timber, concrete and steel construction.

A reading guide will be supplied at the beginning of the course.

**TV33. Civil Engineering A.** (3-1-4)

Pre-requisite subject: Structures I (T).

Lectures: Influence lines, statically indeterminate trusses, beams and frames, design of structures in steel and concrete, experimental methods.

Practical work: Design problems in conjunction with lectures, seminars (not restricted to topics relating to Civil Engineering A).

Text-books:

Matheson, J. A. L., *Hyperstatic structures*, vol. I (Butterworth).Johnson, R. R., *Structural concrete* (McGraw-Hill).**TV43. Civil Engineering B.** (4-0-3)

Pre-requisite subjects: Surveying I (T), Applied Mathematics (T), Hydraulics (T), Mathematics I (Engineering) and Structures I (T).

The course comprises four hours of lectures and three hours of practical work a week throughout the year.

Lectures: Accommodation requirements; surface drainage, soil properties and tests; earth-works and earth-moving equipment; pavement design; plant and methods of general pavement construction and bituminous work; road surfaces; bases of soil; stabilized soil; gravel and stone pavements; bitumen, gravel-bitumen and bituminous macadam surfaces; cement concrete pavements; road design and practice; traffic engineering.

Sources of water supply; storage; design and construction of dams other than concrete and masonry; outlet and distribution works for water supply; examination and treatment of water and water supplies; population forecasts; systems of sewerage; sewer reticulation; hydrogen sulphide problems; sewage treatment and disposal.

Physical properties of soils, design and construction of foundations, earth retaining structures, silos, stability of slopes, earth dams, soil exploration and classification.

Geological formations; requirements of concrete materials; design of mixes; physical properties of concrete.

Practical work: Project on water supply and/or sewage. Laboratory work covering classification and testing of soils, concrete and road paving materials. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley, 1948).Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).**TD83. Methods of Construction and Management.** (1-0-0)

Pre-requisite or concurrent subject: Civil Engineering B.

A course of lectures dealing with management aspects of civil engineering construction and typical construction methods.

A study of management aspects of construction including:—Planning of construction, principles of organisation, contracts, personnel management, estimating, control costing and financial aspects.

A study of the methods employed in the basic processes of civil engineering construction as applied in typical construction projects.

## Text-books:

McLarney, W. J., *Management training* (Irwin).

Ryan, P. W. S., *Engineering administration* (Angus and Robertson).

**TE83. Electrical Engineering IIA (T).**

(2-0-2)

Pre-requisite subjects: General Mathematics and General Physics.

Systems of units, standard symbols, network theorems, magnetic circuits, inductance, alternating currents, transients; polyphase systems, analogue computers for simulation, instruments and measurements, transformers, electro-mechanical power conversion: d.c. and a.c. machines.

## Text-book:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

**TC82. Survey Camp.**

Pre-requisite subject: Surveying I (T).

The survey camp is held annually, and is of two weeks' duration. A subject fee of \$20 is charged. Accommodation and stretchers are provided, but bedding and transportation are the student's responsibility.

A charge is also made to cover the cost of meals provided. Each student must obey all regulations whilst in camp.

All plans, field notes and computations must be completed satisfactorily, and handed to the lecturer-in-charge at the closing of the camp.

A candidate whose work is deemed unsatisfactory by the lecturer-in-charge will not be credited with attendance at the camp, and he may be required to do additional practical work during the first term of the following year, or to attend another survey camp.

Entry for the camp must be made in the first term.

**BACHELOR OF TECHNOLOGY (SURVEYING).****OLD COURSE.****SECOND YEAR**

(To be offered for the last time in 1970.)

**TM71. Mathematics I (Engineering).****TM42. Applied Mathematics (T).**

For syllabuses see Subject Index.

**TV22. Surveying II.**

(2-0-3)

Pre-requisite subjects: Surveying I (T), General Mathematics and General Physics.

Pre-requisite or concurrent subject: Surveying Computations.

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Lectures: The plane table, curves, barometric, trigonometric and precise leveling; surveys for roads, railways, water supply and irrigation; quantities, hydrographic and topographic surveying; theory of errors and adjustment of observations.



Practical work: Three hours a week throughout the year covering plane table surveys, traverses, precise levelling and distance-measuring equipment, application of theory of errors to field work.

Text-books:

- Staley, W. W., *Introduction to mine surveying* (Stanford, U.P.).  
 Clendinning, J., *Principles and use of survey instruments* (Blackie).  
 Clendinning, J., *Principles of surveying* (Blackie).  
 Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).  
 Richardus, P., *Project surveying* (North Holland Publishing Co.).

**TV92. Surveying Computations.** (3-0-0)

Pre-requisite subject: Surveying I (T).

Computations connected with plane surveying; three-point and similar problems; calculation of heights and distances; tacheometric surveying; calculations in connection with mine surveying; adjustment of discrepancies in surveys; problems connected with setting out areas; calculations for setting out circular and parabolic curves and road secants, elementary spherical trigonometry.

A reading list will be given.

Text-book:

- Chambers, *Shorter six-figure mathematical tables*.

**TD92. Town Planning Practice I.** (1-0-0)

The programme will concentrate on the effects of planning policy on land use. The analysis of existing patterns on the basis of the theories of land use determinants and current practice. The elements of urban and regional plans, including residential, industrial, wholesaling, retailing, storage and business areas, open spaces, public service facilities, institutions, traffic, transportation and parking will be analysed in terms of the form and direction of growth. Case studies will be introduced and developed as exercises.

References will be made to the Town and Country Planning Summer Schools 1956-1967 and relevant journals.

**TV82. Astronomy.** (2-0-3)

Pre-requisite or concurrent subject: Surveying II.

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

LECTURES: Spherical Trigonometry. Explanation of astronomical terms; astronomical coordinates and the factors influencing them; reduction of mean to apparent place. Time. Simple and precise methods for the determination of azimuth, latitude and longitude. Position lines, the astrolabe. The receiving and recording of time signals and observational data. The effects of instrumental and observational errors.

Practical and tutorial work: Three hours a week throughout the year, both day and evening. A programme of approximately 70 observations is to be completed for the determination of latitude, longitude and azimuth.

Text-books:

- Roelofs, R., *Astronomy applied to land surveying* (Ahrend, 1950).  
*Star almanac for land surveyors* (H.M.S.O.).

**TD62. Applied Geology and Economic Geography.** (1-0-0)

PART A—GEOLOGY

The earth's structures; common rock forming and economic minerals; igneous sedimentary and metamorphic rocks and processes; physical and historic geology; maps; South Australia with reference to scenery, soils, mineral resources, water, coal, natural gas, and building materials.

Reference books:

- Fearnside, W. G., and Bulman, O. M. B., *Geology in the service of man* (Pelican); or

- Raistrick, A., *Teach yourself geology*.
- Aitcheson, Sprigg and Cochrane, *The soils and geology of Adelaide and suburbs* (Geological Survey Bulletin No. 32).
- The one mile geological map of the Adelaide military sheet*.
- Wadham, S. M., and Wood, G. L., *Land utilisation in Australia*, 2nd edition, pp. 338-369 (M.U.P., 1947).
- Alderman, A. R., and Parker, L. W., *Outline of the geology of S.A.*
- Barnes, T. A., and Rudd, E. A., *The mineral resources of South Australia*; reprinted from *Introducing South Australia* (ANZAAS, 1958) (Geol. Dept., Univ. of Adelaide).
- S.A., Mines Department, *Grandwater handbook*.

## PART B—GEOGRAPHY

Population and resources; mobility; case studies; regional patterns, urban spatial variations; factors in spatial and sectoral analysis; distribution, location and relocation; the geographic analysis of specific problems; regional trends; projections methods and studies; programmes in Australia and overseas.

## Reference books:

- Alexander, W. J., *Economic geography* (Prentice-Hall, 1963).
- Freeman, T. W., *Geography and planning* (Hutchinson's University Library Series, 1958).
- C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P., 1960).
- Hunter, A. (ed.), *The economics of Australian industry* (M.U.P., 1962).
- P.E.P., *World population and resources* (P.E.P., 1955).
- Stamp, L. D., *Applied geography* (Penguin).
- Wadham, S. M., Wood, G. L., and Wilson, R. K., *Land utilisation in Australia*, 4th edition (M.U.P., 1964).

## PART C—REGIONAL PLANNING

Regional planning activity and achievements; contemporary theory; government and the region; comparative studies; organisation for regional planning; major factors in the regional economy; social overhead capital and public sector programmes.

Reference material will be issued during the course of lectures.

## TD72. Building Construction and Drawing IA. (1-0-2)

A descriptive course in elementary building construction and drawing, comprising one hour of lecture and two hours of practical work a week throughout the year. The lectures include an introduction to construction; the relationship of client, architect, and builder; the fundamental problems involved; stability, weather protection, climatic considerations, economy, etc. Some examples of construction which meet these requirements. A brief survey of historical examples, and a study of basic building elements.

Students are expected to study and draw out to scale examples of these building elements progressing from simple examples to the study of a complete building.

## Text-books:

- Mitchell, G. A., *Building construction elementary course*, Vol. 1, new edition (Batsford).
- C.E.B.S., *Notes on the science of building*.
- A.S. No. CA 25—1955, *Architecture and building drawing practice* (S.A.A.).

## TC82. Survey Camp.

For syllabus see Subject Index.

## THIRD YEAR

(To be offered for the last time in 1972.)

**TV83. Soils Investigations.** (1221-0-3)

The course consists of one hour a week lecture in the first and third terms and two hours a week in the second term, and three hours a week practical work throughout the year.

Engineering geology; classification of soils; field methods of sampling and testing; standard tests; application of soils mechanics.

## Text-books:

- Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).  
Schultz, J. R., and Cleaves, A. B., *Geology in engineering* (Wiley).

**TV53. Land Surveying Design and Drafting.** (0-0-3)

The course consists of three hours of lectures a week throughout the year.

Introduction; use of drafting equipment; survey drafting; preparation of plans from field notes; map projection; special types of survey drafting (including engineering, hydrographical, geological, hydrological, geophysical, mining); graphical representation; drafting for reproduction; models.

## Text-books:

- Raisz, E., *General cartography* (McGraw-Hill, 1948).  
Bishop, M. S., *Subsurface mapping* (Wiley).  
Steers, J. A., *An introduction to the study of map projections* (U. of London P.).  
Kilford, W. K., *Elementary air survey* (Pitman).

**TC83. Photogrammetry.** (3-0-6)

A short history of the development of photography. Geometry of the aerial photograph; photographic materials. Aerial cameras and calibration. Ground control and flight planning. Radial and aerial triangulation. Rectification. Theory of plotting machines. Analytical methods. Terrestrial photogrammetry.

**TC63. Geodesy.** (3-0-3)

Pre-requisite subjects: Mathematics I (Engineering), Surveying II, and Astronomy.

The oblate spheroid, reconnaissance surveys, base line measurement; recording methods; adjustments, computation of triangular, trilateration and traverses, computation in plane rectangular records; map projections. Gravity, influences on levelling; Gravity Surveys—use of gravity observations for earth figure determination; optical and mechanical principles; level compensation; precise alignment—axicon principles; double image, subtense, and diagrammatic methods of tachemetry; microwave distance measurements; geodetic theodolites.

## Text-books:

- Bomford, G., *Geodesy* (O.U.P., 1962).  
Heiskanen, W., and Moritz, H., *Physical geodesy* (Freeman).  
Shchigolev, B. M., *Mathematical analysis of observations* (Iliffe).

**TV93. Surveying Law.** (2-0-0)

The course consists of two hours of lectures a week throughout the year.

The Acts and Regulations relating to:—

- (a) Surveys of land for purposes of title; subdivision of land; opening and closing roads and rights-of-way; the acquisition of land for special purposes.
- (b) Surveys of mines both surface and underground.
- (c) Town planning and regional planning.
- (d) Systems of tenure.

**TV73. Planning Law.**

(1-0-0)

A survey of the history of the law and the courts with an analysis of the principles of law under the two western codes. Appeals, Arbitration and Conciliation methods. Selected legislation in Australia and overseas will be examined with specific reference to South Australia. A survey will be made of the planning law in force in all States of Australia. Methods of writing a planning act will be analysed from the view of the act as an instrument of policy.

**TV63. Land Valuation Principles and Practice.**

(1-0-0)

The course consists of one hour of lecture a week throughout the year.

Definition of value, methods and principles of valuation, valuation of city, suburban and rural lands, valuation of improvements to land; depth tables, valuation of terminable interests; depreciation; inspection and valuation reports, subdivisions; business valuations and goodwill; compensation for compulsory acquisition; responsibilities and liability of a valuer.

**Text-books:**

Murray, J. F. N., *Principles and practice of valuation* (Commonwealth Institute of Valuers).

Quarterly Journal of the Commonwealth Institute of Valuers, *The valuer*, for current year.

**TC73. Hydraulics (T).**

For syllabus see Subject Index.

## BACHELOR OF TECHNOLOGY (ELECTRICAL ENGINEERING).

**OLD COURSE.****SECOND YEAR**

(To be offered for the last time in 1970.)

**TM71. Mathematics I (Engineering).****TM42. Applied Mathematics (T).**

For syllabuses see Subject Index.

**TE22. Electrical Engineering II (T).**

(2-0-2)

Pre-requisite subjects: General Mathematics and General Physics.

Systems of units, standard symbols, net-work theorems, magnetic circuits, inductance, capacitance, alternating currents, locus diagrams, transients, instruments and measurements; polyphase systems, analogue computer for circuit simulation, electro-mechanical power conversion, d.c. machines, introduction to transformers.

**Text-books:**

Cotton, H., *Advanced electrical technology* (Pitman); or  
Hammond, S. B., *Electrical engineering* (McGraw-Hill), and  
Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).

**TK32. Mechanical Engineering A (T).** (2-1-2<sup>2</sup>)

An introductory course in applied thermodynamics and fluid dynamics.

Thermodynamics: ideal gases, gas laws, internal energy, enthalpy; energy equation, first law, second law, entropy; actual gases, vapours, gas-vapour mixtures, psychrometry, engine cycles, power, efficiencies; Rankine cycle, refrigeration cycles; combustion, fuels, excess air.

Dimensional analysis: Buckingham theorem, dimensionless groups, similarity. Heat transfer: condition, convection, radiation; heat exchangers, log. mean temperature difference, Wilson plot.

Fluid dynamics: hydrostatics; energy equation, continuity, momentum equation; incompressible flow, types of flow, flow in pipes and fittings, open channels, drag coefficients; compressible flow, nozzles: turbomachinery.

Mass transfer: elementary introduction.

Text-books:

Van Wylen, G. J., *Thermodynamics* (Wiley).

Callendar, H. L. and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition.

Pao, R. H. F., *Fluid mechanics* (Wiley).

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

**TJ82. Strength of Materials (T).** (2-0-3)

Pre-requisite or concurrent subject: Applied Mathematics (T).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Mechanics of Solids: forces, stresses, strains and deflections in beams, columns, shafts, non-circular sections, springs; two dimensional stresses, strains in three dimensions; bolted and welded joints; failure theories for yielding and brittle fracture; non-symmetrical bending of beams; strain energy applications; experimental stress analysis.

Text-book:

Warnock, F., and Benham, P. P., *Mechanics of solids and strength of materials* (Pitman).

**TJ12. Engineering Drawing and Design II.**

For syllabus see Subject Index.

**THIRD YEAR**

(To be offered for the last time in 1972.)

**TE23. Electrical Engineering III (T).** (2-0-2)

Pre-requisite subjects: Electrical Engineering II(T) and Mathematics I (Engineering).

Transformers under steady state and transient conditions. Harmonic analysis and applications, symmetrical components analysis. Rotating machines: synchronous, induction and commutator types. Rectifiers and frequency changers. Transmission lines.

Text-book:

Langsdorf, A. G., *Theory of alternating current machinery* (McGraw-Hill)

or  
Lawrence, R. R., and Richards, H. E., *Principles of alternating current machinery* (McGraw-Hill).

**TE73. Automatic Control.** (1-0-3)

Pre-requisite subjects: Electrical Engineering II(T) and Mathematics I (Engineering).

Theory of automatic control systems; application to position, velocity and acceleration control; transducers and power amplifiers; electro-mechanical analogies. Laboratory work based on lectures with tests on data transmission devices, rotating and magnetic amplifiers, electro-mechanical analogies.

Text-book:

Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill), or  
West, J. C., *Text book of servomechanisms* (English Universities Press).

**TL53. Applied Electronics.** (1-0-2)

Pre-requisite or concurrent subjects: Mathematics IIC and Electrical Engineering IIC or Mathematics I (Engineering) and Electrical Engineering II(T) or IIA(T) or Electrical Engineering IA.

Fundamental concepts including semi-conduction, average, peak and RMS values, simple RC, LR and LC networks, ideal transformers; vacuum, semiconductor and gas-diodes as rectifiers; filtering; vacuum-tube and transistor amplifiers; graphical and equivalent circuit analysis; amplified response; feedback; oscillators; class C power amplifiers and applications; characteristics and application of the thyatron, ignition, silicon-controlled rectifier, uni junction, glow tube and zener diode; simple DC and AC timers; saw-tooth generators; electronic counters; stroboscope; operational amplifiers; multi-vibrators; logic; storage devices; transducers, varicaps, thermistors and other special devices.

Preliminary reading:

Hawker, J. P., and Reddihough, J. A., *Electronics pocket book* (George Newnes).

Text-book:

Romanowitz, H. A., *Fundamentals of semiconductor and tube electronics* (Wiley—International Students' Edition).

**TJ83. Machine Design.** (2-0-3<sup>2</sup>)

Pre-requisite subjects: Engineering Drawing and Design II, Strength of Materials (T), Mathematics I (Engineering), and *either* Mechanical Engineering II (T) *or* Refrigeration Engineering II.

The course consists of two hours of lectures a week throughout the year and three hours of practical work a week for the first and second terms only.

Lectures: General design principles; fatigue; stress concentration; impact; combined stresses; gears—kinematics of involute teeth, strength and wear resistance of spur, bevel and worm gears; parts of reciprocating engines; journal bearings; velocity and acceleration diagrams; simple mechanisms; cams; dynamics of machines; balancing; linear and torsional vibrations; epicyclic gears.

Drawing Office: Project work supplementing lectures covering the design and drawing of mechanical units.

Text-books:

Those prescribed for Engineering Drawing and Design II (964), and in addition:

Faires, V. M., *Design of machine elements*, 4th edition (Macmillan).

Hannah, J., and Stephens, R. C., *Mechanics of machines—advanced theory and examples* (Arnold).

**TJ33. Workshop Practice II.** (1-0-3)

The mechanics, practices and economics of material deformation processes, plane strain deformation, slipline field analysis, friction, lubrication, basic processes, tube bending. The mechanics and practices of milling, grinding, vibrations in material cutting.

Development: in metal work processes.

**TT82. Engineering Materials.** (2-0-2)

Pre-requisite subjects: General Physics and Chemistry IA *or* Leaving Honours Physics and Chemistry.

The course consists of two lectures and two hours demonstration laboratory and tutorial work a week throughout the year.

The course covers the following topics: Metallic materials: the metallic bond; structure of metals and alloys; shaping and joining metals; mechanical testing; metallography of commercially important alloys, electrical and magnetic alloys; properties, applications and heat treatment of structural, constructional and tool steels; corrosion. Non-metallic materials: the physical, chemical and mechanical properties and engineering uses of ceramic materials (clay products, refractories, cement, glass, abrasives), polymers (plastics, rubbers), fuels (conventional and nuclear), explosives, lubricants (liquid, semisolid, solid, synthetic), protective coatings (organic, inorganic, metallic), electrical materials (semiconductors, ferrites), wood; water treatment.

The laboratory work, demonstrations and tutorials are designed to illustrate the subject matter of the lecture course.

Text-books:

Jastrzebski, Z. D., *Nature and properties of engineering materials* (Wiley, 1959); or

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley, 1959).  
Australian Institute of Metals, *Definition of terms used in heat treatment and testing of metals*.

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## BACHELOR OF TECHNOLOGY (ELECTRONIC ENGINEERING).

### OLD COURSE.

#### SECOND YEAR

(To be offered for the last time in 1970.)

TM71. Mathematics I (Engineering).

TE22. Electrical Engineering II (T).

For syllabuses see Subject Index.

TL32. Communication Engineering I. (3-1-2)

Pre-requisite or concurrent subjects: Electron Physics, Mathematics I (Engineering), and Electrical Engineering II (T).

The course consists of three hours of lectures, a one-hour tutorial and two hours of practical work a week throughout the year.

Lectures: Passive elements, evacuated devices, semiconductor devices; phasors and complex numbers; basic triode and transistor amplifiers; four terminal networks; incremental models for the triode, pentode and transistor at low and high frequencies; systematic analysis of electronic networks; untuned power amplifiers; resistance—capacitance coupled amplifiers; tuned voltage amplifiers; tuned power amplifiers; Fourier analysis and applications; feedback amplifiers; oscillators; amplitude modulation and demodulation; heterodyne frequency conversion; frequency modulation and demodulation; electromagnetic fields and applications; noise.

Practical work: Laboratory exercises on the above subject matter.

## Text-books:

- Chirlian, P. M., *The analysis and design of electronic circuits* (McGraw-Hill, 1965); or  
 Seely, S., *Electron tube circuits*, 2nd edition (McGraw-Hill).  
 Ryder, J. D., *Networks, lines and fields*, 2nd edition (Prentice-Hall, 1955).

**TL82. Applied Electronics—(Short Course). (1<sup>2</sup>-0-2<sup>2</sup>)**

Pre-requisite or concurrent subjects: Electrical Engineering II(T) or IIA(T) and Communication Engineering I.

This course is conducted in the second and third terms only.

Rectification, filtering and regulation as applied to power supplies; DC/DC conversion; controlled rectification; power inversion; basic principles of electronic instruments; introduction to pulse circuits; simple analogue computing amplifier circuits; principles and applications of photo-electric and electro-mechanical transducers; magnetic recording principles.

## Text-book:

- Ryder, J. D., *Engineering electronics*, 2nd edition (McGraw-Hill).

**TP72. Electron Physics. (1-1-1)**

Pre-requisite subjects: General Mathematics and General Physics.

Pre-requisite or concurrent subject: Mathematics I (Engineering).

The course consists of one lecture, one tutorial and two hours practical work a week throughout the year.

The motion of charged particles in electric and magnetic fields and the application to the various types of electron tubes; electrons in solids and band theory and their application to thermionic emission, photo-electricity and photoconductivity, the p-n junction, transistor and other solid state devices; electrons in gases and gas discharge physics; electrons in atoms and molecules and the associated dielectric and magnetic properties of solids.

## Text-book:

- Millman, J., *Vacuum tube and semi-conductor electronics* (McGraw-Hill).

**TT82. Engineering Materials.**

For syllabus see Subject Index.

**THIRD YEAR**

(To be offered for the last time in 1972.)

**TE23. Electrical Engineering III (T).**

For syllabus see Subject Index.

**TL33. Communication Engineering II. (2-1-3)**

Pre-requisite subjects: Communication Engineering I and Mathematics I (Engineering).

Network analysis; use of matrix methods; networks for impedance transformation, filtering and equalizing; wave-motion on transmission lines; transmission line characteristic impedance and propagation constant; Smith chart; impedance matching; determination of field strength, radiation resistance and directive gain of simple antennas and antenna arrays; the receiving antenna; propagation of ground waves, sky waves and space waves; scatter propagation; devices for generation of UHF signals; wave-guides; microwave components; the principles of information transmission; modulation methods; effect of noise on information transmission.

## Text-books:

- Ryder, D. J., *Networks, lines and fields*, 2nd edition (Prentice-Hall).  
 Brown, J., and Glazier, E. V. D., *Telecommunications* (Chapman and Hall).



**TE73. Automatic Control.**

For syllabus see Subject Index.

**TL63. Electronic Engineering Design. (1-0-2)**

Pre-requisite or concurrent subjects: Communication Engineering II and Pulse Techniques.

Lectures:

Circuit and System Design: Design philosophy, component limitations, worst case and statistical design analysis, the place of analysis and laboratory work in circuit and system design, estimation of reliability, standards, patents, ergonomics.

By way of illustration a number of specific circuits will be designed. These will include AC, DC and frequency selective amplifiers, feedback amplifiers, electronic regulators, switching and logic circuits.

Practical:

Students will be required to design, construct and test a piece of electronic equipment which could come within the scope of an electronic engineer in design. A report is to be submitted and seminar presented on this design project.

Preliminary reading:

Krick, E. V., *An introduction to engineering and engineering design* (Wiley).

**TL73. Electronic Measurements. (1-0-2)**

Pre-requisite or concurrent subjects: Communication Engineering II and Pulse Techniques.

The course consists of one hour of lecture and two hours of practical work a week throughout the year.

Lectures:

*Measurements involving lumped circuit principles:* Units, moving coil instruments, vacuum tube voltmeters, power level measurements, component measurement with bridges and tuned circuits, Q meters, frequency measurement, oscilloscopes, harmonic analysers, phase measurement, sinewave and pulse testing of amplifiers, noise generators and noise measurements.

*Measurements involving distributed circuit principles:* Low frequency transmission line measurements, bolometers, high frequency transmission line and waveguide measurement of impedance, wavelength, phase, attenuation, power and noise, measurement of antenna impedance, radiation distribution, gain and field strength.

*Special instruments and applications:* Students will be given an individual study topic and will present a paper on their findings.

Practical work: Laboratory work on the above subject matter.

Text-book:

Terman, F. E., and Pettit, J. M., *Electronic measurements*, 2nd edition (McGraw-Hill, 1952).

**TL93. Pulse Techniques. (2-1-2)**

Pre-requisite subjects: Mathematics I (Engineering), Communication Engineering I and Applied Electronics (Short Course).

This course consists of two hours of lectures, two hours of practical work and one hour tutorial throughout the year.

Introduction to Laplace Transformation; wave-shaping by linear and non-linear circuit elements; response of cascaded RC coupled amplifiers to pulse excitation, compensation methods, distributed amplifiers; transient response of transistor switching circuits; charge control analysis; multi-vibrators—saturating and non-saturating types, classification; negative resistance switching circuits; blocking oscillators; pulse transformers; voltage comparators; counting circuits; binary arithmetic; sampling techniques; logic, principles and circuits; binary codes; error detecting codes; integrated circuits; minimization techniques; digital computer techniques; machine arithmetic; memory devices.

## Text-books:

Millman, J., and Taub, H., *Pulse, digital and switching waveforms*  
(McGraw-Hill).

Dakin, C. J., and Cooke, C. E. G., *Circuits for digital equipment* (Iliffe).

BACHELOR OF TECHNOLOGY (MECHANICAL  
ENGINEERING—COURSE A).

OLD COURSE.

SECOND YEAR

(To be offered for the last time in 1970.)

TM71. Mathematics I (Engineering).

For syllabus see Subject Index.

TJ92. Engineering Dynamics I. (2-1-2)

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Engineering Mechanics I.

Dynamics: motion of points and rigid bodies; mechanisms, velocities and accelerations, fundamental law of gearing; kinetics of particles, rigid bodies and connected systems, work, energy, impulse and momentum; clutches, brakes and belt drives; diversion of fluid streams, motion with varying mass, impact of bodies; free and forced vibrations, damping; balancing of rotors and engines.

## Text-book:

Meriam, J. L., *Dynamics* (Wiley).

TK32. Mechanical Engineering A (T).

TJ82. Strength of Materials (T).

TJ12. Engineering Drawing and Design II.

TT82. Engineering Materials.

For syllabuses see Subject Index.

THIRD YEAR

(To be offered for the last time in 1972.)

TE83. Electrical Engineering IIA (T).

*Either*

TL53. Applied Electronics.

For syllabus see Subject Index.

*Or*

TI84. Process Control (T). (1-0-3)

Pre-requisite subjects: Chemistry I or IA, General Physics and Mathematics I (Engineering).

The dynamic behaviour of the various elements in a control loop. The characteristics of the control modes and their generation. Criteria for system stability concepts of transient and frequency response analysis. Graphical and analytical techniques of simulation and computation.

Text-book:

Coughanowr, D. R., and Koppel, L. B., *Process systems analysis and control* (McGraw-Hill).  
Harriott, P., *Process control* (McGraw-Hill).

### TJ03. Mechanical Engineering III (T). (2-0-3)

Pre-requisite subjects: Mathematics I (Engineering), Applied Mathematics (T), Strength of Materials (T) and *either* Mechanical Engineering II (T) or Refrigeration Engineering II.

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Lectures: Fluid mechanics; mechanics of incompressible and compressible fluids; general equations of motion; dynamic similarity for inertia, gravity and viscous forces; laminar and turbulent flow; boundary layer; steady flow through orifices, nozzles, pipes; theory and operation of hydraulic machines and special problems associated with steam and gas turbines; advanced thermodynamics, applications of principles of thermodynamics; partial differential relations; heat transfer; refrigeration; power plant economy.

Practical work based on the above.

Text-books:

Pao, R. H. F., *Fluid mechanics*.  
Holman, J. P., *Heat transfer*, 2nd edition (McGraw-Hill).

### TJ93. Machine Design Project. (2-0-3)

Pre-requisite subjects: Engineering Drawing and Design II, Strength of Materials (T), Mathematics I (Engineering), and *either* Mechanical Engineering II (T) or Refrigeration Engineering II.

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Lectures: As for Machine Design.

Drawing Office: Project work supplementing lectures.

Project: The design of an approved prime mover, compressor, refrigerator or similar unit.

Text-books:

As for Machine Design.

### TJ33. Workshop Practice II.

For syllabus see Subject Index.

### TT74. Metal Fabrication. (1-0-0)

Pre-requisite subject: Engineering Materials.

Lectures: One hour per week for three terms covering theoretical and practical aspects of metal working processes—Rolling, Forging, Extrusion, Deep Drawing, Pressing, Wire drawing Powder Metallurgy, as a fabrication method, Joining Processes, Metallurgical Aspects of Deformation. Methods of assessing formability. Non-destructive testing of fabricated metal products.

Practical Work: Three hours per week for one term consisting of plant visits and work designed to illustrate lecture topics.

Text-books:

Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).  
Rowe, G. W., *An introduction to the principles of metal working* (Edward Arnold, 1965).

**TT94. Foundry Practice.**

(1-0-3)

Pre-requisite subject: Engineering Materials.

Lectures: One hour per week for three terms covering methods of casting, theoretical aspects of solidification of metals and risering and gating of castings. Control of metal composition, mould materials, gases in metals and stresses in castings. Continuous and semi-continuous casting. Structure, properties and casting techniques of main ferrous and non-ferrous materials.

Practical Work: Three hours per week for two terms consisting of plant visits and work designed to illustrate lecture topics.

Text books:

Flinn, R. A., *Fundamentals of metal casting* (Addison-Wesley).

Heine, R. W. and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill).

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BACHELOR OF TECHNOLOGY (MECHANICAL  
ENGINEERING—COURSE B).

OLD COURSE.

SECOND YEAR

(To be offered for the last time in 1970.)

**TM71. Mathematics I (Engineering).**

**TM42. Applied Mathematics (T).**

For syllabuses see Subject Index.

**TI92. Chemistry I (T)—Organic.** (2-0-3<sup>2</sup>)

Pre-requisite subjects: Intermediate Chemistry or Intermediate General Science I and II.

General organic chemistry including introductions to valence theory of carbon compounds; aliphatic and aromatic organic chemistry.

Text-book:

English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill).

or

McKenzie, C. A., *Unified organic chemistry* (Harper International Student).

Reference book:

Tedder, J. M., and Nechvatal, A., *Basic organic chemistry* (Wiley).

**TJ22. Refrigeration Engineering II.** (2-0-2)

Pre-requisite subjects: General Mathematics, Chemistry IA, General Physics and Refrigeration Engineering I.

LECTURES:

Fundamentals of thermodynamics, reversibility, availability of energy, kinetic theory, internal energy, entropy and enthalpy.

Thermodynamic relations, ideal heat engine cycles, gas compressors and pumps, properties of vapours. Flow and non-flow processes. Ideal and practical cycles. Flow through orifices and nozzles, critical pressure ratio.

Dimensional Analysis and introduction to fluid flow, Reynolds Number and friction factor.

Elements of conduction heat transfer and log mean temperature difference.

Refrigeration cycles, refrigerant compressors. Primary and secondary refrigerants.

Heat load estimates for industrial refrigeration and for air-conditioning of buildings.

Psychrometry, basic psychrometric processes for air-conditioning, heat exchange on wetted heat exchanger surfaces.

Components of a refrigeration system.

**PRACTICAL:**

Instrumentation. Testing of prime movers and refrigerating machines.

**Text-books:**

Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1956).

U.S.A., Bureau of Standards, Circular No. 142, *Thermodynamic properties of ammonia* (1945).

**TJ12. Engineering Drawing and Design II.**

**TJ82. Strength of Materials (T).**

For syllabuses see Subject Index.

**THIRD YEAR**

(To be offered for the last time in 1972.)

**TJ23. Refrigeration Engineering III. (2-0-3<sup>2</sup>)**

Pre-requisite subjects: Refrigeration Engineering II, and Chemistry I (Organic) (T).

The course consists of two hours of lectures and three hours of practical work a week for two terms.

Heat transfer, promotion, and prevention; advanced refrigeration theory, compound cycles, low temperature production; liquid refrigerant reticulation; absorption and adsorption machines; water vapour refrigeration; heat pumps; air conditioning; microbiology—the nature, distribution, detection, and identification of micro-organisms; destroying agencies; sterility; microflora of vegetables and fruit; causes of spoilage, methods of preservation of meat and fish, dairy produce, labile biological products; air sterilization; water purification; thermoelectric cooling.

**Text-books:**

Brown, A. I., and Marco, S. M., *Introduction to heat transfer*, 3rd edition (McGraw-Hill, 1958).

Threlkeld, J. L., *Thermal environmental engineering* 1962 (Prentice-Hall).

**TE83. Electrical Engineering IIA (T).**

*Either*

**TL53. Applied Electronics.**

For syllabuses see Subject Index.

Or

**TA73. Principles of Business and Industry A. (2-0-0)**

An introduction to the nature of economics; concepts of economic behaviour and development; the objectives and problems of current economic policy; the factors of production; the sectors within the economy. The forms of business organization; financing business enterprise. An introduction to accounting, recording and reporting; the published financial reports of companies; budgets; costing. An introduction to the law of contracts, principal and agent, sale of goods.

Text-books:

To be notified in class.

Or

**TI84. Process Control (T).**

**TJ03. Mechanical Engineering III (T).**

**TT82. Engineering Materials.**

**TJ33. Workshop Practice II.**

For syllabuses see Subject Index.

**BACHELOR OF TECHNOLOGY (APPLIED PHYSICS)**

**OLD COURSE.**

**SECOND YEAR**

(To be offered for the last time in 1970.)

**TM32. Applied Mathematics II (T). (3-2-0)**

Pre-requisite subject: General Mathematics.

The course comprises three lectures and two tutorials a week.

Subjects of examination: Differential and integral calculus, differentials, partial differentiation, multiple integrals, series, common functions of physics—differential equations, Laplace methods, vectors and vector algebra, determinants and matrices, numerical methods.

The scope and standard of knowledge required for examination is indicated by the course of lectures, supplemented by prescribed reading.

Text-books:

Kreyszig, E., *Advanced engineering mathematics* (Wiley).

Ayres, F., *Calculus*, 2nd edition (Schaum).

Reference books:

Sokolnikoff, I. S., and Redheffer, R. M., *Mathematics of physics and modern engineering* (McGraw-Hill).

Spiegel, M. R., *Advanced calculus* (Schaum).

## TM62. Mechanics (T).

(1-1-0)

Pre-requisite subjects: General Mathematics; General Physics.

The course comprises one lecture and one tutorial a week.

Subjects of examination: Kinetics, forces and motions of particles, work and energy, Newton's Laws, harmonic motion, translational and rotational motion of rigid bodies, and statics.

Text-book:

Stephenson, R. J., *Mechanics and properties of matter*, 2nd edition (Wiley).

## TP12. Applied Physics IA.

(3-0-5)

Pre-requisite subjects: General Physics; General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics II (T).

The course comprises three lectures and five hours practical work a week and is given annually.

*Vibrations and Waves*: periodic motion; superposition of simple harmonic motions; damped and forced vibrations; resonance; mechanical impedance; dispersion; coupled systems.

*Properties of matter*: elastic constants; beams and springs; stress-strain analysis; surface tension; lubricants and surface films.

*Optics*: thick and thin lenses; aberration; optical instruments; photometry; interference and diffraction; polarised light.

*Electricity and Magnetism*: Electrostatics; magnetic effect of current; inductance; A.C. theory; electrical oscillations.

*Heat and Thermodynamics*: Temperature; equations of state; laws of thermodynamics; kinetic theory of ideal gas; transport phenomena; heat transfer; vacuum physics.

Text-books:

Jenkins, F. A., and White, H. E., *Fundamentals of optics* (McGraw-Hill).

King, A. L., *Thermophysics* (Freeman).

Duffin, W. J., *Electricity and magnetism* (McGraw-Hill).

Blitz, J., *Elements of acoustics* (Butterworths).

Barker, J. R., *Mechanical and electrical vibrations* (Methuen).

## TP22. Applied Physics IB.

(2-1-4)

Pre-requisite subjects: General Mathematics; General Physics.

Pre-requisite or concurrent subject: Applied Mathematics II (T).

The course comprises two lectures, one tutorial and four hours practical a week.

Network analysis, circuit theorems, 'j' operator, alternating current signals.

Triode and pentode as amplifiers, transistor as amplifier, amplifier circuits.

Oscillators, power supplies.

Electric and electronic measurements.

Charged particle dynamics, electron optics.

Electron emission, band theory of solids, semi-conductor devices.

Gas discharge physics.

Radioactivity, nuclear radiation detectors.

High energy particle accelerators.

Text books:

Millman, J., *Vacuum tube and semi-conductor electronics* (McGraw-Hill).

Malmstadt, H. V., and others, *Electronics for scientists* (Benjamin).

Littlefield, T. A., and Thorley, N., *Atomic and nuclear physics* (Van Nostrand).

## TE62. Electrical Engineering Circuits.

(2-0-2)

D.C. circuits; non-linear conductors. A.C. circuits; regulation; phase shift; resonance; power factor correction; 3-phase systems. Transients in linear circuits.

Analogue methods, analogue computation. Magnetic circuits and devices; transformers; common A.C. and D.C. machines. Transducers. Amplifiers; oscillators; regulators. Pulse circuits: Wave shaping; logic circuits; multivibrators; sawtooth generators; Schmidt trigger; scalers; ratemeter; pulse height analyser; coincident detector. Data processing: Digital computer; peripheral units; analogue to digital and digital to analogue conversion. Telemetry: Modulation; transmitters, receivers; multiplexing; magnetic recording.

Text-book:

Benedict, R. R., *Electronics for scientists and engineers* (Prentice Hall).

### THIRD YEAR

(To be offered for the last time in 1972.)

#### TP13. Applied Physics IIA.

(3-0-5)

Pre-requisite subjects: Applied Physics IA, Applied Physics IB, and Applied Mathematics II (T).

*Vibrations, Waves and Sound:* normal modes of vibration. damping wave equation; Fourier analysis; dispersion; shock waves, acoustic impedance; acoustic measurements; seismic waves ultrasonics.

*Heat and Thermodynamics:* elementary statistical thermodynamics; black-body radiation; low temperatures; high temperatures; heat transmission; convection; radiation physics.

*Nuclear Physics:* X-rays and crystal structure; health physics; nuclear properties; nuclear reactions; reactor physics.

*Introductory Quantum Mechanics:* photons, particles and waves; de Broglie hypothesis; Schroedinger wave equation and applications; Heisen-berg Uncertainty Principle.

Text-books:

Kinsler, L. E., and Frey, A. R., *Fundamentals of acoustics* (Wiley).

Pohl, H., *Quantum mechanics for science and engineering* (Prentice-Hall).

#### TP23. Applied Physics IIB.

(3-0-5)

Pre-requisite subjects: Applied Physics IA, Applied Physics IB, and Applied Mathematics II (T).

The course comprises three lectures and five hours practical work a week.

Electricity and Magnetism; Maxwells' equations; electromagnetic waves; special relativity; Fresnel's relations; transmission of electromagnetic waves along wires and wave guides; micro-wave generators.

Electron and Plasma Physics: electron optics; electron microscope mass spectrometry; equilibrium of plasma; plasma oscillations; ionospheric physics; containment of plasma.

Solid State Physics: crystalline state and atomic bonding; electrons in metals; strength of crystals; quantum electronics; applications of semi-conductors; magnetic materials; ferro-electricity; piezo-electricity.

Optics and Spectroscopy: light sources and coherency; monochromators; design of spectrometers; interference techniques; phase contrast microscopy; polarised light; magneto and electro-optics.

Modern Physical Techniques: vacuum physics; space science; resonance spectrometry; Mössbauer Effect; experimental method.

Text-book:

Schwarz, W. M., *Intermediate electromagnetic theory* (Wiley).

Hutchison, T. S., and Baird, D. C., *The physics of engineering solids* (Wiley).

#### TI93. Industrial Instrumentation A.

(2-0-4)

Pre-requisite subjects: Chemistry I or IA, General Physics and Mathematics I (Engineering) or Applied Mathematics II (T).

This course will cover the syllabus of Process Control (T), with an extended



examination of some of the topics dealt with in that course. Selected topics of current interest such as optimizing systems, sampled-data inputs, non-linear systems, etc., will also be discussed.

Text-books:

As for Process Control (T).

### TT82. Engineering Materials.

For syllabus see Subject Index.

## BACHELOR OF APPLIED SCIENCE (APPLIED CHEMISTRY —COURSE A).

### OLD COURSE.

#### THIRD YEAR

(To be offered for the last time in 1970.)

#### TI63. Organic Chemistry IIA. (2-0-6)

Theoretical organic chemistry with particular reference to structural chemistry and its effects on organic reactivity. Preparation, properties and reactions of aromatic compounds.

Text-books:

Morrison, R. T., and Boyd, R. N., *Organic chemistry*, 2nd edition (Allyn and Bacon).

Cram, D. J., and Hammond, G. S., *Organic chemistry*, 2nd edition (McGraw-Hill).

#### TI83. Applied Physical Chemistry. (2-0-3)

Pre-requisite subjects: Chemistry IIA and Mathematics I (Engineering).

Electrochemistry; thermodynamics of irreversible processes; interpretation of spectra, kinetics of fast and complex reactions, polymer chemistry.

Students will be required to submit an essay on one of a range of topics selected broadly from the field of Applied Chemistry.

#### TJ01. Mechanical Engineering I (T). (2-0-0)

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

The course consists of two hours of lectures a week throughout the year.

Laws of perfect gases; first law of thermodynamics; entropy; second law of thermodynamics; ideal engine cycles; internal combustion engines; properties of steam and refrigerants, steam plant; engine tests; combustion; elements of heat transfer; thermometry; elements of refrigeration.

Text-books:

Joel, R., *Heat engines* (Longmans).

Walshaw, A. C., *Heat engines* (Longmans).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition (Arnold).

#### TJ73. Materials and Structures. (2-0-2)

Pre-requisite subject: General Physics.

Applications of Hooke's Law: complex stress (Mohr's circle); theory of elastic failure; beam theory; column formulae, torsion (including springs); strain energy theory; fatigue stress; velocity diagrams and application of instantaneous centre; acceleration diagrams; geared systems; gear geometry; flywheels; governors; friction drives; clutch.

**TI03. Process Technology I.** (2231-0-0)

Pre-requisite subjects: Chemistry IA and General Physics.

An introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. Approximately 30 lectures are devoted to unit operations (including mineral processing), 10 lectures to chemical process calculations, 8 lectures to unit processes (chemical) and 31 lectures to unit processes (metallurgical—extractive).

Text-books:

- Bailey, A. R., *Text-book of metallurgy*, 2nd edition (Macmillan).  
 Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill).  
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, vol. I, 2nd edition (Wiley).

## FOURTH YEAR

(To be offered for the last time in 1972.)

**TE83. Electrical Engineering IIA (T).****TJ12. Engineering Drawing and Design II.**

For syllabuses see Subject Index.

*Either*

**TI74. Analytical Chemistry.** (1-1-3)

Pre-requisite subject: Chemistry IIA or Chemistry IIC—Inorganic and Physical Chemistry IIA—Inorganic and Physical, General Industrial Chemistry C.

Methods of analysis—polarography, potentiometry, conductometric analysis, electrodepositions, emission spectroscopy, colorimetry, absorptiometry, spectrophotometry, radio-activity as an analytical tool; ion exchange, chromatography, extraction analysis, thermal analysis, semi-micro analysis, and titrimetric and gravimetric procedures using novel reagents or techniques, and other selected topics.

Text-book:

- Willard, H. H., Merritt, L. L., and Dean, J. A. *Instrumental methods of analysis*, 3rd edition (Van Nostrand).

*Or*

**TI84. Process Control (T).**

For syllabus see Subject Index.

**TI04. Process Technology II.** (2-0-6)

Pre-requisite subjects: Applied Physical Chemistry. Organic Chemistry IIA and Process Technology I, and Mathematics I (Engineering) or General Mathematics and Chemistry IIA.

Lectures: Chemical process principles including mass and energy balances, thermo-dynamics, phase and reaction equilibria, reaction kinetics, process dynamics and control, and applications in selected inorganic and organic unit processes.

Practical work: Bench scale projects designed to illustrate the salient features of inorganic and organic unit processes, and various chemical process principles. Seminars: Presentation of short papers on selected topics.

Text-book:

- Levenspiel, O., *Chemical reaction engineering* (Wiley).

**TI94. Unit Operations.** (1-3-3)

Pre-requisite subjects: Applied Physical Chemistry and Process Technology I.

Lectures: One hour a week throughout the year dealing with the theory of fluid flow; heat transfer; evaporation; distillation; absorption; extraction; humidification; drying; filtration; crystallisation.

Practical work: Three hours' work a fortnight with laboratory apparatus designed to illustrate the principles of unit operations.

Tutorials: Three hours' a fortnight on the solution of problems designed to illustrate the principles discussed in the lectures.

Text-books:

Foust, A. S., *et al.*, *Principles of unit operations* (Wiley).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

**TA94. Industrial Economics.** (12-0-0)

Pre-requisite subject: Process Technology I.

The presentation of technical results, literature searches, elementary business principles, and an introduction to industrial economics.

**BACHELOR OF APPLIED SCIENCE (APPLIED CHEMISTRY  
—COURSE B).**

**OLD COURSE.**

**THIRD YEAR**

(To be offered for the last time in 1970.)

**TI63. Organic Chemistry IIA.**

**TI83. Applied Physical Chemistry.**

**SY73. Human Nutrition.**

**TI03. Process Technology I.**

For syllabuses see Subject Index.

**TI13. Industrial Microbiology I.** (2-0-4)

Pre-requisite subjects: Biology, General Physics, and Chemistry IA.

The course consists of at least two hours of lectures or seminars and four hours of practical work a week throughout the year.

Introduction to the moulds, yeasts, bacteria and viruses through a study of their morphological and physiological characters, and their classification. The growth and death of micro-organisms and the principles of sterilisation, disinfection and chemotherapy. An introduction to infection, immunity and serology. The microbial flora of the human body. Introduction to the microbiology of milk and water and their quality control and methods of treatment, sewage and trade waste disposal.

Practical work includes microscopy and the handling of selected preparations of typical moulds, yeasts, bacteria and viruses; staining, cultivation, isolation and identification of these micro-organisms; elementary investigations of certain physiological activities such as fermentation or proteolysis; the preparation of culture media; the use of various methods of sterilisation and disinfection; tests for sterility, disinfectant testing and tests for antibiotic action; investigations of the micro-flora of milk, water, air, and sewage; standard tests for quality of milk and water; elementary techniques for handling animal viruses and bacteriophages. Elementary serological tests.

Text-book:

Prescott, S. C., and Dunn, C. G.: *Industrial microbiology*, 3rd edition, (McGraw-Hill).

## Reference books:

- Hammer, B. W., *Dairy bacteriology* (Wiley).  
 Oginsky, E. L., and Umbert, W. W., *An introduction to bacterial physiology*, 2nd edition, (Freemantle).  
 McKie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).  
 Cook, A. H.: *Chemistry and biology of yeasts* (Academic Press).  
 Society of American Bacteriologists, *Bergey's manual of determinative bacteriology*, 7th edition.

## FOURTH YEAR

(To be offered for the last time in 1972.)

## TJ21. Refrigeration Engineering I.

Or

## TJ73. Materials and Structures.

Or

## TI84. Process Control (T).

## TI04. Process Technology II.

## TI94. Unit Operations.

## TA94. Industrial Economics.

For syllabuses see Subject Index.

## TI14. Industrial Microbiology II.

(2-0-6)

Pre-requisite subject: Industrial Microbiology I.

The course consists of at least two hours of lectures or seminars and six hours of practical work a week throughout the year.

More advanced study of the physiology and metabolism of micro-organisms including bacteriophage; variation and adaptation in micro-organisms and elementary microbial genetics; microbiological assay. The composition and microbiology of common foodstuffs; the principles of food preservation; food spoilage and its prevention. Industrial fermentations; their micro-flora and their control.

Practical work includes investigations of spoiled foods. Laboratory scale investigations of typical fermentation and other microbiological processes used in industry. Excursions to various factories. Investigations of the micro-flora of common foodstuffs; laboratory scale food-processing.

## Text-books:

- Prescott, S. C., and Dunn, C. C., *Industrial microbiology* (McGraw-Hill).  
 Salle, A. J., *Fundamental principles of bacteriology* (McGraw-Hill).

## Reference books:

- Underkofler, L. A. and Hickey, R. J., *Industrial fermentations* (Chemical Publishing Co.).  
 Rose, A. H., *Industrial microbiology* (Butterworth).  
 Rainbow, C., and Rose, A. H.: *Biochemistry of industrial micro-organisms* (Academic Press).  
 Tanner, F. W., *Microbiology of foods*  
 Baumgartner, J. G., *Canned foods*.  
 Cook, A. H., *Chemistry and biology of yeasts* (Academic Press).  
 Society of American Bacteriologists, *Bergey's manual of determinative bacteriology*, 7th edition.

BACHELOR OF APPLIED SCIENCE (PRIMARY  
METALLURGY).

OLD COURSE.

THIRD YEAR

(To be offered for the last time in 1970.)

**SG93. Geology IA.** (2-0-4<sup>2</sup>)

LECTURES.—Such lectures as are prescribed from Geology I.

PRACTICAL WORK.—The crystallography, mineralogy and petrology sections of the practical course in Geology I.

Text-books:

Read, H. H., and Watson, J., *Introduction to geology*, vol. I (Macmillan).

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by C. S. Hurlbut (Wiley).

**TI83. Applied Physical Chemistry.**

**TE83. Electrical Engineering IIA (T).**

For syllabuses see Subject Index.

**TT53. Introductory Mineral Processing.** (1-1-2)

Pre-requisite subject: Chemistry IIA.

A series of lectures and tutorials designed to introduce the student to the principles of mineral separation processes. The course is supplemented by a limited program of experimental work to demonstrate applications of the principles dealt with in the course of lectures.

Text-book:

Gaudin, A. M., *Flotation* (McGraw-Hill).

**TI03. Process Technology I.**

For syllabus see Subject Index.

**TJ63. Materials and Structures (Part Course).** (2-0-0)

Pre-requisite subject: General Physics.

Applications of Hooke's Law: complex stress (Mohr's circle), theory of elastic failure; beam theory, column formulae; torsion (including springs); strain energy theory; fatigue stress; velocity diagrams and application of instantaneous centre; acceleration diagrams; geared systems; gear geometry; flywheels; governors; friction drives; clutch.

FOURTH YEAR

(To be offered for the last time in 1972.)

**TT64. Mineral Processing.** (2-1-3)

Pre-requisite subjects: Geology IA, Applied Physical Chemistry, and *either* Process Engineering I *or* Process Technology I.

An advanced course of lectures and tutorials on the theory of mineral separation processes and the application of the theory to mineral separation operations. The course includes experimental work to familiarise the student with laboratory techniques for examining and testing ores and designing separation processes. The course includes the use of digital computing techniques in the solution of problems.

## Text-books:

- Caudin, A. M., *Flotation*, 2nd edition (McGraw-Hill).  
 Klassen, V. I., and Mokrousov, V. A., *An introduction to the theory of flotation* (Butterworth, 1963).

**TT44. Extractive Metallurgy I.** (2-1-3)

Pre-requisite subjects: Process Technology I and Applied Physical Chemistry.

Lectures: Two hours a week throughout the year dealing with the unit processes of pyrometallurgy (drying, calcining, roasting, sintering and agglomeration, smelting, converting and refining), hydrometallurgy (leaching, separation and precipitation), and electrometallurgy. Attention is given to plant operation and performance although the treatment is based essentially on physico-chemical principles.

Practical work: Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes in extractive metallurgy.

## Text-books:

- Darken, L. S., and Gurry, R. W., *Physical chemistry of metals* (McGraw-Hill, 1952).  
 Bodsworth, C., *Physical chemistry of iron and steel manufacture* (Longmans-Green).

**TI84. Process Control (T).****TA94. Industrial Economics.**

*Either*

**TI94. Unit Operations.**

For syllabuses see Subject Index.

*Or*

**TN02. Mineral Engineering I.** (2-0-1)

A general study of the field of mineral engineering referred to metallic and non-metallic deposits. The theory of drilling, rock mechanics, ground support, fragmentation of rock and the design of underground and open cast mining methods. The principles of exploration, development, production and treatment of ores and minerals. The study of environmental factors, economics and legislation in the mineral industry.

## Text-book:

- Lewis, R. S., and Clark, G. B., *Elements of mining* (Wiley).

*and*

**TC73. Hydraulics (T).**

For syllabus see Subject Index.

**TT84. Primary Metallurgy Projects.** (0-0-7)

Pre-requisite or concurrent subjects: Mineral Processing, Extractive Metallurgy I.

A series of projects each of which involves a short literature survey, a programme of experiments and a report on selected topics in the fields of Mineral Processing and Extractive Metallurgy.

BACHELOR OF APPLIED SCIENCE (SECONDARY  
METALLURGY).

OLD COURSE.

THIRD YEAR

(To be offered for the last time in 1970.)

TI83. Applied Physical Chemistry.

TE83. Electrical Engineering IIA (T).

TI03. Process Technology I.

For syllabuses see Subject Index.

TT33. Physical Metallurgy I. (1-0-3<sup>2</sup>)

Pre-requisite subjects: Engineering Materials and Chemistry IIA.

Lectures: A course of two lectures and one tutorial period per week concerned with:

An elementary consideration of pure metals, the theory of alloying, and of equilibrium and metastable alloy structures. The theory and techniques involved with the application of neutron, electron and X-ray diffraction phenomena to the study of condensed phases. A phenomenological approach to the understanding of phase transformations in metallic systems. Experiments for three hours per week for two terms designed to illustrate the subject matter of the lecture course.

Text-books:

Smallman, R. E., *Modern physical metallurgy* (Butterworth, 1963).

Reed-Hill, R. E., *Physical metallurgy principles* (Van Nostrand).

Barrett, C. S., and Massalski, T. B., *Structure of metals* (McCraw-Hill).

TT43. Industrial Metallurgy A. (2-0-3<sup>1</sup>)

Pre-requisite subjects: Engineering Materials and Chemistry IIA.

A physico-chemical approach to the analysis of the corrosion of metals and alloys, and the use of surface treatments for corrosion protection. The theory and practice of the mechanical, thermal, electrical, magnetic and radiation testing of metals and alloys. An introduction to the metallurgical principles underlying the fabrication of metals from their liquid, solid, powder, vapour and ionic solute forms.

TJ63. Materials and Structures (Part Course).

For syllabus see Subject Index.

FOURTH YEAR

(To be offered for the last time in 1972.)

TT34. Physical Metallurgy II. (2-1-0)

Pre-requisite subjects: Applied Physical Chemistry, Physics B (Engineering), Physical Metallurgy I.

Electron theory of metals and alloys; quantum mechanics, electrons in periodic field, Brillouin zones, density of states, energy bands and energy levels; electrical,

magnetic, thermal and mechanical properties of metals and alloys. Dislocation theory; edge and screw dislocations, dislocation energy, dislocation motion (slip and climb), plastic deformation, dislocation mobility and multiplication, dislocation interaction. Topics of metallurgical interest, reviewed in the light of recent scientific and technological advancements.

Text-books:

- Azaroff, L. V., *Introduction to solids* (McGraw-Hill, 1960).  
McLean, D., *Mechanical properties of metals* (Wiley).

**TT74. Metal Fabrication.**

**TT94. Foundry Practice.**

**TA94. Industrial Economics.**

For syllabuses see Subject Index.

**TT54. Metallurgical Thermodynamics and Kinetics. (2-1-0)**

Pre-requisite subjects: Applied Physical Chemistry and Physical Metallurgy I.

Two lectures and one tutorial period a week concerned with the application of classical and statistical thermodynamics to systems of metallurgical interest and the analysis of solid state reactions in terms of absolute reaction rate theory and its developments.

Text-books:

- Burke, J., *The kinetics of phase transformations in metals* (Pergamon, 1965).  
Bodsworth, C., and Appleton, A. S., *Problems in applied thermodynamics* (Longmans-Green, 1965).

**TT24. Physical Metallurgy Projects. (0-0-17)**

Pre-requisite or concurrent subjects: Physical Metallurgy II or IIA.

Seventeen hours a week for three terms devoted to a series of short term experimental projects in physical metallurgy designed to instruct in experimental techniques and in the collection, interpretation and presentation of data in the form of concise reports.

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**BACHELOR OF APPLIED SCIENCE (MINERAL  
ENGINEERING).**

**OLD COURSE.**

**THIRD YEAR**

(To be offered for the last time in 1970.)

**TJ12. Engineering Drawing and Design II.**

For syllabus see Subject Index.

**TN93. Applied Geology. (3-0-4)**

Mineralogy, including ore microscopy, of the more common rock forming minerals and ore minerals. Petrology: constitution, origin, occurrence of the main types of rocks; internal features affecting use as engineering materials. Stratigraphy: classification, correlation. Structure: bedding planes, joints, faults, folds,



schistosity, massive rocks; relation of structure to strength. Geologic processes: erosion, weathering, supergene alteration. Mineral deposits: natural fuels; metallic and non-metallic deposits, nature, origin, composition, character, distribution. Mineral Exploration: geological and geophysical prospecting, mapping, application of photogrammetry. Engineering geology: influence of rock types and structures on cuttings, tunnels, excavations; foundations for buildings, dams, roads; reservoirs; water supply; flooding, scouring, silting. Field trips.

Text-books:

- Dana, J. D., *Manual of mineralogy* (Wiley).  
 Hills, E. S., *Elements of structural geology* (Methuen).  
 Bayly, B., *Introduction to petrology* (Prentice-Hall).  
 Bateman, A. M., *Economic mineral deposits* (Wiley).  
 Leggett, R. F., *Geology and engineering*, 2nd edition (McGraw-Hill).

**TV13. Civil Engineering A (Min.).** (3-0-0)

Pre-requisite subject: Structures IA (T).

A course with the same lecture syllabus as Civil Engineering A but without the practical work.

**TC73. Hydraulics (T).**

**TP82. Physics B (Engineering).**

**TN02. Mineral Engineering I.**

**TC82. Survey Camp.**

For syllabuses see Subject Index.

**FOURTH YEAR**

(To be offered for the last time in 1972.)

**TV94. Civil Engineering B (Min.).** (3-0-3)

Pre-requisite subjects: Surveying I (T), Applied Mathematics (T), Hydraulics (T), Mathematics I (Engineering) and Structures I (T).

The course comprises four hours of lectures and three hours of practical work a week throughout the year.

Lectures: Accommodation requirements; surface drainage, soil properties and tests; earth-works and earth-moving equipment; pavement design; plant and methods of general pavement construction and bituminous work; road surfaces; bases of soil; stabilized soil; gravel and stone pavements; bitumen, gravel-bitumen and bituminous macadam surfaces; cement concrete pavements; road design and practice; traffic engineering.

Sources of water supply; storage; design and construction of dams other than concrete and masonry; outlet and distribution works for water supply; examination and treatment of water and water supplies; population forecasts; systems of sewerage; sewer reticulation; hydrogen sulphide problems; sewage treatment and disposal.

Physical properties of soils, design and construction of foundations, earth retaining structures, silos, stability of slopes, earth dams, soil exploration and classification.

Requirements of concrete materials; design of mixes; physical properties of concrete.

Practical work: Project on water supply and/or sewage. Laboratory work covering classification and testing of soils, concrete and road paving materials. Excursions to industrial plants and water and sewage treatment plant.

## Text-books:

- Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley, 1948).  
 Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).

**TD83. Methods of Construction and Management.****TE83. Electrical Engineering IIA (T).**

For syllabuses see Subject Index.

**TN04. Mineral Engineering II. (3-0-3)**

This course consisting of lectures, practical work and exercises, will be advanced treatment of the subject matter dealt with in Mineral Engineering I, and will also cover the development and exploitation of oil and gas fields.

It will include: the study of rock mechanics and its relation to controlled breaking, subsidence and the support of mine openings and surface excavations; the design of structures applicable to mining; the theory of air flow and heat transfer in mine openings; the application of hydraulic principles to mining operations; the study of mine planning and design, and the application of systems analysis and control; mine economics.

Students will be required to submit a satisfactory report on an approved subject within the field of Mining Engineering.

## Text-books:

- Isaacson, E. de Q., *Rock pressure in mines* (Mining Publications).  
 Woodruff, S., *Methods of working coal and metal mines*, vols. I, II and III (Pergamon).  
 Hartman, H. L., *Mine ventilation and air conditioning* (Ronald Press).

**TV14. Structures IIA (T). (1-0-2)**

Pre-requisite subject: Structures IA (T).

Pre-requisite or concurrent subject: Civil Engineering A (Min.).

A design project in constructional materials such as steel, concrete or timber. See syllabus for Structures II (T).

For text-books see syllabus for Structures II (T).

**TN94. Mineral Exploration. (2-0-3)**

The principles of mineral exploration and the testing and evaluation of mineral deposits. The method of mapping and interpreting mineralised areas, and the location of ore bodies and fuels. The theory and application to mineral exploration of the physical and chemical properties of rocks. The principles guiding the testing and sampling of a mineral deposit. The economic factors and legislation governing exploration and testing.

## Text-book:

- McKinstry, H. E., *Mining geology* (Prentice-Hall).

## BACHELOR OF APPLIED SCIENCE (DATA PROCESSING).

## OLD COURSE.

## THIRD YEAR

(To be offered for the last time in 1970.)

**TM53. Numerical Mathematics I.** (3-1-0)

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics II (T). Programming may be taken concurrently.

The course involves three hours' lectures and one hour's tutorial per week, and a selection of the following topics will be covered:

Solution of algebraic and transcendental equations.

Solution of linear systems, matrix inversion and algebraic eigenvalue problems.

Interpolation, numerical quadrature and differentiation.

Difference and differential equations and simple integral equations.

Use of analytic approximations.

**TM92. Statistics.** (3-1-0)

Three hours of lectures and one hour tutorial a week throughout the year.

The theory of probability and probability distributions. The collection and representation of data. Significance tests based on the normal, t, F, and  $X^2$  distribution. Simple and multiple linear regression. Randomization and design of experiments; the analysis of variance. Quality control. Non-Parametric Methods.**TL83. Electronics and Logical Design.** (2-1-0)

Pre-requisite subjects: Applied Mathematics II (T); General Physics; and Programming.

The course will consist of two lectures and one tutorial a week on the following topics:

Digital computer components and circuits; linear wave-shaping circuits; diodes (including tunnel diodes) and transistors; their uses in switching, wave-shaping, logic and gating circuits; magnetic devices for storage and logic; timing and counting circuits; design considerations of digital computer circuits.

Elements of analogue computers; linear amplifiers; operational amplifiers; function generators; multiplication and division of two variables.

Digital to analogue and analogue to digital conversion.

Logical design: elements of symbolic logic, Boolean algebra (logic) postulates and fundamental theorems, Boolean functions and truth tables, canonical forms of Boolean functions.

Logical design of computer units (both digital and analogue).

Introduction to discrete signal information theory; redundancy techniques (codes, majority logic, error detection); sampled data systems.

Text-book:

Nashelsky, L., *Digital computer theory* (Wiley).

**TA92. Economics (T).**

(2-1-0)

Macro Economics: Economic laws and limitations. The functioning of an economic system. Economic growth. National income—meaning, measurement, determinants and fluctuations. Australian national income accounts. Public finance and fiscal policy. Australian Federal/State finance. Financial institutions and monetary policy. Micro Economics: Principles of production. Production costs. Demand theory. Market structure and performance. The equilibrium of the firm under different market structures. Income distribution and the prices of the factors of production. International Trade: Theory of trade. Foreign exchange. Balance of payments equilibrium. International financial institutions. Overseas borrowing and foreign ownership of industry.

## Text-books:

Havens, R. M., and others, *Economics—principles of income, prices and growth* (Macmillan).

Leftwich, R. H., *The price system and resource allocation* (Holt, Rinehart and Winston).

**TM43. First Project.**

(0-4-0)

Pre-requisite: Programming I.

Advanced Fortran and assembly language programming. Introduction to Cobol programming. Project work in Fortran, Cobol and assembly language.

## Text-books:

Appropriate Fortran, Cobol and assembly language reference manuals.

**FOURTH YEAR**

(To be offered for the last time in 1972.)

**TMS4. Numerical Mathematics II.**

(3-1-0)

Pre-requisite subjects: Statistics; and Numerical Mathematics I.

The course consists of three lectures and one tutorial a week on the following topics:

Numerical integration, numerical solution of differential equations, relaxation methods, smoothing of data, harmonic analysis, approximations, error analysis, least squares methods, Monte Carlo techniques.

Practical computing and programming of programs in numerical mathematics.

## Text-books:

To be announced later.

**TM64. Theory of Systems (T).**

(2-2-0)

This subject may be taken only in the fourth year of the course and consists of two lectures and two tutorials a week on the following topics:

Analysis and description of systems, flow charting, decision tables, matrix analysis of data flow, data processing system design, O and M techniques, file structures and processing, error detection and correction techniques, introduction to information theory, automatic control, data acquisition and display, communications, E.D.P. system equipment, development and implementation of data processing systems, control and costing of systems, and operation of E.D.P. systems.

## Text-books:

To be announced later.

**TM74. Operations Research.**

(3-1-0)

Pre-requisite subjects: Applied Mathematics II (T), Statistics and Programming I.

A knowledge of sections 1, 2 and 4 from Mathematics IIA is assumed, as is a familiarity with elementary probability concepts. Linear programming; the simplex method, duality, parametric programming, transportation and assignment problems: Critical path methods. Queueing theory—steady state results. Simulation. Game theory; minimax principle. Network flow. Dynamic programming.

Text-books:

Ruiz-Pala, E., and others, *Waiting-line models* (Reinhold).

Llewellyn, R. W., *Linear programming* (Holt).

Lockyer, K. G., *An introduction to critical path analysis* (Pitman).

**TU94. Supervision—Human Relations.**

For syllabus see Subject Index.

**TM94. Second Project.**

Students should consult the Head of the School of Mathematics, S.A.I.T.

### HONOURS COURSES IN APPLIED SCIENCE.

**NH89. Applied Chemistry for the Honours degree of B.App.Sc.**

**NH79. Primary Metallurgy for the Honours degree of B.App.Sc.**

**NH69. Secondary Metallurgy for the Honours degree of B.App.Sc.**

Candidates may choose one of Applied Chemistry, Primary Metallurgy, and Secondary Metallurgy as a principal subject. The course will consist of lectures, seminars and courses of reading in advanced aspects of the principal subject and in such other subjects as the Head of the Department may deem necessary. Each candidate will be required to give all the time not required for lectures to research and design projects. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German.

## BACHELOR OF TECHNOLOGY (BUILDING TECHNOLOGY).

### NEW COURSE.

#### FIRST YEAR

**TM91. Mathematics IB.**

(3-2-0)

A knowledge of Mathematics I and II at Matriculation standard is assumed.

A course of three hours per week lectures and two hours per week tutorial throughout the year.

Set notation with applications. Elementary functions of the real variable. Differential calculus including partial differentiation and differentials. Integral

calculus with applications. Elementary differential equations. Complex numbers. Sequences and Series. Curve sketching and curve fitting. Polar graphs. Statistics. Mathematics of finance.

Text-book:

Ford, L. R., *Calculus* (McGraw-Hill).

#### TP91. Applied Physics IR.

(2-1-2)

Properties of Matter: Harmonic motion. Elastic moduli, plasticity. Surface tension, capillary, water repellents, detergents. Heat: Temperature measurement and control. Expansion, calorimetry. Specific heat. Kinetic theory and elements of thermodynamics. Vapours, hygrometry, equation of state. Heat transfer. Optics: Light as a wave motion. Lens systems. Polarized Light. Photometry. Colour. Acoustics: Sound Waves in gases and solids. Ultrasonics. The ear. Sound sources and receivers. Reverberation. Sound insulation. Magnetism and Electricity: Kircho's laws, D.C. measurements. E.M. induction, Magnetic properties of matter. Inductance, capacitance, A.C. theory. Coupling. Filter, integrating and differentiating circuits. Valves, semi-conductors and their uses. Transducers. X- and gamma rays.

#### TH81. Engineering Chemistry and Materials.

(2-0-3)

Two hours lectures and three hours practical throughout the year.

Structural chemistry; physical and organic chemistry as applied to topics of industrial significance. The properties and principles underlying the fabrication, treatment, testing, and use of metallic and non-metallic materials in the engineering, electronic and construction industries.

Laboratory work to illustrate the subject matter of the lectures.

Text-books:

Monro, A. L., *Chemistry in engineering* (Prentice-Hall).

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley), or

Jastrzebski, Z. D., *Nature and properties of engineering materials* (Wiley).

#### TB21. Tectonics I.

(3-1-6)

Draughting tools and techniques. Plant Geometry, Solid Geometry; Projections; Perspective Drawing; Graphic expression, object drawing; sketching; lettering.

Basic Building Elements in relation to single and two storey buildings. Walls: Floors: Roofs: Doors: Windows: Fireplaces: Working Drawings.

Theory of Design—Lectures on Elements and Principles of Visual composition in 2 and 3 dimensions. Visual properties of materials. Exercises in the application of Basic Principles to Architectural, Interior, and Industrial Design.

The use of scales, figured dimensions, plans, sections, elevations and detailed drawings in relation to Bills of Quantities.

Systems of taking off and billing quantities.

Practical exercises linked with Constructional Projects.

Lectures and exercises on the work and inter-dependence of the various professions and trades involved in building; the architect, the builder, the quantity surveyor, the interior designer, the town planner, the landscape architect, the structural engineer, the building scientist, the artist, the sociologist.

Text-books:

C.E.B.S., *Notes on the science of building* (Commonwealth Department of Works).

De Sausmarez, *Basic design: the elements of visual form* (Studio Vista).

#### A General Studies Elective.

#### TG91. Social and Technological History.

(0-2-0)

The idea of progress, the Utopias; the importance of technology in history; the Neolithic revolution; Greek society and science; Islamic times and the Middle Ages; navigation and discovery; the rise and fall of Aristotle; institutions of Science; agrarian and industrial revolution; changing patterns of life; the political implications of technology; new sources of power; people, automation and industry.

**TG81. Literature and Society. (0-2-0)**

A thematic approach to Literature involving class study and programmes of guided reading designed to throw light on the role of the creative writer in a rapidly changing world. Students will be required to take up at least two of the following themes:

Literature and National Character:

The American Dream and the Australian Legend.

The impact of urbanisation and industrialisation on man: removal of man from a rural environment; the search for personal identity; the mundaneness and hollowness of urban life; the assault of the mass society on human individuality and responsibility; some emotional conflicts brought about by the challenge to traditional values.

Drama and Society: Selections from significant plays.

**TG71. History of Technology (C.E.). (0-2-0)**

The influence which technological progress has exerted upon society and vice versa. The changes which have occurred in Engineering Technology from the time of stone-age man to the modern era; special emphasis on developments in the field of Civil Engineering; the background of social, economic and political events.

Text-book:

Finch, J. K., *The story of engineering* (Doubleday Anchor, 1960).

**TG61. History of Technology (S). (0-2-0)**

The history and growth of engineering leading to the modern divisions of Civil, Mechanical and Electrical Engineering.

The relation of Surveying to the various branches of engineering, and the history and development of astronomy, photogrammetry, geodesy and cartography.

**TG51. Science and Modern Society (0-2-0)**

Study of a selected group of scientific theories that have revolutionized science, technology and social institutions in modern times, through case studies that illustrate the process of discovery and the nature of the theories; scientific methods of enquiry and validation; the formation, role and responsibilities of scientists and scientific institutions; contemporary social changes due to science and technology; some scientific ideas of seminal value in other disciplines.

**TG41. German (Elementary). (0-2-0)**

A study of German literature and life through selected texts and of the language through translation.

**TG31. Political Science. (0-2-0)**

Introductory: scope of politics, tentative definitions, preliminary identification of institutions, processes and persons involved. Politics at state level: electoral system, parties, evolution of parliamentary system. Sub-structure: voters, pressure groups, mass media, chief national parties. Federal level: federation, the constitution, parliament and the executive, commonwealth state relationships.

**TG21. History of South-East Asia and Australia. (0-2-0)**

An introduction to Asian history and current affairs. Asian civilizations; the impact of the West; the emergence of new nations; industrialization of Japan; the attainment of Communist power in China; man, land and food in India; national developments in S.E. Asia, and international relationships.

**SECOND YEAR****TB02. Building Science IR. (2-0-3)**

Pre-requisite subjects Mathematics IB, Applied Physics IR, Engineering Chemistry and Materials, Tectonics I, General Studies Elective.

*Materials:* Steel and concrete as building materials.

*Environmental Physics:* An introduction to the problems of sun, heat, light and sound in buildings. Review of heat, light, sound and solar effects.

**TB12. Design of Structures IR.** (1-1-2)

Statics, strength of materials. Theory of beams, frames, columns, in statically determinate cases. Use of tables, codes and handbooks in element design.

**TB22. Tectonics IIB.** (2-0-7)

*Building Construction:* Multi-storey buildings, their elements, erection and construction. Site visits and reports.

*Quantity Surveying:* Standard methods of taking off and billing more advanced building elements. The bill, re-measurement and settlement.

**TC62. Surveying IB.**

For syllabus see Subject Index.

**TB92. Building Law.** (2-1-0)

History and principles of law. Common precedent and statute law. Industrial and contract law. Local authority law. Building regulations.

**A General Studies Elective.**

For syllabuses see page 1039.

THIRD YEAR

**TB03. Building Science IIR.** (2-0-3)

Pre-requisite subjects: Building Science IR, Design of Structures IR, Tectonics IIA or Tectonics IIB.

*Materials:* Timber and metallic alloys as building materials.

*Environmental Physics:* Further studies in sun, heat, light and sound. Design problems.

*Services:* Heating, cooling, ventilation. Intra-building transportation. Gas, electrical, water and sanitary services.

**TB13. Design of Structures IIR.** (1-1-2)

Statically indeterminate structures. Plastic behaviour. Soil mechanics. Arches. Design of elements and simple statically indeterminate structures in steel, concrete (plain and pre-stressed), timber.

**TB23. Tectonics IIIB.** (2-0-5)

*Building Construction:* Industrialised building components, erection and construction of large buildings. Heavy construction. Site reports, visits and projects.

*Quantity Surveying:* (Option) Quantity surveying methods of more advanced buildings and structures. Cost-planning. Professional quantity surveying.

*Building Administration:* Site and head office administration.

Text-books:

*Australian standard method of measurement of building works* (Institute of Quantity Surveyors Aust.).

Great Britain Building Research Board, *Principles of modern building*, Vols. 1 and 2 (H.M.S.O.).



**TA93. Building Accountancy.** (2-2-0)

The basic accounting records and recording techniques. Estimating and costing in the building industry. Analysis, interpretation and reporting to management on the information drawn from accounting records. Managerial and legal requirements with respect to accounting records and reports. The significance of and limitations inherent in accounting data.

Internal and external sources of finance. Sources and application of funds; methods of finance; financial controls; budget, estimates, actual results in financial terms.

**TM83. Contract Programming (Computer Programming).** (2-1-2)

Fortran computer language. Network analyses. Simulation techniques. Critical path methods. Cost, time and resource variable.

**A General Studies Elective.** (0-2-0)

For syllabuses see page 1039.

**BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING).****NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.** (3-2-0)

A knowledge of Mathematics I and II at Matriculation is assumed. Set notation, elementary algebra of sets. Boolean algebra, complex numbers. Functions of a real variable. Calculus and applications. Vector algebra. Introduction to partial differentiation. Ordinary differential equations.

Text-book:

Purcell, E. J., *Calculus with analytical geometry* (Appleton, Century and Crofts).

**TP01. Applied Physics I.** (3-1-2)

This course provides a theoretical and experimental basis for further studies in Technology and Applied Science.

Units and dimensions, vector analysis.

Conservation laws, dynamics, relativity, vibrations, gravitation, geophysics, elasticity, kinetic theory, high pressures, vacuum technology, rheology, surface physics.

Wave properties, acoustics, ultrasonics, seismic waves, optics, polarization.

Electrostatics, current electricity, magnetic fields, electromagnetic interactions, thermo-electricity, A.C. theory, modern magnetism.

Conduction in gases, plasmas, quantum theory, atomic and nuclear theory, X-rays, spectroscopy, radioactive isotopes, health physics, electron emission from solids, vacuum and solid state devices.

Temperature measurement, equations of state, thermodynamics, heat transfer, low and high temperatures.

Text-books:

Kingsbury, R. E., *Elements of physics* (Van Nostrand).

Yarwood, J., and Close, K., *Introductory atomic physics* (Longmans).

**TH81. Engineering Chemistry and Materials.**

For syllabus see Subject Index.

**TK61. Engineering Mechanics IA. (2-1-11)**

Kinematics, Newton's Laws of Motion, Work, energy, power, Momentum and impulse. Conservative systems, friction. Equations of energy and angular momentum for motion of a rigid body about a fixed axis. Motion of the mass centre of a rigid body. Theorems of parallel and perpendicular axes.

Statics, conditions of equilibrium, parallel forces, couples and moments. Reduction of a system of forces. Centre of mass. Bending moment and shear force, light frameworks.

Elements of hydrostatics.

**TC61. Civil Drawing. (0-0-3)**

The course consists of three hours of practical work a week. Use of slide rule; preparation of charts, graphs, and nomograms; third and first angle projection; auxiliary projection; sectioning and dimensioning; interpenetration of solids; development of surfaces. Preparation of civil drawings, site plans; sections; mass haul diagrams; sounding and grading diagrams.

Preparation of simple mechanical and structural assemblies; pipe work layouts; reinforced concrete drawings.

Sketching associated with civil engineering projects.

Text-books:

AS, CZI, *Australian standard engineering drawing practice.*

Slaby, S. M., *Engineering descriptive geometry* (Barnes and Noble).

**TK71. Basic Engineering Techniques (Part Course). (1-0-3<sup>1</sup>)**

An introductory course presenting the common practices adopted in engineering manufacture, and in the laboratory.

One hour per week lecture. Three hours per week practical for one term.

*Lecture Topics:*

Safety principles; foundry work; hand tools; cutting tools; machine tools; welding and associated processes; joining methods; and finishing processes.

*Practical Work:*

Elementary machining exercises, demonstrations of lecture material on: Turning, milling, grinding, shaping, welding, flame cutting, soldering, moulding, casting, glass blowing, electrical wiring, safety precautions, cleaning methods, vacuum practice, vacuum deposition.

**A General Studies Elective.**

For syllabuses see page 1039.

**SECOND YEAR****TM02. Mathematics IIA. (3-2-0)**

The subject matter is divided into four sections: each section consists of one hour lecture a week and two hours of tutorial every three weeks. Any three sections constitute the subject Mathematics IIA. Students in Applied Physics, Civil Engineering and Surveying are advised to take sections 1, 2 and 3. Students in Data Processing are advised to take sections 1, 2 and 4.

Section 1. Matrices: matrix algebra; eigenvalues and vectors; special forms. Ordinary Differential Equations: Laplace transforms; solutions by variation of parameters. Functions of several variables: further partial differentiation theory; maxima and minima. Partial Differential Equations: elementary solutions; Fourier series solutions.

Section 2. Vector Analysis: differentiation of vectors with application to differential geometry and dynamics. Directional derivative and Gradient, Diver-

gence, and Curl. The integral of a vector function. Line Integrals, their definition and evaluation. Theorems concerning line integrals for conservative fields. Double, Triple, and Repeated Integrals; Jacobean. Surface Integrals. Green's Theorem in a plane; Stoke's Theorem; the divergence theorem of Gauss. Complex Variable Analysis: Functions of complex variable; Cauchy-Riemann equations; series; integration; conformal mappings.

Section 3. Fortran Programming: input and output statements; arithmetic statements; transfer of control statements; standard routines; subroutines. Numerical Methods: solution of equations; finite differences; interpolation; integration.

[*Statistics*: probability; representation of data, measures of location, dispersion; Normal, Binomial, Poisson Distributions; quality control, significance testing, sampling, linear regression] or

[*Tensors*: the definition in terms of the general transformation law via the affine transformation. Properties of tensors; symmetric and antisymmetric tensors. The Kronecker delta; the alternating tensor. Scalar product, divergence, gradient, and curl. Line, surface, and volume integrals; and associated integral theorems. Isotropic tensors. Applications in dynamics, elasticity, and hydrodynamics].

Section 4. Linear Algebra: vectors, independence, vector spaces, spanning, basis, dimension. Regular and non-regular systems of equations. Mathematics of Finance: elementary recurrence relations, compound interest; loan amortisation; annuities, present values, discounted cash flow, depreciation; perpetuities, yield. Special functions: Gamma, Beta functions; orthogonal functions, including Legendre polynomials, Bessel functions; continued fractions.

Text-book:

Kreyszig, E., *Advanced engineering mathematics* (Wiley).

#### TC12. Civil Engineering IIA (T).

(2-2-3)

Pre-requisite or concurrent subject: Mathematics IIA.

The course consists of three hours of lectures and five hours of practical work and tutorials a week.

Simple connections, theories of failure, tests on the structural behaviour of components, statically determinate beams, and special problems. Columns, design of timber and steel members, basic indeterminate structures including intersecting beams, torsion, dynamic loads, forces in space.

Curved beams, thick and thin cylinders, elementary concept of plasticity, introduction to influence lines and moment distribution.

Reinforced and prestressed concrete, beams, footings and retaining walls, slabs, introduction to ultimate design, design of simple prestressed members.

Practical work in the laboratory and drawing office in conjunction with the above topics.

Text-books:

Cassie, W. F., *Structural analysis* (Longmans).

Popov, E. P., *Introduction to mechanics of solids* (Prentice-Hall).

#### TC22. Civil Engineering IIB (T).

(3-1-3<sup>2</sup>)

Properties of materials including steel, concrete, timber, aluminium and its alloys.

Properties of cement and concrete materials, design of mixes, quality control, elastic properties and concrete.

Physical properties of soils and their measurements. Applications to simple retaining wall and foundation problems. Site exploration and soil sampling. Field testing. Classification.

A study of geology from the engineering point of view, with applications to engineering projects.

Properties of fluids; fluid statics; pressure measurement. Ideal fluid flow—continuity, Eulers' equation, Bernoulli's equation; rotational and irrotational motion.

Steady, real fluid flow—laminar and turbulent; hydraulic and energy lines; flow measurement; momentum; impulse turbines and rotodynamic machinery.

Potential flow, the flow net; dimensionless groups and dimensional analysis; hydrology.

Steady flow in closed conduits—uniform and non-uniform, the Moody chart; pipe networks; pipes with reservoirs.

Steady flow in open channels—uniform and non-uniform.

Text-book:

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics with engineering applications* (McGraw-Hill).

#### TC01. Surveying I.

(2-1-3<sup>2</sup>)

A course consisting of two hours of lectures, one hour of tutorial and three hours of practical work throughout the academic year.

The construction, adjustment and use of instruments, including levels, level compensation, theodolite, double image, subtense and diagrammatic methods of tacheometry. Chain surveys, levelling, traverses; measurement and setting out of earthworks; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements; errors and their effects in chaining, levelling; traversing and instrument use.

Underground and surface surveys connected with mining type operations; equipment, basic definitions; setting out and control of tunnels; plans; projections and models in relation to mining surveys; exploration surveys, shaft plumbing, bore hole data, various instruments used in mine surveying.

*Practical Work:*

Chaining, traversing, detail survey, levelling, tacheometry, compass survey, plane tabling, setting out works, adjustment of instruments; calculations and plans connected with the above.

Examination will consist of written papers, a practical examination in the use and adjustment of instruments, and the satisfactory completion of the practical programme.

Text-books:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P.).  
Clendinning, J., *Principles and use of survey instruments* (Blackie).  
Clendinning, J., *Principles of surveying* (Blackie).  
Chambers, *Shorter six figure mathematical tables*.

#### TE72. Electrical Engineering SC (T).

(1-0-2<sup>2</sup>)

D.C. circuit analysis with applications to measurements and control circuits and including simple non-linear elements. Magnetic properties of materials and magnetic circuit analysis with applications to relays and related electromagnetic devices. A.C. circuit response, power factor correction and an introduction to three-phase systems and transformers. Transient response of linear circuits and the effects of transients in simple switching and control circuits. Characteristics, starting and control of d.c. and a.c. machines. Transducers and associated circuits. Analogue methods and analogue computation.

#### A General Studies Elective.

For syllabuses see page 1039.

### THIRD YEAR

#### TC13. Civil Engineering IIIA (T).

(3-3<sup>1</sup>-2)

Influence lines for determinate structures, deflection of structures, graphical methods. Moment distribution in rigid frames, column analogy.

Prestressed and reinforced concrete, ultimate design, composite construction, plastic analysis of steel structures. Model analysis of structures. Laboratory classes in conjunction with the above.

Text-books:

Johnson, R. P., *Structural concrete* (McGraw-Hill).  
Matheson, J. A. L., *Hyperstatic structures*, vol. I (Butterworth).

**TC23. Civil Engineering IIIB (T). (4-0-3)**

Pre-requisite subjects: Civil Engineering IIA and B (T), Surveying I.

This course consists of four hours of lecture and three hours of practical work a week.

Traffic data, geometric design of highways and railways, pavement materials and types, design of pavements, earthworks and drainage.

Transportation engineering; airports, highways, railways.

Plastic states in soil and applications to retaining wall and foundation problems.

Consolidation theory. Effective stress theories and stress paths. Elastic stress distribution. Settlement computations. Slopes. Earth dams, including seepage problems. Construction of foundations—cofferdams and caissons.

Unsteady flow in closed conduits; pipelines with pumps and turbines; water hammer; surge tank analysis.

Open channel flow—wave motion; energy dissipators for hydraulic structures; cavitation.

Boundary layer theory; fluid forces on a body in a free stream; flow through porous media; sediment transport.

Laws of similarity for hydraulic and aerodynamic models.

Hydrology; water resources planning.

Text-books:

Henderson, F. M., *Open channel flow* (Macmillan).

Linsley, R. K., and Franzini, J. B., *Water resources engineering* (McGraw-Hill).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

**TC33. Civil Engineering IIIC (T). (3-0-3<sup>2</sup>)**

Pre-requisite or concurrent subjects: Civil Engineering IIIA and B (T).

This course consists of 3 hours of lectures a week along with seminars and projects.

Professional practice, report-writing, public speaking; a short course on the elements of design (aesthetics).

A study of management aspects of construction including: planning of construction; principles of organisation, contacts, personnel management, estimating, control costing and financial aspects.

A study of methods employed in the basic process of civil engineering construction as applied to typical construction projects.

Seminars and projects—students will be expected to prepare a written paper with a verbal summary thereof, based on a reading and/or laboratory project.

Text-books:

McLarney, W. J., *Management training* (Irwin).

Ryan, P. W. S., *Engineering administration* (Angus and Robertson).

**TC93. Structural Design. (0-0-4)**

Pre-requisite or concurrent subject: Civil Engineering IIIA (T).

Design projects covering timber, concrete and steel construction.

**TC53. Engineering Computations. (1-0-2)**

Pre-requisite or concurrent subject: Civil Engineering IIIA (T).

This course consists of one hour of lecture and two hours of practical work a week.

Fitting of curves to experimental results, construction of monographs, equations of structural analysis expressed in matrix form and their solutions, applications of partial differential equations to problems in hydraulics and structures, conformal mapping used in analysis of flow-nets.

**A General Studies Elective.**

For syllabuses see page 1039.

## BACHELOR OF TECHNOLOGY (SURVEYING).

## NEW COURSE.

## FIRST YEAR

TM01. Mathematics IA.

TP01. Applied Physics I.

TC01. Surveying I.

For syllabuses see Subject Index.

TN12. Applied Geology I (2-1-3)

Introduction: age, structure, geochemistry of the Earth; elements of mineralogy; volcanism and igneous rocks; surface processes (geomorphology); basic soil studies sedimentation, sediments, diagenesis; fossils and time; geological structures and maps; metamorphism; mineral deposits; elements of exploration; industrial uses of rocks; geology of Australia and South Australia in outline.

Text-book:

Read, H. H., and Watson, J. *Introduction to geology*, vol. 1 (Macmillan).

A General Studies Elective.

For syllabuses see page 1039.

## SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TC02. Surveying IIA. (2-3-3)

(a) Engineering surveying: Surveys for roads, railways, water supply, irrigation and drainage. Transition and vertical curves. Earthworks. Control surveys for dam deflections, earth settlement and structural deflections. Hydrographic surveys. First order levelling.

(b) Cadastral surveying: Requirements of a sound cadastre. Field procedure on both local and national systems. Problems arising from a changed co-ordinate system (cadastral, not mathematical). Minor triangulation and traversing. Control surveys. Use of air photographs in cadastral surveys. The theory of error propagation in all surveying procedures, and its application in practice.

(c) Computations connected with (a) and (b).

(d) Practical work and assignments.

Text-books:

Bannister, A., and Raymond, S., *Surveying* (Pitman).

*Chambers shorter six-figure mathematical tables.*

Richardus, P., *Project surveying* (North Holland).

Whittaker, E. T., and Robinson, G., *Calculus of observations* (Dover).

**TC72. Surveying IIB.**

(4-3-3)

(a) The concept of map projections; detailed treatment of the Cassini-Soldner and transverse mercator projections; Observational procedures. Triangulation, traversing and levelling for control purposes. Barometric heighting and trigonometric levelling. Control for photogrammetric mapping at all scales. Microwave distance measurement.

(b) Astronomy. Astronomical co-ordinates and the factors influencing them; reduction of mean to apparent place. Time. Simple and precise methods for the determination of azimuth latitude and longitude. The influence of systematic and random errors on star observations and on the selection of star programmes; accuracy to be expected from observations. Influence of instrumental errors. The receiving and recording of time signals.

A programme of approximately 70 observations is to be completed for the determination of latitude, longitude and azimuth together with investigation of the results.

Students must lodge the completed practical programme together with all relevant computations, programme details and investigations of results.

**Text-books:**

As for Surveying IIA, together with the following:

Woolard, E. W., and Clemence, G. M., *Spherical astronomy* (Academic Press).

Roelofs, R., *Astronomy applied to land surveying* (Ahrend).

Current edition of: *Star Almanac for Land Surveyors*.

**TB82. Land Use.**

(1-0-0)

The interactions of movement and land uses are analysed in terms of the human use and enjoyment of urban and regional situations. The programme is designed to meet the needs of practitioners in related professions and will concentrate on the effects of planning policy on land use. Exercises will be made into the analysis of existing patterns on the basis of the theories of land use determinants and current practice. The elements of urban and regional plans, including residential, industrial, wholesaling, retailing, storage and business areas, open spaces, public service facilities, institutions, traffic, transportation and parking will be analysed in terms of the form and direction of growth. Case studies will be introduced and developed as exercises.

**TC92. Cartography.**

(0-0-4)

Use of equipment, conventional signs, preparation of plans from field notes covering hydrographical, engineering, geological, hydrological, geophysical and mining surveys. Cadastral plans. Preparation of proposal and subsequent plans, road plans, etc., including calculations. Topographical mapping: scope and requirements. Compilation of source materials. Projections and their construction. Separation techniques, process photography, printing processes.

**Text-books:**

Raisz, E. J., *General cartography* (McGraw-Hill).

Steers, J. A., *Introduction to the study of map projections* (Univ. of London Press).

**A General Studies Elective.**

For syllabuses see page 1039.

**TC82. Survey Camp.**

For syllabus see Subject Index.

## THIRD YEAR

## TC03. Surveying III.

(4½<sup>2</sup>–0–2½)

This subject will consist of the following:

(a) Survey Law. 45 hours of lectures.

The elements of land and property law. Principles of land registration. Development of land registration in Australia. Principles of conveyancing Statutes in the Australian States and those of South Australia. Special statutes.

(b) Land valuation, 20 hours of lectures.

Definition of value, methods and principles of valuation. City suburban and rural lands. Valuation of improvements to land. Depth tables. Terminable interests. Depreciation. Reports. Subdivisions. Business valuations and goodwill. Compensation for compulsory acquisition.

(c) Planning Law. 20 hours of lectures.

A survey of the history of the law and the courts with an analysis of the principles of law under the two western codes. Appeals, arbitration and conciliation methods. Selected legislation in Australia and overseas will be examined with specific reference to South Australia. A survey will be made of the planning law in force in all states of Australia.

(d) Land Utilization. 20 hours of lectures.

Climate in relation to primary and secondary industries. Soil types in relation to primary production. Geological associations. Distribution and identification of the indigenous and exotic timbers in South Australia. Erosion and methods of erosion control.

(e) Town Planning. 30 hours of lectures.

Design and analysis of land use in development, including examples from history, with special references to the problems of the surveyor in practice.

## TC63. Geodesy.

(3–3–0)

Pre-requisite subjects: Mathematics I (Engineering), Surveying II, and Astronomy.

The oblate spheroid, reconnaissance surveys, base line measurement; recording methods; adjustments, computation of triangular, trilateration and traverses, computation in plane rectangular records; map projections. Gravity, influence on levelling; Gravity Surveys—use of gravity observations for earth figure determination; optical and mechanical principles; level compensation; precise alignment—axicon principles; double image, subtense, and diagrammatic methods of tachometry; microwave distance measurements; geodetic theodolites.

Text-books:

Bomford, G., *Geodesy* (O.U.P.).

Heiskanen, W., and Moritz, H., *Physical geodesy* (Freeman).

Shchigolev, B. M., *Mathematical analysis of observation* (Iliffe).

## TC83. Photogrammetry.

For syllabus see Subject Index.

## TC43. Engineering (T).

(2–1–3)

Properties of fluids; fluid statics; pressure measurement. Ideal fluid flow—continuity, Euler's equation, Bernoulli's equation; rotational and irrotational motion.

Steady, real fluid flow—laminar and turbulent; hydraulic and energy lines; flow measurement; momentum; impulse turbines and rotodynamic machinery. Potential flow, the flow net; dimensionless groups and dimensional analysis; hydrology. Steady flow in closed conduits—uniform and non-uniform, the Moody chart; pipe networks; pipes with reservoirs. Steady flow in open channels—uniform and non-uniform.

Physical properties of soils and their measurements. Applications to simple retaining wall and foundation problems. Site exploration and soil sampling. Field testing. Classification.



## Text-books:

- Daugherty, R. L., and Franzini, J. B., *Fluid mechanics with engineering applications* (McGraw-Hill).  
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

**A General Studies Elective.**

For syllabuses see page 1039

**BACHELOR OF TECHNOLOGY (ELECTRICAL  
ENGINEERING).**

**NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.****TP01. Applied Physics I.****TH81. Engineering Chemistry and Materials.**

For syllabuses see Subject Index.

**TE91. General Electrical Engineering A. (1-1-0)**

An introduction to linear lumped circuit theory: Circuit elements, network theorems, a.c. circuits, constant voltage and current sources, maximum power transfer, measuring instruments. Electro-mechanical power conversion. Vacuum tubes and transistors as circuit elements. The use of the cathode ray oscilloscope.

## Text-book:

Brookes, A. M. P., *Basic electric circuits* (Pergamon).

**TK81. Basic Engineering Techniques. (1-0-3)**

An introductory course presenting the common practices adopted in engineering manufacture, engineering drawing, and in the laboratory.

One hour per week lecture. Three hours per week practical/tutorial.

Lecture Topics: Safety principles; foundry work; hand tools; cutting tools; machine tools; welding and associated processes; joining methods; and finishing processes.

Practical Work: Orthographic drawing; principal and auxiliary views; sections, conventional methods; simple dimensioning; pictorial drawing. Elementary machining exercises, demonstrations of lecture material on: turning, milling, grinding, shaping, welding, flame cutting, soldering, moulding, casting, glass blowing, electrical wiring, safety precautions, cleaning methods, vacuum practice, vacuum deposition.

## Text-book:

McCarron Bird Pty. Ltd., *The reading of technical drawings* (Department of Labour and National Service).

**A General Studies Elective.**

For syllabuses see page 1039.

## SECOND YEAR

## TM12. Mathematics IIB. (2-2-0)

Any two sections of the syllabus for Mathematics IIA constitute the subject Mathematics IIB.

Students in Applied Chemistry, Primary Metallurgy and Secondary Metallurgy are advised to take sections 1 and 3 of Mathematics IIA. Students in Electrical Engineering and Mechanical Engineering are advised to take sections 1 and 2 of Mathematics IIA.

## TE02. Electrical Engineering IA. (2-1-2)

Steady state analysis of A.C. circuits, dual equivalents, phasor and locus diagrams, maximum power transfer and power factor correction. Transients in D.C. and A.C. circuits. Complex wave forms, harmonic analysis. Three-phase circuits. Magnetic systems, and equivalent circuits. Energy storage, self and mutual inductance, saturable reactors, transformer essentials. Electromechanical power conversion and the basic rotating machine. D.C. machines; characteristics as generators, motors and amplifiers; losses, efficiency and performance singly and in combination.

## TE12. Electrical Engineering IB. (2-0-2)

Units: standards; accuracy, analogue and digital presentation, errors and statistics. Instrument classification, basic measuring circuits and range extension. Measurement of resistance, capacitance, inductance, current. Voltage, power, energy and power factor, also phase and resolved components down to very low frequencies. Effects of complex wave forms. Magnetic measurements, instrument transformers and transformer bridges. Transducers and associated measurements. Instrument dynamics.

Analogue principles, distributed and lumped systems. Electro-mechanical analogues and their duals. Conversion factors, time and impedance scaling. Simulation on analogue computers using operational amplifiers, multipliers, function generators. Programming and applications of analogue computers.

## Text-books:

- Baldwin, C. T., *Fundamentals of electric measurements* (Harrap).  
Peterson, G. R., *Basic analog computation* (Macmillan).

## TK92. Mechanical Design S. (1-1-3)

Introductory service course in solid mechanics, dynamics and mechanical design.

Forces and stresses in frames: beams and shafts, section properties; rigid body dynamics, inertia forces and torques; friction mechanisms; balancing of rotors; design properties, safety factors; design of simple machine members, joints and fastenings; catalogue selection of ball bearings and vee belts; pressure vessels, pump and pipe systems; limits of size, standard fits.

## Text-books:

- Hall, A. S., and others, *Theory and problems of machine design* (Schaum).  
McLean, W. G., and Nelson, E. W., *Engineering mechanics* (Schaum).  
Nash, W. A., *Strength of materials* (Schaum).  
B.S. 1916, Part 2, 1953, *Guide to selection of limits and fits*.  
B.S. 308A, 1964, *Abridged edition of B.S. 308 engineering drawing practice*.

TK82. Thermo-Fluid Dynamics I. (2-1-12<sup>2</sup>)

An introductory course in applied thermodynamics and fluid dynamics.

Thermodynamics: ideal gases, gas laws, internal energy, enthalpy; energy equation, first law, second law, entropy; actual gases, vapours, gas-vapour mixtures, psychrometry, engine cycles, power, efficiencies; Rankine cycle, refrigeration cycles; combustion, fuels, excess air.

Dimensional analysis: Buckingham theorem, dimensionless groups, similarity.

Heat transfer: conduction, convection, radiation; heat exchangers, log. mean temperature difference, Wilson plot.

Fluid dynamics: hydrostatics; energy equation, continuity, momentum equation; incompressible flow, types of flow, flow in pipes and fittings, open channels, drag coefficients; compressible flow, nozzles: turbomachinery.

Mass transfer: elementary introduction.

Text-books:

Van Wylen, G. J., *Thermodynamics* (Wiley).

Callendar, H. L. and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition.

Pao, R. H. F., *Fluid mechanics* (Wiley).

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

**A General Studies Elective.**

For syllabuses see page 1039.

**THIRD YEAR**

**TE03. Electrical Engineering IIA. (3-0-2)**

Four terminal networks, generalised constants. Transmission lines with distributed elements, equivalent T and  $\pi$  networks, power circle diagrams. Transformers under steady state and transient conditions, multiple windings separate and auto connected, polyphase transformation. Harmonics in three-phase systems. Symmetrical components. Synchronous machines, salient and non-salient poles, two reaction theory, locus diagrams, parallel operation, synchronous converters. Rectification and inversion, high voltage D.C. power links. Induction machines equivalent circuit, circle diagram, slip control, multi-speed, synchronous operation. Unbalanced and single-phase supply. Commutator machines, three-phase and single-phase.

**TE13. Electrical Engineering IIB. (2-1-4)**

Design principles for transformers, synchronous and induction machines, and other power conversion equipment. Power supply systems, stability, operation, protection. Fault conditions and circuit breakers. Utilization of plant and application of control systems.

**TE93. Automatic Control I. (1-1-2)**

Open and closed loop systems, steady state and transient response, performance requirements. Control system components. Electro-magnetic amplifiers based on saturable reactors and rotating machines as applied to control systems.

Analysis of response of linear systems in the time and in the frequency domain and their correlation, transfer functions, graphical displays, stability, margins, compensation.

The application of the analogue computer for control system analysis and synthesis.

**TM13. Mathematics IIC. (1-1<sup>2</sup>-0)**

Any *one* section of the syllabus for Mathematics IIA not previously offered for credit by the student constitutes the subject Mathematics IIC.

Students in Electrical, Mechanical and Mineral Engineering are advised to take section 3.

**TL53. Applied Electronics.**

For syllabus see Subject Index.

**A General Studies Elective.**

For syllabuses see page 1039.

## BACHELOR OF TECHNOLOGY (ELECTRONIC ENGINEERING).

### NEW COURSE.

#### FIRST YEAR

TM01. Mathematics IA.

TP01. Applied Physics I.

TH81. Engineering Chemistry and Materials.

TE91. General Electrical Engineering A.

TK81. Basic Engineering Techniques.

For syllabus see Subject Index.

A General Studies Elective.

For syllabuses see page 1039.

#### SECOND YEAR

TM12. Mathematics IIB.

For syllabus see Subject Index.

TP92. Physics IIE. (2<sup>1</sup>2-1-3)

A course of approximately 45 lectures with a one-hour tutorial and a two-hour laboratory session per week. It will provide an introduction to the physics of materials and devices used in electronic and communication engineering.

*Electricity and Magnetism*: field theory and Maxwell equations, the production propagation and transmission of electromagnetic waves, dielectric and magnetic materials.

*Electron Physics*: the dynamics of charged particles in electric and magnetic fields, electron tubes, thermionic and photoelectric effects. Atomic theory, electrons and ions in gases, discharge physics. The wave nature of the electron, elements of quantum theory, band theory, metals, semiconductors and insulators, semiconductor devices.

*Quantum Electronics*: tunnelling, stimulated emission, masers, noise.

Text-books:

Hemenway, C. L., Henry, R. W., Caulton, M., *Physical electronics* (Wiley).  
 Skilling, H. H., *Fundamentals of electric waves* (Wiley).

TE82. Electrical Engineering SE (T). (2-0-2)

D.C. linear and non-linear circuits, A.C. circuits, bridges, three-phase systems, symmetrical components, harmonic analysis and simple non-linear circuits. Transients in linear circuits, transform techniques. Analogue computers for simulation. Magnetic materials and circuits, transformers and saturable reactors. Electro-mechanical power conversion, characteristics and control of D.C. and A.C. machines, servo-motors and transducers. Introduction to precision measurements.

TL02. Electronic Engineering IA. (2-1-2)

Mesh and nodal analysis of network; use of matrix methods; four terminal network theory; resonance; determination of amplitude and phase response from pole-zero plots; use of Laplace transform methods to determine network response for sinusoidal and non-sinusoidal excitation; use of Fourier series and Fourier

transform in wave-form analysis; propagation characteristics of transmission networks; constant-k and m-derived filters; elementary network synthesis; wave-motion on transmission lines; Smith chart; electronic instruments including the vacuum-tube voltmeter, Q-meter, power meter; A.C. bridge measurements.

Text-books:

Zeins, B., *Introduction to network analysis* (Prentice-Hall).

Angelo, E. J., and Papoulis, A., *Pole-zero patterns* (McGraw-Hill).

#### TL12. Electronic Engineering IB. (2-1-2)

Characteristics of vacuum tubes, junction transistors, field effect transistors, zener diodes; graphical analyses of vacuum tube and transistor amplifiers; biasing techniques; temperature stabilization; power dissipation; dynamic output quantities; linear equivalent circuits of vacuum tubes; transistor hybrid parameters and equivalent Tee circuits; basic transistor amplified configurations; piecewise linear equivalent circuits; bandwidth and gain of R-C coupled amplifiers; transformer coupling; single, double and stagger tuned couplings; untuned and tuned power amplifiers; DC amplifiers; general properties of feedback circuits; operational amplifiers; sinusoidal oscillators; rectification, filtering and regulation as applied to power supplies; DC-DC converters; use of thyatron, ignitron and SCR in power control; electromechanical and photoelectric transducers; strain gauges; magnetic tape recording.

Text-books:

Chirlian, P. M., *The analysis and design of electronic circuits* (McGraw-Hill).

Ryder, J. D., *Engineering electronics*, 2nd edition (McGraw-Hill).

#### A General Studies Elective.

For syllabuses see page 1039.

#### TM13. Mathematics IIC.

For syllabus see Subject Index.

### THIRD YEAR

#### TL03. Electronic Engineering IIA. (2-1-3)

Principles of amplitude and frequency modulation, detection and frequency conversion; the principles of information transmission; modulation methods; the effect of noise in information transmission; RF transmission lines; the Smith chart; impedance matching; determination of field strength, radiation resistance and directive gain of simple antennas and antenna arrays; the receiving antenna; propagation of ground waves, sky waves and space waves; scatter propagation; devices for generating UHF signals; wave-guides; microwave components.

Text-books:

Ryder, D. J., *Networks, lines and fields*, 2nd edition (Prentice-Hall).

Brown, J., and Glazier, E. V. D., *Telecommunications* (Chapman and Hall).

#### TL13. Electronic Engineering IIB. (2-1-3)

Wave-shaping by linear and non-linear circuit elements; response of cascaded RC coupled amplifiers to pulse excitation, compensation methods, distributed amplifiers; transient response of transistor switching circuits; charge control analysis; multi-vibrators—saturating and non-saturating types, classification; negative resistance switching circuits; blocking oscillators; pulse transformers; voltage comparators; counting circuits; binary arithmetic; sampling techniques; logic, principles and circuits; binary codes; error detecting codes; integrated circuits; minimization techniques; digital computer techniques; machine arithmetic; memory devices; instrumentation systems; A/D-D/A conversion; magnetic recording.

Text-books:

Millman, J., and Taub, H., *Pulse, digital and switching waveforms* (McGraw-Hill).

Dakin, C. J., and Cooke, C. E. G., *Circuits for digital equipment* (Iliffe).

**TL23. Electronic Engineering IIC.** (1-1-4)

Lectures: *Circuit and system design*: Design philosophy, component limitations, worst case and statistical design, analysis, the place of analysis and laboratory work in circuit and system design, estimation of reliability, standards, patents, ergonomics.

By way of illustration a number of specific circuits will be designed; these will include AC, DC and frequency selective amplifiers, feedback amplifiers, electronic regulators, switching and logic circuits.

*Production Techniques*: Construction methods, quality control, quality assurance, programme evaluation review technique, electrical and environmental testing.

Practical: Students will be required to design, construct and test a piece of electronic equipment which could come within the scope of an electronic engineer in design. A report is to be submitted and seminar presented on this design project.

Preliminary reading:

Krick, E. V., *An introduction to engineering and engineering design* (Wiley).

**TE93. Automatic Control I.**

For syllabus see Subject Index.

**A General Studies Elective.**

For syllabuses see page 1039.

## BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING).

### NEW COURSE.

#### FIRST YEAR

**TM01. Mathematics IA.**

**TP01. Applied Physics I.**

**TH81. Engineering Chemistry and Materials.**

For syllabuses see Subject Index.

#### **TK01. Engineering Mechanics I.** (2<sup>2</sup>1<sup>1</sup>-1-11)

Pre-requisite or concurrent subjects: General Mathematics and General Physics, or Mathematics IA and Applied Physics I.

Lectures: The course consists of two hours of lectures and one hour tutorial a week in first and third terms, and one hour lecture, one hour practical, and one hour tutorial a week in second term. Principles of statics; parallelogram of forces; equilibrium of forces in a plane; movement of a force; couples; force systems in space; simple trusses; funicular polygon; cables and chains; friction; virtual displacement; centre of gravity; static moments, first and second moments of area and moments of inertia.

Bending moment and shear force diagrams. Elastic stress and strain; Hooke's law; normal and shear stresses, tension; compression and shear bending of homogeneous beams; torsion of circular shafts.

Text-book:

Meriam, J. L., *Statics* (Wiley).

**TK91. Engineering Drawing. (0-0-3)**

The course presents the fundamental principles of orthographic drawing, their application to visual perception in three dimensions, and to the conventional practices of engineering drawings.

Lettering; orthographic drawing applied to the space relationship of points, lines, planes, surfaces and solids; intersections and development of surfaces; drawing of multi-view engineering drawings, auxiliary views, sections and conventional practices, fasteners; assembly drawings, introduction to dimensioning for fit and inter-changeability; axonometric projection; freehand sketching.

## Text-books:

Leighton-Wellman, B., *Technical descriptive geometry* (McGraw-Hill).

A.S. CZ1—1966, *Australian standard engineering drawing practice*.

**TK11. Engineering Manufacturing Practice I. (1-0-3)**

The subject covers descriptively the basic manufacturing processes with an introduction to factory organisation, safety principles and small tools. The range of metal cutting processes and machines. The basic "chipless" processes of pressing, rolling, swaging and drawing and extrusion. Metal joining by fusion, adhesion and mechanical connection. Casting, moulding and die injection processes. Electrolytic processes. Material finishing.

## Text-book:

Moore, H. D., Kibbey, D. R., *Manufacturing materials and processes* (Irwin).

**A General Studies Elective.**

For syllabuses see page 1039.

**SECOND YEAR****TM12. Mathematics IIB.****TK82. Thermo-Fluid Dynamics I.**

For syllabuses see Subject Index.

**TK02. Engineering Mechanics II. (4-0-3)**

A detailed coverage of solid mechanics and dynamics, with some experience in mechanical testing and experimental work on machines.

Mechanics of Solids: forces, stresses, strains and deflections in beams, columns, shafts, non-circular sections, springs; two dimensional stresses, strains in three dimensions; bolted and welded joints; failure theories for yielding and brittle fracture non-symmetrical bending of beams; strain energy applications; experimental stress analysis.

Dynamics: motion of points and rigid bodies; mechanisms, velocities and accelerations, fundamental law of gearing; kinetics of particles rigid bodies and connected systems, work, energy, impulse and momentum; clutches, brakes and belt drives; diversion of fluid streams, motion with varying mass, impact of bodies; free and forced vibrations, damping; balancing of rotors and engines.

## Text-books:

Warnock, F., and Benham, P. P., *Mechanics of solids and strength of materials* (Pitman).

Meriam, J. L., *Dynamics* (Wiley).

**TK22. Mechanical Design I. (1-3-0)**

Introduction to the design of machine elements and transmission systems, using codes and catalogues and applying knowledge gained in mechanics and engineering materials. Practical work including sketching and drawing of components and assemblies, and the selection of fits and tolerances.

Limits and fits, geometric tolerances; design properties, design factors; combined stresses; design of ductile materials for yielding or fatigue failure; design of machine members and fastenings; design of bolted, welded and glued joints;

shafts, slope and deflection; seals; helical springs; antifriction bearings; belt and chain drives; couplings; wire ropes; geometry of cams and gears.

## Text-books:

- Faires, V. M., *Design of machine elements*, 4th edition (Macmillan).  
 Faires, V. M., *Problems in the design of machine elements*, 4th edition (Macmillan).  
 B.S. 1916, Part 1, 1953, *Limits and fits for engineering*.  
 B.S. 1916, Part 2, 1953, *Guide to selection of limits and fits*.  
 A.S. CZ1, 1966, *Australian standard engineering drawing practice*.

## TK12. Production Technology I (T). (2-0-3)

An introductory course in metrology and material cutting and forming with metallurgical considerations of heat treatment, fabrication and material properties.

*Part A:* The theory of measurement; basic instruments and their uses, accuracy and limitations; inspection methods, machine testing, surface-finish assessment.

The mechanics of orthogonal metal-cutting; friction; wear and lubrication, tool-life, machine-ability comparisons, introduction to oblique cutting, up-cut and down-cut milling and grinding.

Automatic and semi-automatic lathes; standard time data; economics of machining.

The theory and practice of press-forming of metals: blanking, drawing, re-drawing; progressive dies.

*Part B:* The metallurgy of heat-treatment of metals and alloys; annealing, normalizing, quenching, tempering, isothermal treatment age-hardening and mal-leabilising; surface hardening processes; development of special properties of metals and alloys for industrial use.

Metallurgical aspects of the joining of metals and alloys by welding, brazing and soldering.

Metallurgy of melting and casting: defect control, property optimisation through structure control; factors affecting the design of castings; metallurgy of powder processes; comparative treatment of available materials.

## Text-books:

- Puttock, M. J., *Notes on engineering metrology* (William Brooks).  
 Cook, N. H., *Manufacturing analysis* (Addison Wesley).  
 Grossman, M. A., and Bains, E. C., *Principles of heat treatment*, 5th edition (Chapman and Hall).

## A General Studies Elective.

For syllabuses see page 1039.

## THIRD YEAR

## TM13. Mathematics IIC.

For syllabus see Subject Index.

## TK33. Thermo-Fluid Dynamics II. (2-12-32)

An advanced course in applied thermodynamics and fluid dynamics establishing design capabilities in these topics.

Fluid dynamics: potential flow theory, stream function, velocity potential, circulation, vorticity, flow nets; continuity, energy and momentum equations, real fluid flow, turbulence, mixing length, incompressible duct flow, Moody chart; flow over bodies, lift, boundary layer, separation, friction, pressure and induced drag; compressible flow, nozzles, normal shock, frictional isothermal, frictional adiabatic, measurement; compressibility effects on lift and drag; cavitation; fluid hammer.

Heat transfer: conduction, lumped and distributed systems, transients, heat generation; convection, thermal boundary layer, forced, Reynold analogy, natural, empirical relationships; condensing heat transfer: pool boiling heat transfer; heat exchangers, effectiveness, extended surface, overall coefficients, pressure losses:



radiation, absorptivity, emissivity, reflectivity, transmissivity, view factors, multiple surface interchange, transparent media, gas radiation, luminous flames, combined coefficients.

Reactive mixtures: combustion, thermodynamic laws, adiabatic flame temperature, properties, dissociation actual processes.

Mass transfer: modes, coefficients, coupled heat transfer.

Fluid turbomachinery: Similarity, incompressible flow parameters, compressible flow parameters, performance design concepts.

Text-books:

Pao, R. H. F., *Fluid mechanics* (Wiley) .

Holman, J. P., *Heat transfer*, 2nd edition (McGraw-Hill).

Knudsen, J. G., and Katz, D. L., *Fluid dynamics and heat transfer* (McGraw-Hill).

### TK03. Engineering Mechanics III. (1-1-0)

A continuation course in Dynamics covering mechanical vibration, automatic control and analogue techniques.

Analogue principles, distributed and lumped systems, mathematical models, analogies; simultaneous ordinary differential equations, introduction to non-linear differential equations. Mechanical vibration with two degrees of freedom, natural frequency determination. Torsional vibration of shaft systems, critical speeds, shaft whirl; vibration of distributed systems; coupling.

Automatic control, open and closed loops, continuous and on-off feedback principles, time delays, relative power levels, limiting performance specifications, block diagrams, transfer functions, stability criteria, graphical displays, compensation. Analogue computation, flow diagrams, magnitude and time scaling for solution of ordinary differential equations, basic computer functions and circuits, solution of partial differential equations and algebraic equations.

### TK23. Mechanical Design II. (1-1-0)

A continuation subject in the design of machine elements and systems. Practical work in the design and drawing of machines, including the tolerance of Geometry.

Geometric tolerances; position tolerances for pinned assemblies; involute gear geometry; design of brittle materials; impact loading; contact stresses; extreme temperatures; interference fits; structural elements; connecting rods; crankshafts; springs; cams; power screws; flat plates; pressure vessels, piping; brakes and clutches; plain bearings; spur, helical and planetary transmission units.

Text-books:

As for Mechanical Design I.

### TK13. Production Technology II (T). (2-11-3<sup>2</sup>)

A continuation course on the engineering aspects of material cutting and forming with metallurgical consideration of materials testing and selection.

*Part A:* The mechanics, practices and economics of material deformation processes, plain strain deformation, slipline field analysis, friction, lubrication, basic processes, tube bending. The mechanics and practices of milling, grinding, vibrations in material cutting.

Development: in metal working processes.

*Part B:* Non-destructive testing; sheet metal drawability testing, anisotropy effects in materials, comparative treatment of pressing materials.

Metallurgy of creep, fatigue, brittle fracture and survey of properties of relevant materials.

Corrosion, oxidation and surface treatment.

Properties and formability of plastic and composite materials under stress, temperature, age, exposure to light and chemical attack.

The selecting of engineering materials and specification of treatment to meet specified property requirements.

### TK93. Mechanical Engineering Projects. (0-0-6)

Design and experimental investigations of topics related to the whole Mechanical Engineering course content, normally involving literature search, analysis, creative design, planning co-ordination of manufacturing facilities, budget control, and experimentation, with seminars and written reporting.

**TK83. Electrical and Civil Engineering S.** (3-0-2)

*Part A:* D.C. circuit response, simple non-linear circuits, practical measurement circuits. Magnetic properties of materials, magnetic circuit analysis, electro-magnetic components. A.C. circuit analysis, power factor correction, regulation, three-phase systems transformers. Transient response of linear circuits, switching, control circuits. Characteristics and applications of common transducer elements, photo-electric cells, thermo-couples, associated solid state and vacuum tube amplifiers. Characteristics, starting and control of common D.C. and A.C. machines. Electrical installations, switchboard and protection requirements, three-phase power measurement. An introduction to electro-mechanical control systems.

*Part B:* Elementary surveying instruments and methods, their application and limitations. Design and control of concrete mixes, elementary design of reinforced concrete beams, columns and footings. Physical properties of soils, exploration methods, design of foundations for static and dynamic loads.

**A General Studies Elective.**

For syllabuses see page 1039.

**BACHELOR OF APPLIED SCIENCE (APPLIED CHEMISTRY).****NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.****TP01. Applied Physics I.**

For syllabuses see Subject Index.

**TH01. Chemistry I (T).** (3-1-3)

Theoretical and physical chemistry; properties of the solid and liquid state; chemical equilibrium; chemical thermodynamics; chemical kinetics; redox reactions and electro-chemical cells; surface chemistry; diffusion.

Inorganic chemistry; crystal field and ligand field theories of bonding; non-aqueous solvents; radiochemistry; co-ordination chemistry; acid-base theory.

Organic chemistry: A study of functional groups in aromatic and aliphatic compounds.

## Text-books:

Mahan, B. H., *University chemistry* (Addison-Wesley, 1965); or

Lee, J. D., *Concise inorganic chemistry* (Van-Nostrand).

Bezzant, R. J., *Basic organic chemistry* (McGraw-Hill).

Tedder, J. M., and Nechvatal, A., *Basic organic chemistry* (Wiley, 1966).

**TH91. Basic Science Techniques.** (11-31-32)

An introductory course in the preparation of reports; the use of the library; study techniques; elementary engineering drawing; laboratory techniques; workshop practice.

## Text-book:

McCarron Bird Pty. Ltd., *The reading of technical drawings* (Department of Labour and National Service).

**TT81. Engineering Materials A.** (1-0-3<sup>1</sup>)

The properties and principles underlying the fabrication, testing, and use of metallic and non-metallic materials in the chemical industry.

Text-books:

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley), or  
Jastrzebski, Z. D., *Nature and properties of engineering materials* (Wiley).

**A General Studies Elective.**

For syllabuses see page 1039.

## SECOND YEAR

**TH02. Chemistry II (T), Physical.** (2-1-3)

Thermodynamics; statistical thermodynamics; chemical kinetics; surface chemistry; atomic and molecular spectra; semi-conductors; solution chemistry.

**TH12. Chemistry II (T), Organic.** (2-0-3)

Theoretical organic chemistry with particular reference to structural chemistry and its effects on organic reactivity. Preparation, properties and reactions of aromatic compounds.

Text-books:

Morrison, R. T., and Boyd, R. N., *Organic chemistry*, 2nd edition (Allyn and Bacon).

Cram, D. J., and Hammond, G. S., *Organic chemistry*, 2nd edition (McGraw-Hill).

Reference books:

**TH22. Applied Chemistry I.** (2-2-0)

Mass and energy balances; thermodynamics; chemical processes; introductory chemical engineering operations; plant visits.

Text-books:

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, vol. 1 (Wiley).

Smith, J. M., and Van Ness, H. C., *Chemical engineering thermodynamics* (McGraw-Hill).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill).

Shreve, R. N., *Chemical process industries*, 3rd edition (McGraw-Hill).

**TM12. Mathematics IIB.**

For syllabus see Subject Index.

**TH92. Engineering Service.** (1-0-2)

**Part A:** An elementary introduction to mechanical design with material selected from the following topics: Stress and strain concepts; design philosophy; factors of safety; permissible stresses; section properties; design codes; members in tension, compression, bearing, shear and bending; theories of elastic and fatigue failure; code design of pipes and fittings; dimensioning for size and surface roughness; standard fits; tolerances in assemblies.

**Part B:** Alternating quantities; use of CRO; A.C. circuits; concept and measurement of phase angle; phasor diagrams; A.C. measurements; power factor correction. Transformers. 3-phase systems; power measurement. Characteristics and uses of common D.C. and A.C. machines; non-linear conductors; diodes; A.C. to D.C. conversion triode and transistor characteristics and uses; D.C. bridge and potentiometer circuits. Transducers: electrical control circuits.

**TT52. Fluid and Particle Dynamics.** (1-0-3<sup>1</sup>)

A study of fluid and particulate dynamics leading to and including an introductory course on solid-liquid and solid-separation processes.

Text-book:

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering*, 2nd edition (McGraw-Hill).

**A General Studies Elective.**

For syllabuses see page 1039.

**THIRD YEAR****TH23. Applied Chemistry II.** (2-1-4)

An advanced treatment of selected topics in applied chemistry; application of computers to problems in these areas; presentation of seminars by students; practical projects.

**TH53. Chemical Process Kinetics.** (1-2-0)

The analysis of kinetic data and its application to the design and operation of chemical reactors.

Text-book:

Levenspiel, O., *Chemical reaction engineering* (Wiley).

**TH63. Chemical Instrumentation.** (2-0-3<sup>2</sup>)

Theory of instrumental techniques in modern analytical chemistry; application of analytical instruments in chemical plant control; measurement of representative process parameters.

**TH83. Process Dynamics and Control.** (1-1-3)

Theory of automatic control as applied in the chemical process industries; dynamic behaviour of process equipment, controllers and controlled systems. Methods of system analysis. Stimulation; computer techniques in control; dynamic optimization; non-linear systems.

Text-books:

Harriott, P., *Process control* (McGraw-Hill).

Coughanowr, D. R., and Koppel, L. B., *Process systems analysis and control* (McGraw-Hill).

**TH73. Transfer Operations.** (2-1-3)

Heat, mass and momentum transfer as encountered in the chemical industry. General principles of countercurrent operation of stagewise and differential contact processes. Separation processes including leaching, distillation, gas absorption, liquid-liquid extraction, evaporation, crystallization, drying.

Text-books:

Foust, A. S., *Principles of unit operations* (Wiley).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering*, 2nd edition (McGraw-Hill).

**A General Studies Elective.**

For syllabuses see page 1039.

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## BACHELOR OF APPLIED SCIENCE (APPLIED PHYSICS).

## NEW COURSE.

## FIRST YEAR

TM01. Mathematics IA.

TP01. Applied Physics I.

TH01. Chemistry I (T).

TK81. Basic Engineering Techniques.

For syllabuses see Subject Index.

A General Studies Elective.

For syllabuses see page 1039.

## SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TP02. Applied Physics II. (4-1-5)

A course of four lectures, one tutorial and one 5 hours laboratory per week for one year. The course will provide a theoretical and experimental basis for later specialised studies and an introduction to a number of topics in Applied Physics. It contains the following topics:

*Electricity and magnetism:* Fields, electromagnetic wave propagation and transmission, ionospheric physics.

*Electron physics:* Atomic spectra, electrons and ions in vacuum, in gases and in solids, introductory semiconductor physics.

*Solid state:* The properties and theory of perfect and imperfect crystalline materials.

*Sonics:* The production propagation properties and applications of sound waves of different frequencies.

*Applied Optics:* The theory and applications of interference and diffraction. Image forming systems, photography, spectroscopy.

*Heat:* Equations of state, random phenomena, heat transfer.

TM82. Mechanics I (T). (11-11-0)

A course of 12 lectures and 12 tutorials. This course is designed to acquaint students of physics with the mathematical methods used in classical mechanics. Emphasis is given to the mathematical treatment of: radial and transverse acceleration, projectiles in a resisting medium, the variation of  $g$ , linear and rotational dynamics, introductory Lagrangian methods, the forced damped harmonic oscillator and coupled oscillations.

Text-book:

Stephenson, R. J., *Mechanics and properties of matter*, 2nd edition (Wiley).

TE92. Electrical Engineering SP(T). (1-0-2)

D.C. circuit analysis; non-linear conductors; applications to measurement and control systems. A.C. circuit analysis; phasor diagrams; voltage regulation; maximum power transfer; phase shift circuits; power factor correction; 3 phase systems. Magnetic circuits; relays and related magnetic devices. Transient circuit analysis. Transformers; magnetic amplifiers; common A.C. & D.C. machines. Transducers and uses. Analogue methods and analogue computation.

**TL92. Electronics (T).** (2-0-2)

Measuring instruments, multimeter, VTVM and oscilloscope; rectification, filtering and regulation as applied to power supplies; thyratrons; silicon controlled rectifiers; vacuum-tube, transistor and field-effect transistor amplifiers; modes of connection; biasing methods; graphical analysis; equivalent circuits; frequency response; multi-stage amplifiers; power amplifiers; difference amplifiers; band pass amplifiers; feedback amplifiers; operational amplifiers; oscillators; ultrasonics; servo amplifiers; regulated power supplies; simple amplitude, frequency and phase modulation; time division and frequency division multiplexing; linear and non-linear wave shaping; logic gates; inverters; multivibrators; counting, scalars, timing circuits, A/D and D/A converters, elements of a digital computer; storage devices; magnetic recording.

Text-book:

Malmstadt, E. V., and others, *Electronics for scientists* (Benjamin).

**A General Studies Elective.**

For syllabuses see page 1039.

**THIRD YEAR****TM03. Mathematics IIIA.** (1-1-0)

A course of one-hour lecture and one-hour tutorial per week for one year.

The series solution of ordinary differential equations; the methods of Frobenius and Picard; the Bessel, Legendre, Laguerre, Hermite and Chebycheff Polynomials; the spherical and Tesseral Harmonics. The general and series solution of partial differential equations. The theory of the complex variable; function, limit, continuity, derivative, Cauchy-Riemann equations, analytic functions, sequences and series, line integral in the complex plane, residues and the evaluation of real line integrals, mapping.

**TP03. Applied Physics III.** (5-1-10)

A course of five lectures, one tutorial and 10 hours work per week for one year. The course deals with the basic physics of some specialised topics and additional areas of applied physics.

Solid State: Transport properties of solids and the effects of electric and magnetic fields. Quantum properties of solids.

Nuclear Physics: Nuclear structure and reactions. Introductory reactor physics. Structure Analysis: The uses of X-rays, electrons and neutrons in the determination of composition and structure.

Geophysics: Application of physical methods to problems concerned with the earth and its atmosphere.

Elements of Quantum Mechanics: The application of the Schrodinger equation. The physics of non-destructive testing.

Text-book:

Hutchison, T. S., and Baird, D. C., *The physics of engineering solids* (Wiley).

*Either*

**TT93. Metallurgy for Physicists.** (2<sup>2</sup>-0-3<sup>2</sup>)

A course of two hours lectures and three hours practical per week for two terms, concerned with the following topics:

A qualitative treatment of the application of crystal defect theory to analysis of the yielding, work hardening, fatigue, creep and fracture of metal single and polycrystals; an introduction to phase transformations in metals and alloys in terms of the processes of nucleation and growth; solidification, recrystallisation, tions. Laboratory work to illustrate the subject matter of the lectures.

Text-book:

Smallman, R. F., *Modern physical metallurgy* (Butterworth).

*and***TM93. Programming Project.** (0-11-31)

A problem involving the application of computer techniques applied to practical physics will be set and supervised jointly by the Schools of Mathematics and Physics in the tutorial and practical periods allotted.

*and***TP93. Control Studies.** (1<sup>2</sup>-0-2<sup>2</sup>)

A course of one hour of lecture and two hours of laboratory work per week for two terms, to introduce the students to the field of automatic control and to the use of analogue computation, and covering the following topics:

Open loop and closed loop systems, steady state and transient response, performance requirements; control system components, including potentiometers, synchros, servomotors; analysis of response in the time and in the frequency domains and their correlation; analogies, simulation and introduction to analogue computation.

*Or***SZ71. Biology.**

For syllabus see Subject Index.

**A General Studies Elective.**

For syllabuses see page 1039.

**BACHELOR OF APPLIED SCIENCE (PRIMARY METALLURGY).****NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.****TP01. Applied Physics I.****TH01. Chemistry I (T).**

For syllabuses see Subject Index.

**TT71. Basic Science Techniques (M).** (1<sup>2</sup>-2<sup>2</sup>-3)

Elementary practical courses in engineering design and workshop practice. Lectures, tutorials and practicals concerned with an introduction to metallurgical laboratory techniques, including microscopy, metallography photography, and mechanical, magnetic, thermal and radiation testing of metals. A short course of lectures and tutorial classes concerned with the elementary principles of crystallography and the use of the stereographic projection.

**Text-books:**

Kehl, G. L., *The principles of metallographic laboratory practice* (McGraw-Hill).

McCarron Bird Pty. Ltd., *The reading of technical drawings* (Department of Labour and National Service).

**TT91. Materials Science (T). (2-0-0)**

The course covers the following topics: Materials selection. Introduction to mechanical testing; atomic bonding; Atomic arrangements: molecular structures, crystal structures, non-crystalline (amorphous) structures. Structural imperfections and atom movements: impure phases, crystal imperfections, atom movements. Metallic phases and their properties: single phase metals, multi-phase metals and equilibrium relationships. Organic materials and their properties: polymer chemistry, molecular architecture, polymer manufacture, modifying properties polymer fibres, surface coatings, survey of properties. Ceramic phases and their properties. Deformation of single crystals: slip, twinning, dislocations, strain fields. Iron-carbon system. Modifications of properties through changes in micro-structure: heat treatment of steel, alloy steels. Further mechanical properties: toughness, fatigue, creep. Stability of materials in service environment: corrosion, oxidation, thermal stability, radiation damage. Composite materials. Fabrication. Nuclear metallurgy. Information services.

Text-book:

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

**A General Studies Elective.**

For syllabuses see page 1039.

**SECOND YEAR****TM12. Mathematics IIB.****TH02. Chemistry II (T), Physical.****TT52. Fluid and Particle Dynamics.**

For syllabuses see Subject Index.

**TT62. Applied Mineralogy. (1-0-3<sup>2</sup>)**

A course of lectures especially designed to relate mineralogy to primary metallurgy, covering the following topics: geochemistry of the Earth; mineralogy; igneous, sedimentary and metamorphic rocks and minerals; mineral textures and intergrowths; mineral deposits; laboratory techniques of separation and identification of minerals; isomorphism, polymorphism, solid solution, exsolution; special mineralogical problems in metallurgy; brief study of concentrates and beach sands; elementary ore microscopy.

Text-books:

Berry, L. G., and Mason, *Mineralogy* (Freeman).

Bateman, A. M., *Economic mineral deposits* (Wiley).

**TT72. Extractive Metallurgy IB. (1-0-3<sup>1</sup>)**

A course of lectures and work visits devoted to consideration of industrial practices.

Text-book:

Gilchrist, J. D., *Extractive metallurgy* (Pergamon).

**TT92. Industrial Metallurgy IA. (1-0-3<sup>1</sup>)**

An abbreviated version of Industrial Metallurgy I devoted to consideration of the uses of refractories and fuels and the machinery and techniques of commercial metal fabrication processes of particular interest to the Primary Metallurgist.

Text-books:

As for Industrial Metallurgy I.

**TH92. Engineering Service.**

For syllabus see Subject Index.



## A General Studies Elective.

For syllabuses see page 1039.

## THIRD YEAR

## TT63. Mineral Processing A. (2-1-3)

A study of the theory of comminution, the chemistry of flotation and the theory of separation processes leading to the design of integrated mineral separation processes.

## Text-books:

As for Mineral Processing.

## TT73. Extractive Metallurgy II. (2-1-3)

## Pre-requisite subjects:

Extractive Metallurgy IB, Physical Chemistry IIT.

A study of the application of thermodynamics to extractive metallurgical processes, and a course of lectures, based on thermodynamics and kinetics, in extractive metallurgy process design.

## Text-books:

Newton, J., *Extractive metallurgy* (Wiley).

Bodsworth, C., *Physical chemistry of iron and steel manufacture* (Longmans).

Bodsworth, C., and Appleton A. S., *Problems in applied thermodynamics* (Longmans).

## TH73. Transfer Operations.

## TH83. Process Dynamics and Control.

For syllabuses see Subject Index.

TT83. Metallography IA. (0-2<sup>1</sup>-3<sup>1</sup>)

Pre-requisite subjects: As for Metallography I and Physical Chemistry IIT.

An abbreviated version of Metallography II devoted to consideration of techniques and equipment of materials, observation and analysis of particular interest to the primary metallurgist.

## A General Studies Elective.

For syllabuses see page 1039.

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BACHELOR OF APPLIED SCIENCE (SECONDARY  
METALLURGY).

NEW COURSE.

FIRST YEAR

TM01. Mathematics IA.

TP01. Applied Physics I.

TH01. Chemistry I (T).

TT71. Basic Science Techniques (M).

TT91. Materials Science (T).

For syllabuses see Subject Index.

A General Studies Elective.

For syllabuses see page 1039.

SECOND YEAR

TM12. Mathematics IIB.

For syllabus see Subject Index.

TH82. Chemistry II (T), Physical (Part Course) (2<sup>2</sup>-1<sup>2</sup>-6<sup>1</sup>)

Thermodynamics; statistical thermodynamics; surface chemistry; chemical kinetics.

TT02. Physical Metallurgy IA. (2-1-3)

Pre-requisite subjects: Basic Science Techniques Materials Science T, Applied Physics I.

A course of lectures and tutorials devoted to consideration of the characteristics and properties of pure metals, the principles of alloying, and the features of metallic phase diagrams. Non-equilibrium alloy structures. The fundamentals of crystallography and crystal defect theory, the application of diffraction phenomena to the study of these fundamentals. Practical classes to illustrate the content of the lecture course, and drawing office work to establish the fundamentals of crystallography.

Text-books:

Barrett, C., and Massalski, T. B., *Structure of Metals*, 3rd edition (McGraw-Hill).

Reed-Hill, R. E., *Physical metallurgy principles* (Van Nostrand).

TT22. Industrial Metallurgy I. (2-0-3<sup>2</sup>)

Pre-requisite subjects: Applied Physics I, Materials Science T.

A course of lectures and tutorial periods devoted to the consideration of the uses of refractories and fuels in the metallurgical and engineering industries and a review of the machinery and techniques of commercial metal fabrication processes. Practical classes and works visits, to illustrate the content of the lecture course.

Text-books:

Gilchrist, J. D., *Fuels and refractories* (Pergamon).

Grossmann, M.A., and Bain, E. C., *Principles of heat treatment*, 5th edition (Chapman and Hall).

**TT12. Metallography I.** (1<sup>2</sup>-1<sup>2</sup>-3<sup>2</sup>)

Pre-requisite subjects: Materials Science T, Basic Science Techniques, Applied Physics I.

A course of lectures, tutorials and practical sessions to introduce the student to modern techniques and equipment of materials preparation, treatment and property measurement.

Preparation of high purity metals and alloys—zone refining, levitation melting. Production of metal single crystals, strain/anneal techniques, Bridgman techniques. Modern methods of the experimental heat treatment and working of metals—use of high vacua, controlled atmospheres, quenching techniques.

Methods of measurement of the thermal, electrical, magnetic and mechanical properties of single and polycrystalline metals and alloys. Application of these measurements to the study of structural changes in metallic system.

**TK92. Mechanical Design S.**

For syllabus see Subject Index.

**A General Studies Elective.**

For syllabuses see page 1039.

## THIRD YEAR

**TT03. Physical Metallurgy IIA.** (4-2-3)

Pre-requisite subjects: Physical Metallurgy IA, Metallurgy I (Physical Chemistry IIT).

A course of lectures and tutorials devoted to the following topics. Introduction to modern alloy theory and its application. Classical and statistical thermodynamic analysis of solid and liquid metallic solutions. Detailed consideration of work hardening, fatigue, creep and fracture of metals in terms of crystal defect theory. Alloy phase transformations. Corrosion and oxidation of metals.

Practical classes to illustrate the content of the lecture course.

Text-books:

Azaroff, L. V., *Introduction to solids* (McGraw-Hill).

Burke, J., *The kinetics of phase transformations in metals* (Pergamon).

Bodsworth, C., and Appleton, A. S., *Problems in applied thermodynamics* (Longmans Green).

McLean, D., *Mechanical properties of metals* (Wiley).

**TT23. Industrial Metallurgy II.** (4-1-5)

Pre-requisite subjects: Physical Metallurgy IA, Industrial Metallurgy I, Metallography I.

A course of lectures and tutorials covering the following topics: The casting of metals. Introduction to theory and practice of commercial metal fabrication processes. Practical metallurgical aspects of deformation and failure. Defects in metals, testing. Quality control. The selection of materials. Practical classes and works visits to illustrate the content of the lecture course.

Text-books:

Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill).

Rowe, G. W., *An introduction to the principles of metal-working* (Edward Arnold).

Flinn, R. A., *Fundamentals of metal casting* (Addison-Wesley).

Uhlig, H. H., *Corrosion and corrosion control* (Wiley).

**TT72. Extractive Metallurgy IB.**

For syllabus see Subject Index.

**TT13. Metallography II.** (0-2<sup>1</sup>-3<sup>2</sup>)

A course of lectures, tutorials and practical sessions to introduce the student to modern techniques and equipment of materials observation and analysis. The observation and analysis of materials by modern penetrative radiation techniques. X-ray diffractometry and radiography, thin foil transmission, replica and scanning techniques of electron microscopy, electron beam microanalysis and field ion emission microscopy of metals, alloys and non-metallic materials.

**TE63. Electrical Engineering SK(T).** (1<sup>2</sup>-0-2<sup>2</sup>)

Pre-requisite subjects: Materials Science I, Basic Science Techniques M, Applied Physics I, Physical Chemistry IIT.

Alternating quantities; use of C.R.O.; A.C. circuits; concept and measurement of phase angle; phasor diagrams; A.C. measurements; power factor correction. Transformers. 3-phase systems; power measurements. Characteristics and uses of common A.C. and D.C. machines. Non-linear conductors; diodes; A.C.-D.C. conversion; triode and transistor characteristics and uses. D.C. bridges and potentiometer circuits: Transducers: Electrical control circuits.

**A General Studies Elective.**

For syllabuses see page 1039.

## BACHELOR OF APPLIED SCIENCE (MINERAL ENGINEERING).

**NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.****TP01. Applied Physics I.****TH81. Engineering Chemistry and Materials.****TK01. Engineering Mechanics I.****TK91. Engineering Drawing.****TK71. Basic Engineering Techniques (Part Course).**

For syllabuses see Subject Index.

**A General Studies Elective.**

For syllabuses see page 1039.

**SECOND YEAR****TM12. Mathematics IIB.****TK02. Engineering Mechanics II.****TK82. Thermo-Fluid Dynamics I.****TN12. Applied Geology I.**

For syllabuses see Subject Index.

**TC52. Civil Engineering S(T).** (2<sup>2</sup> 1<sup>1</sup>—1<sup>1</sup>—3<sup>1</sup> 2<sup>1</sup>)

Physical properties of soils and their measurements. Applications to simple retaining wall and foundation problems. Site exploration and soil sampling. Field testing. Classification.

Properties of cement and concrete materials, design of mixes, quality control, elastic properties of concrete.

Reinforced and pre-stressed concrete beams, footings, retaining walls, slabs. Introduction to ultimate design.

Text-book:

Terzachi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

**A General Studies Elective.**

For syllabuses see page 1039.

**THIRD YEAR****TM13. Mathematics IIC.****TK22. Mechanical Design I.****TE72. Electrical Engineering SC(T).**

For syllabus see Subject Index.

**TN13. Applied Geology II.** (3-0-4)

Mineralogy, including ore microscopy, of the more common rock forming minerals and ore minerals. Petrology: constitution, origin, occurrence of the main types of rocks; internal features affecting use as engineering materials. Stratigraphy: classification, correlation. Structure: bedding planes, joints, faults, folds, schistosity, massive rocks; relation of structure to strength. Geologic processes: erosion, weathering, supergene alteration. Mineral deposits: natural fuels; metallic and non-metallic deposits, nature, origin, composition, character, distribution. Mineral Exploration: geological and geophysical prospecting, mapping, application of photogrammetry. Engineering geology: influence of rock types and structures on cuttings, tunnels, excavations; foundations for buildings, dams, roads; reservoirs; water supply; flooding, scouring, silting. Field trips.

Text-books:

Dana, J. D., *Manual of mineralogy* (Wiley).

Hills, E. S., *Elements of structural geology* (Methuen).

Bayly, B., *Introduction to petrology* (Prentice-Hall).

Bateman, A. M., *Economic mineral deposits* (Wiley).

Leggett, R. F., *Geology and engineering, 2nd edition* (McGraw-Hill).

**TN83. Mineral Engineering A.** (3-0-4)

Rock mechanics: stresses in rocks, elastic properties, behaviour beyond the elastic limit; stresses around excavations; stress waves resulting from rock failure.

Soil mechanics: plastic states, consolidation, effective stress theories, stress distribution, settlement, seepage; application to mine filling, stability of earth dams, mine excavations.

Theory of rock breaking, strata control; blasting theory; subsidence and its control; design of mine openings, support.

Mine transportation and hoisting; roads, pavement design, tracks, conveyors, cableways, chutes, haulages; winding systems, ropes, power and velocity calculations, vibrations.

Mine surveying: construction, use and adjustment to instruments including level, theodolite, tachometer; computations, setting out; errors and their adjustment; plotting.

## Text-books:

- Lewis, R. S., and Clark, G. B., *Elements of mining*, 3rd edition (Wiley).  
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).  
 Isaacson, E. de St.Q., *Rock pressure in mines* (Mining Publications).

**TN73. Mineral Engineering B. (22 1<sup>1</sup>-1-31)**

Methods of working stratified and unstratified deposits; alluvial, open cast and underground metal mines, petroleum reservoirs; mine design, planning, layout, scheduling.

Shaft sinking and tunnelling: selection of site, shape, optimum size; sinking, driving; lining, equipping.

Mine ventilation; environmental conditions, air flow and heat transfer; fan efficiencies, tests, selection; measurements; cooling.

Generation transmission, use of power in mines; diesel, electric, hydraulic and compressed air power.

Preparation of minerals: mineral separation; crushing, screening; grinding; classification, filtering; concentration processes; disposal of products, flow sheets; plan layout.

Prospecting; sampling, testing, evaluation. Mine economics; cost of mining, mine valuation. Organisation. Management. Seminar.

## Text-books:

- Hartman, H. L., *Mine ventilation and air conditioning* (Ronald).  
 Woodruff, S., *Methods of working coal and metal mines*, vols. I and III (Pergamon).  
*Symposium on shaft sinking and tunnelling* (Institution of Mining Engineers).  
 Truscott, S. J., *Mine economics* (Mining Publications).

**A General Studies Elective.**

For syllabuses see page 1039.

**BACHELOR OF APPLIED SCIENCE (DATA PROCESSING).****NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.****TP01. Applied Physics I.**

For syllabuses see Subject Index.

**TM21. Programming I. (2-0-1)**

Programming languages; Fortran; an introduction to Algol and an introduction to assembly language. Fundamentals of computers; history of computing, input-output devices, storage devices, number systems. Flow charting. Projects to be coded in Fortran.

## Text-books:

- Golden, J. T., *Fortran IV programming and computing* (Prentice-Hall).  
 CDC 6400/6500/6600 *Fortran reference manual* (Control Data Corporation, Publication No. 60146600A).

**TA81. Accounting I.** (2-1-1)

The nature and development of accounting. Functions of accounting reports as an aid to management. Profit determination and balance sheet preparation. The accounting period, measurement of revenue and expense, valuation of assets. Preparation of funds statement. Recording and control over cash, debtors, creditors, stocks, fixed assets, proprietorship, revenue and expenses. Cash budgets for management control. Effects on the design and operation of the system of ownership, activity, and functional division. Conventional accounting reports—inherent assumptions and limitations. Auditing—to verify financial reports and as a management control technique.

## Text-books:

Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—a direct approach* (Cheshire).  
Mathews, R. L., *Accounting for economists* (Cheshire).

**A General Studies Elective.**

For syllabuses see page 1039.

## SECOND YEAR

**TM02. Mathematics IIA.**

For syllabus see Subject Index.

**TM22. Programming II.** (2-1-3)

The course, comprising two hours lectures, one hour tutorial and three hours practical per week, will cover the following topics:

Advanced Fortran: masking, variable format, encode, decode, program segmentation. Assembly language programming: subroutine linkage, macro instructions, the development of input-output systems, functions of a monitor, time sharing. Cobol—a comprehensive introduction. Logical design, electronic components, wave shaping logical operations. Project work in Fortran, Cobol and assembly language.

## Text-books:

Appropriate Fortran, Cobol and assembly language reference manuals.  
Hassit, A., *Computer programming and computed systems*.

**TM92. Statistics.****TA92. Economics (T).**

For syllabuses see Subject Index.

**TU92. Administration.** (2-1-0)

The course comprises two hours lectures and one hour tutorial per week.

The business organisation—its nature and structure. Human behaviour in organisation, characteristics of organisation, group communications, motivation and work interest. Role of supervisor, leadership handling, personnel problems, maintaining discipline. Organisation of office work, office work flow and layout, physical conditions, office services, machines and equipment; scheduling office work, standards of quality and office work measurement. Production planning and control, purchasing and storekeeping systems and basic office procedures. Organisation and control of a computer department.

**A General Studies Elective.**

For syllabuses see page 1039.

## THIRD YEAR

**TM73. Systems Analysis.** (2-1-0)

The course comprises two hours lectures and one hour tutorial.

The nature of systems; management systems and organisation charts; scientific method, problem solving and decision-making; control systems. Preparing a project programme, data collection and analysis—document analysis forms, file analysis forms, work distribution charts, block diagrams, process flow charting, forms design, and layout charts. Development of improved methods, machine feasibility studies, implementation of a system, critical path method and scheduling an installation, its storage and preparation.

**TM23. Programming III.** (2-1-3)

Pre-requisite subject: Programming II.

Advanced Cobol. Theory of programming languages and its application to the construction of computers; the function of monitors; a study of a special purpose programming language; use of various software packages. Data processing techniques. Elements of analogue computers, analogue-digital links, symbolic logic. Lectures by specialist lecturers. Project work, seminars.

**TM33. Numerical Mathematics.** (3-1-2)

The course involves three hours lectures, one hour tutorial and two hours' practical work per week, and a selection of the following topics will be covered:

Solution of algebraic and transcendental equations.

Solution of linear systems, matrix inversion and algebraic eigenvalue problems.

Interpolation, numerical quadrature and differentiation.

Difference and differential equations and simple integral equations.

Use of analytic approximations.

**TM63. Operations Research I.** (3-1-0)

A knowledge of sections 1, 2 and 4 from Mathematics IIA is assumed, as is a familiarity with elementary probability concepts. Linear programming; the simplex method, duality, parametric programming, transportation and assignment problems; Critical path methods. Queueing theory—steady state results. Simulation. Game theory; maximax principle. Network flow. Dynamic programming.

Text-books:

Ruiz-Pala, E., and others, *Waiting-line models* (Reinhold).

Llewellyn, R. W., *Linear programming* (Holt).

Lockyer, K. C., *An introduction to critical path analysis* (Pitman).

**A General Studies Elective.**

For syllabuses see page 1039.



## DEGREE OF BACHELOR OF PHARMACY

## FIRST YEAR

TM91. Mathematics IB.

TP01. Applied Physics I.

TH01. Chemistry I (T).

SZ71. Biology.

For syllabuses see Subject Index.

A General Studies Elective.

For syllabuses see page 1039.

## SECOND YEAR

TH72. Chemistry IIA (T), Organic (2½–0–4½)

Theoretical organic chemistry with particular reference to structural chemistry and its effect on organic reactivity. Preparation, properties and reactions of heterocyclic compounds and aromatic compounds. An introduction to natural products.

Text-books:

Morrison, R. T., and Boyd, R. N., *Organic chemistry*, 2nd edition (Allyn and Bacon).Cram, D. J., and Hammond, G. S., *Organic chemistry*, 2nd edition (McGraw-Hill).TF02. Pharmaceutical Chemistry I. (3<sup>2</sup> 4<sup>1</sup>–0–6<sup>2</sup> 5<sup>1</sup>)

Pre-requisite subjects: Chemistry I, General Physics, General Mathematics, Biology. Candidates who have not completed Pharmaceutics I must take it concurrently with Pharmaceutical Chemistry I.

The systematic study of inorganic compounds of medicinal importance, the quantitative analysis of these substances using acid/base titrations, oxidation/reduction reactions, complexometric titrations and precipitation reactions; the detection of impurities in these substances.

Introduction to thermodynamics, thermochemistry, electrochemistry; reaction kinetics: – rates and orders of reactions, the influence of factors such as temperature and pH on reaction rates; catalysis: – enzymes, rate study.

Sugars, polysaccharides, lipids, proteins, purines, pyrimidines, nucleotides and nucleic acids, biological oxidations, preservation and transfer of energy, energy-yielding metabolic pathways, biosynthetic pathways.

The macroscopy and microscopy of selected drugs and the performance of chemical and micro-chemical tests on these drugs.

*Practical work:*

Six hours a week for two terms and five hours a week for one term.

The quantitative analysis of selected inorganic and organic substances of the British Pharmacopoeia, the limit tests of the British Pharmacopoeia.

Text-books:

Connors, K. A., *Text book of pharmaceutical analysis* (Wiley), orVogel, A. I., *A text book of quantitative inorganic analysis* (Longmans).Maron, S. H., and Prutton, C. F., *Principles of physical chemistry* (Macmillan), orMoore, W. J., *Physical chemistry* (Longmans).West, E. S., and Todd, W. R., *A text book of biochemistry* (Macmillan), orConn, E. E., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).Reithel, F. J., *Concepts in biochemistry* (McGraw-Hill).

## TF12. Pharmaceutics I.

(4<sup>2</sup> 31-0-6)

Dosage forms and routes of administration. Surface active agents. Solubilization and emulsification. Rheology of Newtonian and non-Newtonian systems. Adsorption. Stability of pharmaceutical preparations. Extraction formulation and presentation of natural products.

Microbiology: Shape and morphology of the bacterial cell; factors affecting the growth and death of bacteria; the kinetics of disinfection and evaluation of bactericidal agents. The methods of preparation of antibiotics, the mode of action of antibiotics and other chemotherapeutic agents. Drug resistance. The genetics of bacteria and their viruses.

*Practical:*

Six hours a week for a year.

Exercises in dispensing and the preparation of selected pharmaceuticals from official formularies; experiments illustrative of the physico-chemical aspects of the pharmacy lectures and practical exercises illustrative of the microbiology lectures.

## Text-books:

*British Pharmacopoeia* (Pharmaceutical Press).

*Australian Pharmaceutical Formulary* (P.A.A.).

Martin, A. N., *Physical pharmacy* (Lea and Febinger).

Bean, H. S., Beckett, A. H., Corless, J. E. (eds.), *Advances in pharmaceutical sciences I* (Academic Press).

Cooper, J. W., and Gunn, C. (eds.), *Dispensing for pharmaceutical students* (Pitman).

Stanier, R. Y., Doudoroff, M., and Adelberg, E. A., *General Microbiology* (Macmillan).

Fishburn, A. G., *An Introduction to Pharmaceutical Formulation* (Perma-gon).

## A General Studies Elective.

For syllabuses see page 1039.

## THIRD YEAR

## TF03. Pharmaceutical Chemistry II.

(3<sup>2</sup> 21-0-6)

Pre-requisite subjects: Organic Chemistry II, Pharmaceutical Chemistry I, Pharmaceutics I.

Candidates who have not completed Pharmaceutics II must take it concurrently with Pharmaceutical Chemistry II.

The synthesis and/or the biogenesis of drugs within each of the following groups with particular regard to the physical and chemical properties of importance in pharmaceutical formulation and in analytical techniques. Synthetic heterocyclics; isoprenoids; terpenes and related compounds and carotenoids; steroids; auxins; alkaloids; vitamins; porphyrins and soluble plant pigments.

The relationship between physical and chemical structure and biological activity.

Including polarography, potentiometry, conductometric analysis, colorimetry, absorptiometry, spectrophotometry, adsorption and partition chromatography, ion-exchange, titrations in non-aqueous media, alkaloidal assay, gravimetric procedures.

Six hours a week for two terms and nine hours a week for one term.

The qualitative and quantitative analysis of pharmaceutical substances and preparations illustrative of lecture material. Joint practical exercises with Pharmaceutics II dealing with formulation problems such as drug stability and drug release.

## Text-books:

Albert, A., *Selective toxicity* (Wiley), or

Sexton, W. A., *Chemical constitution and biological activity* (Spon).

Badger, G. M., *The chemistry of heterocyclic compounds* (Academic Press), or

Acheson, R. M., *Introduction to the chemistry of heterocyclic compounds* (Wiley).

## TF13. Pharmaceutics II.

(3-0-7)

The effect of formulation on drug availability. Complexation and protein binding of drugs. Kinetics of absorption, distribution and elimination of drugs. Drug-plastic interactions. Statistics. Spray drying, freeze drying, tableting. Use of ternary diagrams in formulation of emulsified and solubilised systems. Radio-active materials. Antibiotics. Preparation and uses of immunological agents.

*Practical:*

Exercises involving the preparation of sterile medicaments, Dispensing and formulation exercises. Physical pharmacy exercises illustrative of the lecture material.

## Text-books:

As for Pharmaceutics I, together with:

Sprowls, J. B. (ed.), *Prescription pharmacy* (Lippincott).

Binns, T. B. (ed.), *Absorption and distribution of drugs* (Livingstone).

Sykes, G., *Disinfection and sterilization* (Spon).

## TF73. Physiology and Pharmacology.

(2-0-3<sup>2</sup>)

Pre-requisite subject: Pharmaceutical Chemistry I.

Fifty-four lectures; practical three hours a week for two terms. The course will comprise approximately half physiology and half pharmacology.

Physiology will comprise the function of the principal mammalian tissues together with the hormonal and neural integration of the organism. The practical is based on mammalian material and illustrates basic physiological principles.

In pharmacology, emphasis will be placed on the following topics: biological variation in response to drugs and principles of biological assay; physico-chemical factors in drug action; mechanisms of actions of drugs in common clinical use. Practical work will illustrate aspects of these topics.

## Text-book:

Bowman, W. C., Rand, M. J., and West, G. B., *Textbook of Pharmacology*, 1968 edition (Blackwell Scientific Publications).

## TF83. Forensic Pharmacy and Pharmaceutical Practice

(2-0-0)

Forensic Pharmacy; National Health Act; pharmaceutical practice; commercial pharmacy and book-keeping; veterinary pharmacy; public health; International, British and Australian pharmacy.

## A General Studies Elective.

For syllabuses see page 1039.

**TIME TABLES**  
**FOR 1969**

## FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>DEGREE OF BACHELOR OF ARCHITECTURE</b>						
<b>FIRST YEAR SUBJECTS</b>						
RA01	Building Construction I .. ..	9	—	—	—	—
NC21	Structural Mechanics .. ..	10	—	10	—	—
RA11	Building Science I—Lectures .. ..	—	—	—	10	—
	Laboratory .. ..	—	—	—	11-1	—
RA21	History of Architecture I .. ..	—	—	—	—	9
RA31	Architectural Design & Planning I .. ..	11	—	—	—	—
RA71	Architectural and Free Drawing .. ..	12	—	—	—	—
RA41	Studio Work I†† .. ..	—	—	—	—	—
<b>SECOND YEAR SUBJECTS</b>						
RA02	Building Construction II .. ..	—	10	—	—	—
NC22	Structures I—Lectures .. ..	—	—	11	—	—
	Tutorial .. ..	9	—	—	—	—
RA12	Building Science II—Lectures .. ..	10	—	—	—	—
	Laboratory .. ..	11-1	—	—	—	—
RA12	Building Science II (Sanitary Science) .. ..	—	2	—	—	—
RA22	History of Architecture II .. ..	—	12	—	—	—
RA32	Architectural Design & Planning II .. ..	—	11	—	—	—
RA82	Architectural Surveying—Lectures .. ..	—	—	9	—	—
	Practical .. ..	—	—	2-4	—	—
RA42	Studio Work II†† .. ..	—	—	—	—	—
<b>THIRD YEAR SUBJECTS</b>						
RA03	Building Construction III .. ..	—	—	10	—	—
NC23	Structures II—Lectures .. ..	—	—	—	12	—
	Laboratory .. ..	—	11-1‡	—	—	—
RA13	Building Science III—Lectures .. ..	—	—	—	—	10
	Laboratory .. ..	—	—	—	—	11-1
RA53	Professional Practice I .. ..	—	—	—	—	9
	(Building Act) .. ..	—	—	9	—	—
RA33	Architectural Design & Planning III .. ..	—	—	11	—	—
RA43	Studio Work III†† .. ..	—	—	—	—	—
<b>FOURTH YEAR SUBJECTS</b>						
RA04	Building Construction IV .. ..	—	—	—	9‡	—
NC24	Structures III—Lectures .. ..	—	—	—	—	10‡
	Laboratory .. ..	—	—	10-12‡	—	—
RA14	Building Science IV—Lectures .. ..	—	10‡	—	—	—
	Laboratory .. ..	—	11-1‡	—	—	—
RA54	Professional Practice II .. ..	—	—	—	—	11‡
	(Organization and Management) .. ..	—	—	—	—	12‡
RA64	Urban and Regional Planning and Urban Design I .. ..	—	—	—	12‡	—
RA34	Architectural Design & Planning IV .. ..	—	—	—	11‡	—
RA44	Studio Work IV†† .. ..	—	—	—	—	—
RA98	Preliminary Honours Seminars .. ..	—	9‡‡	9‡‡	—	9‡‡
		—	—	12‡‡	—	—
<b>FIFTH YEAR SUBJECTS</b>						
RA05	Building Construction V .. ..	—	—	—	—	10‡
NC25	Structures IV—Lectures .. ..	—	—	—	—	11
	Laboratory .. ..	—	—	—	11-1	—
RA15	Building Science V—Lectures .. ..	—	—	10‡	—	—
	Laboratory .. ..	—	—	11-1‡	—	—
RA55	Professional Practice III .. ..	—	—	—	—	12

†Alternative times.

‡Two terms only.

≠ Time to be arranged.

††Studio work will be carried out during all non-programmed periods in the morning and during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and week-ends to practical work.

## FACULTY OF ARCHITECTURE AND TOWN PLANNING —Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed,	Thursday	Friday
RA55	Professional Practice III (Building Act)	—	—	9*	—	—
RA65	Urban and Regional Planning and Urban Design II .. .. .	—	—	—	10‡	—
RA45	Studio Work V†† .. .. .	—	—	—	—	—
RA99	Final Honours Seminars .. .. .	—	—	—	9†‡	9†‡
<b>DEGREE OF MASTER OF TOWN PLANNING</b>						
RA00	Theory and Practice of Town Planning I .. .. .	—	2-4	—	—	—
RA10	Theory and Practice of Town Planning II .. .. .	—	—	2-4	—	—
RA20	Theory and Practice of Town Planning III .. .. .	—	—	—	2-4	—
RA30	History of Town Planning .. .. .	—	4-5	—	—	—
RA40	Environmental Design .. .. .	—	5-6	—	—	—
RA50	Elements of Statistics .. .. .	—	—	—	5-6¶	—
RA60	Social and Economic Aspects of Planning .. .. .	—	—	4-5	—	—
RA70	Law in Relation to Planning .. .. .	—	—	—	5-6‡	—
RA80	Physical Basis of Planning .. .. .	—	—	5-6‡	—	—
RA90	Engineering Aspects of Planning .. .. .	—	—	5-6¶	4-5	—

¶One term only.

‡Two terms only.

††Studio work will be carried out during all non-programmed periods in the morning and during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and week-ends to practical work.

\*Lectures held at Institute of Technology.

†Alternative times.

**TIME-TABLES FOR 1969**  
**FACULTY OF ARTS**

## ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
AC72	Ancient History .. .. .	—	2.15	—	2.15	—
SM12	Applied Mathematics II .. .. .	9(A) (12B)	9(A) 12(B)	9(A) 12(B)	—	9(A) 12(B)
	Tutorial (1 hour) .. .. .	—	9, 10	—	9, 10	11
SM13	Applied Mathematics III (5 hours)	9, 10	9, 10	9, 10	9, 10	9, 10
AH72	Australian History .. .. .	—	—	4.15	—	4.15
AE72	Australian Literature .. .. .	—	9	—	9	—
AC23	Comparative Philology .. .. .	—	5.15	—	5.15	—
AJ71	Economic Geography .. .. .	—	—	5.15	—	5.15
EE01	Economics I .. .. .	—	—	12(A)	—	12(A)
		—	—	5.15(B)	—	5.15(B)
EE02	Economics II .. .. .	—	—	5.15	—	5.15
EE03	Economics III .. .. .	10	—	10	—	10
AC71	Elementary Greek .. .. .	≠	≠	≠	≠	≠
AE01	English I .. .. .	—	12(A)	—	12(A)	—
		—	5.15(B)	—	5.15(B)	—
AE02	English II .. .. .	—	5.15	—	5.15	—
AE03	English III .. .. .	11	—	11	—	11
AF01	French I .. .. .	10(A) 6.15(B)	—	10(A) 6.15(B)	—	10(A) 6.15(B)
AF02	French II .. .. .	—	11	—	11	—
AF03	French III .. .. .	—	9	—	9	—
AJ01	Geography I .. .. .	—	5.15	—	5.15	—
AJ02	Geography II .. .. .	10	—	10	—	10
AJ03	Geography III .. .. .	4.15	4.15	—	—	4.15
	Practical .. .. .	—	—	4.15-6.15	—	—
AG01	German I .. .. .	—	—	11(A) 3.15(A) 6.15- 8.15(B)	—	11(A)
		6.15(B)	—	—	—	—
AG11	German IA .. .. .	9	10	9	10	9
AG02	German II .. .. .	12	—	12	—	12
AG12	German IIA .. .. .	10	—	12	—	9
AG87	German IIB .. .. .	—	3.15-5.15	4.15	4.15	—
AG03	German III .. .. .	—	11	9	11	—
AG88	German IIIB .. .. .	—	3.15-5.15	10	3.15	—
AC11	Greek I .. .. .	≠	≠	≠	≠	≠
AC12	Greek II .. .. .	≠	2.15*	≠	2.15*	≠
AC13	Greek III .. .. .	≠	≠	≠	≠	≠
AH01	History IA .. .. .	—	4.15	—	4.15	—
AH11	History IB .. .. .	—	9	—	9	—
AH02	History IIA .. .. .	—	12	—	12	3.15*
AH12	History IIB .. .. .	—	6.15	—	6.15	—
AH03	History IIIA .. .. .	—	5.15	—	5.15	—
AH13	History IIIB .. .. .	—	10	—	10	—
AC01	Latin I .. .. .	12(A)	11(AA)	12(AB)	—	12(A)
		—	5.15(B)¶	—	5.15- 7.15(B)¶	—
AC02	Latin II .. .. .	—	10, 2.15†	—	10, 2.15†	—
AC03	Latin III .. .. .	—	10, 2.15†§	—	10, 2.15†§	—
SM01	Mathematics I .. .. .	10(A) 4.15(B)	—	10(A) 4.15(B)	10(A) 4.15(B)	10(A) 4.15(B)
	Tutorial (2 hours) .. .. .	11-1, 2-4	—	2-4	—	11-1, 2-4
SM71	Mathematics IS .. .. .	2	—	2, 4.15	—	2
	Tutorial (2 hours) .. .. .	3-5(A)	—	—	—	3-5(B)
ST02	Mathematical Statistics I .. .. .	11	—	11	11	11
	Tutorial (2 hours) .. .. .	—	—	2-4(A)	2-4(B)	—
ST03	Mathematical Statistics II .. .. .	11	—	11	11	11
UA51	Music I .. .. .	—	4.15-6.15	—	4.15-6.15	—
UA52	Music II .. .. .	—	—	4.15-6.15	—	4.15-6.15
UA53	Music III .. .. .	—	4.15-6.15	—	4.15-6.15	—

FACULTY OF ARTS—Continued

ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
AE87	Old and Middle English I .. ..	≠	≠	≠	≠	≠
AE88	Old and Middle English II .. ..	≠	≠	≠	≠	≠
AF77	Old and Middle French I .. ..	≠	≠	≠	≠	≠
AF78	Old and Middle French II .. ..	≠	≠	≠	≠	≠
AL01	Philosophy I .. ..	—	11(A) 5.15(B)	—	11(A) 5.15(B)	—
AL02	Philosophy II .. ..	6.15	—	6.15	—	6.15
AL03	Philosophy IIIA .. ..	4.15	—	4.15	—	4.15
AL13	Philosophy IIIB .. ..	6.15	—	6.15	—	6.15
AP01	Politics I .. ..	—	10	—	10	—
AP02	Politics II .. ..	—	6.15	—	6.15	—
AP03	Politics IIIA .. ..	—	6.15	—	6.15	—
AP13	Politics IIIB .. ..	—	11	—	11	—
AY01	Psychology I .. ..	10(A) 5.15(B)	—	10(A) 5.15(B)	—	10(A) 5.15(B)
AY71	Psychology IA .. ..	10(A) 5.15(B)	—	10(A) 5.15(B)	—	10(A) 5.15(B)
AY02	Psychology II .. ..	5.15	5.15	—	5.15	—
AY03	Psychology III .. ..	5.15	—	5.15	5.15	—
SM02	Pure Mathematics II .. ..	9(A) 12(B)	—	9(A) 12(B)	9(A) 12(B)	9(A) 12(B)
	Tutorial (1 hour) .. ..	—	9, 10	—	9, 10	—
SM03	Pure Mathematics III (5 hours) ..	9, 10	9, 10	9, 10	9, 10	9, 10
AG74	Science German .. ..	—	9	—	9	—
EE71	Social Economics .. ..	—	12	—	12	—

EDUCATION SUBJECTS—BOTH DIPLOMA AND MASTER COURSES

Full-time students—times for all subjects will be arranged at the commencement of lectures.  
Part-time students—times for subjects available as under:

ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>ASSOCIATESHIP IN ARTS AND EDUCATION:</b>						
AD01	Education .. ..	—	5.30	—	5.30	—
AD11	Educational Psychology IA .. ..	—	4.30¶	—	—	4.30¶
AD21	Practical Teaching and Methodology A (Pre-Primary) .. ..	—	4.15	—	4.15	—
AD31	Practical Teaching and Methodology A (Primary) .. ..	—	4.30	4.30	4.30	—
AD41	Practical Teaching and Methodology A (Secondary) (2 hours) ..	4.30† 5.30	4.30‡ 5.30‡	4.30† 5.30	4.30	—
<b>DIPLOMA IN EDUCATION:</b>						
AD34	Educational Psychology I .. ..	—	—	—	—	Sat. 10.30
AD24	Sociology of Education I .. ..	—	—	—	—	Sat. 9
<b>MASTER OF EDUCATION:</b>						
AD40	Comparative Education .. ..	5.10	—	—	—	—
AD30	Educational Psychology II .. ..	—	—	—	—	5.10
AD10	History of Education II .. ..	5.10	—	—	—	—
AD50	History and Theory of Science ..	5.10	—	—	—	—

Times for tutorials and/or practical work will be arranged at the commencement of lectures.  
 Alternatives are indicated by A, B, C, etc. For Latin I lecture times marked (A) are alternative to those marked (B); tutorial times marked (AA) are alternative to those marked (AB).  
 † Time to be arranged. \* First term only.  
 ‡ Second term only. § Third term only.  
 ¶ Available only if there are sufficient students.  
 German I, II and III are given in the evening in cycles of three years: German I, 1969; German II, 1970; German III, 1971.



## FACULTY OF ARTS—Continued

## EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
AC72	Ancient History .. .. .	—	2.15	—	2.15	—
SM12	Applied Mathematics II .. .. .	9(A) 12(B)	9(A) 12(B)	9(A) 12(B)	—	9(A) 12(B)
	Tutorial (1 hour) .. .. .	—	9, 10	—	9, 10	11
SM13	Applied Mathematics III (5 hours)	9, 10	9, 10	9, 10	9, 10	9, 10
AH72	Australian History .. .. .	—	—	4.15	—	4.15
AE72	Australian Literature .. .. .	—	5.15	—	5.15	—
AC23	Comparative Philology .. .. .	—	5.15	—	5.15	—
AJ71	Economic Geography .. .. .	—	9	—	9	—
EE01	Economics I .. .. .	—	—	12(A) 5.15(B)	—	12(A) 5.15(B)
EE02	Economics II .. .. .	—	—	10	—	10
EE03	Economics III .. .. .	5.15	—	5.15	—	5.15
AC71	Elementary Greek .. .. .	≠	≠	≠	≠	≠
AE01	English I .. .. .	—	12(A) 5.15(B)	—	12(A) 5.15(B)	—
AE02	English II .. .. .	—	9	—	9	—
AE03	English III .. .. .	5.15	—	5.15	—	5.15
AF01	French I .. .. .	10(A) 6.15(B)	—	10(A) 6.15(B)	—	10(A) 6.15(B)
AF02	French II .. .. .	—	11	—	11	—
AF03	French III .. .. .	—	9	—	9	—
AJ01	Geography I .. .. .	—	11	—	11	—
AJ02	Geography II .. .. .	4.15	—	4.15	—	4.15
AJ03	Geography III .. .. .	10	—	10	—	10
	Practical .. .. .	—	—	2.15-4.15	—	—
AG01	German I .. .. .	—	—	11, 3.15	—	11
AG11	German IA .. .. .	9	10	9	10	9
AG02	German II .. .. .	12(A) 6.15(B)	—	12(A) 6.15-8.15(B)	—	12(A)
AG12	German IIA .. .. .	10	—	12	—	9
AG87	German IIB .. .. .	—	3.15-5.15	4.15	4.15	—
AG03	German III .. .. .	—	11	9	11	—
AG88	German IIIB .. .. .	—	3.15-5.15	10	3.15	—
AC11	Greek I .. .. .	≠	≠	≠	≠	≠
AC12	Greek II .. .. .	≠	2.15*	≠	2.15*	≠
AC13	Greek III .. .. .	≠	≠	≠	≠	≠
AH01	History IA .. .. .	—	4.15	—	4.15	—
AH11	History IB .. .. .	—	9	—	9	—
AH02	History IIA .. .. .	—	12	—	12	3.15*
AH12	History IIB .. .. .	—	6.15	—	6.15	—
AH03	History IIIA .. .. .	—	5.15	—	5.15	—
AH13	History IIIB .. .. .	—	10	—	10	—
AC01	Latin I .. .. .	12(A)	11(AA) 5.15(B)¶	12(AB)	—	12(A)
AC02	Latin II .. .. .	—	10, 2.15†	—	10, 2.15†	—
AC03	Latin III .. .. .	—	10, 2.15†§	—	10, 2.15†§	—
SM01	Mathematics I .. .. .	10(A) 4.15(B)	—	10(A) 4.15(B)	10(A) 4.15(B)	10(A) 4.15(B)
	Tutorial (2 hours) .. .. .	11-1, 2-4	—	2-4	—	11-1, 2-4
SM71	Mathematics IS .. .. .	2	—	2, 4.15	—	2
	Tutorial (2 hours) .. .. .	3-5(A)	—	—	—	3-5(B)
ST02	Mathematical Statistics I .. .. .	11	—	11	11	11
	Tutorial (2 hours) .. .. .	—	—	2-4(A)	2-4(B)	—
ST03	Mathematical Statistics II .. .. .	11	—	11	11	11
UA51	Music I .. .. .	—	4.15-6.15	—	4.15-6.15	—
UA52	Music II .. .. .	—	4.15-6.15	—	4.15-6.15	—
UA53	Music III .. .. .	—	—	4.15-6.15	—	4.15-6.15
AE87	Old and Middle English I .. .. .	≠	≠	≠	≠	≠
AE88	Old and Middle English II .. .. .	≠	≠	≠	≠	≠
AF77	Old and Middle French I .. .. .	≠	≠	≠	≠	≠
AF78	Old and Middle French II .. .. .	≠	≠	≠	≠	≠

**FACULTY OF ARTS—Continued**

**EVEN YEARS**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
AL01	Philosophy I .. .. .	—	11(A) 5.15(B)	—	11(A) 5.15(B)	—
AL02	Philosophy II .. .. .	6.15	—	6.15	—	6.15
AL03	Philosophy IIIA .. .. .	6.15	—	6.15	—	6.15
AL13	Philosophy IIIB .. .. .	4.15	—	4.15	—	4.15
AP01	Politics I .. .. .	—	—	6.15	—	6.15
AP02	Politics II .. .. .	—	10	—	10	—
AP03	Politics IIIA .. .. .	—	11	—	11	—
AP13	Politics IIIB .. .. .	—	6.15	—	6.15	—
AY01	Psychology I .. .. .	10(A) 5.15(B)	—	10(A) 5.15(B)	—	10(A) 5.15(B)
AY71	Psychology IA .. .. .	10(A) 5.15(B)	—	10(A) 5.15(B)	—	10(A) 5.15(B)
AY02	Psychology II .. .. .	5.15	5.15	—	5.15	—
AY03	Psychology III .. .. .	5.15	—	5.15	5.15	—
SM02	Pure Mathematics II .. .. .	9(A) 12(B)	—	9(A) 12(B)	9(A) 12(B)	9(A) 12(B)
	Tutorial (1 hour) .. .. .	—	9, 10	—	9, 10	—
SM03	Pure Mathematics III (5 hours) ..	9, 10	9, 10	9, 10	9, 10	9, 10
AG74	Science German .. .. .	—	9	—	9	—
EE71	Social Economics .. .. .	5.15	—	—	—	5.15

**EDUCATION SUBJECTS—BOTH DIPLOMA AND MASTER COURSES**

*Full-time students*—times for all subjects will be arranged at the commencement of lectures.

*Part-time students*—times for subjects available as under:

**EVEN YEARS**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>ASSOCIATESHIP IN ARTS AND EDUCATION:</b>						
AD01	Education .. .. .	—	5.30	—	5.30	—
AD11	Educational Psychology IA .. .. .	—	4.30¶	—	—	4.30¶
AD21	Practical Teaching and Methodology A (Pre-Primary) .. .. .	—	4.15	—	4.15	—
AD31	Practical Teaching and Methodology A (Primary) .. .. .	—	4.30	4.30	4.30	—
AD41	Practical Teaching and Methodology A (Secondary) (2 hours) ..	4.30* 5.30	4.30*§ 5.30§	4.30*† 5.30	4.30* —	— —
<b>DIPLOMA IN EDUCATION:</b>						
AD14	History of Education I .. .. .	—	—	—	—	Sat. 9
AD04	Theory of Education I .. .. .	—	—	—	—	Sat. 10.30
<b>MASTER OF EDUCATION:</b>						
AD20	Sociology of Education II .. .. .	—	—	—	—	5.10
AD00	Theory of Education II .. .. .	5.10	—	—	—	—

Times for tutorials and/or practical work will be arranged at the commencement of lectures. Alternatives are indicated by A, B, C, etc. For Latin I lecture times marked (A) are alternative to those marked (B); tutorial times marked (AA) are alternative to those marked (AB).

≠ Time to be arranged.

† Second term only.

¶ Available only if there are sufficient students

\* First term only.

§ Third term only.

German I, II and III are given in the evening in cycles of three years: German I, 1969; German II, 1970; German III, 1971.

## EVENING LECTURES IN 1969

## FACULTIES OF ARTS, ECONOMICS AND SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
EC00	Accounting (Business Management)	—	5.15	—	5.15	—
AH72	Australian History .. .. .	—	—	4.15	—	4.15
SZ71	Biology—Lectures .. .. .	—	5.15	—	5.15	—
	Practical .. .. .	—	7-9.30	—	7-9.30	—
EC13	Commercial Law .. .. .	—	—	5.15	—	5.15
AC23	Comparative Philology .. .. .	—	5.15	—	5.15	—
EE01	Economics I .. .. .	—	—	5.15	—	5.15
EE02	Economics II .. .. .	—	—	5.15	—	5.15
EE13	Economic Development II .. .. .	5.15	—	5.15	—	—
EE22	Economic Statistics I .. .. .	5.15	—	—	5.15	—
AD01	Education .. .. .	—	5.30	—	5.30	—
AD11	Educational Psychology IA .. .. .	—	4.30¶	—	—	4.30¶
EC01	Elements of Accounting .. .. .	—	5.15	—	5.15	—
AE01	English I .. .. .	—	5.15	—	5.15	—
AE02	English II .. .. .	—	5.15	—	5.15	—
EC03	Financial Accounting .. .. .	—	5.15	—	5.15	—
AF01	French I .. .. .	6.15	—	6.15	—	6.15
AJ01	Geography I .. .. .	—	5.15	—	5.15	—
AJ03	Geography III—Lectures .. .. .	4.15	4.15	—	—	4.15
	Practical .. .. .	—	—	4.15-6.15	—	—
SG01	Geology I—Lectures .. .. .	—	5.15	5.15	5.15	—
	Practical (inc. tutorial) .. .. .	—	6.15-8.15	—	6.15-8.15	—
AG01	German I .. .. .	6.15	—	6.15-8.15	—	—
AH01	History IA .. .. .	—	4.15	—	4.15	—
AH12	History IIB .. .. .	—	6.15	—	6.15	—
AH03	History IIIA .. .. .	—	5.15	—	5.15	—
EC23	Industrial Sociology .. .. .	—	—	5.15	—	5.15
AC01	Latin I .. .. .	—	5.15¶	—	5.15-7.15¶	—
SM01	Mathematics I .. .. .	4.15	—	4.15	4.15	4.15
UA51	Music I .. .. .	—	4.15-6.15	—	4.15-6.16	—
UA52	Music II .. .. .	—	—	4.15-6.15	—	4.15-6.15
UA53	Music III .. .. .	—	4.15-6.15	—	4.15-6.15	—
AL01	Philosophy I .. .. .	—	5.15	—	5.15	—
AL02	Philosophy II .. .. .	6.15	—	6.15	—	6.15
AL03	Philosophy IIIA .. .. .	4.15	—	4.15	—	4.15
AL13	Philosophy IIIB .. .. .	6.15	—	6.15	—	6.15
SP01	Physics I—Lectures .. .. .	5.15	—	5.15	—	5.15
	Practical .. .. .	—	—	6.15-9.15	—	—
AP02	Politics II .. .. .	—	6.15	—	6.15	—
AP03	Politics IIIA .. .. .	—	6.15	—	6.15	—
	Practical Teaching and Methodology A					
AD21	(Pre-Primary) .. .. .	—	4.15	—	4.15	—
AD31	(Primary) .. .. .	—	4.30	4.30	4.30	—
AD41	(Secondary) .. .. .	4.30†	4.30*§	4.30*†	4.30*	—
		5.30	5.30§	5.30	—	—
AY01	Psychology I .. .. .	5.15	—	5.15	—	5.15
AY71	Psychology IA .. .. .	5.15	—	5.15	—	5.15
AY02	Psychology II .. .. .	5.15	5.15	—	5.15	—
AY03	Psychology III .. .. .	5.15	—	5.15	5.15	—

\* First term only.

† Second term only

§ Third term only.

¶ Available only if there are sufficient students.

## FACULTY OF ECONOMICS

## EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EE83	Agricultural Economics .. ..	≠	≠	≠	≠	≠
EC13	Commercial Law .. ..	—	5.15	—	5.15	—
EE01	Economics I .. ..	—	—	12(A) 5.15(B)	—	12(A) 5.15(B)
EE02	Economics II .. ..	—	—	10	—	10
EE03	Economics III—					
	Part A .. ..	—	—	5.15	—	5.15
	Part B (Public Finance) .. ..	5.15	—	—	—	—
	Part C (Economics of Labour) .. ..	5.15	—	—	—	—
	Part D (Agricultural Economics)	5.15	—	—	—	—
EE12	Economic Development I .. ..	—	—	6.15	6.15	—
EE13	Economic Development II .. ..	—	11	—	—	11
AJ71	Economic Geography .. ..	—	9	—	9	—
EE22	Economic Statistics I .. ..	—	—	12	—	12
EE23	Economic Statistics II .. ..	—	9	—	9	—
EE68	Economic Theory .. ..	—	2.15	—	2.15	—
EC01	Elements of Accounting .. ..	—	12	—	12	—
EC03	Financial Accounting .. ..	—	—	12	—	12
EE99	Honours Economics .. ..	≠	≠	≠	≠	≠
EC23	Industrial Sociology .. ..	—	10	—	—	10
EC02	Management Accounting .. ..	—	5.15	—	5.15	—
EE41	Mathematics (Economics) .. ..	—	—	5.15	—	5.15
EE52	Public Finance .. ..	5.15	—	—	—	—
EE71	Social Economics .. ..	5.15	—	—	5.15	—

## ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EE83	Agricultural Economics .. ..	≠	≠	≠	≠	≠
EE13	Commercial Law .. ..	—	—	5.15	—	5.15
EE01	Economics I .. ..	—	—	12(A) 5.15(B)	—	12(A) 5.15(B)
EE02	Economics II .. ..	—	—	5.15	—	5.15
EE03	Economics III—					
	Part A .. ..	—	—	10	—	10
	Part B (Public Finance) .. ..	10	—	—	—	—
	Part C (Economics of Labour) .. ..	10	—	—	—	—
	Part D (Agricultural Economics)	10	—	—	—	—
EE12	Economic Development I .. ..	—	10	—	10	—
EE13	Economic Development II .. ..	5.15	—	5.15	—	—
AJ71	Economic Geography .. ..	—	—	5.15	—	5.15
EE22	Economic Statistics I .. ..	5.15	—	—	5.15	—
EE23	Economic Statistics II .. ..	—	—	12	—	12
EE68	Economic Theory .. ..	—	2.15	—	2.15	—
EC01	Elements of Accounting .. ..	—	5.15	—	5.15	—
EC03	Financial Accounting .. ..	—	5.15	—	5.15	—
EE99	Honours Economics .. ..	≠	≠	≠	≠	≠
EC23	Industrial Sociology .. ..	—	—	5.15	—	5.15
EC02	Management Accounting .. ..	—	12	—	12	—
EE41	Mathematics (Economics) .. ..	—	—	11	—	11
EE52	Public Finance .. ..	—	—	—	9	—
EE71	Social Economics .. ..	—	—	12	—	12

Times for tutorial classes will be arranged at commencement of lectures.

≠ Time to be arranged.

(A) and (B) are alternatives.

**FACULTY OF ECONOMICS—Continued**

Course for the degree of Master of Business Management

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EC00	Accounting (Business Management) ..	—	5.15	—	5.15	—
EC10	Investment Planning and Business Finance	—	5.15	—	5.15	—
EC20	Social and Political Institutions and Thought .. .. .	≠	≠	≠	≠	≠
EC30	Economic Institutions and Policy ..	3-5	—	—	—	—
EC40	Human Relations .. .. .	—	—	—	3-5	—
EC50	Economic and Accounting Analysis ..	—	9.11	—	—	—
EC60	Business Statistics .. .. .	—	—	—	—	9-11
EC70	Decision Making .. .. .	9-11	—	—	—	—

≠ Not available in 1969.

**FACULTY OF ENGINEERING**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>FIRST YEAR</b>						
SC01	Chemistry I					
	Lectures .. .. .	9(A, B) 5.15(C, D)	—	9(A, B) 5.15 (C, D) 11 (A, C) 12 (B, D)	—	9(A, B) 5.15 (C, D)
	Tutorial (1 hour) .. .. .	—	—	—	—	—
	Practical (3 hours) .. .. .	—	2-5	—	2-5	2-5
NX01	Engineering I					
	Lectures .. .. .	11(A) 12(B)	— 12(B)	—	11(A)	11(A) 12(B)
	Tutorial .. .. .	—	—	—	12	—
	Practical (3 hours) .. .. .	—	10-1	—	2-5	2-5
SG01	Geology I					
	Lectures .. .. .	—	9(A)	3 (A, B)	9(A)	—
	Practical .. .. .	2-5	5.15 (B) 10-1, 2-5	5.15(A, B)	5.15(B) 2-5	—
SM01	Mathematics I—					
	Lectures .. .. .	10	—	10	10	10
	Tutorial (2 hours) .. .. .	2-4	—	2-4	—	2-4
SP01	Physics I—					
	Lectures .. .. .	9(C, D) 5.15(A, B)	—	9(C, D) 5.15(A, B) 11 (B, D) 12(A, C)	—	9(C, D) 5.15(A, B)
	Tutorial (1 hour) .. .. .	—	—	—	—	—
	Practical (3 hours) .. .. .	2-5	10-1, 2-5	—	2-5	—
<b>SECOND YEAR</b>						
SM12	Applied Maths II—					
	Lectures .. .. .	9	9	9	—	9
	Tutorial (1 hour) .. .. .	—	10	—	9	11
NC02	Civil Engineering I—					
	Lectures .. .. .	—	10	10	10	10
	Practical (3 hours) .. .. .	10-1	—	2-5	2-5	—
NE03	Electrical Engineering I—					
	Lectures .. .. .	11	—	11	—	11
	Tutorial (2 hours) .. .. .	12(B)	12(A)	12(A)	—	12(B)
	Practical (3 hours) .. .. .	—	10-1(B)	—	10-1(A)	—
NX12	Engineering IIC—					
	Electrical Circuits and Machines—					
	Lecture .. .. .	—	11	—	—	—
	Practical* .. .. .	2-5	2-5	—	—	—
	Electronics—					
	Lecture .. .. .	—	—	11	—	—
Practical* .. .. .	2-5	2-5	—	—	—	
Engineering Materials—						
Lecture .. .. .	—	—	—	11	—	
Practical* .. .. .	2-5	—	—	—	2-5	
NX42	Engineering IIM—					
	Stress Analysis—					
	Lecture .. .. .	—	11	—	—	—
	Practical* .. .. .	2-5	2-5	—	—	—
	Structural Engineering—					
	Lecture .. .. .	—	—	11	—	—
Practical .. .. .	—	—	2-5	—	—	
Engineering Materials—						
Lecture .. .. .	—	—	—	11	—	
Practical* .. .. .	2-5	—	—	—	2-5	

## FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
NX02	Engineering IIIH—					
	Electrical Circuits and Machines—					
	Lecture .. .. .	—	11	—	—	—
	Practical* .. .. .	2-5†	2-5	—	—	—
	Electronics—					
	Lecture .. .. .	—	—	11	—	—
	Practical* .. .. .	2-5†	2-5†	—	—	—
Stoichiometry—						
Lecture .. .. .	10	—	—	—	—	
Tutorial .. .. .	—	2-5	—	—	—	
NM02	Mechanical Engineering I— (New Course)					
	Lecture .. .. .	—	10	12	10	—
	Practical .. .. .	10-1	—	—	2-5	—
SC02	Physical and Inorganic— Chemistry II—					
	Lecture .. .. .	12	—	12	—	12
	Tutorial .. .. .	—	—	4	—	—
	Practical .. .. .	—	—	—	10-5(B)	10-5(C)
SP02	Physics II—					
	Lecture .. .. .	10	—	10	—	10
	Tutorial .. .. .	—	—	2	—	—
	Practical .. .. .	2-5(A)	10-1(A)	—	10-1(C)	2-5(B)
	(C at discretion of Department) ..	—	2-5(C)	—	2-5(B)	—
<b>THIRD YEAR</b>						
NC03	Civil Engineering IIA—					
	Lecture .. .. .	—	11	11	11	—
	Practical .. .. .	—	—	2-5	—	2-5
NC13	Civil Engineering IIB—					
	Lectures .. .. .	—	10	10	10	—
	Tutorial .. .. .	—	—	—	2	—
	Practical .. .. .	—	—	—	3-5	10-1
NX13	Engineering IIIC—					
	Theory of Machines—					
	Lecture .. .. .	—	—	—	12	—
	Practical .. .. .	—	—	—	—	10-1†
	Machine Design—					
	Lecture .. .. .	—	12	—	—	—
	Practical .. .. .	—	2-5	2-5	—	—
	Mathematics III (Engineering)—					
	Lecture .. .. .	—	—	9	—	9
	Tutorial .. .. .	9	—	—	—	—
Economics (Engineering)—						
Lecture .. .. .	10	—	12	—	—	
Tutorial .. .. .	≠	≠	≠	≠	≠	
NE13	Electrical Engineering II—					
	Lecture .. .. .	10, 11	—	12	12	—
	Tutorial .. .. .	—	9, 10(A)	10(A, B)	10(B)	—
	Practical .. .. .	—	—	2-5(A)	2-5(B)	10-5(B)
NX23	Engineering IIE—					
	Stress Analysis—					
	Lecture .. .. .	—	11	—	—	—
	Practical .. .. .	2-5†	2-5†	—	—	—
	Machine Design—					
Lecture .. .. .	—	12	—	—	—	
Practical .. .. .	—	2-5	2-5	—	—	

**FACULTY OF ENGINEERING—Continued**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
NX33	Engineering IIIE—					
	Thermodynamics and Fluids—					
	Lecture .. .. .	—	—	—	9	—
	Practical .. .. .	2-5†	2-5†	—	—	—
	Engineering Materials—					
	Lecture .. .. .	—	—	—	11	—
	Practical .. .. .	2-5†	—	—	—	2-5†
SM02	Pure Mathematics II—					
	Lecture .. .. .	9	—	9	9	9
	Tutorial .. .. .	—	10	—	10	—
NM03	Mechanical Engineering IIA—					
	Lectures .. .. .	12	12	—	—	12
	Tutorial .. .. .	—	—	—	—	11
NM13	Mechanical Engineering IIB—					
	Lecture .. .. .	—	9	10	—	10
	Tutorial .. .. .	—	—	—	9	—
NX43	Engineering IIIM—					
	Electrical Circuits and Machines—					
	Lecture .. .. .	—	11	—	—	—
	Practical .. .. .	2-5†	2-5†	—	—	—
	Electronics—					
	Lecture .. .. .	—	—	11	—	—
	Practical .. .. .	2-5†	2-5†	—	—	—
Electrical Instrumentation—						
Lecture .. .. .	—	—	—	11	—	
Practical .. .. .	2-5†	2-5†	—	—	—	
NH13	Chemical Engineering IIA—					
	Lectures .. .. .	11	—	—	9	11
	Tutorial¶ .. .. .	—	9, 10	—	—	—
NH23	Chemical Engineering IIB—					
	Lectures .. .. .	12	—	12	—	12
	Tutorial and Seminar¶ .. .. .	—	—	10, 11	—	2-5§
	Practical .. .. .	—	—	—	10-5‡	—



## FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
NX03	Engineering IIIH—					
	Stress Analysis—					
	Lecture .. .. .	—	11	—	—	—
	Practical .. .. .	2-5†	2-5†	—	—	—
	Machine Design—					
	Lecture .. .. .	—	12	—	—	—
	Practical .. .. .	—	2-5	2-5	—	—
	Materials Science—					
	Lecture .. .. .	10	—	—	—	10
	Practical .. .. .	2-4	2-4	—	—	—
	Mathematics III (Engineering)—					
	Lectures .. .. .	—	—	9	—	9
Tutorial .. .. .	9	—	—	—	—	

• Nine three-hour practical sessions.

§ Two terms only.

¶ One further tutorial to be arranged.

(A), (B), (C) and (D) indicate alternatives.

† One term only.

‡ Time to be arranged.

‡ Alternate weeks only.

Note: In any subject where both lecture and tutorial groups are designated A, B, etc., a student allocated to lecture group A must take tutorial group A, etc. This does not apply between subjects.

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
UB01	Practice of Music I .. ..	2	—	—	2	—
UB02	Practice of Music II .. ..	2	—	2	—	—
UB03	Practice of Music III .. ..	≠	≠	≠	≠	≠
UA01	Theory of Music I .. ..	—	2, 5	—	—	—
UA02	Theory of Music II .. ..	—	—	3	—	2
UA03	Theory of Music III .. ..	—	—	—	10-12	—
UA11	History of Music I .. ..	—	4	—	4-6	—
UA12	History of Music II .. ..	—	—	4	—	4-6
UA13	History of Music III .. ..	—	4-6	—	4-6	—
UA31	Musicology I .. ..	≠	≠	≠	≠	≠
UA32	Musicology II .. ..	≠	≠	≠	≠	≠
UA33	Musicology III .. ..	≠	≠	≠	≠	≠
UA41	Music in Education I .. ..	—	—	10-1	—	10-1
UA42	Music in Education II .. ..	—	—	10-1	—	10-1
UA21	Composition I .. ..	≠	≠	≠	≠	≠
UA22	Composition II .. ..	≠	≠	≠	≠	≠
UA23	Composition III .. ..	≠	≠	≠	≠	≠

≠ Times to be arranged.

## FACULTY OF SCIENCE

**N.B. Heads of Departments concerned will allocate students to appropriate classes for which more than one session is provided. The combinations of subjects suggested in the Science Leaflet are compatible with the timetables.**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>FIRST-YEAR SUBJECTS</b>						
WA01	Agriculture IA .. .. .	2	—	—	—	—
SB01	Botany I—					
	Lectures .. .. .	—	9	—	9	—
	Tutorial (included in Practical) ..	—	—	—	—	—
	Practical (5 hours) .. .. .	—	10-1	—	10-12	—
SZ71	Biology—					
	Lectures .. .. .	—	9(A) 5.15(B)	—	9(A) 5.15(B)	—
	Tutorial (nil)	—	—	—	—	—
	Practical (5 hours) .. .. .	10-12.30 (A) 2-4.30(C)	10-12.30 (B)	—	10-12.30 (B)	10-12.30 (A) 2-4.30(C)
		—	7-9.30(D)	—	7-9.30(D)	—
SC01	Chemistry I—					
	Lectures .. .. .	9(A, B) 5.15(C, D)	—	9(A, B) 5.15(C, D)	—	9(A, B) 5.15(C, D)
	Tutorial (1 hour) .. .. .	—	—	11(A, C) 12(B, D)	—	—
	Practical (3 hours) .. .. .	—	2-5	—	10-1 2-5	10-1 2-5
SG01	Geology I—					
	Lectures (3 hours) .. .. .	—	9(A) 5.15(B)	3(A, B) 5.15(A, B)	9(A) 5.15(B)	—
	Practical (3 hours) .. .. .	2-5	10-1 2-5	—	10-1 2-5	—
	Evening Practical (including tutorial—4 hours) .. .. .	—	6.15-8.15	—	6.15-8.15	—
SM01	Mathematics I—					
	Lectures .. .. .	10(A) 4.15(B)	—	10(A) 4.15(B)	10(A) 4.15(B)	10(A) 4.15(B)
	Tutorial (2 hours) .. .. .	11-1 2-4	—	2-4	—	11-1 2-4
SM71	Mathematics IS—					
	Lectures .. .. .	2	—	2, 4.15	—	2
	Tutorial (2 hours) .. .. .	3-5	—	—	—	3-5
SP01	Physics I—					
	Lectures .. .. .	9(C, D) 5.15(A, B) 3(E)*	—	9(C, D) 10(E)* 5.15(A, B)	—	9(C, D) 3(E)* 5.15(A, B)
	Tutorial (1 hour) .. .. .	—	—	11(B, D) 12(A, C)	—	—
	Practical (3 hours) .. .. .	10-1 2-5	10-1 2-5	—	10-1 2-5	10-1
		—	—	6.15-9.15	—	—
AY01	Psychology I—					
	Lectures .. .. .	10(A) 5.15(B)	—	10(A) 5.15(B)	—	10(A) 5.15(B)
	Practical (2 hours) .. .. .	≠	≠	≠	≠	≠
SZ01	Zoology I—					
	Lectures .. .. .	—	2	—	2, 5†	—
	Tutorial (nil)	—	—	—	—	—
	Practical (5 hours) .. .. .	—	10-12.30 (A) 3-5.30(B)	—	10-12.30 (A) 3-5.30(B)	—

Alternatives are indicated by A, B, C, etc.

Note: In any subject where both lecture and tutorial groups are designated A, B, C . . . a student allocated to lecture group A must take tutorial group A, etc., This does not apply between subjects.

≠ Time to be arranged.

\* Physics: E to be held only if numbers exceed lecture theatre capacity.

† Zoology additional lectures given for the last four weeks of first term only when the Thursday morning and afternoon practical classes will end one hour earlier.

## FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>SECOND-YEAR SUBJECTS</b>						
WA02	Agriculture I					
	Lectures .. .. .	2	—	—	—	—
SM12	Applied Mathematics II—					
	Lectures .. .. .	9(A) 12(B)	9(A) 12(B)	9(A) 12(B)	—	9(A) 12(B)
	Tutorial (1 hour) .. .. .	—	9, 10	—	9, 10	11
SY02	Biochemistry I—					
	Lectures .. .. .	9	9	—	—	9
	Tutorial .. .. .	≠	≠	≠	≠	≠
	Practical (6 hours) .. .. .	—	10-5(A)	10-5(B)	—	—
SB02	Botany II—					
	Lectures .. .. .	11	—	—	—	11
	Practical (6 hours) .. .. .	—	2-5	—	2-5	—
SC12	Chemistry II—					
	Lectures .. .. .	12	—	12	—	12
	Practical (6 hours) .. .. .	—	—	9-12, 2-5	—	—
SJ02	Genetics I—					
	Part A Lectures .. .. .	10	—	—	—	—
	Practical with Tutorial (3 hours) .. .. .	—	—	2-5	—	2-5
	Part B Lectures .. .. .	—	—	—	—	10
	Practical (2 hours) .. .. .	3-5	—	10-12	—	—
SG02	Geology II—					
	Lectures .. .. .	9	—	9	—	9
	Tutorial (1 hour) .. .. .	≠	≠	≠	≠	≠
	Practical (6 hours) .. .. .	2-5	9-12*	—	9-12*	2-5
	Monday and Tuesday are alternatives. Thursday and Friday are alternatives.					
ST02	Mathematical Statistics I—					
	Lectures .. .. .	11	—	11	11	11
	Tutorial (2 hours) .. .. .	—	—	2-4	2-4	—
SO02	Organic Chemistry II—					
	Lectures .. .. .	11	—	11	—	11
	Practical (6 hours) .. .. .	—	10-5(A)	—	10-5(B)	—
SC02	Physical and Inorganic Chemistry II—					
	Lectures .. .. .	12	—	12	—	12
	Tutorial (1 hour) .. .. .	4	—	4	—	—
	Practical (6 hours) .. .. .	—	10-5(A)	—	10-5(B)	9-5(C)
SP02	Physics II—					
	Lectures .. .. .	10	—	10	—	10
	Tutorial (1 hour) .. .. .	—	—	2	—	—
	Practical (6 hours) .. .. .	2-5(A)	10-1(A)	—	10-1(C)	2-5(B)
	(C at discretion of Department) .. .. .	—	2-5(C)	—	2-5(B)	—
SS02	Physiology I—					
	Lectures .. .. .	12	—	12	—	12
	Practical (6 hours) .. .. .	—	—	9-5	—	—
AY82	Psychology I(S)—					
	Lectures .. .. .	5.15	5.15	—	5.15	—
	Statistics .. .. .	—	—	5.15‡	—	—
	Tutorial (1 hour) .. .. .	≠	≠	≠	≠	≠
	Practical (4 hours) .. .. .	—	5.15-7.15§	—	—	—
SM02	Pure Mathematics II—					
	Lectures .. .. .	9(A) 12(B)	—	9(A) 12(B)	9(A) 12(B)	9(A) 12(B)
	Tutorial (1 hour) .. .. .	—	9, 10	—	9, 10	—
SZ02	Zoology II—					
	Lectures .. .. .	10	12	—	12	—
	Practical (6 hours) .. .. .	—	9-12(A)	—	9-12(A)	—
	Quantitative Biology   (2 hours) .. .. .	2-5(C)	2-5(B)	—	2-5(B)	2-5(C)
		—	2-4	3-5	10-12	2-4

Alternatives are indicated by A, B, C, etc.

≠ Time to be arranged.

§ Additional 2 hours practical work to be arranged.

‡ Psychology IS: First and second terms only.

|| Zoology II: 12 Lectures on Quantitative Biology, Part B of Genetics I, commencing at beginning of first term, with 2 hours practical per week.

\* To be held only if numbers exceed laboratory capacity.

## FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>THIRD-YEAR SUBJECTS</b>						
SM13	Applied Mathematics III— Lectures (5 hours) .. .. .	9, 10	9, 10	9, 10	9, 10	9, 10
	Tutorial (1 hour) .. .. .	≠	≠	≠	≠	≠
SY03	Biochemistry—					
SY13	Lectures .. .. .	12	—	12	12	—
SY23	Practical (12 hours) .. .. .	all day	—	—	—	all day
SY33						
SY43						
SB03	Botany—					
SB13	Lectures .. .. .	10, 5*	9*	10	9*	10
SB33	Practical (12 hours) .. .. .	—	all day	—	all day	all day*
SJ03	Genetics II—					
	Lectures (3 hours) .. .. .	9, 10	—	9, 10	—	9, 10
	Practical (8 hours) .. .. .	≠	≠	≠	2-5	≠
SG03	Geology—					
SG23	Lectures .. .. .	9	10, 3†	9	10, 3†	9
SG33	Practical (12 hours) .. .. .	≠	≠	≠	≠	≠
SG53						
SG63						
MA13	Histology—					
	Lectures .. .. .	—	9	—	9	12
	Practical (10 hours) .. .. .	—	all day	all day	—	—
SF03	Mathematical Physics A—					
	Lectures (5 hours) .. .. .	9, 10	9, 10, 3	9, 10, 3	9, 10, 3	9, 10
	Tutorial .. .. .	≠	≠	≠	≠	≠
SF13	Mathematical Physics B—					
	Lectures (5 hours) .. .. .	4	12, 3	12, 3	12, 3	4
	Practical .. .. .	—	—	—	all day	—
ST03	Mathematical Statistics II—					
	Lectures (4 hours) .. .. .	11	—	11	11	11
	Tutorial (3 hours) .. .. .	≠	≠	≠	≠	≠
SK03	Microbiology—					
	Lectures .. .. .	—	9	11	9	—
	Tutorial .. .. .	≠	≠	≠	≠	≠
	Practical (10 hours) .. .. .	—	9-1, 2-5	—	9-1, 2-5	—
SO03	Organic Chemistry—					
SO13	Lectures .. .. .	9	—	9	—	9
SO23	Practical (12 hours) .. .. .	all day	all day	all day	all day	all day
SO33		(A)	(A)	(A, B)	(B)	(B)
SO43	Tutorial .. .. .	≠	≠	≠	≠	≠
SG13	Palaeontology—					
	Lectures .. .. .	≠	≠	≠	≠	≠
	Practical .. .. .	≠	≠	≠	≠	≠
SC03	Physical and Inorganic Chemistry—					
SC13	Lectures .. .. .	—	9, 4	4	9, 4	—
	Practical (12 hours) .. .. .	all day	all day	all day	all day	all day
	Tutorial .. .. .	≠	≠	≠	≠	≠
SP03	Physics III and Physics IIIH—					
SP08	Lectures .. .. .	4	12	12	12	4
	Practical (9 hours) .. .. .	all day	—	all day	all day	all day
SS03	Physiology—					
SS13	Lectures .. .. .	11	—	11	—	11
	Practical .. .. .	—	—	—	all day	2-5§
AY83	Psychology II(S)—					
	Lectures .. .. .	5.15	11	5.15	—	4.15
	Tutorial (1 hour) .. .. .	≠	≠	≠	5.15	≠
	Practical (6 hours) .. .. .	—	5.15-7.15‡	—	—	—

Note: these timetables show the hours set aside for work in each Department. Students taking a particular modification of a subject, e.g., Zoology IIIA instead of Zoology III, should consult the timetables in the Department.

**FACULTY OF SCIENCE—Continued**

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
SM03	Pure Mathematics III—					
	Lectures (5 hours) .. .. .	9, 10	9, 10	9, 10	9, 10	9, 10
	Tutorial (1 hour) .. .. .	≠	≠	≠	≠	≠
SZ03	Zoology—					
SZ13	Lectures .. .. .	9, 5*	9*, 2	9	9*	9
SZ23	Practical (9 hours) .. .. .	2-5	2-5	all day	—	all day
SZ43						

Alternatives are indicated by A, B, C, etc.

≠ Time to be arranged.

‡ Psychology II(S): An additional 4 hours practical to be arranged.

\* Third term only for students taking Cells and Embryos—3 hours practical to be arranged.

† Geophysics and Geochemistry lectures—second and third terms only.

§ Special arrangements will be made for students taking both Physiology and Biochemistry.

## DIPLOMA IN PHYSIOTHERAPY

### FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8.30			Treatment I (Practical)		
9	Anatomy I	Anatomy I (Histology)	Physics (9.45)	Anatomy I (Histology)*	Anatomy I (Embryology)
10	Psychology IA	Anatomy I (Histology)		Psychology IA	Anatomy I†† (Neurology) (Practical)
11	Anatomy I**		Treatment I (Theory)*		
12	Treatment I (Practical)* (half the class)	Anatomy I	Treatment I (Practical)* (half the class)	Anatomy I	Anatomy I**
2			Anatomy I (Histology) (Practical) (2-4)	Anatomy I (Histology) (Practical)* (2-4)	
3					
4	Treatment I (Theory)†	Physiology		Physiology*	
5.15	Movement I (Theory)††		Psychology IA		

\*First and Second Terms.

\*\*First Term only.

†Second Term only.

††Third Term only.

### SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hos- pital Work I**	Practice of Hos- pital Work I**	Practice of Hos- pital Work I**	Practice of Hos- pital Work I**	Pathology
10	Anatomy II	Anatomy II (Neurology) (1½ Terms)	Anatomy II	Anatomy II (Neurology) (1½ Terms)	
11			Movement II	Treatment II	
12	Treatment II	Treatment II		Electrotherapy I (Theory)	Treatment II
1.30	Practice of Hos- pital Work I at R.A.H. or Q.E.H. (1.30-5)		Practice of Hos- pital Work I at R.A.H. or Q.E.H. (1.30-5)		Practice of Hos- pital Work I at R.A.H. or Q.E.H. (1.30-5)
2		Movement II			
3		Treatment II (Paediatrics**)† (Obstetrics)†		Electrotherapy I (Practical) (3-4.30)	

\*\*Second or Third Term.

†Second Term only.

**DIPLOMA IN PHYSIOTHERAPY—Continued**  
**THIRD YEAR**

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)
2		Movement III (Neuro-muscular re-education)		Movement III (Neuro-muscular re-education)	
3		Treatment III		Treatment III	
4		Treatment III		Electrotherapy II	

NOTE: Practical work at the Hospitals begins on February 3. Students are divided into three groups. They work at the R.A.H. for 16 weeks, at the A.C.H. for 8 weeks and at the Q.E.H. for 8 weeks.



**DIPLOMA IN SOCIAL STUDIES**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
MA92	Human Biology .. .. .	—	4	—	4	—
OO03	Social Work II (New)—Lectures ..	2-4	2-4	—	2-4	—
	Field Work	9-1	9-1	9-1	9-1	9-1
OO63	Social Organisation (New) .. ..	4.15	—	5.15	4.15	—
OO73	Field Work (A)—					
	Second Year .. .. .	8 continuous weeks after annual examinations				
	Third Year .. .. .	12 continuous weeks after annual examinations				
OO84	Field Work (B)—					
	Graduates .. .. .	26 continuous weeks after annual examinations				

For subjects in the Faculties of Arts, Economics and Science see Faculty time tables. The time-table for other subjects, if any, will be placed on the Social Studies notice-board in the Ligertwood Building.

## TIME-TABLES FOR AGRICULTURAL SCIENCE, COMPUTING SCIENCE, DENTISTRY, LAW, MEDICINE, PHYSICAL EDUCATION, AND TECHNOLOGY AND APPLIED SCIENCE.

Particulars of the time-tables for subjects in these courses may, after enrolments are completed, be obtained as follows:

<i>Course</i>	<i>Particulars from</i>
<b>I. AGRICULTURAL SCIENCE</b>	
(a) First- and second-year subjects.	Faculty of Science time-tables (page 1092).
(b) Third-year subjects:	
Agricultural Economics	Faculty of Economics time-tables (page 1085).
Other third-year subjects	The Dean, Waite Agricultural Research Institute.
(c) Fourth-year subjects:	
Economics II and Economic Statistics II	Faculty of Economics time-tables (page 1085).
Genetics II	Faculty of Science time-tables (page 1092).
Other fourth-year subjects	The Dean, Waite Agricultural Research Institute.
<b>II. COMPUTING SCIENCE</b>	
	Department of Computing Science.
<b>III. DENTISTRY</b>	
(a) First-year subjects	Time-tables of the Faculties of Arts (page 1080) and Science (page 1092).
(b) Second- and later-year subjects	Dental School Office.
<b>IV. LAW</b>	
	Law School Office.
<b>V. MEDICINE</b>	
(a) First-year subjects	Time-tables of the Faculties of Arts (page 1080) and Science (page 1092).
(b) Second- and third-year subjects	Departments of Anatomy, Biochemistry, and Human Physiology.
(c) Clinical subjects	Medical School Office.
<b>VI. PHYSICAL EDUCATION</b>	
	Senior Lecturer-in-Charge, 83 Finnis Street, North Adelaide.
<b>VII. TECHNOLOGY AND APPLIED SCIENCE</b> including PHARMACY (Degree)	
	The Academic Secretary South Australian Institute of Technology.

## TABLE OF DEPARTMENTS

DEPARTMENT	CODE	PAGE	DEPARTMENT	CODE	PAGE
Accounting*	TA	---	German Language and Literature	AG	828
Agricultural Biochemistry and Soil Science	WB	754	History	AH	834
Agronomy	WA	756	Human Physiology and Pharmacology	SS	987
Anatomy and Histology	MA	917	Law	LL	906
Animal Physiology	WN	759	Mathematical Physics	SF	975
Architecture and Town Planning	RA	767	Mathematics (Faculty of Science)	SM	976
Biochemistry and General Physiology	SY	953	Mathematics (Faculty of Technology and Applied Science)*	TM	---
Biometrics (sub-department)	WY	760	Mechanical Engineering (Faculty of Engineering)	NM	895
Botany	SB	956	Mechanical Engineering (Faculty of Technology and Applied Science)*	TK	---
Building*	TB	---	Medicine	MM	922
Business Administration*	TU	---	Mental Health	MH	922
Chemical Engineering	NH	876	Metallurgy	TT	---
Chemical Technology*	TH	---	Microbiology	SK	983
Chemistry; see Physical and Inorganic Chemistry and Organic Chemistry	---	---	Mineral Engineering*	TN	---
Child Health	MC	921	Music—Degree (Theory)	UA	925
Civil Engineering (Faculty of Engineering)	NC	883	Music—Degree (Practical)	UB	925
Civil Engineering (Faculty of Technology and Applied Science)*	TC	---	Music—Diploma (Theory)	UC	925
Classics	AC	790	Music—Diploma (Practical)	UD	925
Commerce	EC	869	Obstetrics and Gynaecology	MO	921
Computing Science	SA	965	Organic Chemistry	SO	963
Dental Science	DS	850	Pathology	MP	919
Economic Geology	SE	---	Pharmacy (Degree)	TF	1074
Economics	EE	858	Philosophy	AL	838
Education	AD	797	Physical and Inorganic Chemistry	SC	959
Electrical Engineering (Faculty of Engineering)	NE	889	Physical Education	ZZ	940
Electrical Engineering (Faculty of Technology and Applied Science)*	TE	---	Physiology (see Human Physiology and Pharmacology)	---	---
Electronic Engineering*	TL	---	Physiotherapy	PP	946
English Language and Literature	AE	811	Physics (Faculty of Science)	SP	984
Entomology	WE	760	Physics (Faculty of Technology and Applied Science)*	TP	---
French Language and Literature	AF	818	Plant Pathology	WP	762
General Studies	TG	---	Plant Physiology	WF	763
Genetics	SJ	967	Politics	AP	840
Geography	AJ	824	Psychology	AY	843
Geology, Mineralogy and Palaeontology	SG	971	Social Studies	OO	998
			Statistics	ST	981
			Surgery	MS	923
			Zoology	SZ	990

\* School of the South Australian Institute of Technology.

TABLE OF SUBJECTS

1101

Subject	Syllabus Number	Page
<b>A</b>		
Accompanying .....	UD72	937
Accounting I .....	TA81	1072
Accounting (Business Management) .....	EC00	872
Administration .....	TU92	1072
Administrative Local Government and Industrial Law .....	LL34	915
Agricultural Biochemistry I .....	WB03	754
Agricultural Biochemistry II .....	WB04	754
Agricultural Economics .....	EE83	764
Agricultural Microbiology .....	WP03	762
Agriculture I .....	WA02	756
Agriculture IA .....	WA01	756
Agriculture II .....	WA03	757
Agriculture III .....	WA04	757
Agroonomy .....	WA74	758
Analytical Chemistry .....	T174	1027
Anatomy .....	MA02	917
Anatomy I .....	MA21	946
Anatomy II .....	MA22	948
Ancient History .....	AC72	794
Animal Physiology and Production I .....	WN03	759
Animal Physiology and Production II .....	WN04	759
Applied Chemistry I .....	TH22	1060
Applied Chemistry II .....	TH23	1061
Applied Electronics .....	TL53	1015
Applied Electronics (Short course) .....	TL82	1017
Applied Geology .....	TN93	1033
Applied Geology I .....	TN12	1047
Applied Geology II .....	TN13	1070
Applied Geology and Economic Geography .....	TD62	1010
Applied Mathematics (T) .....	TM42	1001
Applied Mathematics II .....	SM12	978
Applied Mathematics II (T) .....	TM32	1023
Applied Mathematics III .....	SM13	979
Applied Mineralogy .....	TM62	1065
Applied Physical Chemistry .....	TH83	1026
Applied Physics I .....	TP01	1042
Applied Physics IA .....	TP12	1024
Applied Physics IB .....	TP22	1024
Applied Physics IR .....	TP91	1039
Applied Physics II .....	TP02	1062
Applied Physics IIA .....	TP13	1025
Applied Physics IIB .....	TP23	1025
Applied Physics IIC .....	TP03	1063
Applied Physiology and Pharmacology .....	SS74	920
Architectural and Free Drawing .....	RA71	769
Architectural Design and Planning I .....	RA31	768
Architectural Design and Planning II .....	RA32	771
Architectural Design and Planning III .....	RA33	773
Architectural Design and Planning IV .....	RA34	775
Architectural Surveying .....	RA32	772
Architectural Thesis .....	RA75	778
Art History and Appreciation .....	RA81	769
Astronomy .....	TV82	1010
Automatic Control .....	TE73	1014
Automatic Control I .....	TE98	1052
Australian History .....	AH72	837
Australian Literature .....	AE72	814
<b>B</b>		
Basic Engineering Techniques .....	TK81	1050
Basic Engineering Techniques (Part course) .....	TK71	1043
Basic Science Techniques .....	TH91	1059
Basic Science Techniques (M) .....	TT71	1064
Biochemistry .....	SY82	851
Biochemistry .....	SY12	918
Biochemistry I .....	SY02	954
Biochemistry II .....	SY03	954
Biochemistry IIA .....	SY23	954
Biochemistry IIB .....	SY33	954
Biochemistry IIC .....	SY43	955
Biochemistry IIM .....	SY53	955
Biology .....	SZ71	993

Subject	Syllabus Number	Page
Biometry IA .....	WY73	760
Biometry IB .....	WY03	760
Biometry II .....	WY04	760
Body Mechanics .....	ZZ12	941
Bookkeeping and Accounts .....	TA83	1006
Botany I .....	SB01	956
Botany II .....	SB02	956
Botany IIP .....	SB72	957
Botany III .....	SB03	958
Botany IIIA .....	SB13	958
Botany IIIB .....	SB23	958
Botany IIIM .....	SB33	958
Building Accountancy .....	TA93	1042
Building Administration I .....	TD32	1002
Building Administration II .....	TD33	1004
Building Administration III .....	TD43	1005
Building Construction I .....	RA01	767
Building Construction II .....	RA02	769
Building Construction III .....	RA03	772
Building Construction IV .....	RA04	774
Building Construction V .....	RA05	777
Building Construction and Drawing IA .....	TD72	1011
Building Construction and Drawing II .....	TD12	1002
Building Construction and Drawing III .....	TD13	1004
Building Law .....	TB92	1041
Building Science I .....	RA11	767
Building Science II .....	RA12	770
Building Science III .....	RA13	773
Building Science IV .....	RA14	775
Building Science V .....	RA15	777
Building Science IR .....	TB03	1040
Building Science IIR .....	TB03	1041
Building Science II (T) .....	TD02	1001
Building Science III (T) .....	TD03	1004
Business Statistics .....	EC60	875

**C**

Cartography .....	TC92	1048
Chemical Engineering IIA .....	NH13	880
Chemical Engineering IIB .....	NH23	880
Chemical Instrumentation .....	TH63	1061
Chemical Process Kinetics .....	TH53	1061
Chemistry I .....	SC01	959
Chemistry I (T) .....	TH01	1059
Chemistry I (T), Organic .....	TH92	1021
Chemistry II .....	SC12	960
Chemistry IIA (T), Organic .....	TH72	1074
Chemistry II (T), Organic .....	TH12	1060
Chemistry II (T), Physical .....	TH02	1060
Chemistry II (T), Physical (Part course) .....	TH82	1067
Chief Practical Study I .....	UB21	929
Chief Practical Study II .....	UB22	929
Chief Practical Study III .....	UB23	929
Civil Drawing .....	TC61	1043
Civil Engineering I .....	NC02	884
Civil Engineering IIA (New Course) .....	NC03	886
Civil Engineering IIA (Old Course) .....	NC05	883
Civil Engineering IIA (T) .....	TC12	1044
Civil Engineering IIB (New Course) .....	NC13	887
Civil Engineering IIB (Old Course) .....	NC15	883
Civil Engineering IIB (T) .....	TC22	1044
Civil Engineering IIC .....	NC75	883
Civil Engineering IIIA (T) .....	TC13	1045
Civil Engineering IIIB (T) .....	TC23	1046
Civil Engineering IIIC (T) .....	TC33	1046
Civil Engineering A .....	TV33	1008
Civil Engineering A (Min.) .....	TV13	1034
Civil Engineering B .....	TV43	1008
Civil Engineering B (Min.) .....	TV94	1034
Civil Engineering S (T) .....	TC52	1070
Clinical Dentistry I-Part A .....	DS54	855
Clinical Dentistry I-Part B .....	DS64	855
Clinical Dentistry I-Part C .....	DS74	856
Clinical Dentistry II-Part A .....	DS55	857
Clinical Dentistry II-Part B .....	DS65	857
Clinical Dentistry II-Part C .....	DS75	857



TABLE OF SUBJECTS

1103

Subject	Syllabus Number	Page
Geology IIIM	SG63	974
German I	AG01	828
German IA	AG11	831
German II	AG02	829
German IIA	AG12	831
German IIB	AG87	832
German III	AC03	830
German IIIB	AG88	832
German (Elementary)	TG41	1040
Greek I	AC11	793
Greek II	AC12	793
Greek III	AC13	793

H

Health Education	ZZ02	940
Histology	MA13	994
Historical Studies	UC71	937
History IA	AH01	834
History IB	AH11	836
History IIA	AH02	834
History IIB	AH12	836
History IIIA	AH03	834
History IIIB	AH13	837
History and Theory of Science	AD50	809
History of Architecture I	RA21	768
History of Architecture II	RA22	771
History of Building	TD82	1004
History of Education I	AD14	801
History of Education II	AD10	804
History of Music I	UA11	927
History of Music II	UA12	927
History of Music III	UA13	928
History of South-East Asia and Australia	TC21	1040
History of Technology (C.E.)	TG71	1040
History of Technology (S)	TG61	1040
History of Town Planning	RA30	784
Honours Mathematics III	SM08	979

HONOURS

AGRICULTURAL SCIENCE		
Agricultural Biochemistry	WB89	765
Agronomy	WA89	765
Animal Physiology and Production	WN99	765
Entomology	WE99	765
Genetics	SJ79	766
Horticulture	WF99	766
Plant Breeding	WA99	765
Plant Pathology	WP99	766
Plant Physiology	WF89	766
Soil Science	WB99	765
APPLIED SCIENCE		
Applied Chemistry	NH89	905
Primary Metallurgy	NH79	905
Secondary Metallurgy	NH69	905
ARCHITECTURE		
Preliminary Honours	RA98	776
Final Honours	RA99	778
ARTS		
Classics	AC99	796
English Language and Literature		
-Part I	AE89	816
-Part II	AE99	816
French Language and Literature	AF99	823
Geography	AJ99	828
German	AC99	833
History	AH99	838
Latin	AC89	792
Philosophy	AL99	839
Politics	AP99	842
Psychology	AY99	846
Preliminary Honours Music	UA68	849
Final Honours Music	UA69	849
DENTISTRY		
Honours B.D.S.	DS99	850
ECONOMICS		
Economics B.A. and B.Ec.	EE99	868

Subject	Syllabus Number	Page
ENGINEERING		
Chemical	NH99	905
Civil	NC99	905
Electrical	NE99	905
Mechanical	NM99	905
LAW		
Honours Law	LL99	916
MEDICAL SCIENCE		
Anatomy	MA99	924
Biochemistry	SY89	924
Clinical Science	MX99	924
Genetics	SJ89	924
Microbiology	SK89	924
Pathology	MP99	924
Pharmacology	SS79	924
Physiology	SS69	924
Psychology	AY79	924
MUSIC		
Chief Practical Study IV	UB99	939
Composition IV	UA99	938
Musicology IV	UA89	939
Music in Education III	UA79	939
SCIENCE		
Biochemistry	SY99	955
Botany	SB99	959
Computing Science B.A. and B.Sc.	SA99	968
Genetics	SJ99	970
Geology	SG99	975
Mathematics B.A. and B.Sc.	SM99	980
Mathematical Physics	SF99	976
Microbiology	SK99	984
Organic Chemistry	SO99	964
Pharmacology	SS89	989
Physical and Inorganic Chemistry	SC99	963
Physics IV (Honours)	SP99	987
Physiology	SS99	989
Psychology	AY89	997
Statistics B.A. and B.Sc.	ST99	982
Zoology	SZ99	993

Horticultural Science	WF04	763
Human Biology	MA92	942
Human Nutrition	SY73	945
Human Physiology (Medicine) 2nd Year	SS12	919
Human Physiology (Medicine) 3rd Year	SS13	919
Human Physiology (Dentistry) 2nd Year	SS22	851
Human Physiology (Dentistry) 3rd Year	SS23	852
Human Physiology (Physical Education)	SS73	945
Human Relations	EC40	874
Hydraulics (T)	TC73	1007

I

Industrial Economics	TA94	1028
Industrial Instrumentation A	TI93	1025
Industrial Metallurgy I	TT22	1067
Industrial Metallurgy IA	TT92	1065
Industrial Metallurgy II	TT23	1068
Industrial Metallurgy A	TT43	1032
Industrial Microbiology I	TI13	1028
Industrial Microbiology II	TI14	1029
Industrial Sociology	EC23	871
International Law	LL23	911
Introductory Mineral Processing	TT53	1030
Investment Planning and Business Finance	EC10	873

J

Jurisprudence	LL03	910
---------------	------	-----

L

Land Surveying Design and Drafting	TV53	1012
Land Use	TB82	1048







## TABLE OF SUBJECTS

Subject	Syllabus Number	Page	Subject	Syllabus Number	Page
<b>U</b>					
Unit Operations .....	TI94	1027	Workshop Practice II .....	TJ33	1015
Urban and Regional Planning and Urban Design I .....	RA64	776	<b>Z</b>		
Urban and Regional Planning and Urban Design II .....	RA65	777	Zoology I .....	SZ01	990
<b>V</b>					
Vacation Course in Workshop Practice .....	NE83	892	Zoology II .....	SZ02	990
			Zoology III .....	SZ03	992
			Zoology IIIA .....	SZ13	992
			Zoology IIIB .....	SZ23	992
			Zoology IIIC .....	SZ33	992
			Zoology IIIM .....	SZ43	992

TABLE OF SYLLABUS NUMBERS

1107

Syllabus Numbers	Subject	Page	Syllabus Numbers	Subject	Page
AC01	Latin I	791	AF01	Politics I	840
AC02	Latin II	791	AF02	Politics II	840
AC03	Latin III	791	AF03	Politics IIIA	841
AC11	Greek I	793	AP13	Politics IIIB	842
AC12	Greek II	793	AP99	Honours Politics	842
AC13	Greek III	793	AY01	Psychology I	843
AC23	Comparative Philology	795	AY02	Psychology II	844
AC71	Elementary Greek	792	AY23	Psychology III	845
AC72	Ancient History	794	AY71	Psychology IA	843
AC89	Honours Latin	792	AY73	Physiological Psychology	945
AC99	Honours Classics	796	AY79	Psychology (Hons. B.Med.Sc.)	924
AD00	Theory of Education II	803	AY82	Psychology I(S)	995
AD01	Education	797	AY83	Psychology II(S)	996
AD04	Theory of Education I	800	AY89	Honours Psychology (B.Sc.)	997
AD10	History of Education II	804	AY99	Honours Psychology	846
AD11	Educational Psychology IA	797	DS02	Oral Anatomy	852
AD14	History of Education I	801	DS12	Dental Materials and Technics	852
AD20	Sociology of Education II	805	DS13	Restorative Dentistry	853
AD21	Practical Teaching and Methodology A (Pre-Primary)	799	DS23	Oral Pathology	853
AD24	Sociology of Education I	801	DS33	Microbiology	853
AD30	Educational Psychology II	806	DS34	General Medicine	854
AD31	Practical Teaching and Methodology A (Primary)	799	DS44	General Surgery	854
AD34	Educational Psychology I	802	DS54	Clinical Dentistry I-Part A	855
AD40	Comparative Education	808	DS55	Clinical Dentistry II-Part A	857
AD41	Practical Teaching and Methodology A (Secondary)	800	DS64	Clinical Dentistry I-Part B	855
AD44	Practical Teaching and Methodology B	802	DS65	Clinical Dentistry II-Part B	857
AD50	History and Theory of Science	809	DS74	Clinical Dentistry I-Part C	856
AE01	English I	811	DS75	Clinical Dentistry II-Part C	857
AE02	English II	812	EC00	Accounting (Business Management)	872
AE03	English III	813	EC01	Elements of Accounting	869
AE72	Australian Literature	814	EC02	Management Accounting	869
AE87	Old and Middle English I	815	EC03	Financial Accounting	870
AE88	Old and Middle English II	816	EC10	Investment Planning and Business Finance	873
AE89	Honours English Language and Literature Part I	816	EC13	Commercial Law	871
AE99	Honours English Language and Literature Part II	816	EC20	Social and Political Institutions and Thought	873
AF01	French I	818	EC23	Industrial Sociology	871
AF02	French II	819	EC30	Economic Institutions and Policy	873
AF03	French III	821	EC40	Human Relations	874
AF77	Old and Middle French I	822	EC50	Economic and Accounting Analysis	875
AF78	Old and Middle French II	822	EC60	Business Statistics	875
AF99	Honours French Language and Literature	823	EC70	Decision-making	875
AG01	German I	828	EE01	Economics I	859
AG02	German II	829	EE02	Economics II	860
AG03	German III	830	EE03	Economics III	861
AG11	German IA	831	EE12	Economic Development I	864
AG12	German IIA	831	EE13	Economic Development II	865
AG74	Science German	833	EE23	Economic Statistics I	865
AG87	German IIB	832	EE23	Economic Statistics II	866
AG88	German IIIB	832	EE41	Mathematics (Economics)	867
AG99	Honours German	833	EE52	Public Finance	867
AH01	History IA	834	EE68	Economic Theory	868
AH02	History IIA	834	EE71	Social Economics	868
AH03	History IIIA	834	EE89	Agricultural Economics	764
AH11	History IB	836	EE99	Honours Economics	868
AH12	History IIB	836	LL01	Elements of Law	906
AH13	History IIIB	837	LL02	The Law of Contract	908
AH72	Australian History	837	LL03	Jurisprudence	910
AH99	Honours History	838	LL04	Private International Law	913
AJ01	Geography I	824	LL05	Taxation Law	916
AJ02	Geography II	825	LL11	Constitutional Law I	907
AJ03	Geography III	826	LL12	The Law of Torts	908
AJ71	Economic Geography	827	LL13	Roman Law	911
AJ83	Geography IIC	994	LL14	Family Law	914
AJ99	Honours Geography	828	LL21	Criminal Law and Procedure	907
AL01	Philosophy I	838	LL22	The Law of Property	909
AL02	Philosophy II	839	LL23	International Law	911
AL03	Philosophy IIIA	839	LL24	Mercantile Law II	914
AL13	Philosophy IIIB	839	LL32	Constitutional Law II	909
AL99	Honours Philosophy	839	LL33	Legal History	912
			LL34	Administrative, Local Government and Industrial Law	915
			LL43	Equity	912
			LL44	The Law of Evidence and Procedure	915
			LL53	Mercantile Law I	913
			LL54	Legal Ethics and Accounts	916
			LL99	Honours Law	916

Syllabus Numbers	Subject	Page	Syllabus Numbers	Subject	Page
MA02	Anatomy	917	OO73	Field Work A	999
MA13	Histology	994	OO84	Field Work B	999
MA21	Anatomy I	946	PP01	Treatment I	947
MA22	Anatomy II	948	PP02	Treatment II	948
MA72	General Anatomy	851	PP03	Treatment III	951
MA82	General and Dental Histology	851	PP11	Movement I	948
MA92	Human Biology	942	PP12	Movement II	949
MA99	Anatomy (Hons. B.Med.Sc.)	924	PP13	Movement III	951
MC75	Pediatrics	921	PP22	Electrotherapy I	950
MM76	Medicine	922	PP23	Electrotherapy II	952
MO75	Obstetrics and Gynaecology	921	PP32	Practice of Hospital Work I	951
MP73	General Pathology	852	PP33	Practice of Hospital Work II	952
MP74	Pathology	919	PP43	Physical Medicine	952
MP99	Pathology (Hons. B.Med.Sc.)	924	PP71	Physics (Physiotherapy)	947
MS76	Surgery	923	PP82	Pathology	950
MX99	Clinical Science (Hons. B.Med.Sc.)	924	RA00	Theory and Practice of Town Planning I	782
NC02	Civil Engineering I	884	RA01	Building Construction I	767
NC03	Civil Engineering IIA (New Course)	886	RA02	Building Construction II	769
NC05	Civil Engineering IIA (Old Course)	883	RA03	Building Construction III	772
NC13	Civil Engineering IIB (New Course)	887	RA04	Building Construction IV	774
NC15	Civil Engineering IIB (Old Course)	883	RA05	Building Construction V	777
NC21	Structural Mechanics	767	RA10	Theory and Practice of Town Planning II	783
NC22	Structures I	770	RA11	Building Science I	767
NC23	Structures II	772	RA12	Building Science II	770
NC24	Structures III	775	RA13	Building Science III	773
NC25	Structures IV	777	RA14	Building Science IV	775
NC75	Civil Engineering IIC	883	RA15	Building Science V	777
NC85	Survey Camp (Second)	884	RA20	Theory and Practice of Town Planning III	783
NC99	Honours Civil Engineering	905	RA21	History of Architecture I	768
NE03	Electrical Engineering I	892	RA22	History of Architecture II	771
NE05	Electrical Engineering IIIA	889	RA30	History of Town Planning	784
NE13	Electrical Engineering II	893	RA31	Architectural Design and Planning I	768
NE15	Electrical Engineering IIIB	890	RA32	Architectural Design and Planning II	771
NE25	Electrical Engineering IIC	890	RA33	Architectural Design and Planning III	773
NE36	Electrical Engineering B	891	RA34	Architectural Design and Planning IV	775
NE83	Vacation Course in Workshop Practice	892	RA40	Environmental Design	784
NE99	Honours Electrical Engineering	905	RA41	Studio Work I	769
NH05	Process Engineering IIIA Unit Operations II	876	RA42	Studio Work II	772
NH13	Chemical Engineering IIA	880	RA43	Studio Work III	774
NH23	Chemical Engineering IIB	880	RA44	Studio Work IV	776
NH69	Honours Secondary Metallurgy	905	RA45	Studio Work V	778
NH75	Process Engineering IIIB Unit Processes II	877	RA50	Elements of Statistics	784
NH79	Honours Primary Metallurgy	905	RA53	Professional Practice I	774
NH85	Process Engineering IIIC Industrial Economics	877	RA54	Professional Practice II	776
NH89	Honours Applied Chemistry	905	RA55	Professional Practice III	778
NH95	Process Engineering IIID Plant Design	877	RA60	Social and Economic Aspects of Planning	784
NH99	Honours Chemical Engineering	905	RA64	Urban and Regional Planning and Urban Design I	776
NM02	Mechanical Engineering I	899	RA65	Urban and Regional Planning and Urban Design II	777
NM03	Mechanical Engineering IIA (New Course)	901	RA70	Law in Relation to Planning	785
NM05	Mechanical Engineering IIA (Old Course)	895	RA71	Architectural and Free Drawing	769
NM13	Mechanical Engineering IIB (New Course)	902	RA75	Architectural Thesis	778
NM15	Mechanical Engineering IIB (Old Course)	896	RA80	Physical Basis of Planning	785
NM75	Mechanical Engineering IIC	898	RA81	Art History and Appreciation	769
NM85	Engineering Management	898	RA82	Architectural Surveying	772
NM99	Honours Mechanical Engineering	905	RA90	Engineering Aspects of Planning	785
NX01	Engineering I	878	RA98	Preliminary Honours Architecture	776
NX02	Engineering IIH	879	RA99	Final Honours Architecture	778
NX03	Engineering IIH	881	SA03	Computing Science IIIM	966
NX12	Engineering IIC	885	SA04	Numerical Analysis	966
NX13	Engineering IIIC	887	SA13	Computing Science IIIA	965
NX23	Engineering IIIE	893	SA14	Programming Languages A	967
NX33	Engineering IIIE	894	SA23	Computing Science IIIB	966
NX42	Engineering IIIM	900	SA24	Theory of Systems	967
NX43	Engineering IIIM	902	SA34	Projects	967
OO03	Social Work II (New)	998	SA99	Honours Computing Science	968
OO63	Social Organisation (New)	999	SB01	Botany I	956
			SB02	Botany II	956
			SB03	Botany III	958
			SB13	Botany IIIA	958
			SB23	Botany IIIB	958
			SB33	Botany IIIM	958
			SB72	Botany IIP	957
			SB99	Honours Botany	959

TABLE OF SYLLABUS NUMBERS

1109

Syllabus Numbers	Subject	Page	Syllabus Numbers	Subject	Page
SC01	Chemistry I	959	ST02	Mathematical Statistics I	981
SC02	Physical and Inorganic Chemistry II	960	ST03	Mathematical Statistics II	981
SC03	Physical and Inorganic Chemistry IIIA	962	ST99	Honours Statistics IV (B.A. to B.Sc.)	982
SC12	Chemistry II	960	SY02	Biochemistry I	954
SC13	Physical and Inorganic Chemistry IIIB	962	SY03	Biochemistry II	954
SC73	Physical and Inorganic Chemistry IIIM	963	SY12	Biochemistry	918
SC99	Honours Physical and Inorganic Chemistry	963	SY23	Biochemistry IIA	954
SF03	Mathematical Physics A	975	SY33	Biochemistry IIB	954
SF13	Mathematical Physics B	976	SY43	Biochemistry IIC	955
SF99	Honours Mathematical Physics	976	SY53	Biochemistry IIIM	955
SG01	Geology I	971	SY73	Human Nutrition	945
SG02	Geology II	971	SY82	Biochemistry	851
SG03	Geology III	974	SY89	Biochemistry (Hons. B.Med.Sc.)	924
SG13	Palaeontology	974	SY99	Honours Biochemistry	955
SG23	Geology IIIA	974	SZ01	Zoology I	990
SG33	Geology IIIB	974	SZ02	Zoology II	990
SG43	Geology IIIM	974	SZ03	Zoology III	992
SG53	Geology IIIC	974	SZ13	Zoology IIIA	992
SG63	Geology IIID	974	SZ23	Zoology IIIB	992
SG71	Geology I (Agriculture)	763	SZ33	Zoology IIIC	992
SG93	Geology IA	1030	SZ43	Zoology IIIM	992
SG99	Honours Geology	975	SZ71	Biology	993
SJ02	Genetics I	968	SZ99	Honours Zoology	993
SJ03	Genetics II	968	TA73	Principles of Business and Industry A	1023
SJ79	Honours Genetics (B.Ag.Sc.)	766	TA81	Accounting I	1072
SJ89	Genetics (Hons. B.Med.Sc.)	924	TA82	Principles of Business and Industry B	1036
SJ99	Honours Genetics B.Sc.	970	TA83	Bookkeeping and Accounts	1006
SK03	Microbiology	983	TA92	Economics (T)	1037
SK13	Microbiology A	983	TA93	Building Accountancy	1042
SK23	Microbiology B	984	TA94	Industrial Economics	1028
SK74	Microbiology	920	TB02	Building Science IR	1040
SK89	Microbiology (Hons. B.Med.Sc.)	924	TB03	Building Science IIR	1041
SK99	Honours Microbiology	984	TB12	Design of Structures IR	1041
SM01	Mathematics I	977	TB13	Design of Structures IIR	1041
SM02	Pure Mathematics II	977	TB21	Tectonics I	1039
SM03	Pure Mathematics III	979	TB22	Tectonics IIB	1041
SM08	Honours Mathematics III	979	TB23	Tectonics IIIB	1041
SM12	Applied Mathematics II	978	TB82	Land Use	1048
SM13	Applied Mathematics III	979	TB92	Building Law	1041
SM71	Mathematics IS	976	TC01	Surveying I	1045
SM99	Honours Mathematics B.A. and B.Sc.	980	TC02	Surveying IIA	1047
SO02	Organic Chemistry II	963	TC03	Surveying IIB	1049
SO03	Organic Chemistry III	964	TC12	Civil Engineering IIA (T)	1044
SO13	Organic Chemistry IIIA	964	TC13	Civil Engineering IIA (T)	1045
SO23	Organic Chemistry IIIB	964	TC22	Civil Engineering IIB (T)	1044
SO33	Organic Chemistry IIIC	964	TC23	Civil Engineering IIB (T)	1046
SO43	Organic Chemistry IIIM	964	TC33	Civil Engineering IIIC (T)	1046
SO99	Honours Organic Chemistry	964	TC43	Engineering (T)	1049
SP01	Physics I	985	TC52	Civil Engineering S (T)	1070
SP02	Physics II	985	TC53	Engineering Computations	1046
SP03	Physics III	986	TC61	Civil Drawing	1043
SP08	Physics IIIB	986	TC62	Surveying IB	1003
SP99	Honours Physics IV	987	TC63	Geodesy	1049
SS02	Physiology I	987	TC72	Surveying IIB	1048
SS03	Physiology II	988	TC73	Hydraulics (T)	1007
SS12	Human Physiology	919	TC82	Survey Camp	1009
SS22	Human Physiology	851	TC83	Photogrammetry	1012
SS23	Human Physiology	852	TC92	Cartography	1048
SS33	Physiology IIA	988	TC93	Structural Design	1046
SS43	Physiology IIB	988	TD02	Building Science II (T)	1001
SS53	Physiology IIIM	988	TD03	Building Science III (T)	1004
SS69	Physiology (Hons. B.Med.Sc.)	924	TD12	Building Construction and Drawing II	1002
SS73	Human Physiology	945	TD13	Building Construction and Drawing III	1004
SS74	Applied Physiology and Pharmacology	920	TD22	Quantity Surveying II	1003
SS79	Pharmacology (Hons. B.Med.Sc.)	924	TD23	Quantity Surveying III	1005
SS81	Physiology (Physiotherapy)	947	TD32	Building Administration I	1002
SS89	Honours Pharmacology	989	TD33	Building Administration II	1004
SS99	Honours Physiology	989	TD43	Building Administration III	1005
			TD62	Applied Geology and Economic Geography	1010
			TD72	Building Construction and Drawing IA	1011
			TD73	Estimating and Costing	1006
			TD82	History of Building	1004
			TD83	Methods of Construction and Management	1008
			TD92	Town Planning Practice I	1010
			TD93	Design of Structures	1005

## TABLE OF SYLLABUS NUMBERS

Syllabus Numbers	Subject	Page	Syllabus Numbers	Subject	Page
TE02	Electrical Engineering IA	1051	TK01	Engineering Mechanics I	1055
TE03	Electrical Engineering IIA	1052	TK02	Engineering Mechanics II	1056
TE12	Electrical Engineering IB	1051	TK03	Engineering Mechanics III	1058
TE13	Electrical Engineering IIB	1052	TK11	Engineering Manufacturing Practice I	1056
TE22	Electrical Engineering II (T)	1013	TK12	Production Technology I (T)	1057
TE23	Electrical Engineering III (T)	1014	TK13	Production Technology II (T)	1058
TE62	Electrical Engineering Circuits	1024	TK22	Mechanical Design I	1056
TE63	Electrical Engineering SK (T)	1069	TK23	Mechanical Design II	1058
TE72	Electrical Engineering SC (T)	1045	TK32	Mechanical Engineering A (T)	1014
TE73	Automatic Control	1014	TK33	Thermo-Fluid Dynamics II	1057
TE82	Electrical Engineering SE (T)	1053	TK61	Engineering Mechanics IA	1043
TE83	Electrical Engineering IIA (T)	1009	TK71	Basic Engineering Techniques (Part Course)	1043
TE91	General Electrical Engineering A	1050	TK81	Basic Engineering Techniques	1050
TE92	Electrical Engineering SP (T)	1062	TK82	Thermo-Fluid Dynamics I	1051
TE93	Automatic Control I	1052	TK83	Electrical and Civil Engineering S	1059
TF02	Pharmaceutical Chemistry I	1074	TK91	Engineering Drawing	1056
TF03	Pharmaceutical Chemistry II	1075	TK92	Mechanical Design S	1051
TF12	Pharmaceutics I	1075	TK93	Mechanical Engineering Projects	1058
TF13	Pharmaceutics II	1076	TL02	Electronic Engineering IA	1053
TF73	Physiology and Pharmacology	1076	TL03	Electronic Engineering IIA	1054
TF83	Forensic Pharmacy and Pharmaceutical Practice	1076	TL12	Electronic Engineering IB	1054
TL03	Forensic Pharmacy and Pharmaceutical Practice	1076	TL13	Electronic Engineering IIB	1054
TL13	Forensic Pharmacy and Pharmaceutical Practice	1076	TL23	Electronic Engineering IIC	1055
TL23	Forensic Pharmacy and Pharmaceutical Practice	1076	TL32	Communication Engineering I	1016
TL32	Forensic Pharmacy and Pharmaceutical Practice	1076	TL33	Communication Engineering II	1017
TL33	Forensic Pharmacy and Pharmaceutical Practice	1076	TL53	Applied Electronics	1015
TL53	Forensic Pharmacy and Pharmaceutical Practice	1076	TL63	Electronic Engineering Design	1018
TL63	Forensic Pharmacy and Pharmaceutical Practice	1076	TL73	Electronic Measurements	1018
TL73	Forensic Pharmacy and Pharmaceutical Practice	1076	TL82	Applied Electronics (Short Course)	1017
TL82	Forensic Pharmacy and Pharmaceutical Practice	1076	TL83	Electronics and Logical Design	1036
TL83	Forensic Pharmacy and Pharmaceutical Practice	1076	TL92	Electronics (T)	1063
TL92	Forensic Pharmacy and Pharmaceutical Practice	1076	TL93	Pulse Techniques	1018
TL93	Forensic Pharmacy and Pharmaceutical Practice	1076	TM01	Mathematics IA	1042
TM01	Chemistry I (T)	1059	TM02	Mathematics IIA	1043
TM02	Chemistry II (T), Physical	1060	TM03	Mathematics IIIA	1063
TM03	Chemistry II (T), Organic	1060	TM12	Mathematics IIB	1051
TM12	Applied Chemistry I	1060	TM13	Mathematics IIC	1052
TM13	Applied Chemistry II	1061	TM21	Programming I	1071
TM21	Applied Chemistry I	1061	TM22	Programming II	1072
TM22	Chemical Process Kinetics	1061	TM23	Programming III	1073
TM23	Chemical Instrumentation	1061	TM32	Applied Mathematics II (T)	1023
TM32	Chemistry IIA (T) Organic	1074	TM33	Numerical Mathematics	1073
TM33	Transfer Operations	1061	TM42	Applied Mathematics (T)	1001
TM42	Engineering Chemistry and Materials	1039	TM43	First Project	1037
TM43	Engineering Chemistry and Materials	1039	TM53	Numerical Mathematics I	1036
TM53	Engineering Chemistry and Materials	1039	TM62	Mechanics (T)	1024
TM62	Engineering Chemistry and Materials	1039	TM63	Operations Research I	1073
TM63	Engineering Chemistry and Materials	1039	TM64	Theory of Systems (T)	1037
TM64	Engineering Chemistry and Materials	1039	TM71	Mathematics I (Engineering)	1006
TM71	Engineering Chemistry and Materials	1039	TM73	Systems Analysis	1073
TM73	Engineering Chemistry and Materials	1039	TM74	Operations Research	1038
TM74	Engineering Chemistry and Materials	1039	TM82	Mechanics I (T)	1062
TM82	Engineering Chemistry and Materials	1039	TM83	Contract Programming (Computer Programming)	1042
TM83	Engineering Chemistry and Materials	1039	TM84	Numerical Mathematics II	1037
TM84	Engineering Chemistry and Materials	1039	TM91	Mathematics IB	1038
TM91	Engineering Chemistry and Materials	1039	TM92	Statistics	1036
TM92	Engineering Chemistry and Materials	1039	TM93	Programming Project	1064
TM93	Engineering Chemistry and Materials	1039	TN02	Mineral Engineering I	1031
TN02	Process Technology I	1027	TN04	Mineral Engineering II	1035
TN04	Process Technology II	1027	TN12	Applied Geology I	1047
TN12	Industrial Microbiology I	1023	TN13	Applied Geology II	1070
TN13	Industrial Microbiology II	1029	TN73	Mineral Engineering B	1071
TN73	Industrial Microbiology II	1029	TN83	Mineral Engineering A	1070
TN83	Organic Chemistry IIA	1026	TN93	Applied Geology	1033
TN93	Organic Chemistry IIA	1026	TN94	Mineral Exploration	1035
TN94	Analytical Chemistry	1027	TP01	Applied Physics I	1042
TP01	Analytical Chemistry	1027	TP02	Applied Physics II	1062
TP02	Applied Physical Chemistry	1026	TP03	Applied Physics III	1063
TP03	Process Control (T)	1019	TP12	Applied Physics IA	1024
TP12	Process Control (T)	1019	TP13	Applied Physics IIA	1025
TP13	Chemistry I (T)-Organic	1021	TP22	Applied Physics IB	1024
TP22	Industrial Instrumentation A	1025	TP23	Applied Physics IIB	1025
TP23	Industrial Instrumentation A	1025	TP72	Electron Physics	1017
TP72	Unit Operations	1027	TP91	Applied Physics IR	1039
TP91	Unit Operations	1027	TP92	Physics IIE	1053
TP92	Unit Operations	1027	TP93	Control Studies	1064
TP93	Unit Operations	1027			
TJ01	Mechanical Engineering I (T)	1026			
TJ03	Mechanical Engineering III (T)	1020			
TJ12	Engineering Drawing and Design II	1007			
TJ22	Refrigeration Engineering II	1021			
TJ23	Refrigeration Engineering III	1022			
TJ33	Workshop Practice II	1015			
TJ63	Materials and Structures (Part Course)	1030			
TJ73	Materials and Structures	1026			
TJ82	Strength of Materials (T)	1014			
TJ83	Machine Design	1015			
TJ92	Engineering Dynamics I	1019			
TJ93	Machine Design Project	1020			

TABLE OF SYLLABUS NUMBERS

1111

Syllabus Numbers	Subject	Page	Syllabus Numbers	Subject	Page
TT02	Physical Metallurgy IA	1067	UC11	Modern Languages I	933
TT03	Physical Metallurgy IIA	1068	UC12	Modern Languages II	933
TT12	Metallography I	1068	UC13	Modern Languages III	933
TT13	Metallography II	1069	UC21	Principles of Class Music Teaching I	935
TT22	Industrial Metallurgy I	1067	UC22	Principles of Class Music Teaching II	935
TT23	Industrial Metallurgy II	1068	UC23	Principles of Class Music Teaching III	936
TT24	Physical Metallurgy Projects	1033	UC31	The Scope of School Music I	936
TT33	Physical Metallurgy I	1032	UC32	The Scope of School Music II	936
TT34	Physical Metallurgy II	1032	UC33	The Scope of School Music III	936
TT43	Industrial Metallurgy A	1032	UC71	Historical Studies	937
TT44	Extractive Metallurgy I	1031	UD72	Accompanying	937
TT52	Fluid and Particle Dynamics	1061	UC73	Literature of Music	937
TT53	Introductory Mineral Processing	1030	UC83	Methods of Teaching	938
TT54	Metallurgical Thermodynamics and Kinetics	1033	UC93	Musical Criticism and Aesthetics	938
TT62	Applied Mineralogy	1065	UD01	Principal Study I	933
TT63	Mineral Processing A	1066	UD02	Principal Study II	933
TT64	Mineral Processing	1030	UD03	Principal Study III	933
TT71	Basic Science Techniques (M)	1064	UD11	Second Study I	933
TT72	Extractive Metallurgy IB	1065	UD12	Second Study II	933
TT73	Extractive Metallurgy II	1066	UD13	Second Study III	933
TT74	Metal Fabrication	1020	UD21	Practical Tests I	933
TT81	Engineering Materials A	1060	UD22	Practical Tests II	934
TT82	Engineering Materials	1015	UD23	Practical Tests III	934
TT83	Metallography IA	1066	UD31	Speech Training I	934
TT84	Primary Metallurgy Projects	1031	UD32	Speech Training II	934
TT91	Materials Science (T)	1065	UD42	Ensemble Playing I	937
TT92	Industrial Metallurgy IA	1065	UD43	Ensemble Playing II	937
TT93	Metallurgy for Physicists	1063	UD73	Concerto	938
TT94	Foundry Practice	1021	WA01	Agriculture IA	756
TU92	Administration	1072	WA02	Agriculture I	756
TU94	Supervision-Human Relations	1005	WA03	Agriculture II	757
TV02	Structures I (T)	1006	WA04	Agriculture III	757
TV03	Structures II (T)	1008	WA74	Agronomy	758
TV12	Structures IA (T)	1003	WA84	Plant Breeding I	758
TV13	Civil Engineering A (Min.)	1034	WA89	Honours Agronomy	765
TV14	Structures IIA (T)	1035	WA99	Honours Plant Breeding	765
TV21	Surveying I (T)	1007	WB03	Agricultural Biochemistry I	754
TV22	Surveying II	1009	WB04	Agricultural Biochemistry II	754
TV33	Civil Engineering A	1008	WB13	Soil Science I	754
TV43	Civil Engineering B	1008	WB14	Soil Science II	755
TV53	Land Surveying Design and Drafting	1012	WB73	Soil Science IA	755
TV63	Land Valuation Principles and Practice	1013	WB83	Soil Science IB	755
TV73	Planning Law	1013	WB89	Honours Agricultural Biochemistry	765
TV82	Astronomy	1010	WB99	Honours Soil Science	765
TV83	Soils Investigation	1012	WE03	Entomology and Plant Pathology	760
TV92	Surveying Computation	1010	WE04	Entomology II	761
TV93	Surveying Law	1012	WE99	Honours Entomology	765
TV94	Civil Engineering B (Min.)	1034	WF03	Crop Physiology	763
UA01	Theory of Music I	926	WF04	Horticultural Science	763
UA02	Theory of Music II	926	WF89	Honours Plant Physiology	766
UA03	Theory of Music III	926	WF99	Honours Horticulture	766
UA11	History of Music I	927	WN03	Animal Physiology and Production I	759
UA12	History of Music II	927	WN04	Animal Physiology and Production II	759
UA13	History of Music III	928	WN99	Honours Animal Physiology and Production	765
UA21	Composition I	929	WP03	Agricultural Microbiology	762
UA22	Composition II	929	WP04	Plant Pathology II	762
UA23	Composition III	929	WP99	Honours Plant Pathology	766
UA31	Musicology I	931	WY03	Biometry IB	760
UA32	Musicology II	931	WY04	Biometry II	760
UA33	Musicology III	931	WY73	Biometry IA	760
UA41	Music in Education I	931	ZZ02	Health Education	940
UA42	Music in Education II	932	ZZ12	Body Mechanics	941
UA51	Music I	847	ZZ13	Clinical Observation and Remedial Work	943
UA52	Music II	847	ZZ22	First Aid	941
UA53	Music III	848	ZZ32	Practice of Physical Education	941
UA63	Preliminary Honours Music	849	ZZ43	Principles of Physical Education	944
UA68	Honours Music (Final)	849	ZZ62	Practical Work, Part I	942
UA69	Music in Education III	939	ZZ63	Practical Work, Part II	944
UA79	Musicology IV	939	ZZ73	Practical Teaching	945
UA89	Composition IV	938			
UB01	Practice of Music I	925			
UB02	Practice of Music II	925			
UB03	Practice of Music III	925			
UB21	Chief Practical Study I	929			
UB22	Chief Practical Study II	929			
UB23	Chief Practical Study III	929			
UB99	Chief Practical Study IV	939			



## THE SENATE

The Senate of the University consists of all graduates admitted to a degree of Master or Doctor and of all other graduates of the University of three years' standing. A graduate of another University admitted to a degree in the University of Adelaide shall reckon his standing from the date of his graduation in such other University.

## PAST AND PRESENT GRADUATES

His Royal Highness George Frederick Ernest Albert, Duke of Cornwall and York (His late Majesty King George V.), LL.D. (Cambridge, 1894)	1901
His Royal Highness Edward Albert Christian George Andrew Patrick David, Prince of Wales (afterwards His Majesty King Edward VIII.), LL.D. (D.C.L. Oxford, 1919)	1920
His Royal Highness Albert Frederick Arthur George, Duke of York (His late Majesty King George VI.), LL.D. (Cambridge, 1922)	1927
His Royal Highness Henry William Frederick Albert Duke of Gloucester, LL.D. (Cambridge, 1934)	1935

This list was revised in 1931, in 1941, in 1951, and in 1961 by the omission of deceased graduates; it will be similarly revised in 1971. For former Lists see Calendars for 1930, 1940, 1950 and 1960.

A	
Abbie, Alison Ruth, LL.B.	1958
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941)	1945
Abbie, Elizabeth Mary, B.A.	1962
Abbot, Jeffrey John, B.Arch.	1964
Abbot, Ralph Haldane, B.Sc.	1965
Abbott, Clifford Alexander, B.Sc.	1952
Abbott, Charles Anthony Lempriere, LL.B.	1947
Abbott, Derek Athol Lempriere, LL.B.	1950
Abbott, Geoffrey Joseph, B.E.	1921
Abbott, Howard Lockyer, B.A.	1952
Abbott, John Wayne, LL.B.	1965
Abbott, Jonathan William Lewis, LL.B.	1967
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1943
Abbott, Michael Lewis, LL.B.	1965
Abbott, Nigel Basil Gresley, M.B., B.S.	1916
Abbott, Nigel Drury Gresley, M.B., B.S.	1944
Abbott, Warwick Donald Francis, B.Sc.	1960
Abbott-Young, Peter Colebrook, B.A. (Cambridge, 1952)	1965
Abdul Majeed, Siti Khalsom Ruby, M.B., B.S.	1959
Abdullah, Faridah, B.Sc.	1964
Abdullah, Sohni Binti, B.D.S.	1963
Abel, Donald Edward, B.App.Sc.	1968
Abele, Charles, Ph.D. (B.Sc., 1957)	1962
Abotomey, Olive Wanda, B.A.	1930
Abraham, Samuel Clifford Ethermanasingham, M.B., B.S.	1959
Abrahamson, Brian, Ph.D. (Chicago, 1957)	1966
Ackland, Anthony William, B.Sc.	1963
Ackland, David Harrington, B.Tech.	1965
Ackland, Margaret, B.A.	1965
Ackland, Martin Clyde, B.App.Sc.	1968
Acott, Brenton, Ph.D. (B.Sc., 1963)	1968
Adam, Campbell Paterson, B.E.	1961
Adam, Elizabeth Anderson, B.A.	1949
Adamek, Valerian, B.A.	1968
Adams, Anthony Charles Irvine, M.B., B.S.	1960
Adams, Arthur John Sorby, B.Sc.	1926
Adams, Colin Francis, B.E.	1934
Adams, Dorothy Sorby, M.B., B.S.	1922
Adams, Douglas Charles, B.Tech.	1959
Adams, Edward James Stanley, B.E.	1941
Adams, Graeme Sorby, M.B., B.S.	1956
Adams, James Harold, B.A.	1964
Adams, Jeremy Sorby, B.E.	1963
Adams, John Clifford, B.Ec.	1955
Adams, John Clyde, B.E.	1941
Adams, Murray Keith, B.Sc.	1966
Adams, Raelene Joyce, B.A.	1968
Adams, Reginald Austin Sorby, B.A.	1966
Adams, Reginald Keith Sorby, M.A. (B.A., 1922)	1926
Adams, Roderic John Denis, B.Ec.	1968
Adamson, Peter David, B.A.	1967
Adamson, Robert MacFarlane, B.Sc.	1963
Adderley, William, B.E.	1966
Addison, Michael, M.B., B.S. (M.B., B.Ch. Witswatersrand, 1951)	1963
Addison, Stanley Simpson, B.Sc.	1908
Adey, Colin Richard, B.Sc. (Eng.)	1942
Adey, Kyn Llewellyn, B.A.	1968
Adey, William Ross, M.D., (M.B., B.S., 1943)	1949
Adlam, Kenneth Charles, B.E.	1952
Adlam, Robert Delbridge, B.A.	1957
Adlard, John, B.Tech.	1966
Ah Toy, Laurence Cheong, B.Ec.	1961
Ahern, Kevin Barry, LL.B.	1951
Ahmed, Hassanali Walji, B.Sc.	1965
Ahrens, Elsie Gladys, B.A.	1955
Ahrens, Richard Walter, B.Sc.	1960
Aidinis, Sydney John, M.B., B.S.	1965
Aistrop, Stanley Thomas, B.A.	1954
Aitchison, Erica Nancy, B.A.	1931
Aitchison, Gordon Douglas, M.E. (B.E., 1938)	1952
Aitchison, Gordon James, Ph.D. (B.Sc., 1939; M.Sc., 1945)	1957
Aitchison, Gordon John, B.E.	1927
Aitken, Ellen Raelene, B.Sc.	1963
Aitken, Gilbert William Elliot, M.B., B.S.	1943
Akhtar, Muhammad Yaqub, B.E.	1966
Akkermans, Charles Henry, M.B., B.S.	1959
Aladjem, Racheline, B.Sc.	1967
Albrecht, Martin Carl, B.Tech.	1964
Albrecht, Tony Joy, M.B., B.S.	1967
Alcock, Dudley Harold, B.A.	1943
Alcock, John Francis, B.Sc.	1962
Alder, Anthony Leonard, B.App.Sc.	1968
Alderman, Arthur Richard, D.Sc. (B.Sc., 1924; M.Sc., 1928)	1943
Alderman, Colin Graham, M.B., B.S.	1943
Aldersey, Algernon Lumley Haydon, B.Sc.	1950
Aldersey, Richard Baker, B.Sc.	1923
Aldor, Thomas Arthur Menachem, M.B., B.S.	1960
Aleksandrović, Pavils, B.Tech.	1958
Alexander, Donald John, B.E.	1951
Alexander, Francis Mackay Aberdeen, B.Tech.	1965
Alexander, Jennifer Rose, B.A.	1968
Alexander, Rosemary Margery Blanche, LL.B.	1935
Alexander, William Colin, B.E.	1928
Alexandravicius, Vera, B.D.S.	1954
Alfred, Darryl John, B.A.	1968
Alksnis, Ivars Janis, M.A. (B.A., 1959)	1961
Allan, John Brooker, M.B., B.S.	1958
Allan, Peter Thomas, LL.B.	1962
Allard, James Thomas, B.E.	1956
Allardice, John Graham, B.E.	1950
Allchurch, Peter Donald, B.Sc.	1966
Alden, William George, M.A. (Cambridge, 1958)	1959
Alden, David William, B.E.	1966
Alden, Douglas Morris, M.B., B.S.	1954
Allen, Dulce Dawn, B.A.	1964
Allen, Edgar, M.A. (B.A., 1909)	1945
Allen, Frederick Angus, B.A.	1913
Allen, Gordon Lewis, B.E.	1968
Allen, Gordon Vivian, B.E.	1951
Allen, Gwenneth Dawn, B.Sc.	1936
Allen, Henry Joshua, M.A. (B.A., 1927)	1947
Allen, James Lawrence, B.A.	1929
	1935

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Allen, John Bernard, B.A.	1942
Allen, John Howard, B.Sc.	1916
Allen, Kenneth Craig, B.Ec.	1961
Allen, Kevin Reginald, B.D.S.	1952
Allen, Leonard Nicholls, M.A. (B.A., 1926)	1933
Allen, Lois Waveney, B.A.	1913
Allen (nee Mann), Margaret Noble, B.A.	1927
Allen, Maxwell George, B.Sc.	1949
Allen, Mervyn Richmond, M.B., B.S.	1963
Allen, Michael Joseph, M.B., B.S.	1964
Allen, Morris Neil, B.A.	1968
Allen, Murray William, B.E.	1950
Allen, Norman Russell, B.Sc.	1967
Allen, Peter Edward Marshall, D.Sc. (Birmingham, 1963)	1964
Allen, Peter Gordon, B.Ag.Sc.	1965
Allen, Phillip Wesley, M.B., B.S.	1960
Allen, Robert John, B.Sc.	1962
Allen, Roger Dean, B.A.	1966
Allen, Roy, M.B., B.S.	1951
Allen, Shirley Hope, B.Sc.	1943
Allen, Thomas Howard, M.B., B.S.	1953
Allen, William Douglas, B.Sc.	1934
Allen, Warren Robert, B.Sc.	1968
Allert, Margaret Elizabeth, B.A.	1950
Alley, Neville Foster, B.A.	1968
Alley, Sheila Grace, B.A.	1967
Allison, Graham Bruce, B.Sc.	1964
Allison, John Kenneth, B.A.	1939
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Almond, William Wesley, B.Sc. (Eng.)	1945
Aloyah, Abdul Rahman, B.A.	1965
Alpers, John Henry, M.B., B.S.	1960
Alpers, Michael Phillip, B.Sc. M.B., B.S.	1956
Althorp, John Clark, B.A.	1965
Altman, Olive Stella, B.A.	1948
Altmann, Arthur Richard, B.E.	1920
Altmann, Frank William, M.B., B.S.	1959
Altmann, Herbert Franz, M.B., B.S.	1922
Alton, Mark Van, M.B., B.S.	1968
Alwyn, John Edward Stacey, M.B., B.S.	1958
Amamoo, Samuel Eduam, B.Sc.	1968
Ambastha, Harendra Narayan Sinha, M.Ag.Sc.	1954
Ambrose, Betty Rosslyn, M.B., B.S.	1936
Ambrose, John Rosslyn, M.B., B.S.	1943
Ambrose, Rosemary Searle, B.A.	1967
Amev, Douglas John, B.E.	1956
Amev, Ian Frank, B.E.	1959
Amev, Lloyd Ronald, B.Ec.	1951
Amos, George Lewis, M.Sc. (B.Sc., 1936)	1939
Amos, Kenneth Albert, Ph.D. (B.Sc., 1960)	1965
Ananda, George Devanayagam, M.B., B.S.	1965
Anastas, George, M.B., B.S.	1959
Ancans, Guntis Juris, B.Tech.	1964
Ansell, Brian Edward John, M.B., B.S.	1957
Andary, Dean, B.D.S.	1956
Anders, Douglas John, B.Sc.	1936
Anders, Ralph Charles, B.E.	1934
Andersen, Graham John, M.B., B.S.	1961
Andersen, Kerstin Lillemor, B.A.	1934
Andersen, Neville Paul, LL.B.	1963
Andersen, Ronald Eric, B.Sc.	1968
Anderson, Adrian Akhurst, B.E.	1925
Anderson, Alan Bruce, B.Sc.	1922
Anderson, Albert Raymond, M.B., B.S.	1951
Anderson, Alex Gordon, B.Sc.	1953
Anderson, Alison Margaret, B.A.	1937
Anderson, Aubrey James Clifton, B.A.	1947
Anderson, Barry Charles, B.Sc.	1962
Anderson, Claude Leonard, M.B., B.S.	1933
Anderson, Colin Charles, B.Sc. (Eng.)	1944
Anderson, David Lee, B.Sc.	1966
Anderson, Donald, B.Tech.	1967
Anderson, Donald Robert Ross, M.B., B.S.	1947
Anderson, Dorothy Kathleen Ross, M.B., B.S.	1942
Anderson, Douglas Bruce, B.E.	1952
Anderson, Geoffrey Fraser, LL.B.	1943
Anderson, Gordon Athol, Mus.Bac. B.A.	1958
Anderson, Graham Lancelot George, B.Sc.	1959
Anderson, Gwendoline Mary, B.A.	1960
Anderson, Ian Robert, B.Sc.	1933
Anderson, Ian Robert, B.Sc.	1963
Anderson, Isabella, B.A.	1930
Anderson, Jack Sidney, M.B., B.S.	1944
Anderson, Jeffrey Philip, LL.B.	1967
Anderson, Jillian Faye, B.A.	1967
Anderson, Jillian Muriel, B.A.	1965
Anderson, John Brayton, M.B., B.S.	1957
Anderson, John Julian, Ph.D.	1966
Anderson, John Robert, Ph.D. (Cambridge, 1954)	1966
Anderson, Joseph Garry, B.Tech.	1961
Anderson, Kevin, M.D. (London, 1951)	1960
Anderson, Malcolm Webber, B.E.	1955
Anderson, Margaret Jean, B.Ec.	1964
Anderson, Max Kimberley, M.B., B.S.	1943
Anderson, Paul Joseph, M.B., B.S.	1962
Anderson, Peter, B.Tech.	1964
Anderson, Peter Cameron, M.B., B.S.	1955
Anderson, Robert Paul, LL.B.	1962
Anderson, Ronald Alexander, B.Sc.	1948
Anderson, Sesca Ross, LL.B.	1941
Anderson (nee Lewis), Sylvia Hilda, M.Sc. (B.Sc., 1950)	1954
Anderson, William Moffat, B.E.	1920
Anderssen, Robert Scott, Ph.D.	1968
Andre, Roger Neil, B.A.	1968
Andrejewskis, Andrew Joseph, B.Sc.	1967
Andrew, Brian William, B.E.	1948
Andrew, Hugh Graham, M.B., B.S.	1941
Andrew, Ray Vernon, D.Litt. (Potchefstroom, 1960)	1962
Andrew, Rodney Kenneth, B.A.	1966
Andrew, Ronald Headland, M.B., B.S.	1953
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932)	1947
Andrews, Alexander James, B.Ec.	1962
Andrews, Anthony John, B.Sc.	1963
Andrews, Brian Keith, B.Tech.	1965
Andrews, Francis Brian, B.E.	1961
Andrews, James Stephen, B.E.	1964
Andrews, Jean Mary Agnes, B.A.	1948
Andrews, Jennifer Ruth, B.A.	1956
Andrews, Judith Mary, B.A.	1957
Andrews, Julian, M.B., B.S.	1932
Andrews, Murray William, B.Sc.	1949
Anfloff, Wadim, B.Sc.	1968
Angel, David Norman, LL.B.	1967
Angel, Laura Madeline, M.Sc. (B.Sc., 1931)	1938
Angel, Mary Taylor, M.B., B.S.	1931
Angel, Robert John, B.E.	1967
Angley, Ronald James, M.Sc. (B.Sc., 1951)	1954
Angove (nee Clare), Dorothy Cotgrave, B.A.	1912
Angove, Robert Alfred, B.Ec.	1966
Angove, Roger Clare, M.B., B.S.	1938
Angus, Alistair McClure, B.Arch.	1966
Angus, Barbara Ann, M.B., B.S.	1954
Angus, David Alexander, B.Ec.	1968
*Angus, William, B.Sc. (Aberdeen, 1900)	1905
Angus, William Roy, M.B., B.S.	1923
Angwin, William Britton, B.Sc.	1909
Annear, Douglas Innes, B.Sc.	1944
Annells, Ralph Edwards, B.D.S.	1951
*Annells, William Charles, M.A. (B.A., 1897)	1899
Ansley, Ralph William, Ph.D. (Alberta, 1963)	1965
Anstey, Marie Therese, B.A.	1961
Antcliffe, Gault Anderson, Ph.D. (B.Sc., 1959)	1966
Anthony, Wayne Richard, B.Sc.	1961
Anthonisz, Matthew Wilfred, B.A.	1955
Antic, Ratimir, M.B., B.S.	1965
Antomas, Basil Antony, M.B., B.S.	1968
Antoniou, Dulcie, M.B., B.S.	1964
Apostol, Vasille Papadimitriou, LL.B.	1952
Appelbee, Peter Ronald, B.D.S.	1957
Appleby, Arthur George, B.E.	1923
Appleby, Cyril Angus, B.Sc.	1949
Appleby, Harold Henry, M.B., B.S.	1925
Appleby, Robert William, M.B., B.S.	1956
Appleby Ronald Louis, B.Sc.	1950
Appleton, Brian Scott, B.Arch.	1964
Appleton, Edgar Arthur, B.A.	1949
Appleton, Joan Mary, B.A.	1959
Appleton, Kathleen Margaret, B.A.	1966
Apps, Bert Frederick George, B.A. (Melbourne, 1934)	1949
Araszkiewicz, Wieslaw, B.E.	1965
Arato, Gabor, B.D.S.	1964
Arbery, James Herbert, B.A.	1959
Arbon, Peter Fulton, B.E.	1968
Archbold, Ralph Thomas, B.A.	1967

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Archer, Geraldine, M.B., B.S.	1948
Archer, Rosemary Truda, B.A.	1967
Archibald, Francis Callum, M.B., B.S.	1944
Arcus, Wesley John, B.A.	1953
Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931)	1934
Ardlie, Lee Elizabeth, B.A.	1968
Ardie, Thomas Gordon, M.D. (M.B., B.S., 1962)	1968
Ardmonson, Saksit, M.App.Sc.	1964
Arend, Maureen Mignon, B.Sc.	1966
Ariffin, Asiah binti, B.Sc.	1964
Arminas, Jurgis, B.Ec.	1962
Armitage, Janet Irenie, B.A.	1968
Armour, Patricia, B.A.	1966
Armstrong, Bruce Thomas, B.Tech.	1968
Armstrong, David William, B.Ag.Sc.	1968
Armstrong, Gowan, B.A.	1951
Armstrong, Graeme John, B.App.Sc. (B. Tech., 1959, surrendered)	1961
Armstrong, John McDougall, Ph.D.	1963
Armstrong, John Talbot, B.Tech.	1958
Armstrong, Peter John, B.A.	1968
Armstrong, Ronald Gordon, B.Arch.	1966
Arnold, Alan Ross, B.Tech.	1960
Arnold, Brian Kingsley, B.App.Sc.	1964
Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Arnold, Herbert Rex, B.A.	1956
Arnold, Maurice, B.E. (B.Sc. (Eng.), Natal, 1940)	1961
Ph.D.	1968
Arnold, Richard Walker, B.Sc.	1962
Arnold, Terrence Dunmore, B.Tech.	1964
Arnold, William Robert, B.E.	1948
Arnott, Peter Thomas, B.E.	1968
Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Arthur, Brian Barry, LL.B.	1954
Arthur, Neill Fleming, B.E.	1966
Arthur, Neville Langsford, Ph.D. (B.Sc., 1961)	1967
Artis, Michael John, B.A. (Oxford, 1959)	1966
Arula, Kustas, B.D.S.	1956
Arya, Michael Gosit, B.Sc.	1952
Asche, Judith Lesley, B.A.	1966
Asche, Margaret Rose, M.B., B.S.	1967
Ash, Arthur Louis George, B.A.	1907
Ashby, Enid Lucy, B.Sc.	1947
Ashby, Grant James, B.Sc.	1966
Ashby, Hazel Gwenyth, B.Sc.	1945
Ashcroft, John, B.Ec.	1956
Ashdown, John Peter, B.Tech.	1958
Ashenden, Dean John, B.A.	1964
Ashenden, Herbert John, B.Ec.	1961
Ashenden, Leslie Edward, B.A.	1949
Ashton, Colin Baker, M.B., B.S.	1941
Ashton, Elizabeth Mary, M.A. (B.A., 1941)	1944
Ashton, Evelyn Joyce, B.A.	1943
Ashton, Harry Tamblin, B.Sc.	1930
Ashton, Joseph Everette, LL.B.	1922
Ashton, Mabel Winifred, B.A.	1936
Ashton, Thomas James, M.B., B.S.	1953
Ashwin, Charles Robin, B.A.	1952
Ashworth, Clarice Mabel, B.A. (Sydney, 1917)	1929
Ashworth, Maurice Leslie, B.Tech.	1965
Assumpcao, Carlos Augusto Rocha d', M.B., B.S.	1956
Assumpcao, Henrique Antonio d', M.E. (B.E., 1956)	1962
Astley, John Felix, LL.B.	1922
Astley, Michael John, LL.B.	1951
Aston, Donald Mervyn, LL.B.	1958
Aston, Morrell Kenneth, B.Sc. B.A.	1942
1947	
Aston, Robert Graham, B.A.	1956
Atchison, Bentley Alan, B.Ag.Sc.	1967
Atherton, Brent, B.Sc.	1964
Atherton, Thomas, B.A.	1965
Atkins, Joan Darlington, LL.B.	1937
Atkins, Kenneth John, B.E.	1955
Atkins, Margaret Edith, B.A.	1968
Atkinson, Anthony Verdon, B.Tech.	1965
Atkinson, Douglas Ewen, B.Sc. (Eng.)	1949
Atkinson, Leon Desmond, B.A.	1960
Atkinson, Malcolm Carroll LL.M. (LL.B., 1961)	1964
Atkinson, Maurice Raymond, Ph.D. (Tasmania, 1954)	1960
Atkinson, Nancy, D.Sc. (M.Sc., Melbourne, 1932)	1957
Atkinson, Richard Anderson, B.Arch.	1968
Atmawidjaja, Kosasih, B.Tech.	1961
Atrens, Dace, B.A.	1959
Atrens, Janis, B.E.	1962
Attenborough, Heather Joy, B.Sc.	1966
Atwal, Avtar Singh, Ph.D.	1955
Atwell, Leslie George Danks, B.A.	1930
Augstkalns, Ilze, M.B., B.S.	1968
Auliciems, Andris, B.A.	1961
Auricht, Clive Oswald, M.B., B.S.	1958
Auricht, Reginald Theodore, M.B., B.S.	1948
Austin, Harold Lance, B.D.S.	1952
Austin, Meredith Helen, B.A.	1959
Au-Yong, Moh Cheng, Shirley, B.Sc.	1958
Auzins, Ieva, Ph.D. (B.Sc., 1960)	1965
Ayles, Carolyn Ann, B.Sc.	1968
Ayliffe, Roger Wyndham, B.Sc.	1948
Aylmore, Lance Arthur Graham, Ph.D. (B.Sc., 1955)	1961
Aylmore, Neville Charles, B.A.	1959
Ayoub, Charles Salim, M.B., B.S.	1954
Ayres, Dean Esmond, M.Sc. (B.Sc. 1959)	1963
Ayres, Maruta, B.A.	1967
Ayres, Neil Verner, B.Sc.	1961
Ayres, Philip James, B.A.	1966
B	
Backhouse, Paul Vivian, B.E.	1950
Backhouse, Spencer Mark, B.A.	1963
Backstrom, Robert Peter, B.Sc.	1964
Badcock, Neil Raymond, B.Sc.	1966
Badcock, Peter Bruce, B.Sc.	1966
Baddams, Greta, B.A.	1940
B.S.C.	1943
Baddams, Violet Thenie, B.A.	1938
Bade, Ronald Werner, M.B., B.S.	1952
Badenoch, Kenneth Harry, B.Ec.	1964
Badenoch, Reginald Leslie, LL.B.	1936
Badger, Colin Robert, M.A. (B.A., 1936)	1938
Badger, Donald Gibson, B.Ec.	1937
Badger, Geoffrey Malcolm, D.Sc. (Glasgow, 1949)	1950
*Badger, John Robert, M.B., B.S.	1952
Badger, Robert, LL.B.	1914
Badhessa, Jagdev Singh, M.B., B.S.	1958
Badman, Shirley, B.Sc.	1945
Baghurst, Harold Charles, B.E.	1942
Bagot, Charles Hervey, M.Sc. (B.Sc., 1957)	1961
Bagot, Edward Mead, M.A. (B.A., 1911)	1919
Bagot, John Hervey, B.A. (Cambridge, 1930)	1931
Bagshaw, Dale Margaret, B.A.	1964
Bahariah, Binti Mahmud, B.A.	1968
Bahr, John Leslie, B.Sc.	1965
Bahr, Trevor Ross, B.E.	1954
Bail, Trevor Lindsay, B.Ec.	1968
Bailey, Alan, Ph.D.	1968
Bailey, Alan Paterson, M.Ec. (B.Ec., 1948)	1952
Bailey, Colin Arthur, M.B., B.S.	1958
Bailey, Frederick Manson, B.Sc.	1927
Bailey, Gregory John, B.E.	1968
Bailey, Hubert John, M.B., B.S.	1954
Bailey, Keith William, B.D.S.	1951
Bailey, Lindsay Frank, B.Ag.Sc.	1963
Bailey, Margaret Alison, Ph.D.	1963
Bailey, Marjorie Anne Paterson, B.A.	1954
Baillie, Brian Gregory, LL.B.	1963
Baillie, Malcolm George, B.E.	1958
Baillie, Patricia Margaret, B.Sc.	1963
Baillie, Vernon George Colin, B.A.	1967
Bails, Dennis Graham, B.A.	1966
Bails, John Brendon, B.E.	1964
Bails, John Herbert, B.E.	1951
Baily, Martin Clarke, B.Ec.	1968
Bain, Barrington Walter, B.A.	1968
Bain, Robert Vernon Stewart, M.Sc.	1953
Bainbridge, Alexander, Ph.D.	1966
Baker, Arthur James Kendall, B.A.	1914
Baker, Brian Richard, B.E.	1966
Baker, Bruce George, Ph.D. (Melbourne, 1962)	1966
Baker, Colin John, B.E.	1964
Baker, Dean Alexander, B.Sc.	1967

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Baker, Donald Montgomery, B.E.	1955	Barlow, Arthur John, B.Sc.	1949
Baker, Glenys Anne, B.A.	1963	Barlow, Bryan Alwyn, Ph.D. (Sydney, 1960)	1966
Baker, Irving Noel, M.Sc. (B.Sc., 1953)	1955	Barlow, Douglas Arthur, B.Sc.	1942
Baker, Jeffrey Clifford, B.E.	1966	Barlow, Douglas John, M.B., B.S.	1959
Baker, Ralph Alderton, M.B., B.S.	1912	Barlow, Grace Barbara, B.A.	1951
Baker, Reginald John, B.A.	1964	Barlow, Marguerite Mora, M.B., B.S.	1947
Baker, Richmond Jeffrey, Ph.D. (B.Sc., 1961)	1968	Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Baker, Robert Morgan, B.Ag.Sc.	1940	Barlow, Peter Francis, B.E.	1962
Baker, Roderick Geoffrey Hoad, B.Ec.	1967	Barnard, Howard Lucas, B.E.	1924
Baker, Rosemary Anne, B.Sc.	1952	Barnard, Marguerita Mira, B.A.	1911
Baker, Walter Ross, B.E.	1931	Barnden, Frederick Wayne, B.Ag.Sc.	1962
Baker, Warwick John, B.E.	1957	Barnden, Leighton Reginald, B.Sc.	1965
Bal, Kirpal Singh, B.E.	1958	Barnden, Vina Melba, Mus.Bac.	1935
Bald, Robert Cecil, LL.B.	1930	Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951
M.A. (Ph.D., Cambridge, 1929)	1930	Barnes, David Thomas, M.B., B.S.	1951
D.Litt.	1946	Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959
Bald, William Charles, B.A.	1957	Barnes, Frederick Lynne, B.Sc.	1938
Baldacchino, Charles Francis, M.B., B.S.	1952	Barnes, Geoffrey Lynne, B.Sc.	1966
Baldo, Brian Angelo, B.Sc.	1967	Barnes, Lewis Charles, B.Sc.	1968
Baldock, Desmond John, B.Sc.	1960	Barnes, Marjorie Joyce, LL.B.	1937
Baldock, Lyle Talbot, B.E.	1963	Barnes, Peter Thomas, M.B., B.S.	1965
Baldock, Robert Neil, B.Sc.	1963	Barnes, Robert, M.B., B.S.	1948
Baldwin, Grantley Barrington, B.Sc.	1963	Barnes, Ronald David, B.Ec.	1955
Balharry, Gavon John Edward, B.Sc.	1966	Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950
Ball, James Frederick, B.D.S.	1968	Barnett, Michael Powell, M.B., B.S.	1963
Ball, Jeffrey William, B.Ag.Sc.	1964	Barnett, Roger Ernest, B.Sc.	1963
B.Ec.	1967	Barnett, Samuel Powell, M.B., B.S.	1927
Ball, John Minchin, B.E.	1961	Barnfield, George Thomson, LL.B.	1937
Ball, Karl George, M.B., B.S.	1946	Barr, Alan Marshall, M.B., B.S.	1957
Ball, (nee Humphry), Lulu Eileen, B.Sc.	1935	Barr, Helen Elizabeth, B.Sc.	1947
Ball, Robin, B.A.	1967	Barr, Ian Lewis, M.B., B.S.	1966
Ballai, Nandor, M.B., B.S.	1956	Barr, Trevor Frank, B.A.	1966
Ballantyne, Christopher George Henry, B.Sc.	1965	Barratt, Lindsay John, M.B., B.S.	1965
Ballantyne, Elsie Ray, M.A. (B.A., 1928)	1931	Barrett, Arthur Jeremy, B.Ec.	1959
Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932)	1933	Barrett, Beverley Noelle, B.A.	1960
M.Ag.Sc.	1933	Barrett, Donovan Thomas, B.A.	1967
Ballinger, John Albyn, B.Arch.	1965	Barrett, Harold John, B.A.	1956
Ballinger, Marie Elizabeth, B.A.	1966	Barrett, Judith Eleanor, B.Sc.	1964
Balmer, Jean Jacques, B.A.	1953	Barrett, Lynne Mary, B.A.	1966
Bamford, Robert Leslie, B.E.	1961	Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949
Bampton, Colin Charles, B.Sc. (Eng.)	1942	Barrett, Pamela Rhodes, B.A.	1967
Bampton, John Charles, M.B., B.S.	1954	Barrett, Peter Geoffrey, B.Ec.	1968
Bampton, Victor Guy, M.B., B.S.	1965	Barrett, William Vernon, B.A.	1949
Banks, Alan, B.E.	1948	Barrett-Lennard, Lancelot, M.B., B.S.	1947
Banks, Alan Walker, M.Sc.	1958	Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938
Bannigan, John Thornton, B.Sc.	1949	Barrien, John, B.E.	1948
Bannister, Lloyd Benjamin, B.E.	1951	Barritt, Gregory John, B.Sc.	1966
Bannon, John Charles, LL.B.	1967	Barritt, Lola Marjory, B.A.	1955
B.A.	1968	Barrow, Christopher Graham, M.B., B.S.	1963
Banos, Poppy Kalliopi, B.Sc.	1954	Barrow, Kevin David, Ph.D. (B.Sc., 1963)	1967
Banyer, Robert John, B.Sc.	1959	Barrow, Natalia, M.B., B.S.	1963
Barber, Howard Frank, B.A.	1939	Barrow, Peter McKee, B.Ag.Sc.	1949
Barber, Kenneth, B.Sc.	1944	Barry, Brian Robert, B.Ec.	1950
Barbour, John Russell, M.S. (M.B., B.S., 1934)	1944	Barter, Brian Fenton, LL.B.	1963
Barbour, Richard Stewart, M.B., B.S.	1967	Barter, Christopher John, B.E.	1965
Barbour, Robert, B.A.	1916	Barter, Colin Edwin, M.B., B.S.	1962
Barbour, Robert Angus, M.D. (M.B., B.S., 1955)	1962	Barter, David Kenneth, B.A.	1968
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930)	1930	Barter, Francis Charles, LL.B.	1931
Barclay, Christopher John, B.Sc.	1967	Barter, Ian Walter, M.B., B.S.	1962
Barclay, Colin William, B.Tech.	1963	Barter, Janet Elizabeth, B.A.	1963
Barclay, Ian Frank Ballington, B.E.	1967	Barter, Kenneth Edwin, B.A.	1931
Barclay, Peter Barrey, B.A.	1965	Barter, Philip John, M.B., B.S.	1965
Barden, Ronald George, B.E. (B.Sc. (Eng.), London, 1947)	1954	Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953
Ph.D.	1957	Barter, Ruth Estelle, B.A.	1931
Bardolph, Helen Julia, LL.B.	1965	Bartholomaeus, Clifford Geoffrey, B.E.	1930
Bardsley, Kenneth Leon, B.A. (Queensland, 1959)	1966	Bartholomaeus, Edmund Stanley, B.A.	1914
Barker, Alwyn Bowman, B.E.	1923	Bartholomaeus, Richard Voules, B.D.S.	1955
B.Sc.	1931	Bartlett, Nancy Irene, B.A.	1939
Barker, Anthony Alfred, M.Sc. (B.Sc., 1961)	1965	Bartlett, Brian Mervyn, B.Sc.	1949
Barker, Brian, B.Tech.	1967	Bartlett, John Phillip, B.Sc.	1966
Barker, Dean Ellis, B.E.	1966	B.E.	1968
Barker, Denis, M.B., B.S.	1956	Bartlett, William John, M.A. (B.A., 1912)	1914
Barker, Edgar James, B.E.	1936	Bartley, Helen Louise, B.A.	1962
Barker, John Hugh, B.D.S.	1967	Barton, Alan Reginald, B.Sc.	1962
Barker, John Wesley, B.Mus.	1965	Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960
Barker, Jonathan Kemp, B.A.	1966	Barton, Charles Rodney, B.Sc.	1963
Barker, Shelley, Ph.D. (Western Australia, 1960)	1965	Barton, David Charles, M.B., B.S.	1958
Barker, Shirley Bowman, M.B., B.S.	1954	Barton, Felix Kingston, B.A.	1911
Barkham, Nigel Frederick, B.Tech.	1964	Barton, Gillian Ruth, B.A.	1967
		Bartsch, Kenneth Murray, B.E.	1958
		Bartsch, Laurence Paul, B.Ec.	1968
		Bartsch, Malcolm Ian, B.A.	1966
		Bartusek, Josef, B.E.	1965

\* Deceased



Bartusek, Karel, B.Sc.	1963	Beare, Thomas Hudson, M.B., B.S.	1952
Barwell, Mary Gilbert, B.A.	1926	Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1951
Barwick, Ian James, B.Arch.	1966	Bearman, Imelda, B.A.	1952
Barwick, Noel Kenneth, M.B., B.S.	1965	Beart, Philip Mark, B.Sc.	1968
Basedow, Bernhard Frederick, B.Ec.	1954	Beasley, Peter Robert Noble, B.D.S. (Sydney, 1945)	1965
Basedow, Karl Johannes, M.B., B.S.	1938	Beasley, Victor John, B.A.	1957
Basford, David Anderson, B.Tech.	1967	Beaton, Colin Robert, B.A.	1968
Basheer, Keith Cameel, M.B., B.S.	1953	Beaton, Doris Jean, LL.B.	1940
Basheer, Max Rafeek, LL.B.	1952	Beattie, Robin Riddell, M.B., B.S.	1966
Basheer, Ray, B.E.	1962	Beatty, James Douglas John, LL.B.	1967
Bassett, Maxwell Auger, B.Ec.	1951	Beauchamp, Edward Benjamin, LL.B.	1927
Bassham, Rodger Charles, B.A.	1968	Beauchamp, Geoffrey Peter, B.Sc.	1964
Basson, Alfred Graham, M.Ag.Sc. (B.Ag.Sc., 1960)	1965	Beaumont, Gordon Dean, M.S. (M.B., B.S., 1959)	1966
Basten, Antony, M.B., B.S.	1964	Beaumont, Olive Sowter, B.A.	1939
Basten, Sir Henry Bolton, M.A. (Oxford, 1954)	1954	Beaumont, Paul Charles, B.A.	1921
Bastian, Alan Charlton, M.Sc.	1968	Beaussant, Philippe Jacques Henri, B.A. (L.Es.L., Paris, 1959)	1966
Bastian, Elwin Scott, B.A.	1956	Beck, Alan Heavis, D.Sc. (B.Sc., 1930, M.Sc., 1932)	1965
Bastian, Peter Desmond, B.Med.Sc.	1966	Beck, Kevin Charles, B.Sc.	1957
Basto, Antonio Alberto, B.Ec.	1957	Beck, Lynette Marion, B.Sc.	1964
Bastyan, David Ion Gordon, B.A.	1968	Beck, Malcolm John, B.Sc.	1964
Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931	Beck, Merlin Benjamin, B.Ag.Sc.	1949
Batchelor, John, B.E.	1956	Beck, Robert George, B.Ag.Sc.	1941
Bate, Brian Gilbert, B.Arch.	1967	Becker, Roy Colin, B.A.	1965
Bateman, Gretel Mary, B.Sc.	1956	Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956)	1959
Bateman, Peter Patrick, M.B., B.S.	1950	Beckwith, Peter Malbyse, B.Ec.	1967
Bateman, Roger George, B.Sc.	1966	Beckwith, Ralph Symonds, B.Sc.	1944
Bateman, Wilfrid, B.Sc.	1941	Beckwith, Robert John, B.A.	1968
Bateman, Winston Trevor, B.E.	1956	Beckwith, Shirley Katie, B.A.	1939
Bates, Betty, B.Sc.	1939	Bedford, Anthony John, B.App.Sc.	1966
Bates, Brian Lewis, B.Sc.	1947	Bednall, Brian Herbert, B.Sc.	1925
Bates, David George, M.B., B.S.	1966	Bednall, David Maurice, LL.B.	1953
Bates, Robert Thomas James, M.B., B.S.	1962	Bednall, Ian William Gordon, B.E.	1958
Bates, William George James, B.E.	1935	Bednall, Maurice William, LL.B.	1924
Bateup, John Fraser, B.E.	1960	Bee, John Broadhurst, B.Ec.	1964
Bateup, Ross Lee, B.Arch.	1968	Beech, Ernest Robert, M.B., B.S.	1932
Bath, Donald James, B.E.	1950	Beech, Margaret Doris, B.Sc.	1952
Batt, Keith Alfred, B.A.	1966	Beech, Thomas Adrian, B.Sc.	1968
Battersby, Robert Hilton, B.Arch.	1961	Beecham, Anthony Frank, B.Sc.	1950
Batye, Virginia Margaret, B.A.	1967	Beer, Alison Mary, B.A.	1967
Batye, Gavin Ross, B.E.	1949	Beer, Barbara Helen, M.B., B.S.	1956
Baudinet, Walter Hooper, M.B., B.S.	1935	Beer, Donald Robert, B.A.	1961
Bauer, Franz, M.B., B.S.	1942	Beere, Beverley Ann, B.A.	1968
Bauer, Noel Westley, B.Sc.	1962	Beetham, Richard Matthew, M.Ec.	1967
Bauerochse, Thomas Robert George, B.Sc.	1967	Begg, Barbara Rosemary, B.Sc.	1947
Baum, Murray Richard, B.A.	1955	Begg, Betty Shannon, M.B., B.S.	1949
Baumanis, Ilona Yvonne, LL.B.	1964	Begg, Malcolm William, M.B., B.S.	1956
Baverstock, Peter Raymond, B.Sc.	1968	Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932
Bawden, Albert Victor, B.A.	1930	D.D.Sc.	1935
Bawden, Maxwell George, M.B., B.S.	1954	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918
Bawden, Thomas Edward, B.Sc.	1956	Behrens, Dietrich Wilhelm Frido, B.A.	1960
Baxter, Jeffrey Peter, B.Sc.	1967	Behrnt, Arthur Clive, M.B., B.S.	1948
Baxter, Reginald Robert, B.Sc.	1912	Beilby, Bruce Parnell, B.E.	1952
Baxter, Robert Crawford, B.Ag.Sc. B.Ec.	1959	Beilby, Jack Canavan, M.B., B.S.	1956
1961		Bekkers, Joseph John, B.Sc.	1966
Bayler, David, B.E.	1964	Bell, Donald George, B.A.	1941
Bayliss, Colin Evan, M.B., B.S.	1951	Bell, Franklyn Gilbert, M.B., B.S.	1949
Bayly, Elizabeth Jean, B.A.	1960	Bell, Philip David, B.Ec.	1966
Bayly, Michael Wykeham, B.Tech.	1963	Bell, Thomas Norman, Ph.D. (Durham, 1957)	1959
Bayne, Ian William, B.D.S.	1967	Bellechamber, Kenneth Charles, B.Ec.	1963
Baynes, William Hendrie, B.A.	1961	Belleli, Emma, B.A.	1967
*Bazeley, Austin Joseph, B.D.S.	1955	Belleli, Rebecca, B.A.	1964
Bazeley, Francis, B.E.	1950	Beltchev, Margaret Ray, B.Sc.	1968
Beach, Stephen Rodney Napier, B.Tech.	1966	Beltrame, Gino Ernest, B.E.	1957
Beacham, Kenneth William, B.E.	1961	Beltsos, Michael, B.Arch.	1968
Beal, Robert William, M.B., B.S. (Sydney, 1958)	1966	Bender, Jill Margaret, B.A.	1954
Beames, David John, B.Sc.	1968	Beniulis, Julius, B.E.	1963
Beames, Lloyd Arthur, B.Tech.	1959	Benjaminson, Albert, B.E.	1951
Bean, Sir Edgar Layton, B.A. LL.B.	1913	Bennett (nee Berriman), Annie Stevens, B.A.	1919
1922		Bennett, Brian Thomas, Ph.D. (B.Sc., 1963)	1968
Bean, Edgar Stewart, M.B., B.S.	1947	Bennett, Charles Gordon, B.A.	1922
Bean, Malcolm James Layton, B.D.S.	1954	Bennett, Christine Judith, B.Sc.	1968
Beaney, Harold Leigh, M.E. (B.E., 1932)	1959	Bennett, David John, B.Sc.	1932
Beard, Donald Douglas, M.B., B.S.	1947	Bennett, Donald Collier, M.B., B.S.	1946
Beard, Jack Roland Stanley Grose, M.B., B.S.	1914	Bennett, Donald John, B.E.	1954
Beard, Malcolm James, B.Ec.	1966	Bennett, Floyd Chester, B.A.	1951
Beard, Roland Maurice Charles Georges, M.B., B.S.	1948	Bennett, Frederick Norman, B.A.	1905
Beardwood, David Arthur, M.B., B.S.	1966	Bennett, Graham Leslie, M.B., B.S.	1935
Beare, Adrienne Ruth, B.Sc.	1963	Bennett, Gregory William, Ph.D. (B.Sc., 1961)	1966
Beare, Hedley, B.A.	1954	B.A.	1962
Beare, Helen, B.A.	1966		
Beare, James Hudson, M.B., B.S.	1958		
Beare, John Alan, B.Ag.Sc.	1937		
Beare, Lynden Day, B.A.	1960		

\* Deceased

Bennett, Henry Trevor, LL.B.	- - - -	1950
Bennett, James Gordon, B.E.	- - - -	1966
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	- - - -	1958
Bennett, John Barkly, M.B., B.S.	- - - -	1947
Bennett, John Henry, Ph.D. (Cambridge, 1952)	- - - -	1957
Bennett, John Nelson, LL.B.	- - - -	1944
Bennett, Keith McQuarrie, B.E.	- - - -	1925
Bennett, Malcolm Gordon, B.A.	- - - -	1958
Bennett, Mary Gilmour, B.Sc.	- - - -	1951
Bennett, Pauline Jennifer, B.A.	- - - -	1967
Bennett, Richard Barkly, M.B., B.S.	- - - -	1948
Bennett, Richard Clayton, M.S. (M.B., B.S., 1954)	- - - -	1966
Bennett, Thomas Southall, B.A.	- - - -	1933
Bennett, William, B.A.	- - - -	1968
Bennett, William Barkly, M.B., B.S.	- - - -	1956
Bennetts, Ian Burns, B.A.	- - - -	1964
Bennier, Donald John, B.E.	- - - -	1951
Benny, Anthony John, M.B., B.S.	- - - -	1968
Benny, Geoffrey Kenelm, B.Tech.	- - - -	1965
Benskin, Frederick George, M.A. (Oxford, 1900)	- - - -	1923
Benson, Colin John, M.B., B.S.	- - - -	1953
Benson, Maurice Bernard, B.A. (London)	- - - -	1950
Benson, Richard Neville, M.B., B.S.	- - - -	1953
Benson, William Herbert, M.B., B.S.	- - - -	1951
Bent, Bernard Henry, B.E.	- - - -	1964
Bentley, Alan, M.B., B.S.	- - - -	1953
Bentley, Barbara Claire, B.A.	- - - -	1964
Bentley, John Donald, B.A.	- - - -	1951
Bentley, William James, B.A.	- - - -	1935
Benveniste, Guy Maurice, B.Ec.	- - - -	1967
Benveniste, Maurice Yves, B.E.	- - - -	1967
Beresford, Anthony Charles, B.Sc.	- - - -	1965
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - -	1949
Beretka, Julius Gyula, M.Sc.	- - - -	1962
Bereznai, George Thomas, B.E.	- - - -	1967
Berndt, Judy Margaret, B.A.	- - - -	1966
Berndt, Kenneth Lewis, B.Sc. B.A.	- - - -	1943
Berndt, Margaret Burgoyne, B.A.	- - - -	1962
Berriman, Ian Palmer, B.E.	- - - -	1955
Berriman, Peter Souter, B.Sc.	- - - -	1954
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered)	- - - -	1919
Berry, Christine, B.A.	- - - -	1963
Berry, Frances Winifred, M.A. (B.A., 1915)	- - - -	1919
Berry, Leslie Thomas McCloud, B.Sc.	- - - -	1962
Berry, Patricia Dean, B.Sc.	- - - -	1952
Berry, Philip Alan, M.Sc. (B.Sc., 1919)	- - - -	1934
Berry, Thomas Bruce, B.D.S.	- - - -	1953
Berryman, Donald Wilson, B.Tech.	- - - -	1962
Berryman, Maurice James, B.E.	- - - -	1956
Bert, Ernest Julius, B.E.	- - - -	1921
Besanko, Patricia June, B.A.	- - - -	1964
Besley, Robert Ellis, B.Sc.	- - - -	1966
Bessant, Dorothy Elizabeth, B.A.	- - - -	1952
Best, Daryl Anthony, B.A.	- - - -	1968
Best, Effie Deland, B.Sc.	- - - -	1953
Best (nee Deland), Effie Wylie, M.Sc., (B.Sc., 1926)	- - - -	1930
Best, Geoffrey Richard, B.Sc.	- - - -	1967
Best, Michael Robert, Ph.D. (B.A., 1961)	- - - -	1966
Best, Rupert Faraday, B.Tech.	- - - -	1960
Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	- - - -	1948
Bested, Gordon John, B.A.	- - - -	1942
Bested, John Charles, B.Tech.	- - - -	1965
Betcher, Kelvin Bernard, M.B., B.S.	- - - -	1961
Betheras, Frank Rex, M.B., B.S.	- - - -	1957
Bettison, Irvine James, B.A.	- - - -	1961
Bettison, Margaret Selina, B.A.	- - - -	1949
Bettison, Suzanne, B.A.	- - - -	1964
Betts, Beatrice Berence, B.A.	- - - -	1933
Betts, Roger Michael, LL.B.	- - - -	1967
Betts, William James, M.B., B.S.	- - - -	1941
Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	- - - -	1960
Bevan, Medhurst Llewellyn Willett, LL.B.	- - - -	1931
Bevan, Rosalind Mary Willett, LL.B.	- - - -	1959
Beven, Annette Thelma, B.A.	- - - -	1966
Beven, Raymond Harold, B.Sc.	- - - -	1962
Beverley, David William Ernest, B.E.	- - - -	1951
Beverley, Douglas Andrew, B.Sc.	- - - -	1966
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - -	1947
Beviss, Archibald Charles Kidman, B.A.	- - - -	1943
Beviss, Joan Elkah, B.A.	- - - -	1967
Bhavilai, Rawi, M.Sc.	- - - -	1952
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	- - - -	1944
Bice, Christine Margaret, B.A.	- - - -	1964
*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	- - - -	1920
Bickerton, Ian James, B.A.	- - - -	1961
Bickford, Reginald Nevill Cudmore, M.B., B.S.	- - - -	1935
Bickley, Garry Clifford, B.A.	- - - -	1965
Bickmore, John Clarence, M.B., B.S.	- - - -	1968
Biddle, Enid Barbara, B.A.	- - - -	1948
Biddle, Gordon Crawford, B.Sc.	- - - -	1950
Bidstrup, Patricia Anne, B.A.	- - - -	1967
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	- - - -	1958
Biele, Keith William, B.Ec.	- - - -	1952
Bienert, Gunter Horst, B.Sc. B.A.	- - - -	1960
Bieske, Elaine Alison, B.Sc.	- - - -	1962
Biezaitis, Laima Asja, B.Sc.	- - - -	1963
Biezaitis, Sandra Mara, B.Mus.	- - - -	1966
Biganovsky, Eugene, LL.B.	- - - -	1968
Biggins, George Edward, B.E.	- - - -	1960
Bigham, Donald Alexander, B.Sc.	- - - -	1963
Bill, Bernard Dennis, B.A.	- - - -	1968
Billing, Robert Heaton, B.Ec.	- - - -	1960
Billinghurst, Harry, B.E.	- - - -	1954
Billinghurst, Onslow Chestle, B.E. B.Ec.	- - - -	1958
Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	- - - -	1963
*Bills, Allan Maynard, B.A.	- - - -	1952
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	- - - -	1931
Bills, David Charles, B.Sc.	- - - -	1949
Bills, Lawrence McAusland, LL.B.	- - - -	1950
Bills, Malcolm Bruce, B.D.S.	- - - -	1937
Bilney, Gordon Neil, B.D.S. B.A.	- - - -	1947
Bilney, Neil Joseph, B.A.	- - - -	1962
Bilton, Anthony Herbert, M.B., B.S.	- - - -	1966
Binks, Charles Christopher Agar, LL.B.	- - - -	1933
Binks, Jennifer Anne, M.A. (B.A., 1962)	- - - -	1958
Binns, Elizabeth Anne, B.A.	- - - -	1966
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	- - - -	1967
Binns, Richard Thomas, B.Tech.	- - - -	1937
Birch, John Bright, M.B., B.S.	- - - -	1968
Birch, Louis Charles, D.Sc. (M.Sc., 1941)	- - - -	1915
Birchall, Michael Andrew Wardlaw, LL.B.	- - - -	1949
Birchall, Nicholas John Wardlaw, LL.B.	- - - -	1965
Bird, Alan Francis, M.Sc.	- - - -	1956
Bird, Peter Allan, B.A.	- - - -	1955
Birdseye, Sydney Alick, M.B., B.S.	- - - -	1958
Birks, Peter Macintyre, M.B., B.S.	- - - -	1951
Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	- - - -	1934
Birks, Walter Gordon, M.B., B.S.	- - - -	1960
*Birks, Walter Richard, B.Sc.	- - - -	1937
Birrell, Archibald Novar, B.E.	- - - -	1910
Bishop, Anthony Ralph, LL.B.	- - - -	1957
*Bishop, John, Mus.Doc. (D.Mus., Melbourne, 1963)	- - - -	1961
Bishop, John Neil, B.Ec.	- - - -	1964
Bishop, Lyall Everard, B.Tech.	- - - -	1953
Bishop, Michael Marriott, B.E.	- - - -	1964
Bishop, Peter Joseph, B.E.	- - - -	1960
Bishop, Robert Raymond, B.Sc.	- - - -	1962
Bishop, Ronald John, B.A.	- - - -	1963
Bishop, Ronald Maxwell, B.Tech.	- - - -	1968
Biswas, Samarendra Nath, Ph.D.	- - - -	1965
Bitmead, Francis Vincent, B.A. (Western Australia, 1949)	- - - -	1958
Bittner, Anita, B.A.	- - - -	1960
Black, Adrian Robert, B.Tech.	- - - -	1956
Black, Andrew Barham, B.Med.Sc. M.B., B.S.	- - - -	1965
Black, Edward William, Mus.Bac.	- - - -	1963
Black, Eustace Couper, M.B., B.S. B.A.	- - - -	1964
Black, Ian Donald, B.A.	- - - -	1925
Black, James Foster Barham, B.E.	- - - -	1910
	- - - -	1957
	- - - -	1964
	- - - -	1968

\* Deceased

Black, John Nicholson, D.Sc. - - - -	1965	Bogner, Robert Eugene, M.E. (B.E., 1956)	1959
Black, Nancy Helen Barham, M.B., B.S. - - - -	1951	Böhm, Robert Roman, B.Sc. - - - -	1967
Black, Robert Barham, M.B., B.S. - - - -	1963	Bolin, Beverley Louise, B.E. - - - -	1948
Blackburn, Sir Charles Bickerton, B.A. - - - -	1893	Bollen, Derek Willoughby, LL.B. - - - -	1951
Blackburn, Harold Stewart, M.B., B.S. - - - -	1942	Bollen, Kenneth Willoughby, M.B., B.S. - - - -	1918
Blackburn, John Stewart, B.A. - - - -	1914	Bollen, Michael Dean, M.B., B.S. - - - -	1963
Blackburn, Margaret Alison, B.A. - - - -	1951	Bollen, Peter Willoughby, B.Sc. - - - -	1957
Blackburn, Richard Arthur, B.A. - - - -	1939	Bolt, Janet, B.A. - - - -	1961
Blackburn, Robert Stewart, B.D.S. - - - -	1941	Bond, Leonard Gordon, B.A. - - - -	1924
Blackburn, Suzanne Burton, M.B., B.S. - - - -	1948	Bond, Roy Douglas, B.Tech. - - - -	1958
Blackburn, Trevor Robert, B.Sc. - - - -	1964	Bone, Maxwell Harold, B.A. - - - -	1938
Blackburn, William, B.Tech. - - - -	1968	Bonig, Alois Otto, B.A. (Melbourne, 1959) - - - -	1961
Blacket, Alison Flora, B.A. - - - -	1954	Bonner, Brian Christopher, B.Sc. - - - -	1950
Blacket, Arthur Howard, B.A. - - - -	1927	M.B., B.S. - - - -	1957
Blacket (nee Dickinson), Edith Grace, B.A. - - - -	1926	Bonner, Helen Marjorie, B.A. - - - -	1964
Blacket, Margaret Edith Wilmot, B.A. - - - -	1960	Bonnett, Dean William, B.App.Sc. - - - -	1967
Blackman, Betty Grace, B.Sc. - - - -	1963	Bonnett, John Charles, B.Sc. - - - -	1967
Blackman, Lynette Nancy, B.A. - - - -	1960	Bonney, Richard Askin, B.A. - - - -	1967
Blackmore, Gerda, B.A. - - - -	1958	Bonnin, James Arthur, M.D. (M.B., B.S. 1946) - - - -	1955
Blackwell, Muriel, B.A. - - - -	1954	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936) - - - -	1947
Blackwell, Philip Walter, B.Sc. - - - -	1964	•Bonnin, Lansell, M.B., B.S. - - - -	1941
Blades, James Frederick, B.A. - - - -	1947	Bonnin, Murray Frew, LL.B. - - - -	1936
Blaess, Frank Haydn, B.A. - - - -	1964	B.A. - - - -	1947
Blaess, Frederick John Henry, M.A. (B.A., 1938) - - - -	1943	Bonin, Noel James, M.S. (M.B., B.S., 1932) - - - -	1944
Blaess, Ronald Frederick, B.A. - - - -	1943	Bonython, Charles Warren, B.Sc. - - - -	1938
Blagrove, Robert John, B.Sc. - - - -	1964	Bonython, John Langdon, B.A. (Cambridge, 1928) - - - -	1928
Blakie, David Caryl, B.D.S. - - - -	1968	Bonython, Richard Martin, B.Ag.Sc. - - - -	1957
Blair, David Scott, B.E. - - - -	1949	Bonython, Veryan Eyres, B.A. - - - -	1967
Blair, Joan Scott, B.A. - - - -	1949	Booker, Robert Franklin, M.A. (B.A., 1927) - - - -	1933
Blair, Ruth Margaret, B.A. - - - -	1951	Boomer, Robert Garth, B.A. - - - -	1962
Blake, Alastair Joseph, Ph.D. (B.Sc., 1962) - - - -	1967	Boomsma, Clifford David, M.Sc. (B.Sc., 1946) - - - -	1949
Blake, John Robert, B.Sc. - - - -	1968	Boon, Kwong Kah, B.E. - - - -	1959
Blake, Milton Audley, B.Sc. - - - -	1923	Boord, Frederick Hughes, B.A. - - - -	1956
Blake, Richard Scott, B.Sc. - - - -	1964	Boord, Leslie, B.E. - - - -	1953
Blakeway, Lionel Norman, B.A. - - - -	1948	Booth, Edward Stirling, B.Sc. - - - -	1932
Blanch, Beverley Ruth, B.Sc. - - - -	1956	Booth, Jean Marie, Mus.Bac. - - - -	1944
Bland, Trevor George, B.Sc. - - - -	1968	Borchardt, Mary Pauline, B.A. - - - -	1961
Blanden, Robert Vincent, M.D.S. (B.D.S., 1961) - - - -	1966	Borick, Kevin Vincent, LL.B. - - - -	1959
Blandy, Charles William Douglas, B.E. - - - -	1963	Borkus, Adolfs, B.Tech. - - - -	1967
Blandy, Richard John, B.Ec. - - - -	1961	Borland, Francis Thomas, M.A. (Melbourne) - - - -	1952
Blanks, Brent, B.Arch. - - - -	1965	Boros, Peter George, B.E. - - - -	1959
Blanksby, John William, B.Sc. - - - -	1961	Borrow, Keith Travers, LL.B. - - - -	1939
Blanksby, Peter Ernest, Ph.D. (B.Sc., 1964) - - - -	1968	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937) - - - -	1947
Blaskett, Alan Charles, Ph.D. (B.Sc., 1950) - - - -	1968	Bosher, Peter Abel, B.E. - - - -	1950
Blaskett, Donald Reginald, B.E. - - - -	1940	Bosher, Victor James Marcel, M.Sc. (B.Sc., London) - - - -	1949
Blaskett, Kenneth Selway, B.E. - - - -	1931	Bosworth, Michael Richard, B.Sc. - - - -	1967
Blaskett, Malcolm John, B.E. - - - -	1959	•Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931) - - - -	1938
Blaskett, Sydney Norman, B.E. - - - -	1928	Boswell, Roderick William, B.Sc. - - - -	1965
Bleby, David John, LL.B. - - - -	1963	Both, Roger James, B.Sc. - - - -	1965
Bleby, Dorothy Aileen, B.A. - - - -	1930	Both, Ross Andrew, B.Sc. - - - -	1960
Bleby, Gordon Edward Henry, LL.B. - - - -	1931	Botham, John Robert, B.Ag.Sc. - - - -	1950
Bleby, John Raymond, B.A. - - - -	1933	Bott, Frederick Charles, M.B., B.S. - - - -	1967
Bleby, Martin Edward, B.A. - - - -	1968	Botten, Robert Gray, M.B., B.S. - - - -	1949
Bleby, Thelma Evelyn, LL.B. - - - -	1923	Bottrill, Dean Edward, B.Ag.Sc. - - - -	1961
Blencoe, Mark John, B.A. - - - -	1968	Bottruff, Peter Jeffrey, B.E. - - - -	1964
Blesing, Carolyn, B.A. - - - -	1968	•Boucaut, James Penn, LL.B. - - - -	1939
Blesing, Neville Victor, B.Sc. - - - -	1962	Boucaut, William Ray Penn, B.Sc. - - - -	1958
Blesing, Rae Flora, B.A. - - - -	1947	Boughen, Lloyd Oscar, B.A. - - - -	1967
Blesing, Robert Graham, B.Sc. - - - -	1966	Boundy, Clive Alfred Paul, B.E. - - - -	1935
Blight, John Malcolm, B.Sc. - - - -	1950	Boundy, Rex, B.E. - - - -	1923
Blight, Thomas David, B.Sc. - - - -	1951	Boundy, William Stevenson, B.Sc. - - - -	1950
Bliss, Philip Henry, B.A. - - - -	1967	Bourke, Elma Marie, B.A. - - - -	1933
Bloch, Frederick Archibald, B.Ec. - - - -	1967	Bourke, Herbert Merwin, M.B., B.S. - - - -	1922
Bloomfield, Allan John, B.D.S. - - - -	1939	Bourman, Robert Peter, B.A. - - - -	1967
Bloomfield, Denis Alexander, M.B., B.S. - - - -	1956	Bourne, Malcolm Cornelius, B.Sc. - - - -	1949
Bloomfield, Jack Lee, B.Ec. - - - -	1943	Bowden, Barrie Strathmore, B.A. - - - -	1966
Blown, William Baker, B.E. - - - -	1930	Bowden, Gavin David, B.E. - - - -	1967
Blum, John, B.D.S. - - - -	1955	Bowden, John Gilmore, B.Sc. - - - -	1954
Blumbers, Peter Charles, M.B., B.S. - - - -	1968	Bowden, Kevin Benjamin, B.E. - - - -	1951
Boas, Isaac Herbert, B.Sc. - - - -	1899	Bowden, Peter Ross, B.Sc. - - - -	1968
Boas, Robert Victor, B.E. - - - -	1966	Bowden, Wallace Auckland, M.B., B.S. - - - -	1953
Boase, John William, B.Sc. - - - -	1967	Bowen, Graeme Philip, B.E. - - - -	1964
Boase, Judith Mary, B.Sc. - - - -	1964	Bowen, Maurice Emanuel, LL.B. - - - -	1956
Bock, Robert John, B.Tech. - - - -	1965	Bower, Anthony Richard David, B.Sc. - - - -	1968
Bockman, David, M.B., B.S. - - - -	1959	Bower, Cathy Hilary, B.A. - - - -	1952
Bodmer, Noel Frederick John, M.B., B.S. - - - -	1955	Bowering, Beryl, M.B., B.S. - - - -	1933
Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949) - - - -	1955	Bowering, Douglas Charles, M.B., B.S. - - - -	1954
Boehm, Jack, LL.B. - - - -	1952	Bowering, Michael Lester Wheatley, LL.B. - - - -	1964
Boehm, Rolfe Vernon, B.E. - - - -	1935	Bowering, Owen James Wheatley, B.Sc. - - - -	1964
Boehm, Walter Gotthilf, B.A. - - - -	1953	Bowering, Owen Wheatley, M.B., B.S. - - - -	1937
Boehmer, Sonya Anita, B.A. - - - -	1964	Bowering, Richard Samuel Wheatley, M.B., B.S. - - - -	1966
Boer, Edward Douglas, M.B., B.S. - - - -	1942	Bowering, Ronald Teasdale, B.D.S. - - - -	1965
Boecree, Robert Machiel, Ph.D. - - - -	1964		
Boettcher, Barry, Ph.D. (B.Sc., 1962) - - - -	1966		
Bogdan, Dominic Maria, B.A. - - - -	1967		

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Bowes, Colin Robert, B.Sc.	1945	Brazel, James Francis, LL.B.	1926
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945)	1948	Brazier, John Richard, B.A.	1948
Bowes, Keith Russell, M.A. (B.A., 1955)	1958	Brazier, Vincent John, B.D.S.	1965
Bowey, Allan Edgar, B.Sc.	1953	Breakey, Angus James, B.E.	1953
Bowley, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939
Bowley, Ross Richard, M.B., B.S.	1948	Brealey, Keith Lisle, B.Sc.	1951
Bowie, John Hamilton, Ph.D. (Nottingham, 1964)	1967	Brearley, Maurice Norman, Ph.D.	1958
Bowler, John Kirkpatrick, M.B., B.S.	1937	Brebner, Charles Ross, LL.B.	1954
Bowler, Michael John, LL.B.	1965	Brebner, Donald Malcolm, LL.B.	1951
Bowles, John Raymond, B.Sc.	1961	Bree, Ellen Ruth, B.A.	1942
Bowman, David Bates, M.B., B.S.	1968	Bree, Joan Alison, B.Sc.	1948
Bowman, Pamela Dawn, B.A.	1966	Brennan, Maxwell Howard, Ph.D. (Sydney, 1958)	1964
Bowness, Alexander, B.Ec.	1947	Brentnall, George Rex, M.B., B.S.	1953
Bowness, Helen, B.Sc.	1965	Brenton, Kevin John, B.E.	1968
Bowyer, Donald Albert, B.E.	1957	Brereton, Graham Arthur, B.Sc.	1968
Bowyer, Richard Dean, B.Tech.	1964	Bretag, Allan Hugo, B.Sc.	1964
Box, David Richard, B.Tech.	1962	Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1957
Boyce, Althea Enid, B.A.	1930	Brett, Ian David, B.App.Sc.	1965
Boyce, Colin John, B.Arch.	1962	Brett, Peter Robin, B.Sc.	1956
Boyce, Geoffrey David, B.Sc.	1967	Brewster, James William, B.E.	1966
Boyce, Kevin Gilbert, B.Ag.Sc.	1964	Brewster-Jones, Anne Gerta, B.A.	1967
Boyce, Malcolm Herbert, B.Tech.	1960	Breynard, Keith Beaumont, B.E.	1956
Boyce, Peter James, B.Tech.	1960	Brice, Annette, B.A.	1954
Boyce, Robert William, B.E. B.Ec.	1954	Brice, Emilie Una, B.A.	1937
Boyce, Sidney Herbert, B.E.	1928	Brice, Helen Elizabeth, B.Sc.	1953
Boyd, Ashley James, B.Sc.	1960	Brice, Ian David, B.A.	1965
Boylan, Francis Eugene, LL.B.	1953	Brice, John Marshall, B.Sc.	1951
Boyle, Kevin William, B.E.	1940	Brideson, Colin Herbert, B.A.	1966
Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	1947	Brideson, Hedley Cyril, B.A.	1943
Boyle, Maxwell John, B.E.	1964	Bridge, Kennedy James, B.A.	1959
Brabham, Roy Andrew, B.E.	1956	Bridges, David John, LL.B.	1968
Brace, Richard Howard, B.A.	1966	Bridgewater, Franklin Herbert Griffin, M.B., B.S.	1963
Bracken, Anthony John, B.Sc.	1965	Bridgland, Milton Deane, B.Sc.	1942
Bracken, Maurice John, B.A.	1947	Bridgland, Reginald James, M.E. (B.E., 1930)	1935
Bradbury, James Samuel, B.Tech.	1960	Briffa, Charles Anthony, B.Sc.	1968
Braddock, Lyall Arthur, B.Ec.	1944	Brigden, James Bristock, B.A. (Oxford, 1920)	1926
Braddock, Pamela Joyce, B.Sc.	1966	Briggs, Basil Hugh, Ph.D. (Cambridge, 1952)	1963
Braddock, Roger David, B.Sc.	1964	Briggs, Stephen John, B.Ec.	1968
Braden, Allan Walter Horace, B.Sc.	1947	Bright, Ann, B.A.	1965
Bradley, James, B.Tech.	1959	Bright, Charles Hart, B.A. LL.B.	1934
Bradley, Michael Charles, M.A. (B.A., 1955)	1960	Bright, David Flaxman, LL.B.	1966
Bradley, Peter John, B.App.Sc.	1968	Brilla, Josef, D.Sc.	1966
Bradshaw, Alan William, B.Sc.	1967	Brimage, Robert Frederick, M.B., B.S.	1964
Bradshaw, Douglas Richard, B.Sc.	1965	Brimblecombe, Kevin, B.Sc.	1968
Bradtke, Walter John, M.B., B.S.	1960	Brindal, Rosemary Barbara, M.B., B.S.	1949
Brady, Anthony Edward, LL.B.	1968	Brindal, William Harley, B.D.S.	1956
Braendler, John Edward, B.A.	1967	Brine, Barry John, B.Tech.	1965
Bragg, Sir William Lawrence, C.H., B.A.	1908	Brinkworth, Peter Charles, B.A.	1964
Braham, Henry Arnold Collyer, B.A.	1959	Brisbourn, John Augustus Roger, M.B., B.S.	1950
Brain, Patricia Ethel, M.B., B.S.	1957	Brissenden, Alan Theo, Ph.D. (London, 1962)	1963
Braune, Alan John Fisher, B.E.	1951	Britton, Philip John, M.A. (Oxford, 1968)	1968
Bramwell, Myra Gladys, B.A.	1940	Britton, Robert John, B.A.	1966
Brand, Ian Allen George, M.B., B.S.	1957	Brixius, Rotraud Annelie, B.Mus.	1968
Brandstater, Bernard John, M.B., B.S.	1951	Broadbent, Eric Elihu, M.B., B.S.	1917
Brandstater, Rhona, B.Sc.	1949	Broadbent, Henry Neil Gribble, B.E.	1952
Branford, Basil Luke, B.Ec.	1964	Broadbent, Ian Nicholas, M.B., B.S.	1954
Branford, John Andrew, B.Tech.	1960	Broadbridge, Leonard William, B.Sc.	1963
Branford, Neil Leslie, B.Ec.	1959	Broadfoot, Kenneth Davidson, B.E.	1954
Branson, Colin William, B.Ec.	1953	Brock, Brian James, B.Sc.	1961
Branson, Dean Martin, M.B., B.S.	1955	Brock, Erland Jeffrey, M.A. (B.A., 1955)	1965
Branson, Harold Randolph, M.B., B.S.	1921	Brock, Rex Richard Ashby, M.B., B.S.	1949
Branson, Kenneth George, B.Ec.	1961	Brock, Robert John, B.E.	1955
Branson, John Gilbert, LL.B.	1968	Brockhoff, John Ashleigh, B.Sc.	1956
Branson, Robert James, B.Ec.	1962	Brockhurst, Peter John, B.Tech.	1959
Branson, Rodman Wayne, B.E.	1964	Brocksopp, John Ernest, LL.B.	1934
Brasch, Leonard William, B.Sc.	1950	Brockway, George Ernest Emerson, B.Sc.	1921
Brauer, Arne, B.Ec.	1960	Broderrick, Margaret Jean, LL.B.	1967
Brauer, Edwin Harold, B.A.	1947	Brodie, Robert Andrew, B.Sc.	1967
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	1905	Brodribb, Peter, B.Tech.	1968
Brauer, Renata Anna, B.A.	1965	Broinowski, Helen Mary, M.B., B.S.	1962
Brauer, Thomas, B.Tech.	1959	Broinowski, Richard Philip, LL.B.	1962
Braunthal, Norman Frank, B.Ec.	1947	Brokensha, Peter, B.E.	1950
* Brawn, May, M.A. (B.A., 1922)	1924	Brokenshire, Alan Richard, B.Sc.	1962
Bray, Andrew Mackie, M.E. (B.E., 1950)	1960	Bromfield, Donald Hamilton, M.B., B.S.	1946
Bray, Elva Mildred, B.A.	1941	Bronner, Rudolph, M.A. (B.A., 1912)	1926
Bray, Gildart Harvey, M.A., (Aberdeen, 1890)	1891	Brook, Donald Leslie, B.E.	1949
Bray, Isobel Mary, B.Sc.	1951	Brook, John Frank Hay, B.Tech.	1966
Bray, John Jefferson, LL.D. (LL.B., 1932)	1937	Brook, John Oliver, B.Sc. B.D.S.	1962
Bray, John Marmion, B.Sc.	1942	Brook, Richard John, B.Sc.	1956
Bray, Kenneth William Arthur, M.A.	1962	Brook, Robert Renk, B.Sc.	1962
Bray, Robert Stow, B.Sc.	1942	Brooke, Anthony Lackington, B.Sc.	1964
Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928)	1930	Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935)	1939
Bray, William Harry, LL.B.	1951		
Braysher, Michael Leonard, B.Sc.	1967		

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Brooke, Malcolm Archibald, B.E.	1925	*Brown, Mary Home, B.Sc.	1902
*Brooke, Peter Michael, B.E.	1958	Brown, Maurice William, M.B., B.S.	1954
Brooke, William Charles Robert, B.E.	1931	Brown, Nicholas, B.Sc.	1967
Brooke, William John Lackington, B.Sc.	1966	Brown, Norman, B.A.	1952
Brooker, John Owen, B.Sc.	1963	Brown, Pauline, B.Sc.	1965
Brooker, Murray Ian Hill, B.Ag.Sc.	1957	Brown, Peter James, B.Pharm.	1968
Brooker, Peter Ian, B.Sc.	1965	Brown, Raymond George, Ph.D. (Birmingham, 1956)	1959
Brookman, Benjamin Edward, M.B., B.S.	1944	Brown, Raymond George, Ph.D. (B.Sc., 1960)	1966
Brookman, Beverley Paquita, B.Sc.	1963	Brown, Reginald Dutton, B.Ec.	1945
Brookman, Graham George, B.E.	1949	Brown, Richard Archibald, B.E.	1954
Brookman, John Gordon, B.E.	1937	Brown, Robert Foster, LL.B.	1936
Brookman, John Ragless, M.E. (B.E., 1913)	1925	Brown, Roger Norman, Ph.D. (B.Sc., 1952)	1959
Brooks, Brian John, B.E.	1951	Brown, Ross Alvarez, M.B., B.S.	1951
Brooks, Bruce Allen, B.E.	1960	Brown, Tasman, D.D.Sc., (B.D.S., 1950, M.D.S., 1963)	1968
Brooks, Clive James, LL.B.	1967	Brown, Trevor Anthony, B.Tech.	1962
Brooks, Colin Charles, B.Sc.	1959	Brown, Trevor Hedley, B.Ag.Sc.	1966
Brooks, David Gordon, B.Tech.	1963	Brown, Warwick Day, B.Sc.	1944
Brooks, David Edmund, B.Ag.Sc.	1967	Browne, Christopher Mervyn, B.Ec.	1964
Brooks, David Stirling, Ph.D. (M.E., 1958, B.E., 1955)	1968	Browne, Francis Geoffrey, B.Tech.	1960
Brooks, George Herbert, B.Sc. (Eng.)	1943	Browne, Jeffrey Francis, LL.B.	1966
Brooks, Hector Buckland, B.Ag.Sc.	1954	Browne, Noel John, M.B., B.S.	1953
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955	Browne, Patrick Anthony, LL.B.	1963
Brooks, James Alfred, B.Sc.	1952	Browne, Patrick John, B.Sc.	1966
Brooks, Jennifer Ann, B.Sc.	1963	Browne, Philip, M.A. (B.A., 1920)	1928
Brooks, Joyce Dardanella, B.A.	1945	Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951)	1959
Brooks, Julie Ann, B.A.	1965	Brownhill, Michael Harrington, B.Sc.	1964
Brooks, Merle Olive, B.A.	1947	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	1951
Brooks, Mervyn Leslie, B.Sc.	1948	Brownson, Carol, B.Sc.	1966
Brooks, Richard Edwin, B.Tech.	1967	Bruce, Clifford Roy, B.A.	1949
Brooks, Richard Rodney, B.E.	1935	Bruce, Francis William, B.A.	1967
Brooks, Robert John, M.B., B.S.	1967	Bruce, Robert Lake, B.Tech.	1960
Brooks, William Charles, B.A.	1967	Bruce, William Andrew, B.E.	1968
Broomhead, Edwin Norman, M.A. (B.A., 1938)	1940	*Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, LL.D. (Cambridge, 1923)	1926
Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931	Bruer, Michael Jeffrey Gartrell, B.A.	1960
Brotherton, Roald Alfred, B.Sc.	1967	Bruggemann, Richard Norman, B.A.	1968
Brougham, Geoffrey Robert, B.A.	1968	Brummit, Donald William, M.B., B.S.	1938
Brougham, John Harvey, B.E.	1960	Brummit, Peter Elliott, M.B., B.S.	1957
Broughton, Graham Ross, B.A.	1966	Brummit, Robert, M.B., B.S.	1955
Broughton, Rodney Whitfield-Smith, B.E.	1953	Brunt, Maureen Doris, B.Ec. (B.Com., Melbourne, 1951)	1960
Brous, Michel, M.B., B.S.	1945	Bryan, Claude John Dennis, M.B., B.S.	1950
Brown, Adrian Seymour, B.A.	1945	Bryan, Peter Kaye, M.B., B.S.	1954
Brown, Alexander, LL.B.	1968	Bryant, Deborah Amelia, B.A.	1968
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1966	Bryant, Kenneth Hyett, M.B., B.S.	1955
Brown, Barry Lloyd, B.Tech.	1926	Bryant, Kevin Harry John, B.Sc.	1962
Brown, Carolyn Mary, B.A.	1964	Bryce, Eric Albert, Mus.Bac.	1962
Brown, Cyril Leonard, B.A.	1966	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1944
Brown, Cyril Maitland Ash, B.A.	1967	Bryson, Helen Anne, B.A.	1963
Brown, Denis Hackett, M.Sc. (B.Sc., 1960)	1964	Bryson, Margaret Elise, B.A.	1966
Brown, Donald Edgar, B.A.	1954	Bubela, Bohdan, Ph.D. (B.Sc., 1961)	1965
Brown, Dougal Hamilton, B.E.	1948	Bubner, Kenneth Max, B.A.	1962
Brown, Enid Norma, B.A.	1939	Buchan, Howard James, B.Sc. (Sydney, 1950)	1955
Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914	Buchanan, Christopher Bryce, B.Ec.	1968
Brown, Frederick George, B.A. (London, 1898)	1906	Buckley, Joseph Edward, B.Sc.	1950
Brown, Garry Leslie, B.E.	1910	Buckett, Reginald Clement, B.E.	1931
Brown, Garth Raymond, B.Ag.Sc.	1964	Buesing, Kuno Wilhelm Nicolaus, B.A.	1964
Brown, Geoffrey Frank, B.Sc.	1961	Buick, Donald Robert, B.Sc.	1966
Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946)	1961	Buick, Ross Raymond, B.Tech.	1962
Brown, Geoffrey Keith, B.D.S.	1968	Buick, William George, B.A.	1956
Brown, Geraldine Whittle, B.Sc.	1949	Bulbeck, Francis Paul, B.E.	1951
Brown, Graham Barrett, B.E.	1952	Bull, Anthony James, B.Sc.	1964
Brown, Graham John, B.Tech.	1965	Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	1953
Brown, Graham Ross, B.E.	1967	Bull, Maxwell Kenneth, Ph.D. (Southampton, 1963)	1965
Brown, Helen Margaret, B.A.	1968	Bull, Patricia Anne, B.Sc.	1964
*Brown, Henry, M.A. (B.A., 1920)	1924	Bull, Philip James, B.A.	1967
Brown, Howard Arthur, B.E.	1936	Bull, Winnifred, B.A.	1943
Brown, Ian, D.Sc. (B.Sc., 1940)	1966	Bullas, Leonard Raymond, M.Sc. (B.Sc., 1953)	1957
Brown, Ian Jarvis, B.Arch.	1966	Bullas, Vernon Lindsay, B.A.	1966
Brown, James Howard, M.B., B.S.	1944	Bullough, William John, B.E.	1939
Brown, Jennifer May, M.B., B.S.	1957	Bullock, Frederick George, B.E.	1968
Brown, Joan, B.Sc.	1954	Bullock, John Hynam, B.E.	1936
Brown, John Arthur Stacy, B.Sc.	1951	Bullock, Peter John, B.E.	1966
Brown, Judith Eileen, M.Sc. (B.Sc., 1954)	1961	Bulkeley, Robert Ion Pierston, B.A.	1962
Brown, Kenneth Aylesbury, B.D.S.	1950	Bumanis, Teodors, B.Arch.	1967
Brown, Kenneth Barnden, M.B., B.S.	1942	Bumbieris, Veneta, B.A.	1964
Brown, Kevyn Ross, B.E.	1967	Bundey, David Hamilton, B.E.	1951
Brown, Laurence Binet, Ph.D. (London, 1954)	1958	Bundey, John Goode, M.B., B.S.	1947
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948	Bundrock, Anthony John, B.E.	1968
Brown, Margaret, M.B., B.S.	1956		

\* Deceased

Bunbrock, William John, B.E.	1952	Burrow, Allan Lincoln John, B.Sc.	1927
Bungey, Lloyd Morris, B.Sc.	1964	Burrow, Donald Deane, M.B., B.S.	1966
Bungey, Roger Saunders, B.Sc.	1952	Burrow, John Francis, B.D.S.	1951
M.Ag.Sc.	1968	Burrows, Natalie Joyleen, B.A.	1966
Bunney, Bronte Rowland, B.Sc.	1951	Burston, Robin Archibald, M.B., B.S.	1943
Bunney, Judith Anne, B.A.	1956	Burston, Timothy Oliver, B.Sc.	1968
Burchett, Kemerri Ann, LL.B.	1953	Burtmanis, Egils, B.Sc.	1963
B.A.	1954	Burton, Alice Madge, M.A. (B.A., 1928)	1931
Burchmore, John William, M.B., B.S.	1959	Burton, David Winn, Ph.D.	1968
Burdett, John Charles, LL.B.	1951	Burton, Dudley Hopetoun, B.A.	1938
Burdett, John Francis, M.Ag.Sc.	1964	Burton, Graham Frank, B.Sc.	1963
Burdon (nee McRostie), Ella Kate, B.A.	1915	Burton, Hugh Jamieson, LL.B.	1966
Burdon, Geoffrey Jasper, B.E.	1949	Burton, Janet Elizabeth, LL.B.	1959
Burdon, Ivor Leslie, B.A.	1943	Burton, Maxwell Victor, M.Ag.Sc. (B.Ag.Sc.,	
Burdon, Kenneth Roy, M.B., B.S.	1949	1950)	1965
Burdon, Peter Leslie, B.Ag.Sc.	1967	Burton, Nancy Glen, B.A.	1932
Burdon, Roy Stanley, D.Sc. (B.Sc., 1916)	1935	Burton, Patrick Andrew, M.B., B.S.	1956
Burfield, Arthur, B.A.	1934	Burton, Peter, B.E.	1955
Burfield, Brenton Graham, B.D.S.	1959	Burvill, George Henry, M.Ag.Sc. (B.Sc.	
Burfield, Geoffrey Donald, M.B., B.S.	1962	(Agric.), Western Australia, 1931)	1939
Burfield, Lance Samuel, B.E.	1940	Burvill, Peter Walter, M.B., B.S.	1957
Burfield, Philip Allan, B.A.	1967	Bury, Carol Rosemary, B.A.	1962
Burford, Brenton John, B.Tech.	1965	Bury, Warren Richard, B.A.	1965
Burford, Edward Brian, B.E.	1960	Burzacott, Brian Roy, B.Ec.	1966
Burford, John Roland, M.Ag.Sc. (B.Ag.Sc.,		Bush, Lilian, M.A. (Edinburgh, 1933)	1953
1961)	1968	Buselli, Ciochino, B.Sc.	1966
Burford, Mary Jill, B.Sc.	1957	Busuttil, Emanuel John, B.Tech.	1960
Burford, Noel Lindsay, B.Sc.	1963	Butcher, Alan Edward, B.A.	1931
Burford, Peter James, B.Sc.	1966	Butcher, Christopher John, M.B., B.S.	1967
Burford, Robert Royce, B.Sc.	1955	Butcher, Colin Sydney, B.A.	1967
Burford, Warren Lindsay, B.Sc.	1945	Butcher, Ian Robert, Ph.D. (B.E., 1957)	1965
Burge, Betty Jean, B.Sc.	1965	Butcher, John Alexander, B.Ec.	1965
Burger, Geoffrey John, B.A.	1963	Butcher, Margaret Gillian, B.Sc.	1966
Burger, George Emanuel, M.Sc. (Ph.D.,		Butcher, Robert Neville, B.Sc.	1967
Vienna, 1927)	1940	Butement, William Alan Stewart, D.Sc.	1961
Burgess, Alan Stanley, B.Sc.	1965	Butler, Alan John, B.Sc.	1967
B.E.	1967	Butler, Deirdre Brigid, B.Sc.	1953
Burgess, Annie Frances, B.A.	1909	Butler, Frederick Stanley, M.A.	1893
Burgess, John Albert, B.E.	1957	Butler, Graeme Andrew, B.Sc.	1966
Burgess, Leslie Frank, B.Sc.	1908	Butler, Ian John, M.B., B.S.	1965
Burgess, Michael Carlisle Howard, B.Ec.	1967	Butler, James Mortimer, B.Sc.	1951
Burgess, Norman Cecil, B.E.	1923	Butler, Joan Hilary, B.Sc.	1954
Burgess, Patricia Mary, B.A.	1968	Butler, Kathleen Fiona, B.A.	1944
Burgess, Richard John, B.D.S.	1956	Butler, Kathleen Mary, B.A.	1966
Burgess, Shirley Ann, B.A.	1968	Butler, Keith Raymond, B.Sc.	1968
Burgovne, Leigh Alexander, Ph.D. (B.Ag.Sc.,		Butler, Pamela Margaret, B.Sc.	1956
1962)	1968	Butler, Peter Forsythe, M.Ag.Sc. (B.Ag.Sc.,	
Buring, Franz Maurice, B.E.	1923	1947)	1951
Buring, Rupert Hermann Maurice, B.Sc.	1929	Butler, Peter Harold, B.Mus.	1968
Burke, Philip Damien, B.Sc.	1953	Butler, Randal St. John Michael, M.B., B.S.	1954
B.A.	1965	Butler, Raymond Francis, B.Tech.	1965
Burke, Robert Stanley, B.E.	1968	Butler, Reginald Graham, B.A.	1963
Burleigh, Eric Charles, M.A. (Bristol, 1951)	1956	Butler, Stuart Thomas, M.Sc. (B.Sc., 1945)	1948
Burley, Henry Thomas Augustine, B.Ec.	1962	Butler, William Henry, B.Sc.	1931
Burley, Simon Peter, Ph.D. (B.Sc., 1959)	1965	Butler-Nixon, Grahame Gordon, LL.B.	1956
Burnard, David Alexander, Mus.Doc.		Butterfield, Anthony William, B.Sc.	1964
(Mus.Bac., 1927)	1932	Butters, David Chalmers, B.Sc.	1967
Burnard, Donald Frank, B.E.	1935	Butterworth, Boyd Robert, M.B., B.S.	1951
Burnard, Ian Robert, B.Sc.	1960	Butterworth, Clarence Gerald Roy, B.A.	1929
Burnard, Patricia de Garis, B.A.	1938	Butterworth, David John, B.Sc.	1952
Burnard, Renfrey Gershon, M.B., B.S.	1904	Butterworth, Geoffrey Noel, B.E.	1958
Burnard, Richard de Garis, M.B., B.S.	1937	Butterworth (nee Foster), Helen Lesley,	
Burnard, Rosemary Jill, B.A.	1966	M.Sc. (B.Sc., 1948)	1954
Burnard, Robin, B.A.	1960	Butterworth, Peter Walter, B.E.	1951
Burnard, Sally Margaret, B.A.	1962	Buttery, Roland Richard, LL.B.	1924
Burnard, William Frank, B.Sc.	1952	Buttery, Ronald Gordon, Ph.D. (B.Sc., 1952)	1956
Burnell, Arthur William, M.B., B.S.	1943	Buttfield, Andrew Holden, B.Tech.	1963
Burnell, Reginald George, B.A.	1905	Buttfield, Ian Holden, M.D., (M.B., B.S.,	
Burnell, Richard Hugh, M.B., B.S.	1960	1963)	1966
Burnett, Baltimore Edward Thackeray, B.A.	1937	Button, Reginald Ernest, B.E.	1934
Burnett, Ian Brandwood, LL.B.	1958	Button, Trevor Martin, B.A.	1968
Burnett, Leonard Ward, B.E.	1949	Buttrose, Ian, LL.B.	1918
Burnett, Margaret Joy, B.A.	1963	Buttrose, Mark Sinclair, M.Sc. (B.Ag.Sc.,	
Burnham, Mary Elizabeth, B.A.	1951	1956)	1959
Burns, Brendan Henry, LL.B.	1965	Buttrose, Stroma, B.A.	1955
Burns, Chester Arnold, B.D.S.	1929	Buxton, Gordon Leslie, B.A.	1962
Burns, Clement Aylesbury Colin, M.B., B.S.	1954	Buxton, John Balfour, B.Sc.	1957
Burns, Erica Marian, B.Sc.	1955	Buxton, John Haydn, B.A.	1968
Burns, John Cumming, B.D.S.	1926	Buxton, Ruth Dorothea, B.Mus.	1967
Burns, Marjorie Ruth, B.A.	1952	Byerlee, Derek Ronald, B.Ag.Sc.	1967
Burns, Mary Leonora, M.A. (B.A., 1928)	1931	Byerley, Rosemary Helen, B.A.	1967
Burns, Peter James Stedman, M.B., B.S.	1954	Byers, Alan Edwin, B.Sc.	1965
Burns, Richard John, M.B., B.S.	1960	Byles, Baldur Unwin, B.Sc.	1925
Burnside, James Patrick, B.Sc.	1950	Byrne, Alfred Dudley, M.B., B.S.	1927
Burr, Michael, M.B., B.S.	1962	Byrne, Bernadette Marie Therese, B.A.	1950
Burrage, Betty Dalnahoy, B.Sc.	1944	Byrne, Graham Kearns, B.Tech.	1966
Burrell, Edward Sampson, B.D.S.	1940	Byrne, Maurice John, B.Ag.Sc.	1962
Burridge-Sibbons, Christine Florence, B.Sc.	1967	Byrne, Osman Roy, Ph.D. (B.Sc., 1958)	1963

• Deceased



Byrne, Peter Dudley, M.B., B.S. - - - - 1966  
 Byrne, Peter Noel, B.Ag.Sc. - - - - 1952  
 Byrne, William Creedon, B.A. - - - - 1954  
 B.Ec. - - - - 1960

## C

Cabelli, Andre, B.E. - - - - 1966  
 Cacas, Michael George, M.B., B.S. - - - - 1965  
 Cadd, Paul, B.A. - - - - 1965  
 Caddy, Peter Matthew, B.D.S. - - - - 1967  
 Cahalan, Maurice James, B.Sc. (Eng.) - - - - 1945  
 Caiger, Philip, Ph.D. - - - - 1965  
 Cain, Francis Michael, B.A. - - - - 1966  
 Cain, Peter William, B.Sc. - - - - 1966  
 Caines, Jeneppher Ellen, B.A. - - - - 1958  
 Caldecott, Donald Maxwell, B.Tech. - - - - 1961  
 Caldecott, Stanley John, B.Tech. - - - - 1960  
 Calder, David Everard, B.E. - - - - 1949  
 B.Ec. - - - - 1963  
 Calder, David William, B.A. - - - - 1964  
 Calder, Ian Campbell, Ph.D. (B.Sc., 1962) - - - - 1966  
 Calder, Rex Finlayson Cormack, B.E. - - - - 1927  
 Calder, Ronald Rex, B.E. - - - - 1950  
 Calder, Shirley Hilda, M.B., B.S. - - - - 1950  
 Calderwood, John Douglas, LL.B. - - - - 1960  
 Caldicott, Emma Victoria, B.A. - - - - 1927  
 Caldicott, William James Hughes, M.B., B.S. - - - - 1963  
 Caldwell, Hilda Valmai, B.Ec. - - - - 1941  
 Callaghan, John Phillip, B.A. - - - - 1952  
 LL.B. - - - - 1953  
 Callaghan, Kerry Allan, M.B., B.S. - - - - 1963  
 Callen, David Frederick, B.Sc. - - - - 1968  
 Callen, Roger Arthur, B.Sc. - - - - 1966  
 Callow, Donald Frederick William, B.Tech. - - - - 1960  
 Callus, Francis Arthur, B.Sc. - - - - 1954  
 Cambrell, Gregory Keith, B.E. - - - - 1964  
 B.Sc. - - - - 1967  
 Camens, Ivan Maurice Henry, M.B., B.S. - - - - 1947  
 Cameron, Alexander Scott, M.B., B.S. - - - - 1964  
 Cameron, Colin George, B.A. - - - - 1966  
 Cameron, Cyril Thomas Murray, M.B., B.S. - - - - 1954  
 Cameron, Donald Ewen, B.Ec. - - - - 1958  
 Cameron, Duncan James, M.B., B.S. - - - - 1957  
 Cameron, Heather Margaret, B.A. - - - - 1968  
 Cameron, Ian Edmund, LL.B. - - - - 1950  
 Cameron, John McFarlane, B.A. - - - - 1968  
 Cameron, Margaret Allison, B.A. (Queensland, 1959) - - - - 1966  
 Cameron, Rex Arthur, B.A. - - - - 1967  
 Cameron, Robert Alastair, B.E. - - - - 1961  
 Cameron, Roy James, M.Ec. (B.Ec., 1948) - - - - 1951  
 Camp, Shirley Anne, M.B., B.S. - - - - 1967  
 Campbell, Allan Gordon, M.S. (M.B., B.S., 1938) - - - - 1950  
 Campbell, Allan Peter, B.Sc. - - - - 1961  
 Campbell, Anne Judith, B.Sc. - - - - 1965  
 Campbell, Archibald Duncan, B.A. - - - - 1955  
 Campbell, Archibald Herbert, B.A. - - - - 1925  
 Campbell, Archibald Way, M.B., B.S. - - - - 1896  
 Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889) - - - - 1889  
 Campbell, Donald, LL.B. - - - - 1911  
 Campbell (nee Corbin), Elizabeth Mary, M.A. (B.A., 1963) - - - - 1968  
 Campbell, Florence Way, Mus.Bac. - - - - 1897  
 Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - 1947  
 Campbell, George McClelland, B.D.S. - - - - 1956  
 \*Campbell, Gordon Cathcart, B.A. - - - - 1906  
 LL.B. - - - - 1909  
 Campbell, Ian Duncan, B.E. - - - - 1955  
 Campbell, Ian George, M.B., B.S. - - - - 1953  
 Campbell, Jessie, B.A. - - - - 1908  
 Campbell, Jessie, B.A. - - - - 1929  
 Campbell, John Arthur, M.Sc. (B.Sc., 1961) - - - - 1964  
 Campbell, John Duncan, M.B., B.S. - - - - 1964  
 Campbell, Kenneth Bruce Desmond, B.E. - - - - 1931  
 Campbell, Kevin Desmond, B.Tech. - - - - 1958  
 Campbell, Malcolm McLachlan, B.Ag.Sc. - - - - 1966  
 Campbell, Robert Dean, B.Sc. - - - - 1961  
 \*Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921) - - - - 1923  
 D.Sc. - - - - 1939  
 Canaway, Geoffrey Watson, B.E. - - - - 1951  
 Cann, Melvyn Roy, Mus.Bac. - - - - 1963  
 B.A. - - - - 1965

Cannell, Cedric James, B.Sc. - - - - 1931  
 B.A. - - - - 1943  
 Cannell, John Kingerley, B.E. - - - - 1959  
 Canning, Albert Edward, B.E. - - - - 1949  
 Canning, Ronald George, B.Sc. - - - - 1962  
 Cannon, Jean Agnes, B.Sc. - - - - 1964  
 Canny, Kevin Francis, LL.B. - - - - 1953  
 Canny, Nicholas Joseph, B.Sc. - - - - 1947  
 Cant, Alistair McKinnon, B.A. - - - - 1939  
 Cant, Alistair Bevan McKinnon, M.B., B.S. - - - - 1962  
 Cant, David George, B.Arch. - - - - 1967  
 Cant, Elizabeth Laurence McKinnon, B.Sc. - - - - 1959  
 M.B., B.S. - - - - 1962  
 \*Cant, Harry Arundale, B.Sc. - - - - 1924  
 Cant, Isobel Brown, B.A. - - - - 1954  
 Cant, Rodney Revett, B.Ag.Sc. - - - - 1949  
 Cantlon, Bryon Ernest Charles, B.Tech. - - - - 1959  
 Cantwell, Jeffrey Richard, B.E. - - - - 1968  
 Canty, Donald Charles, B.Tech. - - - - 1964  
 Capon, Ian Nicholas, B.Sc. - - - - 1957  
 Capon, Judith Christine, B.A. - - - - 1966  
 Capps, Roger Alan, M.B., B.S. - - - - 1968  
 Carapetis, Steve, B.Tech. - - - - 1958  
 Carasso, Alfred Samuel, B.Sc. - - - - 1960  
 Carasso, Robert, B.Sc. - - - - 1968  
 Carden, David, M.B., B.S. - - - - 1953  
 Carey, Edward John, B.Ec. - - - - 1946  
 Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906) - - - - 1924  
 Carey, Gerald David, B.Ec. - - - - 1958  
 Carey, Helen, B.A. - - - - 1967  
 Carey, John Gilbert, B.Sc. - - - - 1954  
 Carey, William Francis, B.Sc. - - - - 1966  
 Carman, Robert Douglas, M.S. (M.B., B.S., 1939) - - - - 1948  
 Carman, Stephen Hewett, LL.B. - - - - 1936  
 Carmen, Noel Francis, B.A. - - - - 1947  
 Carmichael, Barry Marshall, B.A. - - - - 1966  
 Carmichael, Donald Ross, B.A. - - - - 1950  
 Carmichael, Graeme Galloway, M.B., B.S. (M.B., B.Ch. Cambridge, 1954) - - - - 1963  
 M.D. - - - - 1964  
 Carmichael, Keith Ernest, B.E. - - - - 1963  
 Carmichael, Robert Wilton, B.Ec. - - - - 1968  
 Carmichael, Samuel John, B.A. - - - - 1968  
 Carne, Alfred George, B.A. - - - - 1912  
 Carne, Graham Gerard Alfred, B.Tech. - - - - 1966  
 Carne, Ian Hamilton, B.E. - - - - 1940  
 Carney, John Malcolm, M.B., B.S. - - - - 1962  
 Carney, Paul Graham, M.B., B.S. - - - - 1964  
 Carpenter, Allan Lloyd, B.E. - - - - 1965  
 Carpenter, James Alfred, Ph.D. (W.A., 1962) - - - - 1963  
 Carr, Emma Lucy, B.A. - - - - 1917  
 Carr, Peter Morris, B.Ag.Sc. - - - - 1964  
 Carr, Robert Edward, B.Ec. - - - - 1962  
 Carrall, Robert Murray, B.Ag.Sc. - - - - 1958  
 Carroll, Mary Philomena, B.A. - - - - 1933  
 Carruthers, Alfred Lloyd Harvey, B.Ec. - - - - 1957  
 Carruthers, Stewart Ross, B.Tech. - - - - 1961  
 Carter, Alan Norval, M.Sc. - - - - 1954  
 Carter, Alexander John, B.Sc. - - - - 1957  
 Carter, Charles Robert, B.Sc. - - - - 1947  
 Carter, Colin Leslie, B.Sc. - - - - 1964  
 Carter, Darryl Rothney, B.Ec. - - - - 1967  
 Carter, Edward Diment, B.Ag.Sc. - - - - 1949  
 Carter, Elijah, LL.B. - - - - 1957  
 Carter, Elizabeth Reay, B.A. - - - - 1942  
 Carter, Frank Killingbeck, B.Sc. - - - - 1922  
 Carter, Graham Elliot, LL.B. - - - - 1961  
 Carter, Ian Dan, M.B., B.S. - - - - 1952  
 Carter, Ida Jane, B.A. - - - - 1918  
 Carter, Maurice Vernon, Ph.D. (B.Ag.Sc., 1951, M.Ag.Sc., 1957) - - - - 1964  
 Carter, Maxwell John, B.Sc. - - - - 1948  
 Carter, Melville Lionel, M.B., B.S. - - - - 1953  
 Carter, Peter John, B.E. - - - - 1964  
 Carter, Philip George, B.A. - - - - 1967  
 Carter, Rodney Frederick, M.B., B.S. - - - - 1959  
 Carter, Stephen Reginald, B.Ec. - - - - 1966  
 Carthew, Allen Rex, B.Sc. - - - - 1949  
 Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - 1947  
 Carthew, John, B.E. - - - - 1952  
 Carthew, Lancelot, B.A. - - - - 1932  
 Carthew, Robert Ronald, B.Arch. - - - - 1966  
 \*Cartledge, Jack Pickering, LL.B. - - - - 1921  
 Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - 1947

\* Deceased

Caruso, Ralph, B.Tech.	1968	Chapman, Ann, B.A.	1964
Carver, John Henry, Ph.D. (Cambridge, 1953)	1965	Chapman, Arthur Horsley, B.E.	1927
Casals, Joel Canonigo, B.E.	1960	Chapman, Brian Robert, B.A.	1968
Casey, Bryan Anthony, B.Sc.	1964	Chapman, Denise Alcon, B.A.	1960
Cash, Mary Therese, B.A.	1966	Chapman, Ernest Stirling, B.D.S.	1928
Cashin, Ronald James, B.Tech.	1960	Chapman, Fay Horsley, B.Sc.	1961
Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929)	1938	Chapman, Frank Hewett, LL.B.	1930
Cashmore, George Herbert, M.B., B.S.	1927	Chapman, Gilbert Wesley, M.B., B.S.	1955
Cashmore, Gillian Frances, B.A.	1960	Chapman, John Marsden, B.A.	1934
Cashmore, Helen Patricia, B.A.	1948	Chapman, John Pearce, Mus.Bac.	1960
Casling, Reginald Herbert, B.E.	1951	Chapman, Keith Samuel Roy, B.Ag.Sc.	1968
Casson, Leslie Frank, M.A. (B.A., 1925)	1938	Chapman, Margaret Anne, B.A.	1967
Casson, Paul Bevis, B.Sc.	1935	Chapman, Peter Glanville, B.E.	1967
Castle, Edgar Woods, B.A.	1952	Chapman, Peter Noel, B.D.S.	1952
Castle, Robert Norman, M.B., B.S.	1953	Chapman, Phillip John, M.B., B.S.	1963
Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957)	1959	Chapman, Raelene Erica, B.Sc.	1968
Catchside, David Guthrie, D.Sc. (London)	1952	Chapman, Stanley Bertram, B.Sc.	1931
Catchlove, Graham Ross, B.Tech.	1968	Chapman, William Glanville, B.E.	1935
Catchlove, Sydney George Leyland, M.B., B.S.	1907	Chappel, Shirley Joan, B.A.	1959
Catchpole, Bernard Newman, M.D. (Manchester, 1959)	1960	Chappell, Andrew Charles, B.Ag.Sc.	1965
Catchpole, John Roger, M.Sc. (B.Sc., 1952)	1964	Chappell, John Francis, M.E. (B.E., 1952)	1966
Catford, Geoffrey William, B.A.	1959	Chappell, John Graham, B.Sc.	1950
Cathro, Keith James, Ph.D. (B.E., 1954)	1957	Chappell, William Thomas, M.B., B.S.	1953
Caton, Christopher Nigel, B.A.	1966	Chappell, Alfred, B.Sc.	1894
Catt, Malcolm John, B.Sc.	1967	Chapple, Barry Edwin Exon, B.Sc.	1964
Cattermole, Allan Jefferson, B.Ec.	1968	Chapple, Colin Frederic, M.B., B.S.	1936
Cattley, Anthony Edward, B.Tech.	1966	Chapple, Harold, B.Sc.	1900
Catrali, Robert Walter, Ph.D. (B.Sc., 1957)	1965	* Chapple, Phoebe, B.Sc.	1898
Caudle, Julie Christine, B.A.	1967	M.B., B.S.	1904
Causby, Donald James, B.E.	1950	Chard, June Myra, M.B., B.S.	1947
Caut, David Kennings, M.B., B.S.	1946	Charlesworth, George Harvey, B.A.	1953
Caut, Frances Therese, B.A.	1968	Charlesworth, Jennifer Joy, B.A.	1964
Caut, Leslie James, M.B., B.S.	1954	Charlesworth, Thomas William, M.A., (B.A., 1925)	1932
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931	Charlton, Charles Cole, B.A.	1967
Cavenett, Brian Clifford, Ph.D. (B.Sc., 1960)	1965	Charlton, Douglas, B.Sc.	1966
Cawdle, Robert Ferris, B.E.	1951	Charlton, Mary Anne, B.A.	1967
Cawte, Frederick George Nelson, B.A.	1943	Charlton, Peter James, B.Med.Sc.	1965
Cawte, John Ewart, M.D. (M.B., B.S., 1949)	1961	M.B., B.S.	1968
Cawthron, Edward Robert, B.Sc.	1963	Charnock, John Stewart, Ph.D. (B.Sc., 1956)	1962
Cawthorne, Franklyn King, LL.B.	1968	Charter, Brian, B.E.	1958
Cellier, Kevyn Meylan, B.Sc.	1955	Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950)	1953
Cesana, Robert, B.Tech.	1968	Chase, Brian Collison, B.E.	1956
Chadwick, Maxwell Clarence, B.Tech.	1963	B.Ec.	1967
Chaffey, Elizabeth Anne, B.A.	1967	Chatterton, Brian William, B.Mus.	1967
Chai, Hon-Chan, M.A. (B.A., 1959)	1961	Chau, Kai Kin, B.D.S.	1964
Chalklen, Gwendoline Elizabeth, B.A.	1930	Chaufah, Tisavipat, B.Sc.	1968
Chalklen, Roland John, B.A.	1956	Cheah, Dolly, M.Sc. (B.Sc., 1959)	1962
Chalmers, Ainsley Howard, B.Sc.	1962	Cheah, Sim Huat, M.B., B.S.	1957
Chamberlain, Dawn, B.A.	1962	Cheek, Allison Mary, B.A.	1949
Chamberlain, Harold David, M.B., B.S.	1968	Cheek, Bruce Mansfield, M.A. (B.A., 1947)	1949
Chamberlain, Reginald Roderic St. Clair, LL.B.	1922	Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953
Chambers, Gordon Manson, M.B., B.S.	1957	Cheek, Heather Anne, B.A.	1966
Chambers, Stanley Crombie, Ph.D.	1967	Cheek, Nancy Olive, M.B., B.S.	1942
Chambers, Susan, B.Sc.	1966	Cheesman, Andrew Walford, B.A.	1959
Champion, Ralph Alfred Hammerton, B.Ag.Sc.	1968	Cheesman, Graham Frank, M.B., B.S.	1946
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933	Cheesman, Margaret Catharine, B.A.	1968
Chan, Ai Li, Bernadette, B.A.	1965	Cheesman, Robert Denyer, B.Arch.	1965
Chan, Chee Wah, M.E. (B.E., 1959)	1963	Chellew, Thelma Loraine, B.Sc.	1954
Chan, Kok Meng, B.Tech.	1966	Chen, Chee Siok, M.B., B.S.	1967
B.E.	1968	Chenell, John Gordon Peake, B.Sc.	1951
Chan, Kong Lam, M.B., B.S.	1956	B.Tech.	1962
Chan, Man Fai, B.D.S.	1963	Cheney, Kevin, M.D. (M.B., B.S., 1956)	1965
Chan, Sau Kam, Mary Bernadette, M.B., B.S.	1960	Cheng, Chung Kwong, Peter, B.D.S.	1962
Chan, Shun Chi, B.D.S.	1964	Cheng, Mee Chooi, B.Sc.	1964
Chan, Siew Hung, B.E.	1964	Cheng, Soang Ko, Charles, M.B., B.S.	1967
Chan, Tioung Hin, B.E.	1966	Cheong, Choong Kong, B.Sc.	1963
Chan Wah May, Winnie, B.A.	1967	Cherry, Aileen Percival, B.A.	1934
Chan, Wah Tim, Henry, B.E.	1960	M.B., B.S.	1949
Chandler, Arthur James, M.B., B.S.	1927	Cherry, Edward Percival, M.B., B.S.	1938
Chandler, Bruce Stanford, B.Sc.	1962	Cherry, Robert James, B.Tech.	1960
Chandler, Claire Elizabeth, B.A.	1962	Chesney, David Alexander, B.Sc.	1954
Chandler, Donald Kenneth, B.D.S.	1968	B.A.	1957
Chandler, Graham Standford, Ph.D. (B.Sc., 1961)	1966	Chesney, Robert George, B.Sc.	1966
Chandran, Saravanamuthu, M.B., B.S.	1959	Chester, Harry Leonard, M.B., B.S.	1925
Chant, Barry Mostyn, B.A.	1960	Chester, Leonard Raymond, B.Sc.	1951
Chantrill, David Ross, B.Tech.	1963	Chesterman, Harry Martin, B.E.	1950
Chaplin, Denis Howard, B.Tech.	1959	Cheug Hok Hoi, B.D.S.	1961
Chaplin, Rodney Phillip, B.Sc.	1966	Chouyichit, Pradit, Ph.D.	1964
		Chew, Boon-Hwa, B.Arch.	1966
		Chew, Chong Kan, M.B., B.S.	1957
		Chhim, Sun Fong, B.Arch.	1968
		Chia, Ah Bah, B.Sc.	1964
		Chia, Foh-Soon, Peter, M.B., B.S.	1964
		Chibnall, Helen, B.Sc.	1944
		Chicco, Bruno, B.Tech.	1963

\* Deceased



Chick, John Bertram, B.Sc.	1948	Clapp, John Hamilton, M.B., B.S.	1968
Chick, M.B., B.S.	1955	Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960
Chick, Malcolm, Ph.D. (B.Sc., 1958)	1965	Clapson, Howard John, B.D.S.	1967
Chignell, Arthur Kent, B.A.	1900	Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959
Child, Marie Beatrice, B.A.	1926	Ph.D.	1968
Childs, Garry Herbert, B.A.	1967	Claridge, Marilyn Jean, B.A.	1968
Childs, John Tothill, B.D.S.	1952	Claridge, Philip George Brian, B.E.	1954
Childs, Peter Anthony, M.B., B.S.	1953	Clark, Annie Winifred, M.B., B.S.	1922
Chin, Koy Nam, B.Sc.	1965	Clark, Archie Septimus, B.Sc.	1900
Chin, Peter, B.A.	1966	Clark, Avon Maxwell, Ph.D. (Cambridge, 1949)	1964
Chin, Shin Ping, B.Sc.	1965	Clark, Barry Robert, B.Sc.	1966
Chin, Teck Min, M.B., B.S.	1966	Clark, Dennis Adrian, B.A.	1968
Chin, Tung Shen, B.Tech.	1966	Clark, Donald Gregory, B.Sc.	1967
Chin, Yoon Fook, M.B., B.S.	1962	Clark, Eunice Jean, B.Sc.	1952
Chinner, Beryl Esther, Mus.Bac.	1947	Clark, Gregory Ronald Alfred, LL.B.	1968
Chinner, Christine Elizabeth, B.A.	1961	Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948
Chinner, Graham Alan, M.Sc. (B.Sc., 1953)	1955	Clark, Henry William, B.A.	1951
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925)	1938	Clark, Hugh Rodney, M.E. (B.E., 1934)	1938
Chittleborough, Glen, B.Sc.	1956	Clark, James Blyth, LL.B.	1953
Chittleborough, Jeffrey David, B.Sc.	1951	Clark, Janelle Thelma, B.Sc.	1965
Chittleborough, John Lincoln, B.E.	1956	Clark, Jeremy John, LL.B.	1965
Chittleborough, Laurel Evelyn, B.A.	1947	Clark, John Francis, B.D.S.	1922
Chittleborough, Lyall, B.A.	1960	Clark, John Osborne, LL.B.	1941
Chittleborough, Margaret Anne, B.A.	1966	Clark, John Symonds, B.E.	1951
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948)	1952	Clark, Lesley Helen, B.Sc.	1955
Chivers, Robin Rayment, B.Med.Sc.	1966	Clark, Marjorie Hilda, B.A.	1967
Chmeliauskas, Stasys, B.A. (Ph.D., Leipzig, 1944)	1954	Clark, Mary Patricia, B.A.	1951
Ch'ng, Bee Lee, B.D.S.	1967	Clark, Meredith Joan, B.Sc.	1963
Cho, Wing Nam, B.Sc.	1966	Clark, Neil Jameson, B.A.	1965
Cho, Shue Nam, B.Sc.	1961	Clark, Pauline, B.Sc.	1948
Choate, Lawrence Francis, B.Tech.	1967	Clark, Peter Douglas, M.B., B.S.	1967
Choate, Max Paul, B.A.	1950	Clark, Robert John, LL.B.	1933
Chaminsky, Jurgen, B.E.	1968	Clark, Robert Stephen, B.Sc.	1966
Chong, Boon Koh, Michael, B.A.	1961	Clark, Ronald James, B.Tech.	1962
Chong, Chee Tsun, M.B., B.S.	1959	Clark, Sandford Delbridge, LL.B.	1962
Chong, Chow Pang, B.E.	1961	Clark, William Raymond, B.E.	1951
Chong, Keng Fong, Anna, B.Sc.	1964	Clarke, Alfred Robert Price, B. Tech.	1961
Chong, Khey Cheow, B.Sc.	1964	Clarke, Allan Lawrence, Ph.D. (B.Ag.Sc., 1952; M.Ag.Sc., 1964)	1967
Chong, Koon Seng, M.B., B.S.	1964	Clarke, Andrew Michael Fausset, M.B., B.S.	1951
Chong, Peng Wah, B.Sc.	1960	Clarke, Brian Russell, B.Sc.	1945
Chong, Toh Kuan, B.E.	1963	Clarke, Darrell Owen, B.Sc.	1967
Chong, Toh Sum, B.E.	1963	Clarke, Desmond John, M.Sc.	1966
Chong, Yoon Hin, B.Sc.	1958	Clarke, Geoffrey David, B.D.S.	1956
Choo, Chek Juan, B.E.C.	1956	Clarke, Harold Temple, B.D.S.	1968
Choo, Shek Nyen, B.Sc.	1967	Clarke, Harold Vernon, B.D.S.	1934
Choo, Soo Bin, B.D.S.	1957	Clarke, John Dennison, B.A.	1968
Choo, Suat Bee, B.Sc.	1959	Clarke, Miles de Courcy, M.B., B.S.	1942
Choong, Thong Cheong, B.E.	1962	Clarke, Nigel Gordon, B.D.S. (London, 1962)	1968
Chopra, Pran Nath, B.A.	1963	Clarke, Peter Harold, B.E.	1962
Chow, Ching Thim, M.B., B.S.	1963	Clarke, Phil Gregory, B.A.	1948
Chow, Huk Wing, B.D.S.	1961	Clarke, Reginald Harry, B.Sc.	1939
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953)	1958	B.A.	1942
Christie, John Edwin Francis, B.E.	1966	Clarke, Robert John, B.Sc.	1965
Christie, Margaret, B.A.	1945	Clarke, Rodney Max, Ph.D.	1968
Christie, Patrick Joseph, LL.B.	1925	Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956
Christie, William, M.B., B.S.	1925	Clarkson, Alan James, M.B., B.S.	1934
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945)	1956	Clarkson, Anthony Russell, M.B., B.S.	1963
Christophersen, Jack Vivian, B.D.S.	1927	Clarkson, Colin Lloyd, B.Sc.	1950
Chu, Thiam Seng, B.E.	1966	Clarkson, Donald Ian, M.B., B.S.	1963
Chua, Wee Meng, B.Ec.	1967	Clarkson, Ian Lloyd, B.A.	1968
Chuah, Kim Leong, B.Sc.	1959	Clarkson, Phyllis Anne, B.A.	1965
Chuah, Siew Kee, Doris, M.B., B.S.	1965	Clarkson, Roger Philip, M.B., B.S.	1956
Chuah, Yak Siong, B.Sc.	1966	Clarnette, David Leon, M.B., B.S.	1959
Chung Gon, Edward Kuo-Weng James, Joseph, M.B., B.S.	1968	Claxton, Lindsay Grahame, B.E.	1955
Chung, Sooi Kong, M.B., B.S.	1960	Clay, John Howard, B.A.	1964
Church, Jack Raymond, B.Sc.	1949	Clay, Roger Edgecumbe, B.Ag.Sc.	1962
Church, John Henry, M.A. (B.A., 1932)	1934	Clayer, John Reeves, M.B., B.S.	1960
Church, Keith Neville, B.E.	1951	Clayton, Arthur Ross, M.B., B.S.	1902
Church, Mervyn Robert, B.Tech.	1966	Clayton, Dean Ernest, LL.B.	1965
Churchward, Spencer, M.A. (B.A., 1900)	1903	Clayton, Jeffery William, B.Tech.	1965
Churchward, Stella Mary, B.Sc.	1904	Clayton, John Anthony, B.A.	1966
Chye, Toh Cheong, B.Sc.	1963	Clayton, John Graham, B.E.	1959
Cibich, Geoffrey Ronald, B.Sc.	1968	Clayton, John Jesson, B.E.	1957
Cibiras, Stasys, LL.B.	1958	Clayton, Kenneth Ross, B.A.	1963
Gigler, James, B.Ec.	1962	Clayton, Sally Jeanette, B.A.	1954
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918)	1922	Cleave, Geoffrey Alan, B.Sc.	1968
Cinzio, Aldo Giuseppe, B.A.	1967	Clegg, Dorothy Maureen, B.A.	1961
Clague, Dennis John, Ph.D. (B.Sc., 1962)	1967	Clegg, Michael John, Ph.D. (B.E., 1960)	1968
Clancy, Michael Charles, B.Sc.	1966	Cleggett, Edith, B.A.	1921
Clancy, Peter Allan, B.A.	1962	Cleggett, Lloyd, B.A.	1955
Clapp, Cedric Norman, B.D.S.	1938	Cleggett, Owen Barry, B.E.	1967
		Cleghorn, James Hudson, B.Sc.	1966
		Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935

\* Deceased

Cleland, James Lindsay, B.A.	1954	Coghlan, Marie Teresa Clare, B.A.	1928
Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947	Cohen, Alexander Kevin, M.B., B.S.	1950
Cleland, Sir John Burton, M.B. (Sydney 1902)	1902	Cohen, Brian Garland Dunstan, M.B., B.S.	1957
Cleland, Michael Edward Erskine, LL.B.	1951	Cohen, Daniel, M.Ag.Sc.	1966
Cleland, Pamela Mary, B.A.	1949	Cohen, Harry, M.B., B.S.	1955
LL.B.	1956	Cohen, Lena Sybil, B.A.	1934
Cleland, Peter Fullerton, LL.B.	1947	Coin, Susan Mary, B.A.	1963
Cleland, William Paton, M.B., B.S.	1934	Coker, John Godfrey, B.A.	1967
Clements, John Wreford, B.A.	1963	Colby, Eunice Mary, B.Sc.	1949
Clements, Trevor Murray, B.D.S.	1950	Cole, Anthony Haslam, B.Sc.	1953
Clendinnen, Ian Jeffrey, B.Sc.	1952	Cole, Cyril Richard, B.Sc.	1914
M.B., B.S.	1959	Cole, Joan Margaret, B.Sc.	1957
Clezy, John Kenneth Albert, M.B., B.S.	1954	Cole, Jonathan Haslam, B.A.	1954
Clezy, Trevor Munro, M.B., B.S.	1958	Cole, Lindsay Justin Rhodes, B.Tech.	1965
Clifford, Arthur John, M.B., B.S.	1966	Cole, Peter Harold, Ph.D. (Sydney, 1964)	1968
Clifford, Candida Louise, B.A.	1968	Cole, Peter Richard, B.Tech.	1968
Clift, Lawrence Henry Marcus, B.A.	1951	Cole, Reuben Herbert George, B.Sc.	1950
Clisby, Reginald Victor, B.A.	1961	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Clisby, Robert Leonard, B.E.	1954	Cole, Thomas Haslam, LL.B.	1922
B.Ec.	1960	Colebatch, Alistair Pratt, B.Tech.	1967
Clode, Ailsa Marjorie, B.A.	1928	Colebatch, Frances Désirée, B.Mus.	1967
Close, Frank William, B.Sc.	1931	Colebatch, Gordon Thomas, B.E.	1932
Close, Mary Frances, B.A.	1940	Colebatch, Hal John Hester, M.B., B.S.	1951
Close, Maynard Davidson, B.A.	1938	Colebatch, John Houghton, M.B., B.S.	1933
Close, Philip Andrew, B.Ec.	1968	Colebatch, Phillip Maxwell, B.Sc.	1966
Close, Ronald Wilkinson, B.Sc.	1929	B.E.	1968
Close, Rosemary Jocelyn, M.B., B.S.	1947	Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1908
Close, Susan Elizabeth, B.A.	1962	Coleman, Arthur Paul, B.E.	1948
Close, Walter John Westcott, M.S., (M.B., B.S., 1913)	1929	Coleman, Christopher Stephen, B.Sc.	1966
Clothier, Eric Andrews, B.E.	1958	Coleman, Harold Edward, B.Tech.	1964
Clunies-Ross, Bruce Axel, B.A.	1964	Coleman, Isobel Beryl Jean, B.A.	1939
Clunies-Ross, Graham George, B.A.	1966	Coleman, James Terence, LL.B.	1952
Coad, Trevor Malcolm, B.Tech.	1965	Coleman, John Patrick, B.Ec.	1960
Coaldrake, John Edward, M.Sc. (B.Sc., 1949)	1951	Coleman, Margaret Christine, B.A.	1945
Coat, Jillian Irene, B.Ec.	1958	Coles, Gervase John Laurence, LL.B.	1961
Coates, Dorothy Ravelle, M.B., B.S.	1949	Coles, John Lawrence, B.A.	1967
Coates, John Hewlett, Ph.D.	1958	Coles, Margaret Elizabeth, B.Sc.	1945
Coates, John Richard, M.B., B.S.	1944	Coles, Mignonette, B.A.	1912
Coats, Claude Hampson, M.A. (B.A., 1927)	1929	Coles, Philip Douglas, B.A.	1936
Coats, Douglas Alan, M.B., B.S.	1946	Colgan, Leonard Harold, B.Sc.	1967
Coats, Geraldine Dulcie, B.Sc.	1951	Collier, Alan William Gordon, B.E.	1963
Coats, Glen Clarence, B.Tech.	1963	Collings, Leslie Ross, B.A.	1966
Coats, Lloyd Stewart, M.B., B.S.	1957	Collins, Allen Geoffrey, M.B., B.S.	1956
Cobb, Elizabeth Anne, B.A.	1965	Collins, Charles Vincent, B.A.	1931
Cobiac, Anthony Leo, B.E.	1966	Collins, David Anthony, B.E.	1962
Cochrane, Gordon Ross, M.A. (New Zealand, 1955)	1957	Collins, Denis Wilfred, B.Sc.	1966
Cochrane, Heather Bernice, B.A.	1959	Collins, Frank Miles, Ph.D. (M.Sc., 1952; B.Sc., 1950)	1962
Cock, Alexa Beatrice, B.A.	1921	Collins, Frank Sandford, B.E.	1942
Cock, Herbert Edward, B.D.S.	1941	Collins, Ian Russell, B.Ec.	1964
Cock, Jeffrey Ronald, B.Sc.	1968	Collins, John Malcolm, M.B., B.S.	1952
Cock, Kenneth John, B.Sc.	1968	Collins, Kenneth Ernest, M.B., B.S.	1960
Cock, Leon John, B.A.	1965	Collins, Leslie William Nettell, B.E.	1931
Cock, Leonard Ambrose, M.B., B.S.	1932	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918
Cock, Robert James, B.A.	1966	Collins, Peter Robert, B.Sc.	1966
Cockburn, Andrew Syme, M.B., B.S.	1954	Collins, Tania Joan, B.A.	1966
Cockburn, Ian Charles, B.E.	1963	Collison, Burrie Vincent, B.Tech.	1965
Cockburn, Jeanette Minna, B.A.	1961	Collison, Bayfield Ian, LL.B.	1958
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934	Colliver, Anthony David, B.E.	1962
Cockburn, Malcolm, B.Ec.	1958	Colman, Peter Malcolm, B.Sc.	1965
Cockburn, Patricia, B.A.	1944	Colman, Robert Malcolm, B.Sc.	1962
Cockburn, Robert Forbes, B.E.	1933	Colman, William Russell Goodwin, B.E.	1922
Cockburn, Robert Francis, B.E.	1957	Colmer, John Anthony, Ph.D. (London, 1955)	1962
Cockington, Richard Arthur, M.B., B.S.	1967	Colquhoun, Harold George, M.B., B.S.	1960
Cocks, Alan Malcolm Vawdrey, M.B., B.S.	1946	Colquhoun, Jillian Patricia, B.Sc.	1961
Cocks, Alec Douglas, B.D.S.	1924	Colquhoun, Lindsay Talbot, B.D.S.	1956
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933
Cocks, Bruce Gordon, B.D.S.	1952	Colsey, Roger Thomas, B.Sc.	1968
Cocks, Christopher Hewett, LL.B.	1968	Colton, John Blacker, LL.B.	1941
Cocks, Edward Desmond, M.B., B.S.	1942	Colton, Robert Stirling, M.D. (M.B., B.S., 1944)	1960
Cocks, Gillian Anne de Bohun, B.A.	1964	Colvill, Anthony John Ernest, Ph.D. (B.Sc., 1959)	1964
Cocks, Keith Trestrail, B.Ec.	1956	Colvill, Marie, B.Sc.	1962
Cocks, Philip Stanley, M.Ag.Sc. (B.Ag.Sc., 1961)	1967	Colville, Arthur Landseer, LL.B.	1905
Cocks, Sydney Gordon, B.D.S.	1925	Colville, John Stuart, M.Sc. (B.Sc., 1948)	1956
Codd, Michael Henry, B.Ec.	1961	B.A.	1962
Coffey, Dennison Dean, LL.B.	1953	Colyer, Ian Geoffrey, B.Ec.	1961
Coggins, Harold Douglas, B.Sc.	1951	Combe, Harvey David Matthew, B.A.	1964
Coggins, John Malcolm, B.Sc.	1964	Comley, Charles Herbert, M.A. (B.A., 1906)	1910
Coggins, Robert Symes, B.Sc.	1949	B.Sc.	1906
B.A.	1954	Conant, James Bryant, D.Sc. (Sc.D., Columbia)	1951
Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958	Condon, Robert Francis, B.Sc.	1940
		M.B., B.S.	1946

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Conley, Michael Joseph, B.A.	1968
Conley, William Michael, B.Ag.Sc.	1958
Conlon, Keith Andrew, LL.B.	1968
B.A.	1968
Connard, Phillip Deighton, B.Sc.	1967
Connell, John Graham Charles, B.Sc.	1966
Connole, Patricia Ann, B.A.	1961
Connon, Aileen Forsyth, M.D. (Belfast, 1963)	1965
Connor, Brian Anthony, M.B., B.S.	1953
Connor, John Leo, B.A.	1935
Conroy, Keith Douglas, B.E.	1952
Considine, Helen Barbara, B.A.	1965
Contos, Cecil, B.Tech.	1961
Conway, Kenneth Arnold, LL.B.	1968
Conybear, William James, B.A. (Cambridge, 1894)	1895
Cook, Adrian Hartley, B.A.	1952
Cook, David Julian, M.B., B.S.	1968
Cook, Ernest Peter, B.E.	1929
Cook, Gordon James, B.Ec.	1941
Cook, Hugh David, M.B., B.S.	1953
Cook, Ian Bracewell, B.Tech.	1962
Cook, John Ralph, B.A.	1968
Cook, John Reginald Hayden, B.A. (B.A. (Econ.), Manchester, 1949)	1963
Cook, Peter Sydney, B.Ec.	1964
B.A.	1967
Cook, Ronald Bruce, B.E.	1957
Cooke, Allan George, B.E.	1945
B.Sc.	1952
Cooke, Barbara Terment, B.Sc.	1936
Cooke, David John, B.E.	1954
Cooke, Florence Emmeline, Mus.Bac.	1900
Cooke, Frank Edward, B.Sc.	1950
Cooke, James Alexander Elder, B.Ag.Sc.	1960
Cooke, Peter Terment, B.Sc.	1931
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938)	1960
Cooke, Theodore John Lloyd, M.B., B.S.	1956
Cookson, Brian James, B.A.	1968
Cooling, Max Sylvester, M.B., B.S.	1944
Coombe, Alec Holloway, M.A. (B.A., 1924)	1933
Coombe, Anthony Melrose, LL.B.	1965
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948)	1957
Coombe, Carole Julie, B.A.	1966
Coombe, Harold Robert, B.D.S.	1923
Coombe, Keith Anthony, B.Tech.	1968
Coombe, Margaret Mary, B.A.	1965
Coombe, Murray Taylor, B.Sc.	1942
Coombe, Reginald Joseph, LL.B.	1923
Coombe, Robert John, B.D.S.	1950
Coombe, Samuel Walter, B.A.	1919
Coombe, Toderick Edward, B.D.S.	1952
Coonan, Edward Raymond, B.Ec.	1955
Cooney, James Marcus, B.Tech.	1958
Cooper, Adrian Harry Campbell, B.A.	1935
Cooper, Catherine Margaret, LL.B.	1954
Cooper, Christopher John, M.B., B.S.	1959
Cooper, Constance May, M.B., B.S.	1904
Cooper, David Michael, M.B., B.S.	1966
Cooper, Dennis Neil, B.E.	1963
Cooper, Desmond Wishart, Ph.D. (B.Sc., 1961)	1967
Cooper, Donald Counter, M.B., B.S.	1921
Cooper, Elisabeth Ann, M.B., B.S.	1963
Cooper, John Anthony, B.Tech.	1968
Cooper, John Gregory, B.Ec.	1964
Cooper, Kenneth David, LL.B.	1964
Cooper, Kenneth Francis, M.B., B.S.	1929
Cooper, Jillian Freda, LL.B.	1967
Cooper, Leith Thomas, B.Ag.Sc.	1965
Cooper, Mary Jane, B.A.	1966
Cooper, Maxwell, B.Sc.	1950
Cooper, Peter George, B.Tech.	1960
Cooper, Richard Edgar, B.Sc.	1960
Cooper, Robert Kingham, B.Sc.	1965
Cooper, Thomas Edwards, B.E.	1922
Cooper, Thomas James, B.Sc.	1968
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered)	1913
Coote, George Gilbert, B.Sc.	1931
B.A.	1939
Cooter, Robert Benjamin, M.B., B.S.	1952
Cootes, Thomas Robertson, B.Ag.Sc.	1967
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia)	1953
Copeland, Ronald Theodore, B.Tech.	1967
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Coppin, Robert John, B.Sc.	1965
Coppock, Barrie William, B.Tech.	1960
Corbet, Anthony John Sherwood, M.B., B.S.	1963
Corbett, David Charles, Ph.D. (McGill, 1954)	1966
Corbett, John Francis, B.Sc.	1961
Corbett, John Vincent, Ph.D. (B.Sc., 1960)	1966
Corbin, Clive Wilson, B.E.	1932
Corbin, Horace Hugh, B.Sc. (London, 1904)	1913
Corbin, John Ogilvie, M.B., B.S.	1933
Corbin, Katherine Anne, LL.B.	1941
Cornier, Kathleen, B.A.	1943
Cornelius, Muriel Merle, B.A.	1951
Cornell, Christine Helen, B.A.	1965
Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938
Cornell, Philippa Sinclair, B.A.	1956
Corney, Eric Ronald, M.A. (B.A., 1936)	1937
Corney, Robert William, B.A.	1966
Cornish, Alan Alfred Ernest, B.E.	1939
Cornish, Anne Claire, B.A.	1949
Cornish, Brian Edmund, B.Sc.	1961
Cornish, Brian Leslie, M.B., B.S.	1947
Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940)	1951
Cornish, Jack Rodolph, LL.B.	1928
Cornish, John Edwin, B.Sc.	1943
Cornish, William Rodolph, LL.B.	1960
Corpe, John Wood, B.E.	1935
Correll, Graeme Edward Morris, B.E. M.B., B.S.	1961
Correll, Raymond Leaty, M.Sc. (B.Sc., 1963)	1968
Correll, Roger Anthony, B.Tech.	1967
Correll, Shirley Edith, B.A.	1953
Corry, Samuel Lloyd, M.B., B.S.	1910
Cosgrove, Bernard Augustin, B.A.	1942
Cosgrove, Christopher Maxwell Harcourt, B.Sc.	1968
Cosh, Elma, B.A.	1944
Cosh, James Malthouse, B.A.	1943
Cosh, Joyce Rosalind, B.A.	1949
Cosh, Robert Clarence, B.Ec.	1962
Cossey, William Raymond, B.Sc.	1968
Costello, Gwenda Mary, B.A.	1968
Cottell, Dorothy Jean, B.A.	1940
Cottew, Geoffrey Selkirk, M.Sc. (B.Sc., 1949)	1942
Cotton, Alan Tilney, M.B., B.S.	1964
Cotton, James Murray, M.B., B.S.	1926
Cotton, James Sutherland, B.Sc.	1959
Cotton, John Carrington, B.Sc.	1951
Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Cotton, Robert Tilney, M.B., B.S.	1961
Cottrell, Eric, B.E.	1935
Couche, Raymond Arthur, B.Sc.	1949
Coulls, Brian Helston, B.Sc.	1950
Coulter, Frank, B.A.	1966
Coulter, John Richard, M.B., B.S.	1956
Coulter, Wilfred Neil, B.E.	1954
Coulthard, Robert John, M.B., B.S.	1953
Counsell, Andrew Horton, M.B., B.S.	1963
Counsell, Ruth Kingsley, B.A.	1951
Court, Fay Esme, B.A.	1966
Court, Jennifer Joan, M.B., B.S.	1966
Court, John Hugh, B.A. (Reading, 1956)	1966
Court, Michael, B.Ec.	1966
Courtney, Peter Graham, B.Sc.	1966
Cousins, Georgina Millicent, B.A.	1966
Cova, Robert, B.Arch.	1963
Coventry, Cameron Hilder, B.Sc.	1900
Covernnton, John Selby, M.D. (M.B., B.S., 1931)	1947
Cowan, George Dalrymple, LL.B.	1911
Cowan, Ian William, B.Tech.	1963
Cowan, Leslie Thompson, B.Sc.	1907
Cowan, Robert Francis, B.A.	1912
Cowan, Robert Graham, M.B., B.S.	1966
Cowan, Robert Mowlem, B.Sc.	1960
Cowan, Ronald William Trafford, B.A.	1936
Cowan, William Albert, M.A. (N.Z., 1930)	1934
Coward, Ivan Fernley, B.Ec.	1940
B.A.	1951
Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932

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Cowell, Dorothy Margaret, B.A.	1941	Creasy, Peter Ninnes, B.Sc.	1964
Cowell, James Howard, B.Ag.Sc.	1958	Creed, Philip John, M.B., B.S.	1950
Cowell, James Richard, B.A.	1939	Creeth, James Michael, Ph.D. (London, 1948)	1955
Cowell, Jane Margaret, B.Sc.	1966	Cresswell, Edwin Fletcher, B.E.	1927
Cowham, Robert Harry, M.B., B.S.	1968	Cresswell, George Edwin, LL.B.	1939
Cowles, Philip James, LL.B.	1968	Cresswell, Harry Richard, B.Ec.	1956
Cowley, George Russell, B.E.	1949	Cresswell, Reginald Gilbert Dorrien, LL.B.	1937
Cowley, Helen Russell, B.A.	1967	Crews, Brian Dudley, B.E.	1964
Cowley, John Maxwell, D.Sc. (B.Sc., 1942; M.Sc., 1945)	1957	Crick, Judith Christine, B.Sc.	1966
Cowley, Robert Gordon, B.Sc.	1968	Crisp, Brian Correll, M.D.S. (B.D.S., 1945)	1952
Cowling, Brian Deucalion, M.B., B.S.	1948	Crisp, Charles Stephens, B.Sc.	1948
Cowling, Gordon Aubrey, B.E.	1928	Crisp, Colin Francis Correll, B.E.	1954
Cowling, Janice Elizabeth, B.A.	1964	Crisp, John Douglas Correll, M.E. (B.E., 1950)	1956
Cowling, Lionel Deucalion, M.B., B.S.	1923	Crisp, Leslie Finlay, M.A. (B.A., 1938)	1948
Cowper, Ronald George, B.Tech.	1958	Crisp, Margaret Emily, M.Sc. (B.Sc., 1945)	1950
Cowperthwaite, Elsie Eleanor, M.A. (B.A., 1903)	1906	Crocker, Dudley Furneaux, B.E.	1939
Cox, Alwyn Birchmore, M.Sc. (B.Sc., 1927)	1932	Crocker, John Allan, B.Tech.	1966
Cox, Anthony Reid, B.E.	1967	*Crocker, Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940)	1948
Cox, Bernard John, B.E.	1956	Crocker, Walter Russell, B.A.	1925
Cox, Brian Rothwell, LL.B.	1953	Croft, Edwin George, LL.B.	1952
Cox, Carlton Ingham, B.Sc.	1929	Croft, James Richard, LL.B.	1964
Cox, David Vassall, Mus.Bac.	1936	Croker, Annie Isobel, B.A.	1934
Cox, David William, B.Sc.	1934	Cromer, D'Arcy Ananda Neil, M.Sc. (B.Sc., 1932)	1935
Cox, David William, M.B., B.S.	1961	Crompton, Beverly Anne, B.Sc.	1960
Cox, John Baxter, M.E. (B.E., 1960)	1966	Crompton, David Owen, M.B., B.S.	1939
Cox, John Samuel Tweedale, M.S. (M.B., B.S., 1955)	1964	Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959
Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943)	1959	Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954
Cox, Margaret Anne, B.Mus.	1968	Crook, Marjorie Marion, B.A.	1940
Cox, Margaret Helen, B.A.	1962	Crook, Peter Leonard, B.Sc.	1961
Cox, Norman Charles, B.E.	1951	Crook, Richard Dallas, B.Sc.	1940
Cox, Richard Gordon, B.E.	1968	Crook, Walter Ralph, B.E.	1953
Cox, Ronald Frank, B.E. (Interim H.Sc. (Eng.), 1947, surrendered)	1948	Cropley, Arthur John, B.A.	1957
Cox, Ronald Ian, Ph.D. (Edinburgh, 1952)	1963	Cropley, Frederick Waterton, B.E.	1932
Cox, Rudolph William Arthur, B.E.	1921	Cropley, Keith Haywood, B.Tech.	1962
Cox, William Frederick, B.Sc.	1955	Crosby, Melville Alexander Keith, M.E., (B.E., 1937)	1944
Coxell, Kenneth Roy, B.E.	1962	Crosby, Neil Daniel, M.D. (M.B., B.S. 1935)	1951
Coxon, Christopher Gavin Murray, B.E.	1964	Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
Coxon, Patricia Magdalen, B.A.	1964	Croser, John Lindsay, M.B., B.S.	1967
Crabb, Peter, M.A.	1968	Cross, Helen Margaret, B.A.	1960
Crabbe, Gavin Murray, M.R., B.S.	1927	Cross, Jack, B.A.	1957
Crafter, Kenneth Charles, M.B., B.S.	1944	Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956
Craig, Bronwen Phyllis, B.A.	1967	Crossing, Peter Franklin, B.Sc.	1968
Craig, Graham Douglas, M.B., B.S.	1963	Crossman, David Graham, B.A.	1968
Craig, Ian Hamilton, M.B., B.S.	1968	Crouch, Claire Elaine, B.A.	1965
Craig, Jennifer Stewart, B.A.	1964	Crouch, Errol Raymond, B.Sc.	1967
Craig, Robert James, M.B., B.S.	1959	Crouch, Shirley Joan, B.Sc.	1958
Craig, William Alexander, B.E.	1950	Croucher, Colin, M.B., B.S.	1950
Craker, David Lindsay, B.Sc.	1951	Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Craker, John Melville, B.Sc.	1954	Crowcroft, William Peter, Ph.D. (D.Phil. Oxford, 1954)	1963
Craker, John Melville, B.Sc.	1956	Crowe, Brian Rooney, LL.B.	1952
Crammond, Peter Clifford, B.E.	1961	Crowe, Dean Salter, B.E.	1957
Cramond, David Norton, B.Sc.	1965	Crowe, Elizabeth Mary, B.A.	1951
Cramond, James Malcolm Alyn, LL.B.	1967	Crowe, Noel Raymond, LL.B.	1957
*Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Crowley, Desmond William, Ph.D. (London, 1952)	1960
Cramond, Margaret Mary Alyn, B.A.	1952	Crowley, Francis Keble, Ph.D. (Melbourne, 1951)	1965
Cramond, Roger David, B.Ec.	1966	*Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957
Cramond, William Alexander, M.D. (Aberdeen, 1954)	1964	Crowley, Patrick Thomas, B.Tech.	1965
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923)	1926	Crowther, Frederick John, B.A.	1968
Cran, James Alexander, B.D.S., (B.D.Sc. (Q's'l'd.), 1936)	1949	Croydon, Robyn Lesley, LL.B.	1967
D.D.Sc. (M.D.S., 1952)	1961	Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932
Crannage, David Ross, B.E.	1964	Cruikshank, Donella Heather, M.Sc.	1943
Crane, Alexander Herbert (B.Sc.)	1926	*Crump, Cecil Charles, LL.B. (B.A.)	1923
Crane, Greta Ruby, B.Ec.	1937	Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1935
Crane, Neil Raymond, B.Sc.	1954	Cullen, Bronwyn Gay, B.Arch.	1967
Cranley, Patrick, M.B., B.S.	1952	Cullen, Ian Frederick, B.Sc.	1966
Crannaford, Barry John, B.A.	1966	Cullen, John Grant, B.Tech.	1966
Craton, Patricia Clarice, B.A.	1948	Culley, Murdoch, B.E.	1962
Craven, David Edward, M.B., B.S.	1943	Cullity, Thomas Brendan, M.B., B.S.	1947
Craven, Dilys Mary, M.B., B.S. (M.B., B.Ch., Wales, 1943)	1963	Culshaw, Eveleen Anne, B.Sc.	1963
M.D.	1966	*Culshaw, George Vincent, LL.B.	1927
Crawford, Arthur Raymond, M.Sc.	1961	Culshaw, George Vincent, B.E.	1959
Crawford, Graham John, B.Sc.	1959	Culshaw, Thomas Anthony, B.Sc.	1961
Crawford, John Sidney, B.Sc.	1960	B.E.	1967
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897	Culver, Dorothy Evelyn, B.Sc.	1945
Crawley, David Beavington, B.E. (M.A., Cambridge, 1954)	1964		
Creaser, Jillian Ann, B.Sc.	1967		
Creaser, Roger Philip, B.Sc.	1964		

\* Deceased



Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
B.Sc.	1949
Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955
Cummings, Dennis Arthur, B.E. (M.A., Oxford, 1958)	1968
Cumpston, Graham Neil, M.B., B.S.	1958
Cunningham, Andrew Allan, Ph.D.	1968
Cunningham, Kathrine Mary, B.A.	1968
Cunningham, Mark Laurence, M.B., B.S.	1953
Cunningham, Peter George, B.A.	1968
Cunningham, Robyn, B.A.	1965
Curnow, Christopher Neil, B.Sc.	1967
Curnow (nee Gilham), Doreen, B.A. LL.B.	1950
1958	
Curnow, Ellen Isabel, B.A.	1959
Curnow, Richard Stewart, M.B., B.S.	1962
Currie, Gerald Nicholas, B.Tech.	1964
Curry, Allan Ralph, B.E.	1949
Curry, Keith Edwin, B.A.	1964
Curtin, John Francis, B.Tech.	1960
Curtin, Terence Bernard, B.A.	1968
Curtis, Carol June, B.A.	1967
Curtis, Lawrence Gordon, B.Ec.	1959
Curtis, Richard Harvey, B.App.Sc.	1968
Curwen-Walker, Ian Malcolm, B.Ec.	1965
Cusack, John Charles, B.Sc.	1954
Cussen, Nan Woodforde, B.A.	1935
Custance, Harold Maxwell, B.Sc.	1941
Custance, John Kentish, B.E.	1947
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953
Cutten, Dean Robert, B.Sc.	1963
Cutten, Ian Neil, B.Ag.Sc.	1966
Cutten, Judith Ann, B.A.	1959
Czapka, Anna Maria, B.A.	1968
Czechowicz, Andrew Stanislaus, M.B., B.S.	1965
Czigler, Ernest Ivan, B.Tech.	1963
Czuchwicki, Czeslaw Peter, B.Ec.	1966

## D

Dack, Thomas, B.A.	1936
Daddow, Henry Howard, B.A.	1940
Daddow, Margaret Katharine, B.A.	1965
Dadds, James Jeffrey, B.Ec.	1967
Daenke, Lachlan Lewis, B.D.S.	1950
Dahlberg, Dane Louis, B.Ec.	1964
Daily, Brian, Ph.D. (B.Sc., 1952)	1957
Dainis, Andrew, Ph.D. (B.Sc., 1962)	1968
Dainis, Ivars, B.Sc.	1963
Dainius, Vytautas Peter, M.B., B.S.	1959
Dalby, Donald Richard, B.Tech.	1964
Dalby, Robert, B.Arch.	1961
Dale, Barry Matthew, M.B., B.S.	1966
Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959)	1962
Dall, Dennis John, B.Ec.	1965
Dallwitz, Walter Berthold, B.A. M.Sc.	1940
1943	
Dally, Frederick George, M.B., B.S.	1956
Dally, John Alton, B.A.	1956
Dalton-Morgan, Patrick Frank Leslie Lewis, B.Ec.	1966
Daltry, Kate, M.A. (B.A., 1922)	1924
Daly, David James, M.B., B.S.	1952
Daly, James Dennis, B.Tech.	1961
Daly, John Alfred, B.A.	1967
Daly, Lawrence John, B.E. B.Ec.	1951
1965	
Daly, Lewis John, B.A.	1953
Daly, Lyndsay James, M.B., B.S.	1954
Dalzell, Josephine Nicholson, B.A.	1965
Dalziel, Francis Robert, Ph.D. (Aberdeen, 1960)	1963
Dalziel, Lawrence Henry, B.A.	1949
Dang, Quy Dac, B.E.	1967
Daniell, Aileen Edna, B.A.	1950
Daniels, Brian Keith, B.Sc.	1967
Daniels, Brian William, M.B., B.S.	1957
Daniels, Verna Kay, B.A.	1963
Daniels, Wendy Anne, B.A.	1966
Danielsen, Fredrick Graham, B.Sc.	1963
Danvers, Ronald Anthony, B.Arch.	1962
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945)	1949

Darling, Marlene Elsie, B.A.	1963
Darr, David James, B.Sc.	1955
Darragh, Peter John, B.Sc.	1950
Darskus, Rolf Ludwig, Ph.D. (B.Sc., 1958)	1964
Dart, Ralph John, B.E.	1915
Darwent, John Donovan, B.D.S.	1967
Darwin, Errol Raffael Henry, B.Sc.	1907
Darwin, Lisle Julius, M.A. (B.A., 1905)	1910
Darzins, Andris Peteris, M.B., B.S.	1961
Daulby, Roger Herbert, B.Tech.	1966
Davenport, John, M.B., B.S.	1952
Davey, Constance Muriel, M.A.	1918
Davey, Esther Marion, B.Sc.	1915
Davey, Graham John, B.E.	1961
Davey, Kenneth Llewellyn James, B.A.	1968
Davey, Laurence Llewellyn, M.B., B.S.	1913
Davey, Lloyd Ernest, B.E.	1960
Davey, Martin Geoffrey, M.B., B.S. (Sydney, 1960)	1963
M.D.	1965
Davey, Nell Barbara, B.Sc.	1963
Davey, Roy Herbert, B.Sc.	1920
Davey, Victor Stanley, B.E.	1955
David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures, 1955)	1962
David, Daniel Arthur, M.A.	1930
David, David John, M.B., B.S.	1966
David, John Fairhall, B.A. B.Ec.	1952
1955	
David, Michael, LL.B.	1968
Davidge, Peter James, B.Ec.	1967
Davidson, Geoffrey Paul, M.B., B.S.	1968
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953)	1956
Davidson, Jennifer Dulcie, B.A.	1962
Davidson, Robert Thomas, M.B., B.S.	1951
Davidson, Roy Laidlaw, B.A.	1907
Davie, Robert Samuel, B.E.	1955
Davies, David Alwin, B.A.	1967
Davies, David Llywelyn, M.B., B.S.	1943
Davies, David William, B.A.	1968
Davies, Donald John, B.E.	1955
Davies, Donald Laurence, B.E.	1951
Davies, Elizabeth Lans, B.Ec.	1967
Davies, Ernest Salter, M.A. (Oxford)	1937
Davies, Glyn Anthony, M.B., B.S.	1963
Davies, Graham, B.E.	1968
Davies, Ian Malcolm, B.Sc.	1964
Davies, Jonathon, M.B., B.S.	1963
Davies, Lesley Diana Llewellyn, B.A.	1966
Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953
Davies, Norma Esther, M.B., B.S.	1953
Davies, Peter, B.Tech.	1964
Davies, Peter John, B.A. (Sydney, 1947)	1966
1951	
Davies, Peter Owen Alfred Lawe, B.E.	
Davies, Rodney Deane, M.Sc. (B.Sc., 1950)	1953
Davies, Scott Raymond, B.D.S.	1968
Davies, Sheila Caroline, B.A.	1948
Davies, Trevor Frank, B.Ec.	1965
Davies, William Laurence, B.A.	1914
Davis, Barry Robert, B.E.	1967
Davis, Brian, B.Ec.	1955
Davis, Bruce Raymond, B.E. B.Sc.	1960
1963	
Davis, Christine Joyce, B.A.	1937
Davis, Clive, B.Sc.	1951
Davis, David, B.A.	1966
Davis, Douglas Marshall, B.A.	1962
Davis, Edward Bruce, B.Sc.	1949
Davis, Frederick Harry, B.A.	1953
Davis, Geoffrey Maxwell, B.Ec.	1968
Davis, Harold Julian, M.B., B.S.	1927
Davis, Harry Michael, B.A.	1964
Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
Davis, Hubert Garth, M.B., B.S.	1937
Davis, Jennifer Elizabeth, B.Sc.	1964
Davis, John Alexander, B.E.	1929
Davis, John Cameron, B.A.	1968
Davis, Kingsley, B.E.	1950
Davis, Legh Hewitson, B.Ec. LL.B.	1962
1966	
Davis, Margaret Bernice, B.A.	1968
Davis, Margaret Lilv, B.A.	1955
Davis, Marilyn McGregor, B.A.	1968
Davis, Peter Stanislaus, M.Sc. (New South Wales, 1962)	1965
Ph.D.	1968

\* Deceased

Davis, Ray, B.Sc.	1915	Deller, Donald John, M.B., B.S. (Sydney, 1954)	1962
Davis, Robert Bruce, B.A.	1948	M.D.	1964
Davis, Robert George, B.Sc.	1951	Dellow, Peter Glynn, B.D.S.	1949
Davis, Robert Keith, B.Ec.	1960	M.B., B.S.	1957
Davis, Robert William, B.Ec.	1963	*Delmont, William George, B.D.S.	1932
Davis, Ronald Lindsay, B.Sc.	1963	Delprat, Lica, M.B., B.S.	1910
Davivongs, Virapunt, M.Sc.	1963	Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909
Davoren, John Joseph, LL.B.	1922	Dempster, Beryl Joan, B.A.	1963
Davoren, Kathleen Margaret, B.Sc.	1966	Denby, Ernest Frank, B.Sc.	1951
Davy, Arthur Francis, B.D.S.	1951	Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952)	1960
Davy, Margaret Lorraine Jeanne, M.B., B.S.	1968	Dening, Patricia Joan, B.A.	1958
Daw, Arthur Baden Secombe, B.Ec.	1957	Denis, William Norman, B.Sc.	1951
Daw, Francis Alan, B.Sc.	1945	Dennis, Alan Henry, B.A.	1936
Daw, Rosemary Barbara, B.A.	1968	Dennis, Barbara Joan, Ph.D. (B.Sc. 1955, M.Sc., 1961)	1966
Daw, Rowena Compson, LL.B.	1967	Dennis, Barbara Mary, B.A.	1965
Daw, William Ernest, B.Tech.	1965	Dennis, Edwin, M.Sc. (B.Sc., 1950)	1967
Dawham, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928)	1959	Dennis, Kelton Barford, B.Tech.	1968
Dawe, Michele Mary, M.Ag.Sc.	1967	Dennis, Peter John, B.A.	1966
Dawe, Peter Harold, B.A.	1967	Dennis, William John Allenby, B.Sc.	1956
Dawes, David Edward, B.E.	1965	Dennison, Paul Anthony, Ph.D. (Cambridge, 1967)	1968
Dawes, Walter Ernest, B.A.	1954	Densley, Mary Muriel, B.A.	1963
Dawkins, Albert Norman, B.E.	1922	Dent, Marjorie, B.A.	1956
Dawkins, Alec Letts, M.B., B.S.	1927	Dent, Nancy, B.A.	1960
Dawkins, Alfred Ernest, B.Sc.	1912	Dent, Warren Thomas, M.Ec.	1967
Dawkins, Donald Campbell, M.B., B.S.	1939	Denton, David Ross, B.A.	1960
Dawkins, Margaret Ina, B.A.	1938	Denton, James Graham, M.B., B.S.	1954
*Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920	Denton, Noel Fletcher, M.B., B.S.	1945
Dawson, Alfred Lisle, B.Sc.	1928	Denton, Robin Eric, B.Sc.	1967
Dawson, Allan Alexander, B.A.	1966	De Nys, Gerrit Jan, B.Tech.	1968
Dawson, Anthony James, M.E. (B.E., 1959)	1962	Depasquale, Paul, B.A.	1960
Dawson, David Lancelot, B.A.	1934	Dermott, Patricia Louise, M.B., B.S.	1963
Dawson, Geoffrey Dean, B.E.	1937	de Rohan, Maurice John, B.Tech.	1960
Dawson, John Scott Selway, B.Ec.	1967	Derrington, Arnold Ward, M.D. (M.B., B.S., 1947)	1967
Dawson, Joseph Bernard, M.D. (London, 1911)	1920	Deshpande, Tryambak Laxmanrao, Ph.D.	1965
Dawson, Michael Dean, M.B., B.S.	1942	Detmold, Michael James, LL.B.	1964
Dawson, Sandra Helen, B.Sc.	1968	Detmold, Nancy Jean, LL.B.	1968
Dawson, Sheila Lillian, B.A.	1967	Dettman, Robert John, B.Arch.	1968
Dawson, William Inglis, M.B., B.S.	1957	Deutrom, Peter Ellis Brian, B.Sc.	1965
Day, Alison Chapman, B.Sc.	1947	Deutscher, Maxwell John, B.A.	1959
Day, Allan John, M.Sc. (B.Sc., 1947) M.D. (M.B., B.S., 1954)	1950	Devaney, Helen, LL.B.	1942
Day, Basil Hedley Stanton, B.Tech.	1961	de Vedas, Jack, M.B., B.S.	1938
Day, Christine Janet, B.A.	1964	Devitt, Brian John, B.E.	1965
Day, Graham John, B.D.S.	1951	de Vries, Gertrude Dorothy, B.A.	1964
Day, Jennifer Ann, B.A.	1962	Devenport, John, B.Tech.	1961
Day, John Bice, B.D.S.	1944	Dew, Ian Albert, M.Sc. (B.Sc., 1953)	1962
Day, Kathleen Emily, B.Sc.	1931	Dewar, Colin Chudleigh, M.B., B.S.	1949
Day, Laverne Frank, B.Ec.	1963	Dewar, Donald Gordon, B.E.	1952
Day, Lynton John, B.A.	1968	Dewar, John, B.Sc. (Eng.)	1945
Day, Peter Julian, B.E.	1959	Dewhurst, Douglas Ian, B.Ec.	1967
Day, Robert Sydney, M.B., B.S.	1934	Diamantis, Alexander Adamantion, Ph.D. (London, 1958)	1960
Deacon, Glen Berenger, Ph.D. (B.Sc., 1957)	1962	Diamond, Arthur Ian, B.A.	1952
Deam, Robert Joseph, B.Sc.	1942	Dibden, Christopher Frederick Andrew, M.B., B.S.	1967
Dean, Anthony John, B.Ec.	1967	Dibden, Dianna Ruth Andrew, B.A.	1968
Dean, Daniel Frederick, B.A.	1968	Dibden, Frederick Andrew, M.B., B.S.	1941
Dean, Harry Michael, B.Med. Sc. M.B., B.S.	1960	Dibden, Jacqueline Andrew, B.A.	1966
Dean, Margaret Emily, M.B., B.S.	1963	Dibden, William Andrew, M.B., B.S.	1939
Dean, Peter David, B.E.	1966	Dick, Allan James, B.Tech.	1967
Deane, Derrick Peter, B.A.	1967	Dick, Gordon Stuart Blyth, B.Sc.	1923
Deane, Richard Ashley, B.Tech.	1965	Dick, Graham Gordon Russell, B.Tech.	1968
Deans, Absalom, B.A.	1912	Dick, John Davidson, B.Tech.	1966
Dearlove, Carolyn Harriet, M.B., B.S.	1962	Dickens, John Arthur, M.B., B.S.	1967
Dearlove, Thomas Pearce, M.B., B.S.	1942	Dickinson, Peter, B.Tech.	1962
Dearman, Cyril Henry, B.E.	1950	Dickson, Brian Henry, B.Tech.	1963
de Beer, Jacobus Frederick, Ph.D.	1966	Dickson, Lachlan Douglas Barr, M.B., B.S.	1968
Debelle, Bruce Malcolm, LL.B.	1961	Dickson, Margaret Jill Barr, M.B., B.S.	1960
*De Boehme, Cecil Brooks, LL.B.	1931	Dickson, Ronald Stanley, Ph.D. (B.Sc., 1958)	1963
De Bondt, Astrid Marianne, B.A.	1968	Dickson, Thomas John, Ph.D.	1968
de Boos, Brian William, B.Sc.	1967	Dickson, Warren, B.A.	1949
De Ceon, Neil, B.E.	1951	Diener, Christopher, B.E.	1967
de Cure, John Gerard, B.Tech.	1965	Dienes, Nigel Anthony, B.Med.Sc. M.B., B.S.	1965
Deer, John Gregory, B.Sc.	1948	Dietman, Clarence Charles, M.B., B.S.	1968
Deer, William Henry, B.E.	1950	Di Fazio, Fazio, LL.B.	1967
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959	Digance, James Roy, B.A.	1945
Del Fabbro, Anthony John, B.Sc.	1961	Diggle, John Nelson, M.B., B.S.	1946
Deland (nee Robjohns), Annie Joan, B.A.	1923	Dilena, Michael James, B.A.	1959
Deland, Charles Mervyn, M.B., B.S.	1924	Dillon, John Louis, Ph.D. (Iowa, 1959)	1961
Deland, Curtis George, M.B., B.S.	1955	Dillon, Narnlie Anne, B.A.	1961
Deland, Peter Leonard, B.Sc.	1955	Dilworth, Nerida Margaret, M.B., B.S.	1950
Deland, Raymond John, B.Sc.	1947	Dineen, Desmond Patrick, M.B., B.S.	1952
Della, Ernest William, Ph.D. (Western Australia, 1963)	1966	Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957
Della-Putta, Bice, B.A.	1968		

\* Deceased



Dingle, Ian Ridgway, B.D.S.	1957	Doolette, John Barton, B.Ag.Sc.	1951
Dingle, Kelton John, B.Ec.	1965	Doran, Jerrold George, B.A.	1966
Dingle, Margaret, B.A.	1967	Dore, Frederick Arthur, B.Sc.	1951
Dingle, Margaret Jennifer, B.A.	1958	Dorman, Christopher Milton Leonard, B.E.	1964
Dingle, Roderick Edward, B.Sc.	1963	Dorman, David Charles, B.Sc.	1950
Dinh, Dzung Quoc, B.Tech.	1967	Dorman, Helen Ethel, B.A.	1964
Dinham, Charles Anthony, B.E.	1952	Dorney, Earl David, M.B., B.S.	1967
Dinning, Alfred Ernest, B.A.	1915	Doros, Eugene Robert, B.Sc.	1967
Dinning, Rodney Alfred Brady, B.A.	1950	Dorrington, Mary Eileen, B.A.	1968
Dinning, Trevor Alfred Ridley, M.B., B.S.	1942	Dorsch, Ernst Georg, B.A.	1915
Disney, Alexander Patrick Suffern, M.B., B.S.	1966	Dorsch, Magdalene Hedwig, B.A.	1926
Disney, Helen Marcia Brabazon, B.A.	1968	Dorsch, Theodor Siegfried, B.A.	1933
*Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	1954	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
Disney, Shaun Anthony Requa, B.A.	1964	Doube, Bernard Michael, B.Sc.	1967
B.Sc.	1965	Doudy, Cecil Roy, LL.B.	1906
Dix, Alfred James, B.E.	1930	Douglas, Charles William Sholto, B.A.	1967
Dixon, Genevieve, B.Sc.	1960	Douglas, Donald Robin, B.Sc.	1949
Dixon, Hugh Woodyatt, B.Sc.	1967	*Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1898
Dixon, James Elmslie, B.A.	1966	Douglas, Frank Nugent, M.B., B.S.	1956
Dixon, John, B.Ec.	1957	Douglas, Hugh Matheson, M.B., B.S.	1947
Dixon, Leslie Bruce, B.Tech.	1962	Douglas, John Robert, B.A.	1967
Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931	Douglas, Kingsley Raymond, B.Tech.	1965
Dixon, Peter, M.A. (London, 1956)	1958	Douglas, Robert Langton, M.A. (Oxford, 1891)	1900
Djakusumah, Taty Rahmatiah, Ph.D. (B.Ag.Sc., 1960)	1965	Douglas, Robert Matheson, M.B., B.S.	1960
Djaka, Soeatrma, M.E. (B.E., 1960)	1965	Douglas (nee Duguid), Rosemary Lillian, B.A.	1958
Dobberstein, Fred Helmut, B.A.	1963	Douglas, Sholto John, M.B., B.S.	1930
Doble, Peter Gordon, B.Sc.	1967	Douglass, Bronte Norman, M.B., B.S.	1968
Doble, William Devon, B.E. (Sydney, 1943)	1957	Douglass, Julie Mary, M.B., B.S.	1965
Dobney, Philip Thomas, B.Sc.	1961	Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950)	1959
Dobrez, Livio, B.A.	1965	Dow, Ian Baird, LL.B.	1953
Dobrez, Patricia Anne, B.A.	1967	Dow, Lorna Ruth, M.B., B.S.	1954
Dobson, Annette Jane, B.Sc.	1967	Dow, William Harold John, B.Sc.	1949
Dobson, Lesbia Constance Alma, B.A.	1947	Dowhnia, Jaroslaw, B.E.	1958
Dobson, Peter John, M.B., B.S.	1968	Dowding, Alan Lorimer, B.Sc.	1950
Doceff, Robin Jeanine, B.A.	1962	Dowdy, Norman James, B.A.	1948
Dodd, Burwell, B.A. (Yale, 1954)	1965	Dowie, David Lincoln, M.E. (B.E., 1933)	1935
Dodd, Ian Hainsworth, B.E.	1960	Dowie, Donald Alexander, M.B., B.S.	1954
Dodd, Leslie, B.A.	1947	Dowley, David James, B.A.	1968
Dodd, Lindsay Richard, Ph.D. (B.Sc., 1960)	1965	Dowling, Dean Robert, B.Sc.	1962
Dodd, Peter Robert, B.Sc.	1966	Dowling, Donald Augustus, M.B., B.S.	1923
Dodd, Robert Hedley, B.A.	1931	Downer, John William, B.E.	1959
Dodd, William Alfred, M.Sc. (B.Sc., 1962)	1967	*Downey, Donnell Raymond, LL.B.	1930
Doddridge, Albert Keith, M.B., B.S.	1953	Downey, Michael Seymour, M.B., B.S.	1960
Dodman, Robert Louis, Ph.D. (B.Ag.Sc., 1959)	1966	Downing, Andrew Richard, B.Sc.	1967
Dodsworth, Kimball Robert Innis, B.Ec.	1962	Downing, Bruce Jacob, M.B., B.S.	1953
Dodwell, David, B.A.	1955	Downing, Jennifer Alandine, LL.B.	1959
Dodwell, George Frederick, B.A.	1905	Downing, Robert Gregory, M.B., B.S.	1952
Doel, Derek Alfred, B.Ec.	1960	Downs, Benjamin, M.E. (Liverpool, 1947)	1949
Dohadwala, Kutbuddin s/o Fidahusen, B.Sc. M.B., B.S.	1960	Downs, George William, B.A.	1947
Doherty, Lindsay Edgar, B.E.	1965	Downs, Howard Albert, B.A.	1949
Doherty, Michael Dominic, B.Ec.	1967	Downs, Warwick Edward, LL.B.	1965
Dohnt, Brian Ray, B.Sc.	1945	Doyle, Elizabeth Margaret, B.Sc.	1963
Dolan, David Sutton, B.E.	1964	Doyle, John Jeremy, LL.B.	1967
Doley, Malcolm John, B.Arch.	1962	Doyle, Leo James, LL.B.	1931
Doley, Maurice Edward, B.E.	1939	Doyle, Margaret Cecelia, LL.B.	1965
Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951)	1959	Doyle, Peter Walter, B.Ec.	1965
Dolling, Eleanor Ngaire, B.Sc.	1950	Doyle, William Albert, B.A.	1963
Dolling, Maurice, B.Sc.	1965	Drabsch, Alfred Felix, B.A.	1941
Doman, Frederick Spencer Howe, M.B., B.S.	1949	Dracopoulos, Christos, B.Ec.	1966
Doman, Mary Gladys, B.A.	1959	Dragon, Dian Kathleen, B.Pharm.	1968
Donaghue, Paul Francis, B.Sc.	1965	Dragovich, Branko, B.Ec.	1959
Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933)	1939	Dragovich, Deirdre Janette, M.A. (B.A., 1961)	1966
Donald, Gordon Frederick, M.D. (M.B., B.S., Sydney, 1948)	1963	Draper, Fred, B.Sc.	1924
Donaldson, Alastair Monfries, LL.B.	1968	Draper, Morrell Henry, M.B., B.S.	1944
Donaldson, Muriel Grace, B.A.	1934	Draper, Neil, B.E.	1953
Donaldson, Pamela Margaret, B.A.	1959	Draper, Ronald Philip, Ph.D. (Nottingham, 1953)	1956
Donaldson, William Barry, B.Sc.	1965	Drayton, John Darryl, B.Tech.	1967
Dông-Nai, Tôn Thât, B.A.	1965	Drayton, Rodney Dean, B.Sc.	1962
Donley, Robert James Randall, B.A.	1966	Drever, Ian Campbell, M.B., B.S.	1951
Donnell, Heather Margaret, B.A.	1968	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Donnellan, Michael Ramsey, B.Tech.	1961	Drew, John Francis, B.Sc.	1963
Donnellan, Teresa Marie, B.A.	1945	Drew, Keith William, B.E.	1968
Donnelly, Jillian Kay, Ph.D. (B.Sc., 1962)	1966	Drew, Michael John Roskilly, M.B., B.S.	1951
Donnelly, Thomas Hewson, M.B., B.S.	1937	Drew, Peter Robert, B.Ec.	1964
Donnelly, Thomas Hugh, M.B., B.S.	1911	Drew, Sally Elizabeth, M.B., B.S.	1961
Donohue, Keith Arthur, B.A.	1968	Drewer, Peter Clifford, B.E.	1964
Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	1952	Drewer, Robert James, Ph.D. (B.Sc., 1961)	1966
Donovan, Mortimer Edward, M.B., B.S.	1946	Drewry, David Clifton, B.E.	1967
Doolan, Ernest Joseph, B.A.	1944	Dridan, Julian Randal, B.E.	1922
Doolette, Dennis Philip, B.Sc.	1968	Driesener, Barrie Mervyn, B.Tech.	1967
		Driscoll, Hilda Marion, B.A.	1908
		Driver, Alan Richard, B.Sc.	1966
		Druce, Stephen John, B.Sc.	1965

\* Deceased





Edmonds, Richard Lewis, B.A.	1964	Elliott, Rodney Gordon, B.A.	1966
Edmonds (nee Humphrey), Ruth Iris Marie, B.Sc.	1955	Elliott, Ronald Donovan, LL.B.	1931
Edmonds, Stanley Joe, Ph.D. (B.Sc., 1929; M.Sc., 1947)	1958	Elliott, Susan Audrey, B.Sc.	1966
B.A.	1935	Ellis, Annie Rita, B.Sc.	1905
Edmonds, Thomas James, B.A.	1963	*Ellis, Arthur Benjamin, B.A.	1911
Edson, Peter George, B.A.	1967	Ellis, Brian David, B.Sc.	1950
Edwards, Barry Arthur, M.B., B.S.	1965	B.A.	1953
Edwards, David Rowland, M.B., B.S.	1965	Ellis, Bronwyn Joan, B.A.	1966
*Edwards, Brenton Colin, B.E.	1966	Ellis, Bruce Walter, B.A.	1949
Edwards, Carolyn Edith, B.Sc.	1964	Ellis, Charlotte, B.A.	1950
Edwards, David Charles, LL.B.	1962	Ellis, Frank, B.E. (B.Sc., 1907, surrendered) M.A. (B.A., 1911)	1913
Edwards, David George, Ph.D. (B.Ag.Sc., 1960)	1965	Ellis, Howard John, M.B., B.S.	1946
Edwards, David George, B.Tech.	1965	Ellis, John Harry, B.Sc.	1966
Edwards, Gordon Robert, B.Ag.Sc.	1949	Ellis, John Vickery, B.Ag.Sc.	1957
Edwards, Graham William, B.A.	1957	Ellis, Julianne Barbara, B.A.	1968
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921)	1923	Ellis, Keith James, B.Sc.	1964
Edwards, Janice Roslyn, B.Sc.	1967	Ellis, Robert William, B.A.	1967
Edwards, Jennifer Marjorie, B.A.	1963	Ellis, Roger Melville, B.A.	1964
Edwards, Jennifer Mary, M.B., B.S.	1961	Ellis, Ronald Dudley, B.E.	1947
Edwards, John Brian, Ph.D. (B.Sc., 1963)	1968	Ellis, Ronald Weston, B.Ag.Sc.	1966
Edwards, Karl Francis, M.B., B.S.	1932	Ellis, Roy Gilmore, B.D.S.	1926
Edwards, Naomi June, B.D.S.	1944	Ellison, Lawrence Roy, B.E.	1955
Edwards, Pamela Julie, M.B., B.S.	1951	Elms, Valerie Lois, M.B., B.S.	1952
Edwards, Paul Julian, Ph.D. (Tasmania, 1964)	1965	Elphick, Keith Lewis Jarrett, B.D.S.	1965
Edwards, Philip Glen, B.Sc.	1959	Elsmann, Harmke, B.Sc.	1966
Edwards, Richard Graham, B.Ec.	1966	Ely, Merle Dawn, B.A.	1958
Edward, Richard John, B.D.S.	1968	Emery, James Kenneth, B.E.	1961
Edwards, Robert George, M.B., B.S.	1960	Emery, Peter John, B.A.	1966
Edwards, Robert Murray, M.B., B.S.	1963	Emery, Warren Frederick, M.B., B.S.	1946
Edwards, Ross Archibald, B.Mus.	1968	Emmett, Leigh Jackson, B.E.	1961
Edwards, Shirley Blanche, B.Sc.	1944	Endersbee, Brian Arthur, B.E.	1966
Edwards, Victor Wilfred Alcorn, B.A.	1948	Endersbee, Rosslyn Joan, B.A.	1963
Edyvean, Valerie Joan, B.A.	1966	England, Barbara Winsome, B.A.	1964
Egan, Adrian Roderic, Ph.D. (Western Australia, 1965)	1968	England, Clarence William, M.B., B.S.	1925
Eggleton, David Grosvenor, M.Sc. (B.Sc., 1952)	1956	England, Edith Pauline, B.A.	1967
Eggleton, Felicity Janet, B.A.	1955	England, Ernest Bert, M.B., B.S.	1952
Eggleton, Richard Anthony, B.Sc.	1959	England, Ernest James, M.B., B.S.	1951
Eglinton, Margi Stewart, B.Sc.	1945	England, Gerald Clifford, B.A.	1960
Eglinton, Raelene Dawn, B.A.	1964	England, Harold Norman, B.Sc.	1925
Egoh, Abdul Hamid, B.A.	1966	England, Harry Clement, B.E.	1930
Ehmcke, Freda Evelyn, M.B., B.S.	1931	England, James Hurtle, B.Sc.	1966
Ehrke, Ronald Noel, B.Tech.	1965	England, Judith Frances, B.Sc.	1968
Eichler, Hansjoerg, Ph.D. (Dr.rer.nat. (Halle-Wittenberg), 1950)	1959	England, Peter John, B.Ag.Sc.	1967
*Eimer, George Herman, B.E.	1937	England, Robert Keith, B.Sc.	1963
Elder, Audrey Olive, B.A.	1945	Enkelman, Andrew, B.E.	1967
Eisele, Frank James, B.A.	1961	Erdmann, Hermann Rudolf, B.Tech.	1965
Ekers, Ronald David, B.Sc.	1962	*Erichsen, Matthias, M.B., B.S.	1903
Ekins, William Gray, B.A.	1968	Ericson, Leon Gordon, Ph.D. (B.Sc., 1955)	1959
Eldridge, David Melbourne, M.B., B.S.	1948	Erikson, Erik Theodore, M.B., B.S.	1964
Eley, Agnes May, B.A.	1944	Eriksen, Peter Warwick, LL.B.	1966
Eley, John Robert, B.Sc.	1947	Esdaile, James Durie, Ph.D. (B.E., 1955)	1965
Elford, Harold Stewart, B.E.	1925	Espie, Frank Fancett, B.E.	1918
Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953)	1958	Espie, Frank Fletcher, B.E.	1947
Elford, Raymond Frank, B.Tech.	1961	Esselbach, Brian Humphrey, B.E.	1963
Elford, William Graham, Ph.D. (B.Sc., 1947)	1955	Esselbach, Rodney, B.A.	1956
Elhay, Isaac Jacques, B.A.	1956	M.Ed.	1968
Elhay, Jack, B.Sc.	1966	Eu, Sim Choon, B.A.	1968
Elhay, Sylvan, B.Sc.	1965	Eu, Swee Lian, Bernice, M.B., B.S.	1962
Elix, David Llewellyn, B.E.	1939	Eustace, John Leonard, B.D.S.	1921
Elix, John Alan, Ph.D. (B.Sc., 1962)	1967	Evans, David Denton Edwards, M.B., B.S.	1960
Elix, Ralph Louis, M.B., B.S.	1954	Evans, David Garth, B.Tech.	1962
Elix, Robert Hugo, M.B., B.S.	1938	Evans, David Wyke, B.Ec.	1957
Elix, Robin Guion, B.E.	1957	Evans, Deane Charles, B.A.	1965
Ellerton, Hugh David, Ph.D. (B.Sc., 1961)	1967	Evans, Dene, B.E.	1951
Ellerton, (née Gersch), Nerida Fay, Ph.D. (B.Sc., 1963)	1967	Evans, Elizabeth Ann, B.Sc.	1960
Ellery, Brenton Wayne, B.Sc.	1965	Evans, Eric Laurence, B.A.	1930
Elleway, Rodney Francis, B.Sc.	1968	Evans, Geoffrey Gordon Llewellyn, B.D.S.	1951
Elliott, Brian Robinson, D.Litt. (B.A., 1931)	1955	Evans, Geoffrey William, Ph.D. (B.Sc., 1959)	1965
Elliott, David, Ph.D.	1961	Evans, George Richard, B.E.	1937
Elliott, Denis Edward, B.Ag.Sc.	1960	Evans, Horace Clement, B.Ec.	1956
Elliott, Jennifer Anne, B.A.	1959	Evans, John William, M.A. (Cambridge, 1931)	1932
Elliott, Kenneth Alexander, B.Ag.Sc.	1932	Evans, Kenneth Alan Greig, M.B., B.S.	1953
Elliott, Lionel John, LL.B.	1936	Evans, Lloyd Lindsay Carey, M.B., B.S.	1957
Elliott, Malcolm Stacy, B.Ec.	1963	Evans, Malcolm Norman, B.A.	1968
Elliott, Murray William, M.B., B.S.	1943	Evans, Marilyn Joan, B.A.	1957
Elliott, Ralph Warren Victor, M.A. (St. Andrews, 1949)	1960	Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929)	1943
Elliott, Robert Bartlett, M.B., B.S.	1956	Evans, Michael John de la Poer Beresford, B.Ec.	1967
		Evans, Owen Ross, B.E.	1950
		Evans, Richard Wyke, LL.B.	1963
		Evans, Robert George, M.B., B.S.	1954
		Evans, Robert William, B.Tech.	1964
		Evans, Samuel Islwyn, Ph.D. (Sheffield, 1950)	1961
		Evans, Terence Charles, LL.B.	1967

\* Deceased

Evans, Walter Alfred Wyke, B.D.S.	- -	1928
Evans, Wilfred Robert, B.E.	- -	1924
Evely, Pamela Joy, B.Pharm.	- -	1968
Everard, Betty Ann, B.Sc.	- -	1945
Everitt, Graham Charles, Ph.D. (M.Sc. (Wales, 1958), 1962)	- -	1966
Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951)	- -	1951
Everton, Rosalind Anne, B.Sc.	- -	1962
Ewens, John Quattrough, LL.B.	- -	1929
Ewers, John Robert, B.E. (Western Australia, 1956)	- -	1965
*Ewers, William David, B.A.	- -	1934
Ewers, William Hector, B.Sc.	- -	1957
Ewing, Deirdre Ann, B.A.	- -	1968
Excell, John Eliot, B.E.	- -	1940
Ey, Geoffrey Thomas, M.B., B.S.	- -	1947
Eyers, Vivian George, B.Sc.	- -	1955
Eyles, Helen Mary, B.Sc.	- -	1943
Eyles, Philip Sydney, M.B., B.S.	- -	1942
B.A.	- -	1949
Eylward, Richard John, B.Sc.	- -	1954
Eyre, William Stratford, B.Sc.	- -	1968
Eyres, Michael John Worthington, B.Ec.	- -	1966
Ezekiel, Eric, M.B., B.S.	- -	1958
F		
Faber, Bartholomeus, B.Tech.	- -	1950
Fabian, Werner, B.Sc.	- -	1966
Fahey, John Kevin, B.E.	- -	1950
Fahlbusch, Jillian Dawn, B.A.	- -	1964
Fahy, Carlien Lorraine, M.B., B.S.	- -	1960
Fahy, Francis Brendan, B.A.	- -	1968
Fahy, Frederick Edward, B.E.	- -	1953
Fails, Mervyn James, M.B., B.S.	- -	1958
Fairbairn, David Francis, B.Ec.	- -	1965
Fairley James, M.B., B.S.	- -	1941
Fairley, Margaret Anne, B.Sc.	- -	1965
Fairley, Neil Hamilton, M.D. (Melbourne, 1917)	- -	1949
Fairley, Patricia Ruth, B.A.	- -	1968
*Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered)	- -	1913
Fairweather, Edna May, B.A.	- -	1932
Fairweather, Ethel Firl, B.D.S.	- -	1955
Fairweather, John Henry, B.E.	- -	1954
Falconer, Ian Robert, Ph.D. (Aberdeen, 1960)	- -	1961
Falkenberg, Walter Edwin, B.A.	- -	1940
Fallows, Donald Walter, B.Tech.	- -	1963
Fan, Shao Wen, M.B., B.S.	- -	1964
Fander, Hans Walter, M.Sc.	- -	1961
Fanning, Elizabeth Ann, D.D.S. (New Zealand, 1960)	- -	1964
Fanning, John Willson, B.Tech.	- -	1963
Fanning, Joseph Charles, M.B., B.S.	- -	1963
Fardell, Trevor James, B.Tech.	- -	1968
Fardon, Daniel Fredrick, B.Tech.	- -	1965
Fargher, Philip John, B.E.	- -	1956
Farkas, Ibojka Rosa, B.Mus.	- -	1968
Farmer, Anthony John Douglas, B.Sc.	- -	1965
Farmer, Christine Jane, B.A.	- -	1968
Farmer, Helen Robinson, B.A.	- -	1945
Farmers, Annette Mary, B.Sc.	- -	1962
Fardell, Leila Mavis, B.A.	- -	1933
Farnden, Kevin John Francis, B.Sc.	- -	1966
Farquharson, Terry Alistair, B.Pharm.	- -	1968
Farr, Alan Pembroke, B.A.	- -	1950
Farrant, Ian Raddon, B.Sc.	- -	1964
Farrant, Michael John, B.E.	- -	1958
Farrant, Robert Kennion, B.Sc.	- -	1967
Farrell, Bradford Lawrence, B.Sc.	- -	1968
Farrell, Edward Francis, B.A.	- -	1940
Farrelly, Jillian Mary, B.A.	- -	1964
Farrent, Thomas Albert, B.Sc.	- -	1923
B.E.	- -	1924
Farrer, Kenneth Joseph, B.A. (B.A. (Econ), Manchester, 1949)	- -	1954
Farrow, Murray Aubrey, B.A.	- -	1945
Farrow, Robert Murray, B.A.	- -	1956
Farsch, Rehle Katherine, B.A.	- -	1955
Faulkner, Denys Barrie, B.A.	- -	1959
Faulkner, Douglas William, B.Sc.	- -	1961
Faulkner, Ian Patrick, B.Sc.	- -	1968
Faull, James Francis, B.A.	- -	1967
Faull, Kym Francis, B.Ag.Sc.	- -	1968
Faunce, Marcus De Laune, M.B., B.S.	- -	1946
Faunce-de Laune, Alured Bonham, LL.B.	- -	1967
Fausser, Geoffrey Alan, B.Sc.	- -	1966
Favilla, Domenico Raffaello, B.Ec.	- -	1954
Favilla, Ian, B.Med.Sc.	- -	1962
M.B., B.S.	- -	1965
Fawcett, Robert Graham, B.Ag.Sc.	- -	1959
Featherstone, Dora Bewlay, M.A. (B.A., 1918)	- -	1932
Fechner, Martin Johann Traugott, B.A.	- -	1937
Fee, Warren William, Ph.D. (B.Sc., 1956)	- -	1962
Feenstra, Didy Ina, B.A.	- -	1968
Fehlberg, Barry, B.Sc.	- -	1968
Fehlberg, Tasman Julius August, B.A.	- -	1932
Feineler, Josephine Mary, B.A.	- -	1962
Felgate, David Gordon, B.Sc.	- -	1964
Felgenhaur, Robert Frederick, B.A.	- -	1949
Fellenberg, Alan John, B.Sc.	- -	1966
Felstead, Brenton James, B.D.S.	- -	1967
Fennell, David John, B.Sc.	- -	1964
Fennell, Trevor Garth, B.A.	- -	1962
Fenner, Frank John, M.D. (M.B., B.S., 1938)	- -	1942
Fenner, Theodore Lyell, B.Ag.Sc.	- -	1961
Fenner, William Greenock, B.E.	- -	1945
Fenwick, Aline Mary, LL.B.	- -	1944
Fenwick, George William, B.A.	- -	1968
Feodoroff, Nicholas, B.E.	- -	1962
*Ferguson, Andrew, B.Sc.	- -	1904
Ferguson, James, Ph.D. (B.Sc., 1960)	- -	1966
Ferguson, James Andrew, B.Ag.Sc.	- -	1959
Ferguson, John Cameron, LL.B.	- -	1964
Ferguson, Judith Alison, B.Mus.	- -	1967
Ferguson, Malcolm Linley, B.Sc.	- -	1964
Ferguson, Wilfred John, B.A.	- -	1930
Ferguson, William Rex, B.E.	- -	1931
Fergusson, George Robert, B.A.	- -	1953
Ferres, Helen Millicent, M.Sc. (B.Sc., 1941)	- -	1949
Ferrett, Robert George, LL.B.	- -	1952
Ferrie, David Noel, B.Sc.	- -	1960
Ferry, Andrew Sage, B.Ec.	- -	1958
Fewings, James Harold, B.App.Sc.	- -	1966
Fewings, John David, M.D., (M.B., B.S., 1961)	- -	1966
Fiala, Jiri, LL.B.	- -	1959
Fiddaman, Dorothy Kaye, B.Sc.	- -	1966
Fidge, John Brian, B.Sc.	- -	1967
Fidge, Noel Hadden, Ph.D. (B.Sc., 1960)	- -	1965
Fidler, Roger Winton, B.Sc.	- -	1967
Fidock, Dean Henwood, B.E.	- -	1952
Fiebig, Eric Ronald, B.Tech.	- -	1959
Field, Alan Kimber, B.A.	- -	1956
Field, Frederick Laurence, LL.B.	- -	1936
Field, Donald William, B.Sc.	- -	1967
Field, Graham John, Ph.D. (B.E., 1958)	- -	1964
Field, John Benjamin Francis, B.Sc.	- -	1967
Field, John Edward, B.Sc.	- -	1968
Field, Lynette Kay, B.A.	- -	1968
Field, Peter Stewart, B.Ec.	- -	1964
Fielder, Donald Raymond, Ph.D. (B.Sc., 1958)	- -	1964
Fielding, Gavin Leonard, LL.B.	- -	1966
Fielding, John Mathew, M.B., B.S.	- -	1963
Fielding, Leonard Edmund, B.E.	- -	1937
Fielding, Susan Jane, LL.B.	- -	1968
Filipic, Marijan, M.B., B.S.	- -	1960
Filmer, Kenneth Frederick, B.D.S.	- -	1946
Filsell, Owen Holbrook, B.Sc.	- -	1954
*Finch, Emily Olive, B.A.	- -	1913
Finch, Janette Helen, B.A.	- -	1963
Finch, Peter Stewart, M.B., B.S.	- -	1952
Findlay, Andrea MacDougall, B.Mus.	- -	1967
Findlay, Geoffrey Putnam, Ph.D. (Tasmania, 1963)	- -	1966
Findlay, John Kerr, B.Ag.Sc.	- -	1966
Findlay, Marjorie Clifford, B.A.	- -	1963
Finger, Martyn Rodolph, B.E.	- -	1951
Finlay, Ada Jeanne, B.A.	- -	1951
Finlay, Frederic Albert Montague, Mus.Bac.	- -	1940
Finlay, Keith Warren, Ph.D. (W.A., 1953)	- -	1961
Finlay, Richard John Malcolm, B.A.	- -	1963
Finlayson, Allan Harvey, B.E.	- -	1932
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	- -	1936
Finlayson, Frank Harvey, B.E.	- -	1930
Finlayson James Francis, B.Sc.	- -	1940
Finn, Beatrice Mary, B.A.	- -	1938
Finnegan, David John, B.Sc.	- -	1968
Finnis, John Mitchell, LL.B.	- -	1962

\* Deceased

Finnis, Maurice Meredith Steriker, B.A.	1937
Finucane, Anthony James, B.E.	1966
Finucane, Kevin Eugene, M.B., B.S.	1957
Fischer, Alastair James, B.Sc.	1964
Fischer, Anne Elizabeth, B.A.	1968
Fischer, Arthur Frederick, LL.B.	1925
Fischer, Gerald Lyn, M.A. (B.A., 1954)	1968
Fischer, Gwenda Clare, LL.B.	1965
Fishburn, Thomas Harold, B.A.	1932
Fisher, Anthony Graham, M.B., B.S.	1946
Fisher, Brian George, B.E.	1960
Fisher, Charles Douglas, M.A. (Oxford, 1953)	1963
Fisher, Cynthia Anne, LL.B.	1967
Fisher, David John, B.E.	1960
Fisher, Dean Francis, B.Tech.	1960
Fisher, Dennis James, B.A.	1965
Fisher, Francis Robert, LL.B.	1950
Fisher, George Read, B.E.	1925
Fisher, Graeme Robert, B.Ec.	1966
Fisher, Harry Medcalf, M.B., B.S.	1922
Fisher, Helen Joan, B.Sc.	1955
Fisher, Helen Violet, B.A.	1967
Fisher, Herbert Ross, B.Ec.	1968
Fisher, James Hubert Thomas, M.E. (B.E., 1934)	1950
Fisher, John Malcolm, Ph.D. (B.Ag.Sc., (B.Sc.Agr., Sydney, 1953) 1959)	1966
Fisher, John Wayne, B.Sc.	1966
*Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959
Fisher, Ruben Walter Alfred, B.A.	1948
Fisher, Simon Anthony, B.A.	1968
Fisher, Tryphena Ellen, B.A.	1930
Fisk, Graham Bristow, M.B., B.S.	1946
Fisse, Warren Brent, LL.M.	1968
Fitch, Kenneth Duncan, M.B., B.S.	1953
Fitch, Phillip Stanley, B.E.	1968
Fitch, Rosemary Lamburn, B.A.	1949
Fitch, Russell John, M.B., B.S.	1963
Fitzgerald, Anne-Marie, B.Sc.	1955
Fitzgerald, Bartholomew John, B.A.	1929
Fitzgerald, Clarence Lindsay, B.A.	1952
Fitzgerald, Desmond Elywn, B.Tech.	1961
Fitzgerald, Gerald, B.D.S.	1932
Fitzgerald, Hugh Lawrence, B.A.	1940
Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908
Fitzgerald, Judith Barbara, B.A.	1966
Fitzgerald, Peter Lawrie, B.A.	1967
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928
Fitzpatrick, Alan Harding, M.B., B.S.	1953
Fitzpatrick, Barry Niland, M.D.S. (Western Australia, 1960)	1965
Fitzsimons, Robert Owen, B.A.	1964
Flaherty, Anna Theresa, B.A.	1953
Flaherty, Denis Oakley, B.Ag.Sc.	1966
Flaherty, Edward John, B.A.	1924
Flaherty, Francis Ignatius, M.B., B.S.	1935
Flaherty, James Aloysius, M.B., B.S.	1952
Flaherty, Teresa Anne, B.A.	1958
Flavel, John Paul, B.Ec.	1967
Flavel, Warren Louis, B.E.	1965
Flecker, Margaret Mabel, M.B., B.S.	1932
Flecker, Patrick Oscar, M.B., B.S.	1944
Fleming, Francis John, B.E.	1938
Fleming, Hugh Douglas, B.E.	1934
Fleming, Kenneth Howard, B.Tech.	1962
Fleming, Peter David, B.Sc.	1965
Fleming, Suzanne Diana, LL.B.	1966
Flenjtje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947
Fletcher, Ann Willoughby, B.A.	1953
Fletcher, Enid Lilian, B.A.	1959
Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936
Fletcher, Helen Weld, B.A.	1933
Fletcher, Ian Clark, B.Ag.Sc.	1961
Fletcher, John, Ph.D. (Keele, 1964)	1966
Fletcher, John Weld, LL.B.	1947
Fletcher, Judith Willoughby, B.Sc.	1960
Flett, John Stanley, B.Sc.	1941
Flett, M.B., B.S.	1951
Flew, Robert John, B.Ec.	1964
Flier, Hans Eric, B.E.	1957
Flint, Harold Elsdon, M.A. (B.A., 1919)	1927
Flint, Peter Leighton, LL.B.	1963
Flint, Richard Russell, B.E.	1942
Flock, Ernest Leslie, M.B., B.S.	1964
Flood, Edward Dermott, B.App.Sc.	1966
Flood, Frederick George, B.Tech.	1967
Floreani, Leo Trevor, B.E.	1963
Floreani, Robert Franco, LL.B.	1966
Floreay, Hilda Josephine, M.B., B.S.	1912
*Florey, Baron; Howard Walter, M.D. (M.B., B.S., 1921)	1944
D.Sc. (Sheffield and Birmingham)	1963
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950
Flower, Clifford James McKinnon, M.B., B.S.	1953
Flower, Ian Cameron, M.E. (B.E., 1963)	1968
Flynn, Kevin John, B.A.	1938
Foale, Anthony Ernest, B.Tech.	1966
Foale, Harold Robert, LL.B.	1933
Foale, Michael Ambrose, M.Ag.Sc. (B.Ag.Sc., 1957)	1968
Fogg, David Anthony Berthold, B.Sc.	1965
Foley, Shane Patrick, B.E.	1967
Fong, Jek Swee, B.E.	1960
Fong, Lian Hern, Ph.D. (B.Sc., 1961)	1968
Poong, Siew-Wan, B.Sc.	1966
Fong, Thin Yiew, B.E.	1958
Fong, Yeng Soh, B.E.	1959
Foo, Chee Eng, B.E.	1960
Foo, Chee Kok, B.Sc.	1964
Foo, Seow Weng, B.Sc.	1963
Foo, Thian Wooli, Anthony, B.E.	1964
Foong, Siew Muay, M.B., B.S.	1957
Foong, Siew-Wan, B.Sc.	1966
Foong, Swee Kai, B.E.	1961
Foord, Peter Maxwell, B.E.	1952
Foord, Raymond John, B.Tech.	1968
Foot, Colin John, B.E.	1962
Foote, George Buchanan, B.Sc.	1934
Foote, John Lester, M.B., B.S.	1965
Footner, Bruce Albert, B.Tech.	1958
Forbes, Alexander James deBurgh, B.A.	1951
Forbes, Allan McLean, B.Tech.	1965
Forbes, Andrew Alderman, LL.B.	1967
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956
Forbes, David Stewart, M.B., B.S.	1955
Forbes, Elizabeth McLean, B.A.	1962
Forbes, Ian James, M.D. (M.B., B.S., 1956)	1964
Forbes, William, B.A.	1936
Forbes, William McDougall, B.Sc.	1961
Ford, Barry Raymond, B.Ec.	1967
Ford, Christopher John, B.E.	1967
Ford, Graeme West, B.Ag.Sc.	1964
*Ford, James Albert, B.A.	1919
Ford, John Mackay, B.Sc.	1964
Ford, John Robert, B.E.	1960
Ford, Raymond William, B.E.	1922
Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956
Forder, Charles Rex, B.D.S.	1928
Forder, Douglas Highmoor, B.Sc.	1932
B.A.	1938
Forder, Howard Hamlyn, B.E.	1926
Fordham, Juanita Horwood, B.A.	1927
Foreman, David Barry, B.Tech.	1967
Foreman, David John, B.E.	1967
Foreman, Graham, B.Ec.	1967
Foreman, Rodney Keith, B.Sc.	1968
Forgan, Anthony James, B.E.	1954
Forgan, Dorothea Wald, M.B., B.S.	1958
Forgan, Frederick Robert, LL.B.	1928
Forgan, Humphrey Crayle, B.E.	1927
Forgan, Peter John, M.B., B.S.	1959
Forgan, Sydney Bayly, M.B., B.S.	1926
Forgie, Donald Schollar, B.A.	1949
Forgie, Stephen Craig, B.Tech.	1968
Foreman, Rodney Keith, B.Sc.	1968
Formby, John Richard, B.Ec.	1965
Formby, Myles Landseer, M.B., B.S.	1924
Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943
Forrest, Anna Marlene Helen, B.A.	1966
Forrest, Richard Bruce, B.Sc.	1965
Forrest, Waldie William, B.Sc.	1948
Forrester, James Clifford, B.E.	1965
Forster, William Edward Stanley, LL.B.	1950
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955
Forsyth, Heather McKenzie, B.Sc.	1961
Forsyth, Robert Samuel, B.A.	1937
Forward, David William, B.A.	1966
Forward, Marilyn Joy, B.Sc.	1962
Forwood, Peter Strauss, B.Sc.	1956

\* Deceased



Foster, Barry Wayne, B.Tech. - - - -	1965	Frewin, Derek Brian, M.B., B.S. (Ceylon, 1965) - - - -	1967	6
Foster, Heather Anne, B.A. - - - -	1968	Freytag, Ian Bernard, B.Sc. - - - -	1955	17
Foster, Robert Jacob, B.E. - - - -	1955	Frick, Anthony James, B.E. - - - -	1962	4
Fotheringham, Brian James, B.Med.Sc. - - - -	1963	Frick, Majorie May, LL.B. - - - -	1934	2
M.B., B.S. - - - -	1966	Frick, Patricia Marian, LL.B. - - - -	1938	5
Fotheringham, James David, M.B., B.S. - - - -	1937	Frick, Ross Allen, B.Sc. - - - -	1958	9
Fotheringham, Walter Douglas, B.E. - - - -	1956	Frickauss, Valdons Elmars, B.A. - - - -	1963	2
Fouls, John Bruce, B.Tech. - - - -	1964	Fricke, Graham Andrew, B.E. - - - -	1955	7
Fowles, Barry Herbert, B.A. - - - -	1966	Fricke, Lyall Peterie, B.Sc. - - - -	1949	2
Fowler, Dorothy Colyer, B.A. - - - -	1949	B.A. - - - -	1951	18
Fowler, James Henry, B.E. - - - -	1952	Fricke, Norman Meshach, B.E. - - - -	1933	18
Fowler, Jeffrey Thomas, B.Tech. - - - -	1966	Fricke, Richard John, B.Sc. - - - -	1955	2
Fowler, Kenneth Raymond, B.A. - - - -	1955	Fricke, Vera May, M.A. (B.A., 1930) - - - -	1932	2
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946) - - - -	1951	Fridman, Gerald Henry Louis, LL.B. (B.C.L., Oxford, 1950) - - - -	1953	4
Fowler, Robert Malcolm, B.Ec. - - - -	1958	LL.M. - - - -	1955	9
Fowler, Russell Aubrey, B.Sc. - - - -	1919	Friedrichs, Beverly, B.Sc. - - - -	1967	6
Fowler, Thomas Peter, B.Ec. - - - -	1964	Frisby-Smith, Margaret Rose, B.A. - - - -	1965	7
Fowler, Trevor John, B. Ec. - - - -	1962	Frith, Ernest Everard, B.Sc. - - - -	1949	2
Fowless, Joan Ann, B.Sc. - - - -	1965	Fritsch, Garnette Grace, B.A. - - - -	1957	2
Fox, Allan Douglas, B.E. - - - -	1967	Fritsch, Eunice Serena, B.A. - - - -	1947	2
Fox, Barry, LL.B. - - - -	1965	Fritsch, Luthilde Clara, B.A. - - - -	1948	1
Fox, Bruce Spafford Owen, M.B., B.S. - - - -	1953	Fritsch, Mary Walda, M.B., B.S. - - - -	1955	5
Fox, David Michael, B.D.S. - - - -	1938	Fritzsche, Janet May, B.Arch. - - - -	1965	4
Fox, Ina Alice Owen, M.B., B.S. - - - -	1938	Frogley, William George, B.Ec. - - - -	1968	8
Fox, Robert Owen, M.B., B.S. - - - -	1925	Froscio, Mario, B.Sc. - - - -	1968	2
Fox, William Thomas, B.Tech. - - - -	1962	Frost, Mary Millicent, B.A. - - - -	1927	6
Frahn, Leslie John, M.Sc. (B.Sc., 1941) - - - -	1949	Frost, Michael Francis, B.Sc. - - - -	1968	9
Francey, Joseph Logan Ayre, M.Sc. - - - -	1963	Frost, Nicholas Colin, B.E. - - - -	1967	4
Francis, Albert Edward John, B.Sc. - - - -	1949	Fry, Adelaide Elizabeth, LL.B. - - - -	1953	9
Francis, John Graham, M.B., B.S. - - - -	1955	Fry, Dorothy Gillian, B.A. - - - -	1945	7
Francis, Juris, B.Sc. - - - -	1962	Fry, Geoffrey Alfred, B.Tech. - - - -	1960	4
Francis, Lenore Kay, B.Sc. - - - -	1964	Fry, Jacqueline Frances Murray, B.Sc. - - - -	1961	0
Francis, Lindsay Edward, B.A. - - - -	1967	Fry, Leslie Barry, B.E. - - - -	1954	1
Francis, Robert Harry, B.Tech. - - - -	1967	Fry, Peter Leslie, M.B., B.S. - - - -	1965	3
Francis, Robert John, M.Sc. (B.Sc., 1959) - - - -	1968	Fry, Robert Mason, B.Sc. - - - -	1947	9
Francis, Valdis, B.A. - - - -	1966	Fryar, Joanne Heather, B.Sc. - - - -	1968	2
Francis, Vera Eleanor, M.A. (B.A., 1938) - - - -	1941	Fryar, Stephanie Sue, B.Sc. - - - -	1967	3
Francis, Wilfred Galton, B.E. - - - -	1935	Fryer, Beverley Anne, B.A. - - - -	1963	6
Francki, Richard Ignacy Bartlomiej, Ph.D. (New Zealand, 1962) - - - -	1968	Fryer, Colin, B.E. - - - -	1963	3
Frank, Helena, B.A. - - - -	1968	Fryters, Christianus Wilhelmus, B.Tech. - - - -	1966	6
Frank, Robert, M.B., B.S. - - - -	1965	Fuhlbohm, Margaret, B.A. - - - -	1944	9
Frankcomb, John, B.Ag.Sc. - - - -	1966	Fuller, Anthony Bernard, LL.B. - - - -	1966	6
Franklin, Ian Robert, B.Sc. - - - -	1960	Fuller, Bonython Clemon, B.Tech. - - - -	1961	7
Franks, Mary Lorraine, B.Sc. - - - -	1959	Fuller, Clarence Oliver, M.B., B.S. - - - -	1954	5
Fraser, Barbara Margaret, B.Sc. - - - -	1966	Fuller, Donald Andrew, B.E. - - - -	1955	7
Fraser, Christine, B.A. - - - -	1965	Fuller, Geoffrey Roy, B.Sc. - - - -	1951	2
Fraser, Donald James, B.A. - - - -	1966	Fuller, George Rayner, B.Sc. - - - -	1924	9
Fraser, Dougal, B.D.S. - - - -	1958	B.E. - - - -	1963	5
Fraser, Duncan Lovat Radcliffe, B.Sc. - - - -	1950	Fuller, Kenton David, B.Sc. - - - -	1965	3
Fraser, Frederick Christopher, B.D.S. - - - -	1938	Fuller, Michael John, LL.B. - - - -	1963	7
Fraser, Harry Lovat, LL.B. - - - -	1932	Fuller, Peter Gilmour, B.E. - - - -	1968	4
B.A. - - - -	1933	Fuller, William Rayner, M.B., B.S. - - - -	1953	7
Fraser, Hugh Barron, M.B., B.S. - - - -	1955	Fullerton, Anne McPherson, B.Sc. - - - -	1957	8
Fraser, Jeffrey William, B.Tech. - - - -	1967	Fullerton, Colin Curtis, B.Tech. - - - -	1967	5
Fraser, John William, B.Sc. - - - -	1968	Fulton, Gwen Evelyn Hamilton, M.A. (B.A., 1932) - - - -	1939	1
Frayne, Graham Arthur, B.D.S. - - - -	1933	Fulton, Michele Mary, M.B., B.S. - - - -	1968	1
Frayne, Harold Bruce, M.D.S. (B.D.S., 1940) - - - -	1953	Fulwood, Peter Geoffrey, B.Ag.Sc. - - - -	1968	3
Frayne, John Felix, M.B., B.S. - - - -	1936	Funder, Anne Cathrine, B.D.S. - - - -	1934	7
Frayne, Max Thorley, B.D.S. - - - -	1945	Funder, Brian Patrick, M.B., B.S. - - - -	1933	9
Frayne, Peggy Searle, B.Sc. - - - -	1945	Funder, John Francis, B.Sc. - - - -	1935	3
Freak, John Amed, B.Sc. - - - -	1965	M.B., B.S. - - - -	1938	1
Freckelton, Douglas John, B.Sc. - - - -	1967	Fung, Khyam Shen, B.E. - - - -	1957	3
Frederick, Esmond Joseph, M.B., B.S. - - - -	1953	Furber, Graeme Walter, B.Sc. - - - -	1963	3
Frederiksen, Jorgen Segerlund, B.Sc. - - - -	1968	Furber, Ian King, M.B., B.S. - - - -	1948	3
Freeman, Barry Claude, B.E. - - - -	1961	Furness, Eric Taylor, B.Sc. - - - -	1955	7
Freeman, Brian, B.Ag.Sc. - - - -	1966	M.B., B.S. - - - -	1964	1
Freeman, Colin, B.Sc. - - - -	1966	Furness, Gwenda Marie, B.A. - - - -	1941	3
Freeman, Jef Elliot, B.Sc. - - - -	1940	Furniss, Colin Robert, B.Sc. - - - -	1967	3
Freeman, John Keith, M.B., B.S. - - - -	1968	Furniss, Dennis Reginald, M.B., B.S. - - - -	1962	3
Freeman, Peter James, B.Ag.Sc. - - - -	1967	Furze, Betty Joan, B.Sc. - - - -	1951	3
Freeman, Robert Roger, M.B., B.S. - - - -	1962	Furze, Janet Lesley, B.Sc. - - - -	1956	1
Freestun, William David, B.E. - - - -	1949	Fuss, Eric Robert, B.A. - - - -	1967	1
Freidenfelds, Maija, B.D.S. - - - -	1961	Fyfe, Dorothy Mary, B.A. - - - -	1926	1
Freidenfelds, Mara, B.Sc. - - - -	1961			
Freidenfelds, Regina, B.D.S. - - - -	1956			
Freiman, Richard, B.E. - - - -	1967			
French, Alfred, M.A. (Cambridge, 1946) - - - -	1951			
French, Eric Lancelot, M.Sc. (B.Sc., 1942) - - - -	1948			
French, Margaret, B.A. - - - -	1961			
French, Reginald James, M.Ag.Sc. (B.Ag.Sc., 1948) - - - -	1967			
French, Robert John, B.Sc. - - - -	1965			
Freney, Ian Martin, B.Sc. - - - -	1968			
Freney, Martin Raphael, B.Sc. - - - -	1930			
Freney, Roger Quentin, B.Ec. - - - -	1965			
Freund, John Terence, B.Sc. - - - -	1968			

## G

Gabb, Bronte Winston, B.Sc. - - - -	1961
B.Med.Sc. - - - -	1961
M.B., B.S. - - - -	1962
Gabb, Mary Elizabeth, M.B., B.S. - - - -	1960
Gadilbe, Horst Werner, B.Tech. - - - -	1965
Gaetjens, Gertrude Vera, B.A. - - - -	1925

\* Deceased

Gaffney, Fay Madeline, B.Sc.	1949	Gayler, Kenwyn Ronald, B.Ag.Sc.	1962
Gaffney, Janice Margaret, B.Sc.	1968	Gayler, John Andrew, B.Sc.	1962
Gaffney, Richard Stephen, B.Ec.	1959	Gayler, Pamela Anne, B.A.	1961
Gaffney, Robert John, B.Sc.	1964	Gazard, Elisabeth Jane, B.A.	1967
Gage, Josephine Helen, B.A.	1966	Gazard, Geoffrey Albion, B.A.	1949
Gagolski, Julian, Ph.D.	1955	Gazard, John Anthony, B.E.	1935
Galatiltis, Antanas, B.Tech.	1960	Gaze, Belinda Jane, B.A.	1964
Galbory, Jutta Maria Paula, B.A.	1965	Geary, Erin Michael, B.A.	1966
Galbraith, Cyril, B.E.	1927	Geary, Irene Murray, B.A.	1968
Gale, Allen Ewart, M.B., B.S.	1958	Geary, Terence Desmond, B.Sc.	1965
Gale, Frederick Julius, B.A.	1915	Geddes, Robin Alistair, M.B., B.S.	1966
Gale, Gwendoline Fay, Ph.D.	1962	Geekie, Douglas Ian, B.Ec.	1963
Gale, Margaret Jean, B.A.	1953	Geelen, Ferdinand, B.Sc.	1966
Gall, Thomas Mitchell, LL.B.	1966	Geering, Adrian Douglas, B.A.	1966
Gallagher, William Edward, M.B., B.S.	1932	Gehan, Kevin, B.E.	1967
Gallasch, David Russel, B.Mus.	1966	Gehling, Lorenz Wilfred, B.E.	1950
Gallasch, Frank Edward, M.B., B.S.	1927	Gehling, Ronda Beryl, Mus.Bac.	1943
Gallasch, Glen Lenard, B.E.	1967	Geisler, Frederick, M.B., B.S.	1951
Gallasch, Harold Ernest, B.Ag.Sc.	1965	Geisler, Wilfred Ross, B.Sc.	1937
Gallasch, Keith, B.A.	1968	B.Ec.	1954
Gallasch, Malcolm George, B.E.	1955	Gellard, Donald John, B.Tech.	1968
Gallasch, Wendy Anne, B.Mus.	1967	Gelson, Henrick, M.A. (B.A., 1958)	1964
Galliford, Robert Henry, B.Sc. (Eng.)	1947	Gemmell, Donald Stewart, B.Sc.	1955
Galliver, George David, M.A. (Oxford, 1951)	1966	Genovese, Margaret Rose, B.A.	1966
Gallus, Hermann Peter Christian, M.Sc. (B.Sc., 1928)	1934	Gent, Alan Franklin, B.A.	1948
Galpin, Arthur Lorden, B.E.	1949	Gent, Alison Grace, M.A. (B.A., 1941)	1948
Galvin, Leola Beth, B.Sc.	1945	Gent, John George Moyns, B.A.	1940
Galvin, Patrick John, B.A.	1956	Gent, Margaret Georgina, B.A.	1967
Galvin, Selma Ruth, B.A.	1953	Gentle, Valerie Anne, B.Sc.	1967
Galvin, Thomas Bernard, B.A.	1916	Gentles, Graeme Latimer, B.E.	1967
Gamble, Beverley Joan, B.A.	1967	Georg, Victor Gerhard, B.A.	1949
Gamble, Graham Beaumont, B.Sc.	1963	George, Adalbert James, B.D.S.	1927
Gamble, Valerie Joan, B.A.	1966	George, Andrew David Howard, M.B., B.S.	1966
Gambling, David John, M.Sc. (B.Sc., 1963)	1967	George, Barbara Kay, B.Sc.	1957
Gambling, Janice Melva, B.A.	1958	George, Brenton, B.A.	1966
Game, David Aylward, M.B., B.S.	1949	George, Brian Ambrose, B.Ec.	1964
Game, John Aylward, M.B., B.S.	1938	George, David Charles, B.Sc.	1960
Game, Patricia Jean, M.B., B.S.	1949	George, Dorothy Beryl, B.A.	1966
Gamenau, David John, M.B., B.S.	1967	George, Hilda Constance, B.A.	1928
Gan, Kwai, M.B., B.S.	1965	George, Ian Gordon, LL.B.	1957
Gan, Tiang Hoe, B.Sc.	1962	George, Peter Leslie, B.Tech.	1965
Gan, Triang Hua, B.Sc.	1958	George, Robin John, Ph.D. (B.Sc., 1963)	1968
Gann, Eric Crump, B.A.	1950	George, Rowland Francis, B.D.S.	1923
Gann, Graham Dean, B.E.	1957	Gerard, Kenneth Edward, B.E.	1935
Cauzis, Nicholas, B.A.	1963	Gerhardy, Gordon John, B.A.	1962
Cara, Andrew Paul, B.Sc.	1968	Gerken, Dieter Ernst, B.A.	1968
Cara, William Balint, B.Sc.	1966	Gerken, Rosemarie, B.A.	1981
Carbaliauskas, Leonardas Raimundas, B.E.	1954	Gerlach, Rodney Vernon, B.Sc.	1967
Carbett, Carolyn Stewart, B.A.	1967	Gerlach, Max Johann, B.A.	1925
Carbett, Meredith Stewart, B.A.	1963	Gerlach, Stephen, LL.B.	1967
Carçon, Nicole, M.A. (Dip. d'Et. Sup., Poitiers, 1948)	1965	Gerner, Brian John, B.A.	1967
Gard, Jeanette Trush Brentnall, M.B., B.S.	1953	Gerny, Elma Seavington, B.Sc.	1936
Gardiner, Beauchamp Lennox, B.Sc.	1902	Gerny, John Seavington, M.E. (B.E., 1936)	1949
Gardiner, Philippa Margaret, M.B., B.S.	1942	Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
Gardini, Alessandro, B.Sc.	1962	Gerrard, Jeffrey Mark, M.B., B.S.	1965
Gardner, James Laurie, B.Sc.	1967	Gersteling, Harry, B.Sc.	1961
Gardner, John Henry, M.B., B.S.	1961	Gerussi, Wanda Pamela, B.A.	1968
Gare, Lloyd, B.Sc.	1932	Gervasi, Agostina Fausta, B.A.	1963
B.A.	1950	Gervasi, Ila Lydia, LL.B.	1961
Gare, Margaret Ann, B.Sc.	1967	Geytenbeek, David Robert, B.Sc.	1952
Garrad, Kenneth, Ph.D. (Cambridge, 1955)	1966	Geytenbeek, Peter Everard, B.Ag.Sc.	1950
Garran, Elisabeth Rosemary, B.A.	1954	Giam, Choo Huat, B.E.	1960
Garrett, David Mitchell, B.E.	1956	Gianakos, Eric Peter, B.Tech.	1963
Garrett, Dorothea Helene, B.A.	1934	Gibb, Kenneth Murray, B.E.	1942
Garson, Ronald Walter, B.A. (Sydney, 1956, Cambridge, 1958)	1960	Gibberd, Margaret, B.Sc.	1966
Cartelmann, Dieter, B.E.	1963	Gibberd, Robert William, Ph.D. (B.Sc., 1964)	1968
Cartelmann, Jorg, B.E.	1965	Gibberd, William Obed, M.Sc. (B.Sc., 1940)	1945
Garton, Anthony Norman, B.Ec.	1964	Gibbes, Alfred Francis Blower, B.Tech.	1960
Garton, Mary May, B.A.	1923	Gibbes, Elaine Frances Keele, M.B., B.S.	1953
Gartrell, Eric Frank, M.B., B.S.	1921	Gibbes (nee Wilson), Geraldine Margaret, B.A.	1961
Gartrell, Grant, B.Sc.	1964	Gibbes, Glen Erskine Giles, B.Tech.	1963
Gartrell, Peter, M.B., B.S.	1963	Gibbison, Marie Claire, B.Sc.	1951
Garwoli, Wolfgang, B.Tech.	1965	Gibbs, Allan George, B.E.	1933
Gascoine, Christopher Eric, B.Sc.	1965	Gibbs, Anthony Matthews, B.A. (Melbourne, 1956)	1960
Gascoine, Digby Frank, B.Ec.	1966	Gibbs, Betty Valmai, B.A.	1949
Gaskell, Joan Mary, B.A.	1945	Gibbs, Bruce Glanville, B.E.	1955
Gaston, Walter Garfield, M.B., B.S.	1953	Gibbs, David Norris, Ph.D. (London, 1955)	1958
Gates, Malcolm John, B.E.	1959	Gibbs, Glen Barker, LL.B.	1958
Gathercole, Frank John, B.Ag.Sc.	1962	Gibbs, Graham Rossiter, B.Ec.	1953
Gault, Estelle Ruth, B.Sc.	1914	Gent, John George Moyns, B.A.	1940
M.B., B.S.	1919	Gibbs, John Barry, B.E.	1965
Gault, Freda Steele, B.A.	1931	Gibbs, Malcolm Henry, B.Sc.	1958
Gault, Maisie Isabel Ogilvy, B.A.	1921	Gibbs, Margaret Isabel, B.Sc.	1962
Gavelis, Antanas, B.A.	1960	Gibbs, Ronald Malcolm, B.A.	1960

\* Deceased

Giblin, John, B.Sc.	1968	Gilmore, Vytautas, M.B., B.S.	1963
Gibson, Bramwell St. Clair, B.Tech.	1958	Ginos, Zisis, B.E.	1968
Gibson, Christine Mary, B.A.	1965	Giorgio, Antonio, M.B., B.S.	1956
Gibson, Douglas Barr, M.B., B.S.	1945	Girolamo, Mario, B.Sc.	1968
Gibson, Edmund Ralph Boyce, B.A.	1966	Gladigau, Rita Doreen, B.Ec.	1948
Gibson, Geoffrey Eric, M.B., B.S.	1965	Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951
Gibson, George Taylor, M.B., B.S.	1935	Glaessner, Vera Tamara, B.A.	1965
Gibson, Gladys Ruth, B.A.	1937	Glasson, Alan Raymond, B.Sc.	1964
Gibson, Graham Coyne, B.A.	1949	Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958
Gibson, Irene Jean, B.A.	1965	Glastonbury, Dudley Ivan, B.Sc.	1930
Gibson, Jennifer Ruth, B.A.	1967	B.A.	1933
Gibson, John Keith, B.A.	1962	Glastonbury, James Oliver Garnet, B.A. M.Sc. (B.Sc., 1928)	1932
Gibson, Malcolm Milne, B.A.	1956	Glastonbury, Keven, M.B., B.S.	1926
Gibson, Margaret Dawn, B.Sc.	1952	Glastonbury, Kevin Brian, M.B., B.S.	1963
Gibson, Margaret Elsbeth, B.A.	1967	Glastonbury, Ronda May, B.Sc.	1965
Gibson, Patricia Mary, B.A.	1960	Glastonbury, Susan Remfry, LL.B.	1966
Gibson, Pearl Sandra, B.A.	1968	Glastonbury, William Francis, M.B., B.S.	1964
Gibson, Robin Mallory, B.A.	1968	Glady, Ernest James, B.E.	1927
Giddings, Keith, B.A.	1962	Gledhill, John Douglass, B.E.	1952
Giersch, Leonard Ernst, B.A.	1940	Glencross, Denis John, M.Ed. (Western Australia, 1964)	1966
Gifford, Alfred Silva Harril, LL.B.	1922	Glendenning, Alan John, B.Sc.	1966
Gilbert, Allan Baxter, B.Tech.	1965	Glenn, Alan John, B.Ec.	1945
Gilbert, Anthony Roland, B.Sc.	1962	Glenn, Graham Gordon, B.A.	1958
Gilbert, Joan Marion, B.A.	1961	Glenn, Margaret Joy, B.A.	1958
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948	Glesinger, Marianne Antonie, M.B., B.S.	1953
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959	Glew, Elaine Frances, M.B., B.S.	1967
Gilbert, Stephen Hamilton, B.E.	1934	Glew, Geoffrey, M.B., B.S.	1967
Gilbertson, Nannette, B.A.	1951	Gliddon, Alfred Bertram Keith, M.B., B.S.	1948
Gilchrist, John, B.Sc.	1968	Gliddon, Edmund Barton, B.E.	1966
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959	Gliddon, William Aquilla Robert James, B.A.	1950
Gilchrist, Robert James, B.A.	1950	Glinka, Natalie, M.B., B.S.	1962
Gild, Albert, M.B., B.S.	1934	Glonek, Jan, B.Tech.	1962
Gild, David, M.B., B.S.	1938	Glover, Brian, B.Sc.	1945
Gilding, Cwadoline Fay, B.A.	1952	Glover, Henry Acraman, B.Ec.	1967
Gilding, Kevin Rex, M.A. (B.A., 1952)	1968	Glover, John Donald, B.Ec.	1968
Giles, Allan Leonard, Mus.Bac.	1950	Glover, Robert Deane, B.Sc.	1968
Giles, Cheryl Uneta, B.Sc.	1968	Glow, Lotte, Ph.D.	1964
Giles, David Lithgow, B.E.	1960	Glow, Peter Helmut, Ph.D. (London, 1958)	1960
Giles, Douglas Haynes, B.E.	1954	Ghuis, John, M.A. (B.A., 1911)	1922
Giles, Harold, B.A.	1911	Gluyas, Maxwell Allan, M.B., B.S.	1957
Giles, Ireton Elliot, B.A.	1897	Gluyas, Peter James, B.Tech.	1967
Giles, Jack Bernard, B.Sc.	1943	Gluyas, Richard John, B.D.S.	1956
Giles, John Robert, B.E.	1966	Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Giles, James Palmer, B.A.	1931	Glynn, Brian McMahon, LL.B.	1933
Giles, James Ramsay, B.A.	1959	Glynn, Denis McMahon, LL.B.	1929
Giles, Keith Emanuel, M.B., B.S.	1951	Glynn, Robert McMahon, M.B., B.S.	1919
Giles, Marilyn Joy, M.B., B.S.	1967	Gnansanmugan, Balasuntharam, B.E.	1959
Giles, Mortimer, LL.B.	1911	Goatcher, Philip Daniel, M.B., B.S.	1945
Giles, Nigel Stuart, B.Sc.	1905	Goble, James Roy, B.Tech.	1962
Giles, Peter Mortimer, B.E.	1953	Gobbett, Donald Lyon, B.A.	1961
Giles, William Ronald, B.Arch.	1966	Gobbett, Estelle Margaret, B.A.	1950
Gilfedder, Peter Thomas, B.A.	1961	Gobbett, Thelma Jean, B.A.	1959
Gillfillan, Geoffrey, B.Mus.	1968	Goddard, Peter Norman Lighton, B.Sc.	1945
Gillfillan, William Robert, B.E.	1948	Godfrey, Edward John Owen, M.B., B.S.	1962
Gill, Clarence William Cecil, B.A.	1934	Godfrey, James Cecil, B.E.	1914
Gill, John Bernard, M.A. (Melbourne, 1963)	1967	Godfrey, Kirke Charles, M.B., B.S.	1944
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913	Godfrey, Robert Charles, M.B., B.S.	1917
Gill, Peter Grantley, M.B., B.S.	1967	Godlee, Margery Rebecca, B.A.	1932
Gill, Raymond Harold, B.E.	1951	Godlee, Theodore, M.B., B.S.	1966
Gill, Richard Townshend, M.B., B.S.	1951	Godwin, John Robert, B.A.	1962
Gill, Robert Charles, B.Sc.	1957	Godwin, Suzanne, B.A.	1967
Gill, Rodney Trevor, B.Ec.	1961	Goh, Deu-Nee, B.Sc.	1966
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934	Goh, Hee Boon, B.Sc.	1964
Gillam, Leon George, M.B., B.S.	1954	Goh, Kim Kee, Ivy, B.Sc.	1965
Gillen, Robert Spencer, M.B., B.S.	1953	Goh, Men Hai, William, M.B., B.S.	1965
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1938)	1943	Goh, Teik Poh, B.Sc.	1964
Gillespie, Doris Pearl, B.A.	1940	Goh, Tong Hong, B.Sc.	1939
Gillespie, Elsie Jean Ann, B.A.	1935	Gold, Mervyn Roy, M.B., B.S.	1952
Gillespie, Frank Cecil, B.Sc.	1958	Gold, Ronald Geoffrey, M.B., B.S.	1949
Gillespie, Graeme James, M.B., B.S.	1966	Goldbeck, Rene Alice, M.B., B.S.	1937
Gillespie, William Charles, LL.B.	1927	Goldby, Frank, M.D. (Cambridge, 1936)	1951
Gillett, Bernard St. Patrick, M.B., B.S.	1928	Goldfinch, Arthur Leslie, B.Sc.	1961
Gillett, Mervyn Clem, LL.B.	1931	Goldfinch, Conway Peter, M.B., B.S.	1951
Gillham, Charles Alfred, B.A.	1911	Golding, Edmond William, B.A.	1951
Gillham, James Edgar, B.A.	1954	Golding, Phyllis May, B.A.	1967
Gilligan, John Eugene, M.B., B.S.	1961	Golding, Robin Joy, B.A.	1962
Gilliland, John Robert, B.Tech.	1965	Goldney, David Charles, B.Sc.	1968
Gillion, Kenneth Lowell Oliver, Ph.D. (Australian National University, 1959)	1963	Goldney, Robert Donald, M.B., B.S.	1968
Gillman, Albert Johan, B.Arch. (New Zealand, 1958)	1964	Goldsmith, David John, B.A.	1961
Gillman, Phyllis Constance, B.A.	1916	Goldsmith, Robert Eric Lewis, B.Sc.	1953
Gilmore, Hugh Robert, M.B., B.S.	1945	Goldsworthy, Arthur Clive, B.A.	1949
Gilmore, Jean, LL.B.	1934	Goldsworthy, David, B.A.	1960
		Goldsworthy, David John, B.A.	1960

\* Deceased



Goldsworthy, Eric Roger, B.Sc.	1950	Gower, Charlie James, B.A.	1954
Goldsworthy, Janice Julia, B.A.	1956	Gower, Jeffrey Stephen, M.B., B.S.	1964
Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930	Gower, Neville Martin, B.Tech.	1967
Goldsworthy, Lance Rodney, M.B., B.S.	1959	Gower, Robert Pierce, M.B., B.Sc.	1961
Goldsworthy, Leslie John, B.Tech.	1968	Gower, Stephen Newman, M.E. (B.E., 1964)	1968
Goldsworthy, Reuben, B.Sc.	1948	Grace, Muriel Jean, B.Sc.	1960
B.A.	1962	Gradussov, Alexis, B.A.	1958
Golin, Reg John, B.Sc.	1966	Graebner, David Carl, B.E.	1953
B.E.	1968	Graetz, Rodney Dean, B.Sc.	1962
Golinger, Donald, M.B., B.S.	1955	Graham, George Finlay, B.E.	1927
Gollan, John Lachlan, M.B., B.S.	1966	Graham, Janet Scott Douglas, Ph.D. (St. Andrews, 1956)	1960
Golledge, John Gouldhawke, M.B., B.S.	1954	Graham, John Raymond, M.B., B.S.	1962
Golley, Bruce Wilfrid, B.E.	1966	Graham, Mary Theresa, M.A. (B.A., 1929)	1933
Golley, Malcolm George, B.Sc.	1962	Graham, May Elisabeth, B.A.	1941
Golubovs, Ivars, B.Sc.	1965	Graham, Meredith May, B.A.	1962
Gomez, Rodolfo Mesina, M.Sc. (B.Tech., 1959)	1963	Graham, Neil David, B.E.	1968
Cong, Ngie Chuong, M.B., B.S.	1966	Graham, Roger Dean, B.E.	1950
Good, Brian Francis, Ph.D. (B.Sc., 1955)	1966	Graham, Rosemary Lorna, B.A.	1964
Good, Frances Helena, B.A.	1916	Gramp, Elizabeth June, B.Sc.	1968
Good, John Cosreve, B.A.	1967	Grant, Allan Kerr, M.B., B.S.	1947
Good, Richard John, B.E.	1953	Grant, Colin Kerr, B.Sc.	1931
Goodale, Peter Lewis, B.E.	1957	Grant, Donald Charles, M.B., B.S.	1961
Goodall, Colin Charles, B.A.	1968	Grant, Donald Kerr, M.B., B.S.	1942
Goodchild, Robin John, B.Sc.	1955	Grant, John McBain, M.Ec. (B.Ec., 1950)	1953
Goode, Alan Douglas Tracy, B.Sc.	1965	*Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901)	1911
Goode, Benjamin Ryall, M.B., B.S.	1947	Grant, Marjorie Ruth, B.A.	1930
Goode, Brian, B.A.	1968	Grant, Mary Raymond, M.Sc. (B.Sc., 1945)	1950
Goode, Christine Mary, B.A.	1967	Grant, Michael Charles, B.A.	1968
Goode, Harold Ralph, B.E.	1945	Grant, Richard Longford Thorold, M.B., B.S.	1918
Goode, Henry Arthur, M.B., B.S.	1938	Grant, Trevor Kirkpatrick, B.A.	1966
*Goode, John Reginald, B.Ag.Sc.	1937	Grantskalns, Erika Eve, B.A.	1965
Goode, Kenneth Burden, B.E.	1914	Grasso, Alfia Patrizia, B.A.	1966
Goode, Muriel Gertrude, Mus. Bac.	1911	Grasso, Rosario, M.Sc. (B.Sc., 1954)	1961
Goode, Philip Charles Ryall, M.B., B.S.	1939	Crastins, Dagnija, B.A.	1960
Goode, Thomas Britten, M.B., B.S.	1952	Crastins, Ilze, LL.B.	1965
Goode, Thomas Ryall, B.E.	1937	Gratton, Gordon Svdney, LL.B.	1950
Gooden, Brett Andrew, M.B., B.S.	1967	Gratton, Marshall Gladstone, M.B., B.S.	1941
Gooden, Edgar Whitridge, B.Sc.	1957	Gratton, Mephan John, B.E.	1934
Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955)	1958	*Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915)	1920
Gooden, John Stanley, M.Sc. (B.Sc., 1940)	1945	Grava, Andrejs, B.D.S.	1956
Gooden, Philip Compson, M.B., B.S.	1952	Grave, Keith Cyril, B.D.S.	1956
Gooden, Rosalind Mary, B.Sc.	1960	Graves, (nec Marshall), Jennifer Ann Marshall, M.Sc. (B.Sc., 1963)	1968
Goodenough, Trevor John, B.Sc.	1964	Gray, Alexander Frederick, B.Sc. (Eng.)	1942
Goodenough, Warwick William, B.A.	1953	Gray, Allan Hamilton, B.Sc.	1965
Goodes, William John, B.Sc.	1958	Gray, Allen Bruce, B.Sc.	1961
Goodhand, Gerald Arthur, B.Sc.	1965	Gray, Christopher Martinson, B.Sc.	1967
Goodhart, Mabel Flora, D.B.E., LL.B.	1927	Gray, Diana Joan, B.A.	1963
Goodhart, Richard Akhurst, M.B., B.S.	1941	Gray, Donald Mervyn, B.Ec.	1958
Goodman, Cyril William, B.E.	1915	Gray, Douglas Andrew, B.Sc.	1968
Goodrich, John Eric, M.Sc. (B.Sc., 1960)	1965	Gray, Eric William, B.A.	1931
Goodrich, Roy Stanley, B.Sc.	1953	Gray, Frederic Victor, M.Sc. (B.Sc., 1935)	1948
Goodridge, Malcolm John, B.Tech.	1963	Gray, Harvey Hamilton, B.Ec.	1949
Goodwin, Geoffrey Leonard, B.A.	1955	B.A.	1952
M.Sc. (B.Sc., 1951)	1959	Gray, Ian Howard, B.A.	1965
Goodwin, Robert Douglas, B.Sc.	1967	Gray, Jenifer Ruth, M.B., B.S.	1968
Goodwin, Bruce Rutherford, B.A.	1964	Gray, Keith Douglas, M.B., B.S.	1926
Gordon, Elizabeth Mary, B.Sc.	1964	Gray, Kerry Burton, B.Ec.	1967
Gordon, Ian Donald, B.E.	1959	Gray, Malcolm, B.Sc.	1966
Gordon, John Murray, Mus.Bac.	1953	Gray, Malcolm Forgan, LL.B.	1963
B.A.	1956	Gray, Maurice Chadwick, B.Sc.	1933
Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949	Gray, Neil Boon, Ph.D. (B.E., 1958)	1963
Gordon, Leslie Kenneth, LL.B.	1953	Gray, Rodney Leonard, M.E. (B.E., 1962)	1967
Gordon, Richard Douglas, M.D. (Queensland, 1966)	1967	Gray, Thomas Andrew, LL.B.	1968
Gordon, Robin Bruce, B.E.	1964	Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered)	1913
Gordon-Gardonyi, Steven, M.B., B.S.	1966	Gream, George Edward, Ph.D. (Cambridge, 1961)	1962
Coscombe, Peter Watson, B.Sc.	1959	Great, Barry Joseph, B.Tech.	1967
Goss, Barbara Ann, B.A.	1965	Grebneff, Maxim Manfred, B.D.S.	1968
Goss, Jacqueline Anne, B.Pharm.	1968	Green, Alan Elston, B.Sc.	1949
Goss, Mary Blanche, B.A.	1936	Green, Cynthia Joan, B.A.	1945
Goss, Maurice Lloyd, B.Sc.	1965	Green, Donald Clare, B.Sc.	1942
Goss, Noel Frederick, B.A.	1934	Green, Eric Norman, M.B., B.S.	1968
Goschalk, Kenneth George, B.Tech.	1968	Green, Harry Edward, M.E. (B.E., 1957)	1964
Gotjamanos, John, LL.B.	1962	Green, Herbert Sydney, D.Sc. (Edinburgh)	1952
Gotjamanos, Theo, M.D.S. (B.D.S., 1964)	1967	Green, Ian Edward Charles, B.A.	1963
Gottschall, Martin, M.E., (B.E., 1960)	1966	Green, Jennifer Lois, B.A.	1962
Gottsche, Graham, B.Tech.	1967	Green, John William, B.Sc.	1953
Gough, John Lewis, B.A.	1945	Green, Lawrence Goodwin, B.Ec.	1951
Gough, Paul Lancelot, B.Sc.	1964	Green, Leslie Colin, B.E.	1965
Gould, Ian Morris, B.Sc.	1962	Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958)	1960
Gould, Joseph Gordon, B.Sc.	1955	B.A.	1929
Gould, Murray William, B.E.	1959		
Gouldhurst, Peter Richard Stuart, M.D., (M.B., B.S., 1955)	1966		
Govenlock, James Coburn, Mus.Bac.	1943		

\* Deceased

Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951))	1961	Grimwade, Arnold Elliott, B.Sc.	1955
Green, Mary Patricia, B.Sc.	1954	Grivell, Anthony Robert, B.Ag.Sc.	1966
Green, Patricia Marie, B.A.	1959	Grivell, Baden John, B.E.	1958
Green, Peter Henry Jerome, LL.B.	1963	Grivell, Peter Desmond, M.B., B.S.	1956
Green, Peter Lewam, M.B., B.S.	1968	Gronthos, William Peter, B.Tech.	1965
Green, Ralph Noel, B.A.	1954	Grose, Claire, LL.B.	1968
Green, Richard Maslen, B.A.	1937	Gross, Gordon Flinders, M.Sc. (B.Sc., 1950)	1956
Green, Ronald Gordon, B.Sc.	1949	Gross, John William, B.A.	1966
Green, William Allan McInnes, B.E.	1928	Gross, Klem Bassett, B.E.	1924
Greeneklee, Anne, B.A.	1967	Gross, Patricia Mary, B.A.	1950
Greeneklee, Charles Sydney, B.Sc.	1964	Grosse, John Allan, B.A.	1958
Greenfield, Richard John, B.Sc.	1965	Grosser, Agnes Juliana Hulda, B.A.	1910
Greenfield, Vivian Hutchison, B.Sc.	1951	Grosvenor, Cyril, B.D.S.	1925
Greenhough, Arthur David, B.E.	1942	Grosvenor, Edna Mary, M.A. (B.A., 1921)	1926
Greening, Suzanne Margaret, B.A.	1968	Grote, Albert Walter, M.B., B.S.	1926
Greenland, Dennis James, Ph.D. (Oxford, 1955)	1960	Grote, Fay, M.B., B.S.	1956
Greenland, Patrick Cecil, M.A. (B.A., 1931)	1938	Grote, Keith Walter, B.D.S.	1956
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered)	1913	Grove, David Ian, M.B., B.S.	1967
Greenlees, Alan William, B.Sc.	1964	Grove, Richard Jeffrey, B.Arch.	1964
Greenlees, Rollo, M.B., B.S.	1937	Groves, Murielle Annis Clemland, B.A.	1937
Greenshields, Leonore Mary, B.Sc.	1966	Grubb (nee Hall), Elizabeth Adelaide Anne, M.Sc. (B.Sc., 1959)	1968
Greenslade, Noel Walter, B.Sc.	1960	Grubb, Yvonne, B.A.	1951
Greenslade, Robin Philip James, LL.B.	1965	Grund, Roger Bartram, B.Sc.	1966
Greenway, Harold, B.E. (B.Sc., 1906, surrendered)	1913	Grundy, Edward Lindley, B.Tech.	1966
Greenway, Hendrik, Ph.D.	1966	Grygorzewicz, Czeslaw, B.Sc.	1964
Greenway, Thomas Charles, B.Sc.	1900	Gubbay, Sasson Stephen, M.B., B.S.	1957
Greenwood, Robert Clifford, M.B., B.S.	1966	Gubbins, Heather Welch, B.A.	1950
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A.	1907	Gubbins, Michael Sydney, B.Sc.	1968
Greer, Henry Steven, M.D., (M.B., B.S., 1952)	1966	Gudkovs, Ariss, M.B., B.S.	1955
Greet, Elizabeth Bronwen, B.A.	1958	Guerin, Bruce, B.A.	1967
Greet, Frank Hamilton, B.A.	1953	Guerin, David Francis Davis, B.Tech.	1964
Greet, Norman George Frank, M.A.	1928	Guerin, Michael, M.B., B.S.	1964
Greet, Norman Stanley, B.A.	1965	Guerin, Robert Langley, M.B., B.S.	1957
Greet, Raymond James, B.A.	1957	Guerin, Ronald St. Clair, B.E.	1953
Gregerson, Jon Tore, LL.B.	1967	Guinand, Andrew Paul, B.Sc.	1932
Gregerson, Patricia Töre, B.Pharm.	1968	Guinand, Mimi Helen, B.A.	1938
Gregerson, William Gerald Jenkin, B.Ec.	1967	Guiney, David Charles, B.Sc.	1968
Gregory, Alan Gower, Ph.D. (Australian National University, 1962)	1967	Gulland, David Lumgair, M.B., B.S.	1955
Gregory, Cedric Errol, B.E.	1944	Gulland, Ian Ferris, M.B., B.S.	1956
B.A.	1954	Gülin, Roger Charles, M.B., B.S.	1967
Gregory, Janet Phillis, B.A.	1957	Gulliver, Charles William, B.E.	1963
Grenfell, Ian Henry, B.A.	1967	Gun, Richard Townsend, M.B., B.S.	1960
Greves, Prudence Joan, B.Sc.	1968	Gunaratnam, Daniel, B.E.	1962
Grevins, Juris, B.Sc.	1952	Gunn, Archibald Keith, B.E.	1956
Grewar, Lais Valerie, M.B., B.S.	1929	Gunn, Donald Malcolm, B.A.	1968
Gribble, Albert Elijah, M.B., B.S.	1929	Gunn, James Allan Baikie, B.A.	1959
Gribble, Cynthia May, B.A.	1962	Gunn, John Alexander, M.A. (Liverpool, 1919)	1926
Gribble, Michael De Gruchy, M.D. (D.M., Oxford, 1954)	1966	Gunn, Neil David, B.Ec.	1968
Grierson, Iain Thomas, B.Ag.Sc.	1968	Gunner, Perry Richard, B.Ag.Sc.	1968
Grierson, John James, B.E.	1937	Gunner, Susan Mary, B.Sc.	1966
Grieve, David Cameron, B.Arch.	1968	Gunning, Julianne Elizabeth Stannus, M.B., B.S.	1958
Grieve, Donald Edward, LL.B.	1966	Gunson, John Grattan, M.B., B.S.	1952
Grieve, Ian Charles, LL.B.	1953	Gunson, John Michael Morphet, M.B., B.S.	1938
*Griff, Bernard, LL.B.	1925	Gunton, James Donald, B.A.	1944
Griffin, Brian Richard, B.Ec.	1961	Guppy, Douglas James, B.Sc.	1943
Griffin, Danielle, B.A.	1949	Guppy (nee Knox), Joan Claudia, B.Sc.	1918
Griffin, Donald Ward, B.E.	1951	Gurner, Colin, M.B., B.S.	1942
Ph.D.	1966	Gurner, Colin Marshall, M.B., B.S.	1942
B.A.	1967	Gurner, Ralph William, B.Tech.	1963
Griffin, Gerald John, B.A.	1957	Gurner, Ruth Eleanor, B.Mus.	1965
Griffin, Kenneth Trevor, LL.B.	1962	Gurney, Harold Cyril, M.Sc. (B.Sc., 1930)	1932
Griffin, Neil Ralph, B.Tech.	1966	Gurr, Clifford George, B.Sc.	1947
Griffin, Peter Thomas, B.Sc.	1962	Gurr, Graham Edward, Ph.D. (B.Sc., 1956)	1962
Griffith, Jillian Margaret, B.A.	1967	Gurry, David Cyril, B.A.	1964
Griffiths, Anthony Royston Grant, M.A. (B.A., 1964)	1965	LL.B.	1967
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Guster, Allan Frederick, B.E.	1951
Griffiths, George Townsend, Mus.Bac.	1915	Guthaner, Ernst M.B., B.S.	1942
Griffiths, Pamela Ann, B.A.	1965	Guthrie, Leo Robert, B.Ec.	1966
Griffiths, Peter Royston, B.Ec.	1962	Guy, Robert William, Ph.D. (B.Sc., 1962)	1966
*Griffiths, Thomas Lester, LL.B.	1913	Guymer, Arthur Howes, M.B., B.S.	1915
Grigg, David Lindsay, B.Arch.	1964	Guymer, Ernest Albert, M.B., B.S.	1914
Griggs, Arden Michael, B.Arch.	1981	Guymer, Max William, M.B., B.S.	1947
*Griggs, Clarence Middleton, B.Sc.	1924	Gynther, Reginald Sydney, M.Ec.	1964
Griggs, James Middleton, B.E.	1949		
Grigson, Christopher James, B.Sc.	1966		
Grimes, Louisa Catherine, Mus.Bac.	1937		
Grimm, Raymond Clifford, B.Sc.	1965		
Grimmond, Mervyn John, B.Sc.	1968		

\* Deceased

## H

Ha, Yut Hung, Patrick, M.B., B.S.	1965
Haas, Christine Primula, B.Ag.Sc.	1965
Haas, Evelyn Fleur, B.A.	1967
Habib, Bernadette Dolores, M.B., B.S.	1954
Habich, Carl Gerhard, B.A.	1932
Habich, Carl Julius, B.E.	1930
Hack, Dianne Mary, B.A.	1968

Hack, Gulielma, B.Sc.	1961	Hambley, John William, B.Sc.	1967
Hackett, Cecil John, M.D. (M.B., B.S., 1927)	1935	Hambly, Francis Sutherland, B.Ec.	1957
Hackett, William Earle Reginald, M.D. (Dublin, 1949)	1968	Hambly, Peter Sutherland, B.A.	1957
Hackett-Jones, Francis Charles, B.E.	1965	Hambly, William Frank, M.A. (Melbourne)	1952
Hackett-Jones, Geoffrey Alexander, LL.B.	1966	Hamdani, Usman, B.E.	1968
B.A.	1967	Hamden, William Callih, M.B., B.S.	1953
Hackworthy, Harold Stewart, B.Sc.	1945	Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957
Haddad, Gerald Neil, Ph.D. (B.Sc., 1962)	1963	Hamdorf, Graham John, M.B., B.S.	1968
Haddow, Dennis James, B.Sc.	1968	Hames, Muriel Jean, B.A.	1941
Haddow, Graham James, B.Tech.	1961	Hames, William George, B.Arch.	1968
Haddow, Ian Hamilton, B.E.	1963	Hamilton, David Wyndham, M.B., B.S.	1959
Haddrick, Eric Murray, LL.B.	1954	Hamilton, Frank Alexander, B.E.	1941
Haddrick, Peter Donald, B.E.	1953	Hamilton, Geoffrey Raymond, B.A.	1967
Haden, John Forbes, B.A.	1953	Hamilton, Ian Ayliffe, M.B., B.S.	1924
Hadjandonis, George, B.Tech.	1964	Hamilton, Ian Michael, M.B., B.S.	1956
Haefner, Paul Clifford, Ph.D. (Leeds, 1957)	1959	Hamilton, Ian Scott, LL.B.	1951
Haese, Beth Theodora, B.A.	1947	Hamilton, Jean Anne, B.Sc.	1947
Haese, David Kinnear, LL.B.	1957	Hamilton, Margaret Berner, B.Sc.	1952
Haese, Ernst Alfred Wilhelm, B.A.	1943	Hamilton, Neil Joseph, B.Sc.	1965
Haese, Frederick Ernest Douglas, B.A.	1950	Hamilton, Reginald Hewgill, M.B., B.S.	1925
Haese, Robert Carl, B.Sc.	1966	Hamilton, Susan Kinley, B.A.	1962
Hagan, William Barry, B.Tech.	1965	Hamilton, William Murray, M.B., B.S.	1944
Hagley, Stephen Roderick, M.B., B.S.	1966	Hammer, Lindsay Dawn, B.A.	1966
Hagmeister, Karin Erika, M.B., B.S.	1964	Hammill, Robert Duncan, M.B., B.S.	1942
Hague, John Stanley, B.A.	1956	Hammond, Brian George, B.Sc.	1957
Hague, Ralph Meyrick, LL.B.	1932	Hammond, Henry Grant, M.B., B.S.	1944
Hahn, Hurdle William, B.A.	1933	Hammond, John Michael, M.Sc.	1958
Hahne, Gerd Reinhard, B.A.	1968	Hamon, David Peter George, Ph.D. (Southampton, 1962)	1966
Haigh, Gary John, B.Sc.	1967	Hamp, Frances Marian, M.B., B.S.	1925
Haines, Allan Kenneth, B.Sc.	1968	Hampel, Elizabeth Anne, B.A.	1968
Haines, Colin Edward, B.Ag.Sc.	1941	Hampel, Lylal Herbert, B.A.	1966
Haines, David Albert, M.B., B.S.	1962	Hamra, Kameel Lawrence, M.B., B.S.	1958
Haines, Ian Crenville, B.Sc.	1965	Hamze, Francois, M.B., B.S.	1966
Haines, Murray David, B.E.	1947	Hanckel, John Erhard, B.E.	1964
Haines, Murray Rex, B.Arch.	1967	Hancock, Deane Glenn, B.Sc.	1964
Haines, Paul, B.A.	1963	Hancock, George Alfred, M.A. (B.A., 1901)	1909
Haines, Peter David, B.E.	1960	Hancock, James Russell, B.Sc.	1941
Haines, Peter Gordon, B.Sc.	1968	Hancock, John Owen, M.B., B.S.	1952
Haines, Norman Lindsay, B.A.	1947	Hancock, Jonathan Yeatman, M.B., B.S.	1959
Hains, Ivan Coronel, M.B., B.S.	1911	Hancock, Keith Jackson, Ph.D. (London, 1959)	1960
Hains, John Daniel, M.B., B.S.	1966	Hancock, Richard Russell, B.E.	1958
Hains, Robert Myer, M.B., B.S.	1940	Hancock, Robert Francis, B.Sc.	1968
Hainsworth, David Roger, M.A. (Oxford, 1960)	1966	Hancock, Trevor John, B.Tech.	1966
Hakendorf, Andrew John, M.B., B.S.	1929	Hancock, William Andrew, B.Sc.	1924
Haldane, Alexander David, B.Sc.	1949	Hancock, Sir William Keith, M.A. (Oxford, 1930)	1931
Hale, Malcolm Robert, Ph.D. (B.E., 1962)	1968	Hancock, William Stephen, B.Sc.	1966
Hale, Robert Palmer, M.Sc. (B.Sc., 1954)	1966	Hand, Maryleigh, B.A.	1968
Hall, Alfred Daniel, M.A. (Oxford)	1914	Handley, Donald Alfred, M.B., B.S.	1953
Hall, Andrew Robert Fishburn, LL.B.	1968	Handley, Douglas Victor, M.B., B.S.	1965
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956	Handley, Harold Arthur, M.B., B.S.	1951
Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922	Handley, Joan Marie, M.B., B.S.	1955
Hall, Christopher John, M.B., B.S.	1963	Handsworth, John Leonard, M.B., B.S.	1965
Hall, Clive Rhys, B.Sc.	1968	Handy, Helen Ellice, M.B., B.S.	1964
Hall, Derek Charles, B.Tech.	1968	Hankel, Barbara Joan, B.A.	1954
Hall, Donald Richard, M.B., B.S.	1959	Hankel, Valmai Audrey, B.A.	1967
Hall, Franklin George, B.Sc.	1965	Hann, Christopher Sinclair, M.Sc. (B.Sc., 1962)	1968
Hall, Frederick Leonard, B.Ec.	1955	Hann, Dawson Sinclair, B.A.	1968
Hall, Geoffrey Charles, B.D.S.	1958	Hanna, Geraldine Mary, B.Sc.	1968
Hall, Graham Richard, B.Tech.	1965	Hanna, Ian, M.A. (Leeds, 1964)	1968
Hall, Jocelyn Rosemary, B.A.	1948	Hanna, Marshall John Dawson, M.B., B.S.	1962
Hall, John McGregor, B.Sc.	1963	Hanna, Mary Louise, LL.B.	1965
Hall, Marjorie Gertrude, Mus.Bac.	1931	Hanna, Robert Graham, B.Tech.	1960
Hall, Norman Bruce, M.B., B.S.	1917	Hannaford, Brian Douglas, B.Sc.	1945
Hall, Robert Darwin, B.E.	1956	Hannaford, Ian Geoffrey, B.Arch.	1963
Hall, Robin Dennis, B.Sc.	1965	Hannaford, Walter Kingsley, B.Tech.	1965
Hall, Terry Marsden, B.Sc.	1967	Hannam, Alan Gordon, B.D.S.	1962
Hall, Valerie Lois, B.Sc.	1962	*Hannan, Albert James, M.A. (B.A., 1909)	1914
Hall, William Oswald James, B.Sc.	1950	LL.B.	1912
Halleday, John Arthur, B.Sc.	1966	Hannan, Clare Reginald, LL.B.	1922
Halleday, Monika, B.A.	1968	Hannan, Ian Ignatius, B.E.	1949
Hallett, Evan Charles, M.B., B.S.	1947	LL.B.	1958
Hallett, Harold Sinclair, B.E.	1932	Hannan, John Spencer, LL.B.	1958
Hallett, Janet Cameron, B.A.	1967	Hannan, Mignonette Elizabeth, LL.B.	1955
Hallett, Joan, B.Sc.	1960	Hannan, Myles Bertram, B.A.	1965
Hallett, Reginald Thomas, B.E.	1938	Hannath, Brian Kingsley, B.D.S.	1968
Halley, Winifred, M.B., B.S.	1960	Hanney, Rexford John, B.A.	1966
Halliday, Kenneth Walker, B.Ec. (Sydney, 1965)	1966	Hannon, Dennis Francis, M.B., B.S.	1942
Haloran, Noel, M.B., B.S.	1953	Hannon (née Lewis), Gweneth Elizabeth, B.D.S.	1932
Halse, Robert William, B.Tech.	1964	Hannon, Pauline Mary, B.D.S.	1963
Halsey, Trevor Geoffrey, B.A.	1965	Hansberry, Gerald Maxwell, M.B., B.S.	1958
Halwax, Karoly, M.B., B.S.	1959	Hansberry, John Pierce, B.A.	1945
Hamalainen, Heikki Antero, B.Sc.	1968	Hansberry, Mary Estelle, B.Sc.	1951
Hamann, Keith Maurice, B.Sc.	1953	B.A.	1954
Hambidge, Margaret Cecile, B.A.	1935		

\* Deceased

Hansberry, Sara, B.A. - - - - -	1962	Harris, Dominic Richard, B.Tech. - - - - -	1959
Hansen, Ian Alfred, Ph.D. (B.Sc., 1948) - - - - -	1956	Harris, Donald Dunstan, M.A. (B.A., 1928) - - - - -	1929
Hansen, Ian Victor, B.A. - - - - -	1950	Harris, Donald Ernest, B.Tech. - - - - -	1960
Hansen, John Charles, B.A. - - - - -	1967	Harris, Dorothy Mary, B.A. - - - - -	1919
Hansen, Ruth, B.Sc. - - - - -	1956	Harris, Dudley Andrew, B.A. - - - - -	1938
Hansford, Clifford Gerald, D.Sc. (Cambridge) - - - - -	1952	Harris, Elizabeth Ann, B.A. - - - - -	1964
Hanson, Bertram Speakman, M.B., B.S. - - - - -	1928	Harris, Ellis George, B.Sc. - - - - -	1966
Hansson, Thomas Anthony Speakman, M.B., B.S. - - - - -	1959	Harris, Frank Randall, B.Ec. - - - - -	1955
Hansson, Helgi, M.B., B.S. - - - - -	1964	Harris, Grantley Bruce, LL.B. - - - - -	1967
Haq, Muhammad Shamsul, Ph.D. - - - - -	1967	Harris, Howard Robert, B.E. - - - - -	1965
Harahap, Salman Paris, B.E. - - - - -	1968	Harris, Ian Antrobus, M.B., B.S. - - - - -	1949
Harbison, Alan Thomas, M.B., B.S. - - - - -	1927	Harris, James Dunbar, M.B., B.S. - - - - -	1953
Harbison, John Henry, M.B., B.S. - - - - -	1949	Harris, Jack Ronald, M.Sc. (B.Sc., 1943) - - - - -	1951
Harbison, Peter Alan, M.B., B.S. - - - - -	1953	Harris, John, M.B., B.S. - - - - -	1924
Harbison, William Arthur, B.E. - - - - -	1938	Harris, John Alfred, B.Sc. - - - - -	1962
Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956) - - - - -	1959	Harris, John Charles, B.E. - - - - -	1967
Harders, Clarence Waldemar, LL.B. - - - - -	1944	Harris, John Ernest, B.E. - - - - -	1949
Harding, Florence Mary, M.A. (N.Z., 1932) - - - - -	1949	Harris, John Vivian, B.A. - - - - -	1966
Harding, Harry William John, B.Sc. - - - - -	1967	Harris, Kenneth Robert, B.Sc. - - - - -	1965
Harding, John Ross, B.Ec. - - - - -	1968	Harris, Lorna Muriel, B.A. - - - - -	1934
Harding, Philip Ernest, B.Med.Sc. - - - - -	1962	Harris, Michael Charles, LL.B. - - - - -	1963
Hardy, M.B., B.S. - - - - -	1965	Harris, Michael Eric, B.Arch. - - - - -	1967
Harding, Phillip Reginald, M.B., B.S. - - - - -	1966	Harris, Neville Dean, B.A. - - - - -	1968
Harding-Anders, Robert Henry, B.Ec. - - - - -	1967	Harris, Peter Gordon, B.Ec. - - - - -	1964
Hardy, Alfred Burton, LL.B. - - - - -	1898	Harris, Raymond John, B.Sc. - - - - -	1967
Hardy (nee Beckwith), Anne Caroline, M.Sc. (B.Sc., 1944) - - - - -	1947	Harris, Richard James, B.Pharm. - - - - -	1968
Hardy, Douglas, M.B., B.S. (M.B., Ch.B., Edinburgh, 1951) - - - - -	1968	Harris, Robert Oxenberry, B.Ec. - - - - -	1958
Hardy, Evan Lovell, B.E. - - - - -	1935	Harris, Robert Wayne, B.Sc. - - - - -	1968
Hardy, John Evans Simpson, M.B., B.S. - - - - -	1945	Harris, Roger Lawrence Newton, Ph.D. (B.Sc., 1960) - - - - -	1964
Hardy, John Howard, B.A. - - - - -	1955	Harris, Ross Dunstan, B.A. - - - - -	1966
Hardy, John Scott, LL.B. - - - - -	1926	Harris, Shirley Joyce, B.A. - - - - -	1938
Hardy, Mabel Phyllis, B.A. - - - - -	1914	Harris, Sophie Dora, B.A. - - - - -	1928
Hardy, Thomas Walter, B.Sc. (Eng.) - - - - -	1947	Harris, Wayne Kingsley, B.Sc. - - - - -	1963
Hare, Robert McKay, M.B., B.S. - - - - -	1962	Harris, William Brocas, B.Ag.Sc. - - - - -	1947
Harfield, Anthony Lewis, B.A. - - - - -	1968	Harris, William Patrick, M.B., B.S. - - - - -	1938
Hargrave, John Charles, M.B., B.S. - - - - -	1954	Harrison, Anthony Frederick, Ph.D. - - - - -	1968
Hargrave, Nathaniel Charles, LL.B. - - - - -	1938	Harrison, Denis Maxwell, LL.B. - - - - -	1964
B.A. - - - - -	1939	Harrison, Geoffrey John, B.Arch. (Sydney, 1951) - - - - -	1959
Hargreaves, Graham Morris, B.Sc. - - - - -	1967	Harrison, Howard Raymond, B.Sc. - - - - -	1948
Harker, Cathryn Anne, B.Sc. - - - - -	1968	B.A. - - - - -	1955
Harkness, Robert, B.A. - - - - -	1907	Harrison, Jack, B.Ec. - - - - -	1959
Harley, David George, B.E. - - - - -	1953	Harrison, Marie Elizabeth, B.A. - - - - -	1966
Harley, James Froome, M.B., B.S. - - - - -	1951	Harrison, Mark, LL.B. - - - - -	1965
Harley, John Maxwell, LL.B. - - - - -	1968	Harrison, Peter Linden, B.E. - - - - -	1959
Harley, Marjory, B.A. - - - - -	1925	Harrison, Robyn Maxime, B.Sc. - - - - -	1967
Harley, Peter Ash, B.E. - - - - -	1956	Harrison, Tom Scott, B.Tech. - - - - -	1964
Harman, Christopher John, B.Sc. - - - - -	1965	Harrison, Walter, B.A. - - - - -	1929
Harman, Lewis Clive, B.D.S. - - - - -	1953	Harris, Henry Thomas, B.A. - - - - -	1966
Harman, Ray, B.Ec. - - - - -	1959	Harrold, Colin Morse, M.B., B.S. - - - - -	1953
Harman, Robert Allan, B.Ec. - - - - -	1967	Harrop, Clifford John Francis, B.Sc. - - - - -	1965
Harms, John Eric, M.Sc. (B.Sc., 1951) - - - - -	1960	Harry, Antony Romilly, LL.B. - - - - -	1961
Harms, Lois Philippa, M.B., B.S. - - - - -	1948	B.A. - - - - -	1965
Harnstorff, Ian Arnold, B.A. - - - - -	1961	Harry, Arthur Hartley, B.A. - - - - -	1901
Harniman, William Ronald, LL.B. - - - - -	1936	Harry, Geoffrey Courtenay, LL.B. - - - - -	1925
Harper, Anthony, LL.B. - - - - -	1926	Harry, Grant Varley, B.E. - - - - -	1953
Harper, Brian John, B.Tech. - - - - -	1961	Harry, Irene Pearl, B.A. - - - - -	1915
Harper, Brian Youl, B.A. - - - - -	1965	Harry, Romilly Carveth, LL.B. - - - - -	1929
Harper, Judith Mary, M.B., B.S. - - - - -	1957	Harry, Timothy Romilly, LL.B. - - - - -	1966
Harper, Roger Michael, B.Sc. - - - - -	1963	Hart, Arthur Maxwell, B.A. - - - - -	1950
Harper, Ronald George, B.A. - - - - -	1938	Hart, David Henderson, B.Sc. - - - - -	1942
B.Ec. - - - - -	1947	Hart, Gavin, B.Sc. - - - - -	1960
Harrex, Sydney Church, M.A. (Tasmania, 1962) - - - - -	1966	Hart, John Austin, B.E. - - - - -	1961
Harries, John Robathan, B.Sc. - - - - -	1963	Hart, Mary Margaret, B.A. - - - - -	1968
Harries, Peter Richard, B.Ec. - - - - -	1966	Hart, Monica Josephine, B.A. - - - - -	1968
Harries, Robert Ian, B.Ec. - - - - -	1964	Hartill, Graeme Donald, M.B., B.S. - - - - -	1955
Harrington, Colin, B.A. - - - - -	1947	Hartley, Barrie Clifford, B.A. - - - - -	1968
Harrington, Enid Gretta, B.A. - - - - -	1950	Hartley, Douglas Glen, B.Tech. - - - - -	1961
Harrington, Joan Margaret, B.Sc. - - - - -	1945	Hartley, Kenneth John, B.Tech. - - - - -	1967
Harrington, Reginald Frank, B.D.S. - - - - -	1943	Hartmann, Galia Lynnette, B.A. - - - - -	1964
Harrip, Brian John, B.A. - - - - -	1950	Hartshorne, Brian Herbert, M.B., B.S. - - - - -	1952
Harris, Allan Cuthbert, B.Sc. - - - - -	1923	Hartshorne, James Bruce, B.Sc. - - - - -	1963
Harris, Beryl Ruth, B.A. - - - - -	1935	Hartwig, Ivan David, B.Tech. - - - - -	1959
Harris, Bryan Marcus, B.Sc. - - - - -	1965	Hartwig, Mervyn Carl, Ph.D. (B.A., 1961) - - - - -	1967
Harris, Cecil George, B.A. - - - - -	1951	Hartwig, Robert Eduard, Ph.D. (B.Sc., 1962) - - - - -	1967
Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924) - - - - -	1959	Hartwig, William Lawrence, B.Ec. - - - - -	1967
Harris, Clare Sparkes, LL.B. - - - - -	1925	Harvey, Alison, B.A. - - - - -	1938
Harris, Colin Raymond, B.A. - - - - -	1967	Harvey, Bernice Enid, Mus.Bac. - - - - -	1928
Harris, David Hall, M.B., B.S. - - - - -	1942	Harvey, Christine Alice, B.A. - - - - -	1955
Harris, David John, M.B., B.S. - - - - -	1952	Harvey, Dean Lawrence, B.Sc. - - - - -	1947
Harris, David William, B.A. - - - - -	1963	Harvey, Faith Fairbank, Mus.Bac. - - - - -	1925
Harris, Deborah Ann, LL.B. - - - - -	1966	B.A. - - - - -	1936
Harris, Digby Ian, M.B., B.S. - - - - -	1963	Harvey, Frederick George, M.A. (Yale, 1934) - - - - -	1934
		Harvey, John Whittle, B.Ec. - - - - -	1963
		Harvey, Joseph Leonard, B.Tech. - - - - -	1960
		Harvey, Mary Mignon Owen, B.A. - - - - -	1936
		Harvey, Raymond Hynson, B.E. - - - - -	1936
		Harvey, Richard Gilbert Mungo, B.Ag.Sc. - - - - -	1948

\* Deceased

Harvey, Robert Lindsay, B.A.	1968	Hayward, John, B.E.	1953
Harvey, Terence Victor, B.Sc.	1967	Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936
Harvey, Wilbur Henry, B.E.	1955	Hayward, Judith Marie, B.Sc.	1959
Harvie, Sydney Haral, B.Sc.	1927	Hayward, Lancelot Alfred, M.B., B.S.	1914
Harwood, Denis Arthur, B.Sc.	1960	Hayward, Norman William, B.A.	1960
Harwood, John William, M.B., B.S.	1953	Hayward, Thomas Ronald, B.Ec.	1949
Harwood, Keith, B.Sc.	1966	B.A.	1953
Haselgrove, Harold Frederick, M.B., B.S.	1946	Hayward, Walter Richard, B.A.	1934
Haselgrove, Helene Martha, B.A.	1923	Haywood, Edward Francis, M.B., B.S.	1952
Haselgrove, Janet Storrie, B.Sc.	1950	Head, John Graeme, B.Ec.	1954
Haselgrove, Maxwell Keith, B.Sc.	1968	Head, Malcolm Gordon, B.Tech.	1958
Haselgrove, Richard Frederick, B.Ag.Sc.	1959	Heading, Christopher, M.B., B.S.	1964
Haselgrove, Wilfred Eric, B.E.	1937	Heading, Keith Edward George, B.Sc.	1930
Haseloff, Milton Conrad, B.A.	1956	B.A.	1938
Hasenohr, David, B.Sc.	1951	Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900
Hasenohr, Edward, B.A.	1938	Hearfield, Cynthia Rosalie, LL.B.	1966
Hasenohr, Geoffrey, M.B., B.S.	1948	Hearfield, Ian Venters, B.Sc.	1960
Hashim bin Mohammed Salleh, B.E.	1965	Healey, Derek Thomas, M.A. (Oxford, 1957)	1967
Haskard, Donald Leith, B.E.	1962	Healey, John David, B.A.	1968
Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925)	1936	Healy, Anthony Hodgins, B.D.S.	1952
Haskard, Ian Kenneth, B.Tech.	1966	Healy, Peter, B.Sc.	1948
Haskard, John Rex, B.Sc.	1950	Healy, Vincent Michael, B.Sc.	1939
Haskard, Malcolm Rosswyn, M.E. (B.E., 1959)	1964	Heanes, Dennis Lloyd, B.Sc.	1966
Haslam, Christopher Osborne, B.Sc.	1958	Heard, Kenneth Harold, M.B., B.S.	1936
Haslam, Denise Allison, B.Sc.	1953	Heard, Lyall Scott, B.Sc. (Eng.)	1944
Haslam, Gavin Morris, B.A.	1968	Heard, Malcolm Keith, B.Tech.	1960
Haslam, Jonathon Alaneil, B.A.	1964	Heard, Terrence George, B.Ag.Sc.	1959
Haslam, Margaret Martha, M.B., B.S.	1935	Hearn, Anthony Clem, B.Sc.	1958
Haslam, William Ross, B.Ec.	1967	Hearn, Milton Thomas William, B.Sc.	1965
Haslow, Peter Patrick, M.B., B.S.	1964	Heaslip (nee Shorney), Barbara Kate, B.A.	1928
Hassan, Alfred, B.Ag.Sc.	1968	Heaslip, William Gordon, M.B., B.S.	1929
Hassell, David Colin, B.Arch.	1968	Heath, Carol Ann, B.A.	1964
Hassell, Frank Colin, B.E.	1933	Heath, George Ross, B.Sc.	1960
Hassell, Kathleen Lilian, M.A. (B.A., 1923)	1927	Heath, Ian Stewart, B.Sc.	1965
Haste, Mary Joan, B.A.	1941	Heath, Neil Stewart, Ph.D.	1955
Haste, Reginald Arthur, B.Sc.	1911	Heath, Ronald Bertram, B.E.	1941
M.B., B.S.	1914	Heath, Trevor James Gartrell, B.A. (Cambridge, 1928)	1928
Hastings, Margaret Claire, M.B., B.S.	1958	LL.B.	1932
Hastwell, Colin Brooke, B.E.	1963	Heaton, Herbert, M.A. (Leeds, 1912)	1918
Hastwell, Peter John, B.App.Sc.	1966	Heaton, John Frederick, B.Sc.	1966
Hatch, John Harvey, B.A. (Exeter, 1963)	1967	Heaysman, Clive, M.B., B.S.	1958
Hatwell, Neville, B.A.	1966	Hebart, Armin William, B.Sc.	1944
Haupt, Peter Frederick, B.Sc.	1967	Hebart, Ernst, B.A.	1966
Hauser, Michael, B.A.	1964	Hebart, Hans Friedemann, M.A. (B.A., 1961)	1966
Hauser, Robin, B.Arch.	1963	Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932
Hawes, Brian Richard Albert, B.E.	1953	Hebart, Werner Friedrich, B.A.	1934
Hawke, Cynthia Joy, B.A.	1957	Hecker, Joyce, B.A.	1955
Hawke, Darryl Roger, B.A.	1966	Hecker, Olive May, B.A.	1954
Hawke, David Richard, B.E.	1965	Hecker, Robert, M.D. (M.B., B.S., 1947)	1956
Hawke, John Burton, M.B., B.S.	1954	Heddle, Frederic French, M.B., B.S.	1935
Hawke, John Gardner, B.Sc.	1954	Heddle, Margaret Ann, B.A.	1966
Hawke, Vivian Lee, M.B., B.S.	1946	Heddle, Robert Charles, M.B., B.S.	1942
Hawken, Doris Marguerite, B.A.	1917	Heddle, Shirley, B.A.	1947
Hawker, Elizabeth Julie Seymour, B.A.	1942	Hedger, Dorothy Mavis, B.A.	1936
Hawker, Geoffrey Nelson, B.A.	1964	Hedger, Joy West, Ph.D. (B.Sc., 1959)	1965
Hawker, John Seth, Ph.D. (B.Sc., 1956)	1962	Hefford, Ronald Keith, M.Ec. (B.Ec., 1956)	1962
Hawkes, Joan Muriel, B.A.	1955	Heggie, John Maurice, B.Sc.	1967
Hawkes, Michael John, M.B., B.S.	1967	Heidenrich, George Bernhard Franz, B.A.	1944
Hawkes, Raymond, B.A.	1968	Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949
Hawkes, Rose Adeline, B.A.	1928	Heigl, Manfred, B.Tech.	1967
Hawkins, Frederick James, LL.B., B.A.	1942	Heinemann, Mary Josephine, B.A.	1948
Hawkins, Henry Stuart, B.Ag.Sc.	1956	Heinemann, Mervyn Lambert, B.A.	1940
Hawryszkiewicz, Igor Titus, M.E. (B.E., 1961)	1965	Heinjus, David Frederick, B.Tech.	1960
Hawryszkiewicz, Peter, B.Sc.	1965	Heinonen, Pauline Dawn, B.A.	1966
B.E.	1967	Heinrich, Alison May, B.A.	1965
Hay, Gordon Stuart Baron, M.B., B.S.	1958	Heinrich, Harold Gordon, B.Ec.	1956
Hay, Judith Alison Ruth, M.B., B.S. (Sydney, 1950)	1962	Heinrich, Jeff Dean, B.Sc.	1949
Hay, Lorna Marion, B.A. (Melbourne, 1947)	1966	Heinrich, Kevin John, B.Sc.	1962
Hay, Trevor Thomas, B.A.	1968	Heinrich, Maxine Valmae, B.A.	1968
Hayball, John Frederick, B.Sc.	1958	Heinrich, Robert Glen, B.Ec.	1968
Haydon, Anthony Peter, B.A.	1961	Heint, Sven Eric Thomas, M.B., B.S.	1968
Haydon, Donald George, B.A.	1961	Heintze, Leonore Joy, B.A.	1966
Haydon, Noel Anthony, B.Sc.	1967	Heithersay, Geoffrey Sinclair, M.D.S., (B.D.S., 1958)	1966
Haydon, Robert James, B.Tech.	1961	Heithersay, Ian Campbell, B.E.	1966
Hayes, Helen Margaret, B.A.	1963	Heithersay, Stuart Dean, B.App.Sc.	1966
Hayes, Horace Townsend, M.B., B.S.	1936	Heitmann, Dorothea Smith, M.B., B.S.	1949
Hayford, John Ralph, B.E.	1968	Heitmann, John Smith, M.B., B.S.	1951
Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958	Helme, Patricia Ann, B.Sc.	1964
Hayman, Noel, B.A.	1968	Heily, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957
Haynes, James Dalrymple, B.A.	1950	Hemingway, Peter Cunliffe, B.Sc.	1949
Haynes, Jennifer May, LL.B.	1967	Hemmerling, Malcolm Brian, B.Sc.	1968
Hayter, Robert John, B.Sc.	1963	Hemphill, John Henry, B.Tech.	1967
Hayward, Edward Leo, LL.B.	1925		

\* Deceased



Henbest, Thomas John, M.B., B.S.	1966	Hewlett, Robert Ian, M.B., B.S.	1968
Hender, Noel Rex, B.A.	1966	Hewton, Anthony Walter, B.Sc.	1957
Henderson, Douglas Warrington, M.B., B.S.	1966	Hewton, David Dare, B.Sc.	1968
Henderson, Eric Malcolm, B.E.	1932	Heydrich, Hans, B.E.	1968
Henderson, Ian Douglas, B.Tech.	1968	Heyne, Carl William, B.D.S.	1949
Henderson, James Young, B.Ec.	1961	Heyne, Janet Marie, B.A.	1966
Henderson, Leonard Ross, B.Ec.	1949	Heyne, Ida Marie, B.A.	1916
Henderson, Margaret Anne, B.A.	1966	Heyne, Laura Olga Hedwig, M.A.	1917
Henderson, Margaret Evelyn, B.A.	1956	Heysen, Peter David Hans, M.B., B.S.	1967
Henderson, Murray Scott, M.Ec. (B.Ec., 1962)	1966	Heyward, Marie Louise, B.A.	1941
Henderson, Roland, LL.B.	1926	Heywood, Derrick Samuel, B.Ec.	1968
Henderson, Ronald George, M.E. (B.E., 1957)	1962	Hiatt, Jack Thomas, LL.B.	1947
Henderson-Wilson, David, LL.B.	1968	B.Ec.	1948
Hendrick, Jane Margaret, B.A.	1968	Hibbert, Kevin Malcolm, B.E.	1953
Hendrickson, Douglas Buxton, M.B., B.S.	1941	Hickey, Kathleen Veronica, B.A.	1945
Hendriksen, Cornelis, M.B., B.S.	1965	Hickinbotham, Alan David, B.Sc.	1949
Henman, Ralph Sampson, B.Tech.	1967	Hickman, Raymond John St. Clair, B.Sc.	1966
Hennessey, Brian Michael, B.Ec.	1965	Hicks, Barry Leon, M.B., B.S.	1962
Hennessey, Denis Xystus Roche, B.Sc.	1964	Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1926
Henning, Bronwyn Christine, B.A.	1967	M.D. (M.B., Ch.B., N.Z., 1923)	1936
Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959	Hicks, Dene Alan, M.B., B.S.	1948
Henning, Graydon Read, B.Ec.	1961	Hicks, Edward Paul, M.B., B.S.	1951
B.A.	1964	Hicks, Francis Gibson, LL.B.	1915
Henningsen, Marcus, B.E.	1952	Hicks, Harry Ernest, B.Tech.	1962
Hennoste, Mart, M.B., B.S.	1968	Hicks, John Buchanan, B.Sc.	1960
Henschke, Cheryl Anthea, B.Sc.	1968	Hicks, Michael D'Arcy Stanton, M.B., B.S.	1962
Henschke, Lawrence Ronald, B.E.	1951	Hicks, Neil Dennis, M.D. (M.B., B.S., 1948)	1960
Henschke, Norman Frederick, B.Sc.	1952	Hicks, Neville Derrington, B.A.	1967
Hensel, David John, B.E.	1962	Hicks, Peter George, B.Ag.Sc.	1961
Hensel, Gordon Maxwell, B.Sc.	1951	Hicks, Ronald Pettinger, B.Ec.	1960
Henshaw, Ian Ferguson, B.Sc.	1966	Hicks, Warren Roseveare, B.Sc.	1944
Herath, Meewakkala Mudiyanseelage Jinadasa Willehad, B.Sc.	1955	Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956
Herbert, Eileen Audrey, B.A.	1964	Hiern, Maurice Noel, B.Sc.	1952
Herbert, Gilbert, M.Arch. (Witwatersrand, 1956)	1962	Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949)	1954
Herbert, Peter Jeffrey, B.Sc.	1967	Higbed, David John, B.Ec.	1964
Herbert, Septimus Giffen Mills, B.Sc.	1949	Higbed, Jonathan Peregrine, B.Ec.	1968
Herbst, Kazimierz, B.Tech.	1962	Higginbottom, Edwin Corlett, B.A.	1920
Hercus, Robert William, B.E.	1959	Higginbottom, Edwin John, B.Ec.	1950
Herendi, John, B.A.	1966	Higgins, Alan Leslie, B.E.	1953
Hergstrom, Ingrid Anne, B.Sc.	1968	Higgins, Alfred James, B.A.	1930
Heritage, Enid Helena, B.A.	1961	Higgins, Bruce Ashley, M.B., B.S.	1956
Herman, Eugene, B.A.	1960	Higgins, Janine Margaret, B.Ec.	1963
Hernes, Clarence Lindsay, LL.B.	1951	Higgins, John William, B.A.	1957
Heron, Ian Craig, B.Sc.	1962	Higgins, Raymond Hugh Edward, B.Ec.	1956
Herriman, Michael Lawrence, B.A.	1966	Higgs, Edward Davies, B.Ag.Sc.	1950
Herriman, Peter Anthony John, LL.B.	1966	Higgs, Margaret Mary, B.A.	1967
Herriot, Robert Irvine, B.Ag.Sc.	1932	Highfield, John Amos Fuller, B.Ec.	1965
Herriot, Ronald Melbourne, B.E. (B.Ec., 1967)	1952	Hignett, Peter William, B.Arch.	1964
Hersel, August Wilhelm, B.A.	1935	Hilbig, Maxwell John, B.E.	1955
Hersey, Peter, M.B., B.S.	1966	Hilbig, Paul Berthold, B.A.	1930
Hervey, Gordon Wayne, B.Sc.	1961	Hilbrink, Janna, B.A.	1960
Herzog, Paul, B.A.	1953	Hilditch, John Anthony, B.Sc.	1968
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered)	1913	Hilditch, Ronald Jefferson, B.Tech.	1965
Heseltine, Samuel Richard, LL.B.	1908	Hill, Albert Charles, B.A.	1914
Hester, David Albert, B.A. (Cambridge, 1956)	1958	Hill, Alma Isobel, B.A.	1948
Hester, Gwynn Thomas John, B.A.	1950	Hill, Arthur William, D.Sc. (Cambridge, 1918)	1927
Hetherington (née Loveday), Penelope, B.A.	1951	Hill, Donald Gordon, B.E.	1959
Hetherington, Robert, B.A.	1951	Hill, Douglas Henry, M.B., B.S.	1949
Hetherington, Robert Roy, B.Sc.	1968	Hill, Dudley Clarke, M.B., B.S.	1966
Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944)	1949	Hill, Florence McCoy, B.Sc. (California, 1897)	1927
Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926	Hill, Geoffrey Noel, B.Sc.	1961
Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948)	1952	Hill, Hilda Mary, B.A.	1908
Heuer, Powell Max, B.Sc.	1953	Hill, Ivan William, B.Sc.	1956
Heuzenroeder, John Mathwin, B.A.	1962	Hill, John, B.Sc.	1922
Heuzenroeder, Peter Mathwin, LL.B.	1960	Hill, John Albert, B.Sc.	1943
Heuzenroeder, Reginald Leo, LL.B.	1923	Hill, John Distin, B.Sc.	1940
Hew, Kam Fatt, B.E.	1968	Hill, John Manners, M.B., B.S.	1958
Hew, Set Phin, B.Sc.	1967	Hill, John Seymour Thew Tregarthen, M.B., B.S.	1941
Hew, Sie Min, M.B., B.S.	1968	Hill, John Thomas, B.Ec.	1966
Hew, Tong Moy, B.Sc.	1964	Hill, Julie, B.A.	1966
Hewett, Esther Jean, B.A.	1938	Hill, Kenneth Arthur, B.Sc. (Eng.)	1950
Hewett, Peter Neil, B.Sc.	1956	Hill, Malcolm, B.E.	1951
Hewgill, Frank Richmond, Ph.D.	1955	Hill, Malcolm Kingsley, B.Tech.	1963
Hewitson, Douglas Keith, M.B., B.S.	1962	Hill, Malcolm Robert, M.Ec. (B.Ec., 1952)	1957
Hewitson, Gordon Frank, B.A.	1951	Hill, Peter, B.Tech.	1962
Hewitson, Malcolm Thomas, B.A.	1951	Hill, Robert Maxwell, B.Sc.	1963
Hewitson, Michael Gordon, B.Sc.	1968	Hill, Robert Murray, LL.B.	1968
*Hewitt, Cecil Austin, LL.B.	1924	Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910)	1920
Hewitt, Clement Barnett, LL.B.	1961	Hill, William Ronald, M.B., B.S.	1967
Hewitt, John Vigors, B.Ec.	1966	Hill, Wilvene Lesley Evelyne, M.B., B.S.	1965
		Hillier, Glynn Menpes, B.Tech.	1967
		Hillier, Grant Highmoore, B.Ec.	1967
		Hillier, Howard Armstrong, B.E.	1950
		Hillier, Terence Mark, M.B., B.S.	1968

\* Deceased

Hills, Brian Andrew, B.Sc. (M.A., Cambridge, 1959) - - - - -	1965	Hogarth, Rosamond Elizabeth Goldney, B.Sc.	1963
Ph.D. - - - - -	1967	Hogarth, Thomas Arthur, B.A. - - - - -	1965
Hills, Neville Francis, M.B., B.S.	1957	Hogben, Roy, B.Sc. - - - - -	1950
Hillwood, Eric Ronald, B.Sc.	1963	Hoh, Kam Yong, B.Sc. - - - - -	1961
*Hilton, Arthur Robert, B.A.	1909	Hoh, Kiang Hoy, B.E. - - - - -	1962
Hilton, Frank Morphet, B.Ag.Sc.	1948	Hohnen, (nee Young), Janet Isabelle, B.Med., Sc. - - - - -	1966
Hilton, Keith Denyer, LL.B.	1949	M.B., B.S. - - - - -	1968
Hilton, Robert Max, B.Tech.	1968	Hohnen, Michael Edward, M.B., B.S.	1967
Hine, Felix-Alfons, B.E.	1957	Hohnen, Stuart Alexander, B.E.	1967
Hinckfuss, Ian Charles, B.A.	1964	Hoile, Douglas Edward, M.B., B.S.	1951
Hinde, James Tempest, B.Sc.	1941	Hoile, Edward Murray, M.B., B.S.	1953
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949)	1952	Hokin, John Andrew Baird, M.B., B.S.	1960
Hine, Florence Pauline, B.A.	1947	Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - - - -	1926
Hines, John Charles, B.A.	1968	Holdercroft, Brendan John, B.Ec.	1966
Hines, Judith Helen, B.A.	1964	Holden, Ethel, B.A.	1931
Hipper, John Douglas, B.Arch. (Melbourne, 1950)	1962	Holden, Geoffrey Raymond, B.Sc.	1951
Hirsch, Ernest Hermann, M.Sc.	1965	Holden, Ralph William, B.Tech.	1958
Hirst, Jane Adah, B.Ec.	1968	Holden, Robert William, B.E.	1950
Hirst, John Bradley, B.A.	1963	Holder, Alison Joyce, Mus.Bac.	1941
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941)	1950	Holder, Ethel Roby, M.A.	1901
Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950)	1952	Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered)	1913
Hiscock, Kenneth George, B.D.S.	1952	Holder, Sophia Ellen, B.A.	1906
Hiscock, Stephen West, B.Sc.	1949	Holdich, John Rodger, B.A.	1960
Hisgrove, Gladys, B.A.	1936	Holding, Barry John, B.Ec.	1959
Hiskey, Garry Francis, LL.B.	1966	B.A.	1966
Hiskey, Juliana Mary, B.A.	1966	Holding, Leigh James, B.Sc.	1965
Hiskey, Thomas Alan, B.A.	1949	Holding, Sheila Dolby, B.A.	1943
Hislop, Ian Gordon, M.B., B.S.	1958	Holdsforth, Eric Spencer, Ph.D. (Leeds, 1950) - - - - -	1959
Hitchcox, Alison Rosemary, B.A.	1955	Holdsforth, Leslie McLeod, B.A.	1934
*Hitchcox, Alfred Clarke, M.A. (B.A., 1924)	1932	Holdsforth, William James, LL.B.	1961
Hitchcox, Joyce Mary, B.A.	1949	Hole, Godfrey William Reynolds, B.E.	1960
Hiu Hoek Leng, B.E.	1958	Hollamby, Gilbert John, B.Ag.Sc.	1961
Hladky, Ivanka Marie, B.D.S.	1968	Holland, Anthony John Corin, M.B., B.S.	1963
H'ng, Hung Cheng, B.E.	1966	Holland, Charlotte Annie, B.A.	1918
Ho, Joon Teng, Alfred, M.B., B.S.	1968	Holland, Gregory Dominic, M.B., B.S.	1960
Ho, Kwok Kuen, M.B., B.S.	1968	Holland, James Williams, B.D.S.	1932
Ho, Quet Kong, James, M.B., B.S.	1964	Holland, Joan, B.A.	1944
Ho, Shui, B.E.	1953	Holland, Laurence Corin, M.B., B.S.	1935
Ho, Siuev Yin, B.Ec.	1963	Hollands, Judith Helen, B.Sc.	1956
Hoar, Barbara Charlotte, B.Sc.	1948	Holley, Maurice Frederick, B.Sc.	1959
Hoare, Charles Gilles Lucas, M.B., B.S.	1955	Holliday, Norman Grant, B.E.	1952
Hoare, Lehone Lucas, M.B., B.S.	1949	Holliday, Ronald Leslie, B.Tech.	1968
Hoare, Richard John, B.Ec.	1962	Hollidge, Alfreda Faith, B.A.	1922
Hobbs, Alan Frank, M.B., B.S.	1922	*Hollidge, David Henry, M.A.	1989
Hobbs, Brian Kenneth, M.B., B.S.	1956	Hollidge, Geoffrey David, LL.B.	1926
Hobbs, Graham Alan, M.B., B.S.	1955	Hollinsworth, Jeanette, B.A.	1960
Hobbs, Ian Harold, M.B., B.S.	1948	Hollis, Stephanie Joan, B.A.	1967
Hobbs, Michael Sydney Talbot, M.B., B.S.	1956	Hollis, William Frederick, B.D.S.	1955
Hobbs, William Harris, M.B., B.S.	1958	Holloway, Beth, B.Sc.	1958
Hobden, Joan Frances, B.Sc.	1952	Holloway, Brendon Arthur Lawrence, B.Sc.	1968
Hocking, Brian Dominic Windsor, B.A.	1960	Holloway, Bruce William, B.Sc.	1948
Hocking, Colin Stanley, B.Sc.	1949	Holloway, Irene Isabel, B.A.	1964
Hocking, Frank Maxwell, B.Sc.	1929	Holman, Lawson James, M.B., B.S.	1954
Hocking, Ian Winston, M.B., B.S.	1960	Holmes, Angus Spooner, B.A.	1955
Hocking, John Rawle, LL.B.	1967	Holmes, Bruce Arthur, B.A.	1965
Hocking, Kevin, B.E.	1953	Holmes, Donald Ralph, B.A.	1968
Hocking, Peter William, B.A.	1966	Holmes, Edwin Thomas, B.A.	1963
Hockney, Barry Herbert, B.Sc.	1955	Holmes, Elizabeth Margaret, B.Mus.	1968
Hodan, Miroslav, M.Ec. (B.Ec., 1953)	1956	Holmes, Henry Bertram, M.B., B.S.	1940
Hoddy, Frederic Stephen, LL.B.	1925	Holmes, John Winspere, M.Sc.	1955
Hoddy, Kenneth Wellesley, M.B., B.S.	1936	Holmes, Patricia Langley, B.A.	1958
Hoddy, Lindley David, M.B., B.S.	1929	Holmes, Penelope Mary, LL.B.	1967
Hodge, Andrew Scott, LL.B.	1968	Holmes, Reginald Murray, M.B., B.S.	1949
Hodge, Brian Jack, B.A.	1964	Holoyda, Alexander, M.B., B.S.	1965
Hodge, Philip Richard, M.B., B.S.	1952	Holst, Richard John, B.Sc.	1965
Hodge, Robert Ley, M.D. (M.B., B.S., 1956)	1965	Holt, Betsy Stamford, M.A. (B.A., 1962)	1968
Hodge, Warren, B.Tech.	1963	Holt, Robin Mary Crawford, M.B., B.S.	1968
Hodge, Warren David Payne, B.A.	1962	Holtham, Richard, B.A. (Queensland, 1916)	1920
Hodgeman, Daryl Kimberly Cameron, B.Sc.	1967	Holthouse, John Lawrence, B.A.	1966
Hodgkin, Stephen Barclay, B.Sc.	1965	Holton, Jack Arthur, B.E.	1952
Hodgkinson, Peter Willis, B.Ec.	1952	Holywell, Keith Harold, M.Sc.	1959
Hodgson, Ian Harold, B.D.S.	1950	Homburg, John, LL.B.	1908
Hodgson, Edward Terrence, M.B., B.S.	1967	Homes, Allan Sydney, B.Tech.	1968
Hodgson, Richard Berkeley, M.B., B.S.	1959	Hone, Alfred Andrew, B.Sc.	1924
Hodson, Allin Charles, B.Sc.	1963	Hone, Brian William, B.A.	1928
Hoepner, Robert John, B.E.	1959	Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921) - - - - -	1938
Hoff, Lothar Clemens, M.B., B.S.	1953	Hone, Frank Alexander, B.E.	1959
Hoffman, Desmond Charles, M.B., B.S.	1962	*Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - - - -	1923
Hoffman, Jack, M.B., B.S.	1951	Hone, Garton Maxwell, M.B., B.S.	1924
Hoffman, Mervyn John, M.D. (M.B., B.S., 1960)	1967	Hone, Michael Raymond, B.Sc.	1950
Hoffmann, Philip James, B.Sc.	1968	M.B., B.S.	1954
Hogan, Margaret Mary, B.A.	1950	Hone, Winifred Ruth Selwyn, B.A.	1934
Hogan, Philip Cornelius, M.B., B.S.	1928		
Hogarth, David Stirling, LL.B.	1931		

\* Deceased

Honey, Anne Elizabeth, B.A. - - - - -	1961	Howard, Colin, Ph.D. (LL.M., London, 1956) - - - - -	1963
Honnor, Wilfred Weston, B.Sc. - - - - -	1931	Howard, Donald William Digby, B.Ec. - - - - -	1949
M.E. (B.E., 1935) - - - - -	1945	Howard, Ephrem, B.A. - - - - -	1937
Hood, Donald James, B.Sc. - - - - -	1963	Howard, Geoffrey William, B.Sc. - - - - -	1965
Hood, Margaret Daphne, B.A. - - - - -	1959	Howard, Jacqueline, B.A. - - - - -	1966
Hood, Morris Samuel James, B.A. - - - - -	1961	Howard, Juliet Hardman, M.B., B.S. - - - - -	1951
Hood, Vivian George, B.D.S. - - - - -	1950	Howard, Leo, M.A. (B.A., 1937) - - - - -	1943
Hooker, Robert John, B.E. - - - - -	1951	Howard, Leslie Frank, B.A. - - - - -	1966
Hooper, Andrew Wesley, Ph.D. (B.Sc., 1963) - - - - -	1968	Howard, Neville John, M.B., B.S. - - - - -	1963
Hooper, Frederick Harvey, B.Ag.Sc. - - - - -	1936	Howard, Patience Constance Joan, B.Ec. - - - - -	1959
Hooper, Jane Barker, B.A. - - - - -	1941	Howard, Peter Felix, B.Sc. - - - - -	1950
Hooper, Jeffery Robert, B.D.S. - - - - -	1967	Howard, Rex Trowbridge, B.Sc. - - - - -	1950
Hooper, John Robert, B.A. - - - - -	1959	Howard, Ronald Walter, B.E. - - - - -	1951
Hooper, Juan Frederick, M.Sc. (B.Sc., 1963) - - - - -	1968	Howard, Yvonne Mary, B.A. - - - - -	1945
Hooper, Judith Claire, B.Sc. - - - - -	1961	Howarth, William Heron, M.B., B.S. (M.B., B.Ch. Witwatersrand, 1951) - - - - -	1963
Hooper, Peter Laurence, B.Sc. - - - - -	1934	*Howe, George William Osborn, D.Sc. (Durham, 1914) - - - - -	1914
Hooper, Rex Truran, M.E. (B.E., 1938) - - - - -	1949	Howe-Piening, Robert, B.E. - - - - -	1961
Hooper, Robert Ivan, B.E. - - - - -	1965	Howell, Frederick Glenroy Graham, B.Sc. - - - - -	1949
Hooper, Wayne Spencer, B.Sc. - - - - -	1968	Howell, Murray Wentworth, B.E. - - - - -	1935
Hoopman, Friedrich Wilhelm, M.B., B.S. - - - - -	1922	Howes, Brian Richard, B.A. - - - - -	1968
Hoopmann, Eric Paul, M.B., B.S. - - - - -	1949	Howes, David William, M.Sc. (B.Sc., 1949) - - - - -	1955
Hoopmann, John Richard, B.Sc. - - - - -	1965	Howie, Mary Hotham, B.A. - - - - -	1943
Hoopmann, Peter William, M.B., B.S. - - - - -	1959	Howland, Donald John, B.A. - - - - -	1948
Hopcroft, Stanley Cecil, B.Med.Sc. - - - - -	1961	Howlett, Diana Rosemary, B.A. - - - - -	1956
M.B., B.S. - - - - -	1962	Howlett (nee Hughes), Nellie Ruth, B.A. - - - - -	1941
Hope, Alexander Beaumont, Ph.D. (Tasmania, 1953) - - - - -	1966	Howlett, Philip George, B.Sc. - - - - -	1964
Hope, Clive Standish, B.Sc. - - - - -	1967	Howlett, Philip Thomas Michael, M.A. (B.A., 1940) - - - - -	1947
Hope, Rory Moulden, B.Sc. - - - - -	1963	B.Ec. - - - - -	1959
Hopgood, Donald Jack, B.A. - - - - -	1968	Howlett, Shirley Ruth, B.A. - - - - -	1968
Hopgood, Melvyn Frederick, M.Sc. (B.Sc., 1962) - - - - -	1966	Howlett, Terence Ralph, B.Sc. - - - - -	1966
Hopkins, Brian McDonald, B.Sc. - - - - -	1950	Howse, Robert Vincent, B.Tech. - - - - -	1963
Hopkins, John McEwan, B.Tech. - - - - -	1958	Hronsky, Eugenia, M.B., B.S. - - - - -	1955
Hopkins, Robert William, B.Sc. - - - - -	1967	Hsieh, Kwang Hwa, B.E. - - - - -	1961
Hopper, Brian William, B.Sc. - - - - -	1947	Huang, Soo Sien, M.B., B.S. - - - - -	1968
Hopton, Oliver Barrie, B.Tech. - - - - -	1962	Huang, Su-Eng, Ph.D. (B.Sc., 1958) - - - - -	1962
Hopton, Peter Phillip Adrian, B.A. - - - - -	1947	Huang, Yuan-Tung, Anthony, M.B., B.S. - - - - -	1959
Hopwood, Timothy Paul, Ph.D. (Sydney, 1967) - - - - -	1968	Hubbard, Jack Raymond, B.Ec. - - - - -	1966
Horan (nee Cleland), Margaret Burton, M.B., B.S. - - - - -	1932	Hubbard, Margaret Eileen, M.A. (B.A., 1945) - - - - -	1949
Horgan, Lillian Veronica, M.A. (B.A., 1963) - - - - -	1967	*Hubbe, Edith Ulrica, B.A. - - - - -	1908
Hornan, William Dinwoodie Ackland, M.B., B.S. - - - - -	1941	M.B., B.S. - - - - -	1922
Hornabrook, Reginald Denys, M.B., B.S. - - - - -	1925	Hubble, George Dixon, B.Ag.Sc. - - - - -	1934
Horne, Colin James, M.A. (Oxford, 1941) - - - - -	1958	Huckson, Ernest John, B.E. - - - - -	1952
Horne, David James de Lancy, B.A. - - - - -	1964	Huddleston, Leslie Basil, B.Sc. (Eng.) - - - - -	1942
Horne, Leonard William, B.A. - - - - -	1968	Huddleston, Stanley Ernest, B.Sc. - - - - -	1934
Horne, Richard Truran, B.Arch. - - - - -	1967	B.E. - - - - -	1935
Horner, David Alexander, B.Arch. - - - - -	1968	Hudson, Dean Franklin, B.A. - - - - -	1958
Horner, Frances Jane, B.A. - - - - -	1960	Hudson, Geoffrey Marshall, B.Ec. - - - - -	1957
Horner, Henry Clarence, B.A. - - - - -	1968	Hudson, Hugh Richard, B.Ec. (Sydney, 1953) - - - - -	1960
Horsell, Marilyn Dorothy, B.Sc. - - - - -	1964	Hudson, John Winston, M.B., B.S. - - - - -	1965
Horsfield, Helen Fay, M.B., B.S. - - - - -	1959	Huefner, Armin Erwin, B.Tech. - - - - -	1967
Horsnell, Alan Bertram, B.A. - - - - -	1967	Hughes, David John, B.Ec. - - - - -	1966
Horton, Brian John, B.Sc. - - - - -	1968	Hughes, Felicity Ann, B.A. (Manchester, 1960) - - - - -	1966
Horton, Maxwell Ferris, LL.B. - - - - -	1965	Hughes, Francis Henry, B.Tech. - - - - -	1960
Horton, Robert Ralph, M.B., B.S. - - - - -	1953	Hughes, Harold Timothy, B.Ag.Sc. - - - - -	1941
Horton, Trevor John, B.A. - - - - -	1968	Hughes, James Estcourt, M.S. (M.B., B.S., 1926) - - - - -	1937
Horvat, Leon, B.A. - - - - -	1955	Hughes, John Burnell, M.B., B.S. - - - - -	1952
Horvat, Victor, M.B., B.S. - - - - -	1955	Hughes, Kym Barington, B.Arch. - - - - -	1968
Horvath, Laszlo, B.E. - - - - -	1960	Hughes, Leslie Donald, B.E. - - - - -	1949
Horwood, David William, B.Ag.Sc. - - - - -	1963	Hughes, Michael Robert, B.Sc. - - - - -	1967
Horwood, Jennifer Mary, B.Sc. - - - - -	1964	Hughes, Patricia Gliddon, B.Sc. - - - - -	1952
Hosking, Alexa Anne, B.Sc. - - - - -	1959	Hughes, Robert Douglas, B.D.S. - - - - -	1938
Hosking, Anthony John, B.Sc. - - - - -	1962	Hughes, Robert George, B.Sc. (Eng.) - - - - -	1942
Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1947	Hughes, Rosalind Selwyn, B.A. - - - - -	1964
Hosking, Douglas William, B.A. - - - - -	1960	Hughes, Samuel Edward, M.A. (Manchester, 1962) - - - - -	1963
Hosking, Herbert Champion, M.B., B.S. - - - - -	1923	Hugo, Graeme John, B.A. - - - - -	1968
Hosking, Lochee Maud, B.A. - - - - -	1931	Hui, Weng Choon, M.B., B.S. - - - - -	1957
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947	Hull, Ivan Kennett, B.Ec. - - - - -	1962
Hosking, Peter Kay, B.E. - - - - -	1948	Hull, Ronald Robert, B.Sc. - - - - -	1966
Hosking, Roger John, B.Sc. - - - - -	1961	Hum, Hoe Pheng, B.Sc. - - - - -	1966
Hosking, William Rex, B.A. - - - - -	1958	Human, James Peter Egerton, M.Sc. (B.Sc., 1946) - - - - -	1948
*Hossfeld, Paul Samuel, Ph.D. (B.Sc., 1924; M.Sc., 1926) - - - - -	1953	Humble, Dudley Samuel, M.B., B.S. - - - - -	1959
Hotten, Douglas Ernst, B.Sc. - - - - -	1956	Humble, Peter Alan, M.B., B.S. - - - - -	1962
Hounslow, Kenneth, B.A. (Melbourne, 1950) - - - - -	1966	Hume, Beryl May, B.A. - - - - -	1959
Hourigan, Lloyd David, B.Ec. - - - - -	1950	Hume, Neal Jeremy, LL.B. - - - - -	1964
Houssiadas, Lambros, Ph.D. (Leeds, 1958) - - - - -	1961	Humphrey, Edwin Vincent, B.Tech. - - - - -	1960
Houston, Ian John, B.A. - - - - -	1968	Humphries, Ralph, B.A. - - - - -	1961
Houston, Terry Francis, B.Sc. - - - - -	1965	Humphris, Elisabeth Amy, B.A. - - - - -	1952
Howard, Arthur Ewing, B.A. - - - - -	1912	Humphris, Francis Henry, B.E. - - - - -	1924
Howard, Bruce Victor, B.E. - - - - -	1962		

\* Deceased



Humphris, Francis Ross, B.Ag.Sc.	1944
Humphris, Michael Sturt, B.Tech.	1967
Humphry, Alfred Henry, M.B., B.S.	1937
Humphrys, Walter Raymond, B.A.	1967
Hundertmark, Bruce, B.E.	1959
Hung, Kwing Shing, M.B., B.S.	1968
Hung, Yan Po, Erminia, B.D.S.	1962
Hunkin, Leonard Dale, LL.B.	1935
Hunkin, Milton Philip, B.A.	1954
Hunt, Arnold Dudley, B.A.	1942
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957
Hunt, Barrie George, M.Sc.	1966
Hunt, Max Aubrey, B.E.	1931
Hunt, Robert Graham, B.Tech.	1965
Hunt, Shirley Denise, B.Sc.	1967
Hunter, Betty Vera, B.Sc.	1947
Hunter, Brian Oswald, LL.B.	1932
Hunter, Doris, B.A.	1924
Hunter, Geoffrey Alan, M.B., B.S.	1942
Hunter, John McIntosh, LL.B.	1968
Hunter, Ronald, M.B., B.S.	1944
Hunter, Thomas Bowden, M.B., B.S.	1944
Hunwick, Andrew William Robert, B.A.	1966
Hunwick, Arthur Philip, B.E.	1929
Hunwick, Donald John, B.Sc.	1966
Hunwick, Leonard William, LL.B.	1938
Hunwick, Robert Ernest, B.E.	1968
Huppertz, John Lawrence, Ph.D. (B.Sc., 1960)	1964
Hurley, Leonard Joseph Bernard, B.A.	1914
Hurley, Pamela Joy, B.Sc.	1965
Hurn, Pamela Junette, B.A.	1961
Hurren, Pauline Mary, B.E.	1959
Hurst, Charles Angus, Ph.D. (Cambridge, 1952)	1959
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941
Hurst, Harvey Herbert, M.B., B.S.	1929
Hurst, Peter Edwin, M.B., B.S.	1953
Hurst, Walter William, B.Sc.	1916
Hussey, Brian Leitch, B.D.S.	1951
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945
Hutchens, Colin Raymond, B.Sc.	1965
Hutchens, Desmond Fenton, B.Ec.	1961
Hutcherson, Carole Jean, M.Sc.	1963
Hutchesson, George Ian Dewart, B.E.	1917
Hutchesson, Gordon Bramwell, LL.B.	1930
Hutchesson, Kevin Donald, B.Tech.	1965
Hutchesson, Murray Adrian, B.Tech.	1967
Hutchins, John Noel, M.B., B.S.	1960
Hutchins, Robert John, B.A.	1967
Hutchinson, Clive Reginald, B.A.	1948
Hutchinson, Colin Frederick, B.Sc.	1950
Hutchinson, Grahame Denver, B.Tech.	1966
Hutchinson, John Warwick Lykke, B.E.	1965
Hutchinson, William Allan, M.B., B.S.	1963
Hutchinson, William Donald, B.Sc.	1967
Hutson, Nicholas James, B.Sc.	1964
Hutton, Alan Victor, B.A.	1961
Hutton, Deane Winston, B.Sc.	1963
Hutton, Edward Mark, D.Sc. (B.Ag.Sc., 1933; M.Sc., 1940)	1951
Hutton, John Thomas, B.Sc.	1938
Hutton, Malcolm Austin, B.A.	1963
Hutton, Ralph Anthony, B.E.	1967
Hutton, Tom Allan, LL.B.	1940
Huxley, Sir Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	1950
Hyde, Alan Graham, B.Ec.	1951
Hyde, Geoffrey O'Halloran, M.B., B.S.	1961
Hyde, Hartley John, B.Sc.	1966
Hyde, James O'Halloran, M.B., B.S.	1954
Hyde, Miriam Beatrice, Mus.Bac.	1931
Hyder, Saiyed Zulficar, Ph.D.	1967
Hynes, Michael John, B.Ag.Sc.	1966
Hynes, Patrick D'Arcy, B.A.	1963
Hyslop, Alexander, M.A. (B.A., 1960)	1968
Hyslop, Anthea Margaret Ineen, B.A.	1967
Hyson, Peter, B.Sc.	1960

## I

Ibbotson, Richard Neville, M.D. (M.B., B.S., 1961 (London, 1951))	1962
Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Ide, Frank Boyle, B.E.	1928
Ielasi, Anthony, B.D.S.	1966

Iley, James Dixon, B.App.Sc.	1966
Ilic, Sofija Marija, B.A.	1966
Ilfie, Michael Isaac Glover, B.Sc.	1934
Ilfins, Kira, M.B., B.S.	1967
Illing, Robert Henry, Ph.D. (Nottingham, 1962)	1966
Im, Lai Hung, M.B., B.S.	1964
Ingamells, Dora, B.A.	1909
Ingamells, Eric Marfleet, B.A.	1908
Ingleby, Aileen Constance, LL.B.	1921
INGLETON, Christine, B.A.	1963
INGLETON, Peter Raymond, B.E.	1964
Inglis, Cecil Frederick, B.E.	1958
Inglis, Geoffrey Russell, B.E.	1961
Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	1957
Inglis, Norman John, B.Sc.	1961
Ingram, Arthur Donald, B.Sc.	1957
Inkster, Graeme Thomas, B.Sc.	1967
Inman, Ross Banks, Ph.D. (B.Sc., 1956)	1960
Inns, Graham Jack, B.A.	1968
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940
Ioannou, Noris, B.Sc.	1968
Ireland, Graham Malcolm, M.B., B.S.	1953
Ireland, Norman Arthur, M.A. (B.A., 1913)	1932
Ireland, Trevor John, B.Sc.	1968
Irvine, Beatrice May, M.B., B.S.	1941
Irving, Denys Benson, B.Sc.	1950
Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949)	1954
Irving, Henry Edward, LL.B.	1933
Irving, Iris Mary, B.A.	1950
Irving, Roger John, M.Sc. (B.Sc., 1945)	1948
Irwin, Bernard John, B.Ec.	1957
Irwin, Edith French, B.Sc.	1939
Irwin, Graham Wilkie, B.A.	1947
Irwin, Helene Margaret, B.A.	1966
Irwin, John Francis, B.D.S.	1951
Irwin, John Gordon, B.Tech.	1966
Irwin, Robert Newenham, LL.B.	1929
Irwin, William Morris, M.B., B.S.	1938
Isaac, Alfred Frank, B.Sc.	1959
Isaachsen, Margaret Lynette, B.Sc.	1961
Isaachsen, Oscar Alan, B.E.	1965
Isaachsen, Oscar Cedric, LL.B.	1932
Isaachsen, Robert John, B.E.	1966
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
Iskander, Sastrawidjaja, B.Tech.	1964
Iskanto, Raden, B.E.	1962
Isles, Keith Sydney, C.M.G., M.A. (Cambridge, 1933)	1941
Ismar, Sjamsir, B.E.	1963
Isom, Constance Ruth, B.A.	1934
Israel, Anthony Ralph, M.B., B.S.	1967
Ives, Penelope Margaret, B.Sc.	1967
Iverson, Geoffrey John, B.Sc.	1964
Ivkovic, Rudolf Georg, B.D.S.	1968
Iwanicki, Walter Rudolph, B.Tech.	1962

## J

Jack, Fannie Augusta, B.A. (Sydney, 1899)	1913
Jack, Malcolm Alexander, M.A. (Oxford, 1958)	1959
Jack, Robert Lockhart, B.E. (Sydney, 1899)	1913
D.Sc.	1930
Jack, William Logan, M.B., B.S.	1929
Jacka, Roger Malcolm, M.B., B.S.	1965
Jackman, Frank Downer, B.E.	1924
Jackman, Lloyd Miles, Ph.D. (B.Sc., 1945; M.Sc., 1949)	1952
Jackman, Margaret Elva, B.Sc.	1954
Jackson, Arthur Marchant, B.A.	1943
Jackson, Barbara Ann, B.A.	1968
Jackson, Brian Murray, B.A.	1968
Jackson, David Ian, Ph.D.	1966
Jackson, Edward Arthur, B.Ag.Sc.	1951
Jackson, Graham Douglas Fischer, Ph.D. (B.Sc., 1959)	1964
Jackson, John Frederick, B.Sc.	1945
M.B., B.S.	1951
Jackson, John Flexmore, Ph.D. (M.Sc., 1960)	1963
Jackson, John Kevin, B.A.	1968
Jackson, Linley Anne, B.A.	1966
Jackson, Mervyn Benjamin, B.Sc.	1965

\* Deceased

Jackson, Norton, B.E.	1941
Jackson, Peter Alexander, B.A.	1967
Jackson, Wayne Robert, B.Ec.	1968
Jacob, Charles Ernest Frederick, B.E.	1934
Jacobs, Alan Brian, B.Ec.	1949
Jacobs, David Lynden, M.B., B.S.	1967
Jacobs, Donald Arthur, M.B., B.S.	1954
Jacobs, Doreen Miriam, Mus.Bac.	1941
Jacobs, Maxwell Ralph, M.Sc. (B.Sc., 1925)	1936
Jacobs, Penelope-Anne, M.B., B.S.	1965
Jacobs, Samuel Joshua, LL.B.	1948
Jacobsen, John Viggo, B.Ag.Sc.	1959
Jacquier, Maxwell Leslie, B.Sc.	1959
Jaensch, Dean Harold, B.A.	1967
Jaffrey, Andrew Maxwell, B.Sc.	1956
Jaffrey, John Maxwell, LL.B.	1956
Jagermann, Karl, M.B., B.S.	1961
Jago, John Geoffrey, LL.B.	1955
Jakob, Miklos Laszlo, B.Sc.	1962
Jakobsen, Hugo, B.A.	1954
James, Alan Treleven, M.Sc. (B.Sc., 1943)	1949
James, Bertha Gwendoline, B.A.	1934
James, Brenton Edward, B.Sc.	1964
James, Brian Clifford, B.Sc.	1966
James, Brian Harold, M.Sc. (B.Sc., 1961)	1966
James, Brian Norman, B.E.	1956
James, Christopher John, B.Sc.	1967
James, Christopher Richard Chapman, LL.B.	1966
James, Clarence Keith, B.E.	1932
James, Clive Morgan, M.B., B.S.	1964
James, Colin Thomas, M.B., B.S.	1942
James, Graham Murray, B.Ec.	1966
James, Helen Margaret, B.A.	1941
James, Henry John, B.E.	1963
James, Paul Reuben, M.B., B.S.	1941
James, Richard Cecil, B.A.	1954
James, Robert Jeffrey, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
James, Robert William, B.Tech.	1959
James, Ross Alexander, M.B., B.S.	1968
James, Trevor Ronald, B.Ec.	1966
James, Walter Bruce, B.Tech.	1963
* James, Wesley Hughes, B.Sc. (M.E. (B.E., 1921))	1919
James, William Francis Clive, B.Mus.	1932
* James, William Rex, M.B., B.S.	1968
Jamieson, Glen McRae, B.Tech.	1928
Jamieson, Glyn Garfield, M.B., B.S.	1964
Jamieson, Leigh Garfield, LL.B.	1966
Jamieson, Norman Clarke, Ph.D.	1968
Janardhan, Narienkadu Mohanarunga, B.E.	1967
Janes, Boris Sebire, M.Sc.	1954
Jankauskas, Algis, M.B., B.S.	1948
Jankevics, Arvids, B.Sc.	1959
Jankovskis, Harry Bronislavs, B.Tech.	1963
Jans, Nicholas Andrew, B.Tech.	1962
Jansen, Adrian Michael, B.Sc.	1967
Jansen, Geoffry Clive, B.E.	1966
Jansen, George Robert, B.E.	1962
Jansen, Malcolm Lindsay, B.E.	1965
Jansen, Marcus Gordon, M.B., B.S.	1964
Jansen, Peter Edgar, B.Arch.	1943
Jansen, Timothy Ross, B.Tech.	1962
Janzow, Eric Herbert Martin, B.A.	1968
Jaques, Winnifred Ruth Christine, B.A.	1940
Jarman, David John, B.A.	1964
Jarman, Robin John, B.A.	1965
Jaroschenko, Ludmilla, B.A.	1968
Jarrett, Craig Gregory, M.B., B.S.	1968
Jarrett, Frank George, Ph.D. (Iowa, 1952)	1968
Jarrett, Ivan Gentry, D.Sc. (B.Sc., 1939, M.Sc., 1947)	1955
Jarrett, Richard Gentry, B.Sc.	1965
Jarvis, Deane Graham, LL.B.	1968
Jarvis, Ronald Harris, M.B., B.S.	1963
Jaskewycz, Taras, B.Sc.	1948
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1956
Jaunkalvis, Peteris Hermanis, B.Ec.	1922
Jaunzerns, Andris, M.B., B.S.	1961
Jaworski, Stefan, B.Sc.	1965
Jay, Hubert Melville, M.B., B.S.	1965
Jay, Linley Elva, B.A.	1908
Jay, Peter Gerald, M.B., B.S.	1966
Jeanes, Brian Hamilton, M.B., B.S.	1941
Jeanes, John Colin, B.E.	1953
Jedrzejczak, Wacław Jan, B.Tech.	1954
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1962
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1958
Jeffares, Alexander Norman, M.A. (Oxford)	1960
Jefferies, Brian Crossley, B.Ag.Sc.	1952
Jefferis, Arthur Tarlton, B.Sc.	1953
Jeffery, Robert John, M.B., B.S.	1908
Jeffery, William George, B.Sc.	1967
Jefferson, Carl Patrick, B.E. (Sydney, 1957)	1962
Jefferson, Ian Scott, LL.B.	1965
Jeffrey, Peter Dalrymple, Ph.D. (B.Sc., 1960)	1967
Jeffries, Elizabeth Shirley, B.A.	1965
Jeffries, Jean Abernethy Woodhouse, B.A.	1957
Jeffries, John Singleton, M.B., B.S.	1968
Jeffries, Lewis Wibmer, M.B., B.S.	1942
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1907
* Jeffries, Sir Shirley Williams, LL.B.	1966
Jeffs, Rosemary Ann, B.Pharm.	1909
Jellett, Leon Barry, M.B., B.S.	1968
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1960
Jelly, Michael Thomas James, M.B., B.S.	1951
Jemison, Robert William, B.Sc.	1963
Jenke, Dudley Conrad, B.Sc.	1964
Jenkin, Alfred John Roseland, B.A.	1950
Jenkin, Beth Lenore, B.A.	1932
Jenkin, John Grenfell, B.Sc.	1940
Jenkin, Mabel Gertrude, B.A.	1960
Jenkin, Philip Ross, B.Ec.	1928
Jenkin, Robert Haydon, B.A.	1960
Jenkins, Graham Keith, B.Sc. (B.E.)	1962
Jenkins, Heather Gordon, B.Sc.	1966
Jenkins, Rex Desmond, B.A.	1968
Jenkins, Richard John Frank, B.Sc.	1950
Jenkins, Ronald Keith, B.A.	1966
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1967
Jenner, Anthony Martin, B.E.	1922
Jenner, Colin Frederick, Ph.D. (D.Phil., Oxford, 1962)	1952
Jenner, Monica Marie, B.A.	1968
Jennings, Allen Charles, Ph.D. (M.Sc., 1963)	1959
Jennings, Bruce Arthur, B.E.	1968
Jennings, Colin Bruce, B.Sc.	1950
Jennings, Leslie Stephen, B.Sc.	1962
Jennings, Robert Edward, B.Sc.	1968
Jennings, William David, LL.B.	1952
Jennison, Raymond Barraclough, B.E.	1968
Jens, John Matthias Joseph, M.B., B.S.	1950
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1934
Jensen, Peter Rolf, B.Arch.	1947
Jensen, Richard Ian Broughton, B.A.	1963
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1951
Jensen, Tom Broughton, B.E.	1957
Jephcott, Bruce Reginald, B.Sc.	1938
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941)	1950
Jericho, Adrienne John, B.A.	1959
Jericho, Arnold Mervyn, B.E.	1968
Jericho, Lois Joy, B.A.	1938
Jervis, David John, LL.B.	1961
Jessup, Allan Aubrey, M.B., B.S.	1968
Jessup, George Aubrey, LL.B.	1952
Jessup, Leonard Clive, M.B., B.S.	1963
Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1952
Jew, Ronald William, LL.B.	1948
Jewell-Thomas, Stephen Rutter Culross, B.E.	1937
Johansen, Svein Bjarne, B.D.S.	1954
Johinke, Albert Keith, B.E.	1954
John, Glen Owen, B.E.	1968
John, Ian David, Ph.D. (B.A., 1961)	1951
John, Lloyd Vincent, B.A.	1968
Johncock, Leonard Percy, B.A.	1954
Johns, Bennett Gilbert Langman, B.Sc.	1926
Johns, Darby Richard, B.Ec.	1937
Johns, David Colin, B.A.	1958
Johns, Malcolm Grant, B.Sc.	1968
Johns, Robert Edwin, B.E.	1960
Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960
Johns, Rodger Norman, B.E.	1960

\* Deceased

Johns, Rowland Walden, B.E.	1951	Jones, Geoffrey Hedley, M.B., B.S.	1947
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955	Jones, Graham Roy, B.E.	1964
Johnson, Anthony John Bruce, B.A.	1965	Jones, Gwynfred, B.Sc.	1926
Johnson, Bruce, Ph.D. (London, 1955)	1956	Jones, Helen Patricia, B.A.	1948
Johnson, Bruce Beresford, B.Sc.	1966	Jones, Herbert William, B.E.	1939
Johnson, Christine Rachel, B.A.	1967	Jones, Jean Murray, M.B., B.S.	1944
Johnson, Christopher Malcolm, B.E.	1952	Jones, Jeanette Rosemary, B.A.	1963
Johnson, Darlene Fraser, B.A.	1957	Jones, John Brett, Ph.D. (Wisconsin, 1958)	1960
Johnson, Donald Leslie, M.Arch. (Pennsylvania, 1960)	1968	Jones, Keith Gerald, B.Ec. (B.Com., Melbourne, 1956)	1961
Johnson, Dorothy Mavis, B.A.	1931	*Jones, Kelvin Lindsay, B.Sc.	1945
Johnson, Edwin Ralph, B.A.	1931	Jones, Kenneth Thomas, M.B., B.S.	1951
Johnson, Eleanor Elizabeth, B.Sc.	1957	Jones, Leslie Ann, B.Sc.	1965
Johnson, Francis Henry, M.A. (Oxford, 1946)	1952	Jones, Linda Margaret, B.A.	1967
Johnson, Francis James, M.E.	1952	Jones, Malcolm Everett, B.Sc.	1966
Johnson, Helen Hayward, B.A.	1965	Jones, Margaret Britten, B.A.	1947
Johnson, Jeffery William Harwood, LL.B.	1951	Jones, Marie Katherine, B.A.	1961
Johnson, Keith Douglas, B.Sc.	1950	Jones, Marilyn Rosemary, B.Sc.	1966
Johnson, Margaret Isabel, B.A.	1952	Jones, Martin, B.Arch.	1967
Johnson, Michael, B.Ec.	1963	Jones, Melvyn Travers, B.Sc.	1968
Johnson, Nanette Robyn, B.A.	1967	Jones, Michael John, B.A.	1954
Johnson, Neil Camac, B.Tech.	1963	Jones, Oscar Graham, M.A. (Oxford, 1953)	1968
Johnson, Neville Allan, B.E.	1967	Jones, Pamela Sandra, B.A.	1966
Johnson, Nicholas, B.Med.Sc.	1962	Jones, Reginald John, B.A.	1948
Johnson, M.B., B.S.	1965	Jones, Richard Alan, Ph.D. (Cambridge, 1960)	1962
Johnson, Peter Ralph, B.Sc.	1941	Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941)	1948
Johnson, Robert Douglas, B.E.	1955	Jones, Robert Britten, M.B., B.S.	1952
Johnson, Robert Vincent, Ph.D. (Manchester, 1952)	1959	Jones, Robert Howard, B.Sc.	1940
Johnson, Ronald Lisle, LL.B.	1937	Jones, Robert Murray, B.Tech.	1966
Johnson, Ross Gordon, M.B., B.S.	1958	Jones, Rosemary Frances Hackett, B.A.	1962
Johnson, Sydney Gordon, B.Sc.	1968	Jones, Trevor Robert, M.E. (B.E., 1961)	1964
Johnson, Wayne Richard, B.A.	1968	Jordan, Alec Simpson, M.B., B.S.	1964
Johnson, William Courtenay Saunders, B.A.	1934	Jordan, Dierdre Frances, B.A.	1947
Johnson, William Herbert, B.A.	1911	Jordan, Denis Oswald, D.Sc. (London, 1953)	1955
Johnson, William George, B.Tech.	1962	Jordan, Jack, B.Tech.	1967
Johnston, Brian Christopher, B.A.	1968	Jordan, Susan Margaret, B.Sc.	1965
Johnston, Elizabeth, LL.B.	1948	Jordine, Edmund St. Aubyn, Ph.D.	1966
Johnston, Elliott Frank, LL.B.	1940	Jorgensen, Donald Murray, M.B., B.S.	1953
Johnston, Lance Galbraith, B.E.	1925	Jorgensen, Francis Richard Arthur, Ph.D. (B.E., 1960)	1965
Johnston, Lindsay Collinge, Ph.D.	1967	Jory, Rodney Leonard, B.Sc.	1959
Johnston, Ross George, B.D.S.	1936	Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1947
Johnston, Margaret Catherine, M.B., B.S.	1961	Jose, David Gilbert, M.B., B.S.	1963
Johnstone, David Ian, B.E.	1965	Jose, Edward Salisbury, B.A. (Oxford, 1904)	1905
Johnstone, William Watson, M.E. (B.E., 1937)	1947	Jose, Geoffrey Alan, M.B., B.S.	1948
Joksimovic, Vladimir, B.Tech.	1968	Jose, John Salisbury, M.B., B.S.	1957
Jolad, Shivnand Dundappa, Ph.D.	1967	Jose, Sir Ivan Bede, M.S. (M.B., B.S., 1915)	1923
Jolly, Bertram Morris, M.B., B.S.	1937	Joseph, George, LL.B.	1938
Jolly, Dean Henry, B.Tech.	1966	Joseph, Hapurachchige Don Austin Carlo, B.Sc.	1956
Jolly, Dennis Rawson Penfold, B.Sc.	1953	Joseph, Kaniyantra Thomas, M.Ag.Sc.	1958
Jolly, Donald, B.Sc.	1945	Joshi, Jagan Nath, M.B., B.S.	1958
Jolly, Erica Annette, B.A.	1956	Joshua, Chittoor Philip, Ph.D.	1968
Jolly, Mark Alexander Bertram, M.B., B.S.	1967	Joske, John Webster, M.B., B.S.	1955
Jolly, Meryl Ann, B.A.	1963	Jovanovic, Jorg Gerhard, B.A.	1966
Jolly, Peter Lewis, B.Sc.	1962	Joyce, Neville Angus, B.Sc.	1968
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930)	1936	Joyce, Rosalie Woodruff, B.A.	1929
Jolly, William Alfred Swinburne, B.E.	1948	Joyce, William Edward, B.D.S. (Sydney, 1950)	1967
Jolly, William Richard, Norman, B.Sc.	1933	*Joyner, Malcolm Stewart, B.D.S.	1926
Jona, Jacob, B.Sc.	1908	Joyner, Max Frederick, LL.B.	1913
Jona, Judah Leon, D.Sc.	1917	Judd, David Gavain, B.Tech.	1966
M.B., B.S. (Melbourne, 1911)	1919	Judd, James, B.A.	1954
M.S.	1919	Judd, Percival Richard Henry, B.A.	1934
Jonas, Oswald, M.B., B.S.	1959	B.Ec.	1938
Jonasson, Ian Roy, Ph.D.	1968	*Jude, Gertrude Josephine, B.Sc.	1901
Jones, Alan David, B.A.	1967	Judell, Maurice Wolff, B.Sc.	1903
Jones, Alan Stuart, B.Sc.	1960	Judell, Trevor Leopold, B.Sc.	1947
*Jones, Alan Thomas Britten, M.B., B.S.	1921	Judell, Vivienne, LL.B.	1933
Jones, Albert Walter, B.Sc.	1932	Juett, Christina Margaret, M.A. (B.A., 1929)	1933
M.A. (B.A., 1937)	1944	Juhasz, Ferenc, B.Ec.	1958
Jones, Anne Scott, B.A.	1968	Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909)	1914
Jones, Beverley Lillian, B.A.	1959	Jungfer, Carl Clifford, M.D. (M.B., B.S., 1926)	1949
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949	Jungfer, Lorenz Wilfred, B.D.S.	1933
B.Ec.	1958	Jureidini, Kenneth Farid, M.B., B.S.	1968
Jones, Conway Jeffrey, B.Sc. (Eng.)	1945	Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907)	1914
Jones, David Garred, B.Sc.	1964	Juttner, Christopher Aylwin, B.Med.Sc.	1966
Jones, David Lewis, M.B., B.S.	1950	Juttner, Prudence Anne, B.Sc.	1952
B.Sc.	1963		
Jones, Doris Egerton, B.A.	1911		
Jones, Dorothy Irene, B.A.	1945		
Jones, Dorothy Lilian May, M.A.	1961		
Jones, Evan Mander, M.A. (Oxford, 1937)	1948		

\* Deceased

## K

Kaasoi, Prachuap, B.E.	1956
Kaewbaidhoo, Sa-ngob, B.Sc.	1952
Kahan, Raoul Robellaz, B.Sc.	1911
Kain, Michael Laurence, M.B., B.S.	1965
Kaines, Macklin, B.A.	1927
Kaines, Raymond Hannay, M.B., B.S.	1926
Kakulas, Byron Arthur, M.B., B.S.	1956
Kalinovsky, Galina, M.B., B.S.	1953
Kalinovsky, Peter Victor, M.B., B.S.	1953
Kalmins, Andrejs, B.Sc.	1960
Kambala, Jozeps, B.Tech.	1958
Kammer, Monica Vivienne, B.Sc.	1961
Kamp, Herman, B.E.	1966
Kanapathipillai, Daisy, M.B., B.S.	1962
Kandasamy, Kanapathy, M.Sc.	1955
Kandiah, Kumarasivam, B.E.	1958
Kane, Leo William, B.A.	1962
Kaneff, Stephen Dimov, Ph.D. (B.E., 1949)	1956
Kannis, Peter, B.A.	1966
Kanovics, Leslie Zoltan, B.Sc.	1968
Kansil, Nico, B.App.Sc.	1962
Kanwar, Jaswant Singh, Ph.D.	1954
Kappelle, Karel, B.Sc.	1961
Kappler, Laurel Valma Joy, B.A.	1950
Karay, Stephen Coloman Cornelius, M.B., B.S.	1965
Karim, Abdul, Ph.D. (M.Sc., Dacca)	1951
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951
Karolyi, George, B.E.	1960
Karran, Peter Douglas, B.Sc.	1964
Karthigasu, Kula Thungam, Ph.D. (B.Sc., 1960)	1965
Kartomi, Hidris, B.Tech.	1963
Kartomi, Margaret Joy, B.A.	1963
Kas, Mus.Bac.	1964
Kaspiew, Radzen, B.A.	1958
Kassapis, Paul John, B.Pharm.	1968
Katakasi, Igor, B.Sc.	1962
Katekar, Gerard Frederick, Ph.D. (B.Sc., 1958)	1962
Katekar, Henry John, LL.B.	1937
Kau, Maxwell Harold, B.A.	1967
Kaufman, John Lewis, B.D.S.	1956
Kaupnece, Lennart, M.B., B.S.	1956
Kauschke, Kevin Francis, B.Tech.	1960
Kavanagh, Bernard Francis, B.E.	1964
Kavass, Igor Ivar, LL.B. (Melbourne, 1956)	1959
Kay, Alexander Theodore, B.E.	1924
Kay, Cecil Bernhard, B.Sc.	1935
Kay, David John, B.Sc.	1968
Kay, Helen Graham, B.A.	1968
Kay, Joyce Gertrude, B.Ec.	1963
Kay, Malcolm John, B.Sc.	1957
Kay, Mouat John Richard, M.A. (Oxford, 1907)	1928
Kay, Richard Francis, B.Tech.	1968
Kay, Robert Pringle, B.E.	1926
Kay, Rosemary, M.B., B.S.	1961
Kay, Sylvius Clarence, B.Sc.	1939
Kazanski, Boris, B.Arch.	1964
Kazimierczak, Cecylia, B.Mus.	1968
Kean, Beatrice Mary, B.A.	1967
Kean, Arthur Patrick, B.A.	1958
Keally, Frank Shenstone, B.A.	1951
Keam, Graham Vincent, B.Tech.	1966
Keane, Eileen Margaret, M.A. (B.A., 1927)	1930
Keane, John Graham, B.A.	1968
Keane, Mary Veronica, B.A.	1961
Keane, Philip John, B.Ag.Sc.	1968
Keany, John William, B.Ec.	1949
Kearnan, Joseph Reginald, LL.B.	1925
Kearney, Ann Veronica, M.B., B.S.	1968
Kearney, Bernard James, B.A.	1949
Kearney, Brendon John, M.B., B.S.	1968
Kearney, Geraldine Helen Elizabeth, M.B., B.S.	1961
Kearney (nee Dorsch), Ida Margarete, B.A.	1926
Kearney, Josephine Agnes, B.A.	1952
Kearney, Margaret Patricia, M.B., B.S.	1955
Keats, Arthur Lange, B.E.	1937
Keats, John Augustus, B.Sc.	1944
Keats, Reynold Gilbert, Ph.D. (B.Sc., 1948)	1966
Keda, Inga, B.D.S.	1961
Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958
Keen, Ross Maxwell, B.E.	1954
Keene, Frank Richard, B.Sc.	1967
Keeves, Andrew, B.Sc.	1951
Keeves, John Philip, B.Sc.	1945
Keeves, Margaret, B.A.	1944
Keig, Alan Richard, B.A.	1968
Keightley, David Douglas, B.Sc.	1966
Keipert, Leslie James, M.B., B.S.	1918
Kelabora, Lambert, B.A.	1967
Kelley, Graham Ross, B.Sc.	1968
Kelley, William Brian, B.A.	1951
Kelly, Birute Magdalena, M.B., B.S.	1966
Kelly, Bryan Llewellyn, B.E.	1961
Kelly, Cecil James St. Leger, LL.B.	1924
Kelly, David St. Leger, LL.B.	1961
Kelly, B.A.	1967
Kelly, Dominic Michael, B.A.	1966
Kelly, Ellen, B.A.	1928
Kelly, Eric Gordon, M.A. (B.A., 1920)	1925
Kelly, Ernest James, B.A.	1952
* Kelly, Francis, LL.B.	1906
Kelly, Francis Peter, LL.B.	1937
Kelly, Frank Reginald, B.A.	1961
Kelly, Gabrielle, B.A.	1966
Kelly, Gwenda Mary Christine, B.A.	1949
* Kelly, John Erwin, LL.B.	1936
Kelly, Kieran Carmichael, LL.B.	1963
Kelly, Kym Leonard, LL.B.	1968
* Kelly, Michael, M.D. (M.B., B.S., 1928)	1945
Kelly, Michael Lawrence, LL.B.	1928
Kelly, Noel Robinson, B.Sc.	1964
Kelly, Patrick Joseph, LL.B.	1924
Kelly, Peter Maurice St. Leger, LL.B.	1959
Kelly, Robert John, B.E.	1959
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949
LL.B.	1966
Kelman, Hilda, M.B., B.S.	1948
B.A. (W. Aust., 1943)	1949
Kelsall, George Robert Henry, M.B., B.S.	1958
Kelsey, Oswald Mortimer, B.E.	1938
Kemp, Deane Clayton, B.Tech.	1963
Kemp, Gregory John, B.E.	1968
Kemp, Henry Kenneth, B.Ag.Sc.	1933
Kemp, Leslie Curry, B.A.	1967
Kemp, Mervyn Douglas, B.A.	1966
Kemp, Michael Stephen, LL.B.	1967
Kempson, Roger Malcolm, B.Sc.	1966
Kempster, Charles John Edgar, Ph.D. (Cambridge, 1958)	1960
Kendrew, George Harry, M.B., B.S.	1917
* Kenihan, Raphael Leo, M.B., B.S.	1915
Kenihan, Robert Austin, M.B., B.S.	1946
Kennare, Hugh Daly, B.D.S.	1950
Kennare, Mary Anne, B.Sc.	1962
Kennedy, Alan Duncan, B.A.	1952
Kennedy, Alexander Lorimer, B.E.	1915
Kennedy, Barbara Anne, M.B., B.S.	1962
Kennedy, Christopher John, M.B., B.S.	1968
Kennedy, Christopher Warren, B.Tech.	1965
Kennedy, Desmond Anthony, M.B., B.S.	1955
Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957
Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958
Kennedy, Gillian Ruth, Ph.D.	1963
Kennedy, Helen Margaret, B.Sc.	1964
Kennedy, Jennifer Ann, B.Sc.	1967
Kennedy, John Graham, B.E.	1952
Kennedy, Josephine Margaret, M.B., B.S.	1939
Kennedy, Karin Isobel, B.Sc.	1955
Kennedy, Kevin John, B.Ec.	1962
Kennedy, Michael Brian, B.E.	1959
Kennedy, Peter Mervyn, B.Sc.	1968
Kennedy, Philip James Anthony, LL.B.	1954
Kennedy, Ruth Ann, B.A.	1968
Kennedy, Stanley Wallace, Ph.D. (Belfast, 1954)	1957
Kennett, Edmund Richard, B.E.	1949
Kennett, Keith Franklin, B.A.	1967
Kennett, Maureen Patricia, B.A.	1963
Kenny, Edward James, B.Tech.	1962
Kenny, Daniel Thomas, B.E.	1951
Kenny, Marjorie Jean, B.Mus.	1965
Kenny, Martin Bill, B.Arch.	1963
Kenny, Martin Lance, B.A.	1940
Kenny, Michael John, B.Mus.	1965
Kenny, Patricia Mary, B.A.	1954
Kent, George Lynden, B.A.	1952
Kent, Heinz Sigfrid Kopolowitz, Ph.D., (Cambridge, 1955)	1956
Kent, Jacqueline Frances, B.A.	1967

\* Deceased

Kentish, Peter Horwood, B.A.	1960	King, Jocelyn Mary, M.Ag.Sc.	1965
Kentish, Timothy David, B.Ag.Sc.	1949	King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956
Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945	King, Leonard James, LL.B.	1951
Kerin, John Francis, B.A.	1949	King, Margaret Jessica Esmée, Mus.Bac.	1962
Kerin, Kevin Vincent, LL.B.	1952	King, Peter Melville, B.Ag.Sc.	1966
Kerin, Mary Bridget, B.A.	1960	King, Raymond Maxwell, B.Sc.	1968
Kernode, Merrowyn May, B.A.	1962	King, Robert Bruce, B.Sc. (Sydney, 1947)	1960
Kernick, Colin Geoffrey, M.B., B.S.	1963	King, Tania Leonie, M.B., B.S.	1963
Kerr, Allen, Ph.D.	1956	Kingston, Anthony Ian, B.D.S.	1961
Kerr, Colin Gregory, M.A. (B.A., 1934)	1937	Kingston, John William, B.Tech.	1967
Kerr, David Ian Beviss, Ph.D. (B.Sc., 1947)	1954	Kingston, Patricia Joan, B.A.	1964
Kerr, Douglas Stuart, B.Tech.	1968	Kinloch, Anne Russell Leuthner, B.A.	1967
Kerr, John Elder, M.B., B.S.	1963	Kinloch, Hector Gilchrist Lusk MacTaggart, Ph.D. (Yale, 1960)	1961
Kerr, Sydney Challen, M.B., B.S.	1942	Kinlough, Margaret Anne, M.D. (M.B., B.S., 1958)	1963
Kerrisk, John Michael, B.Sc.	1965	Kinlough, Raelene Lorna, M.D. (M.B., B.S., 1961)	1967
Kerrison, John James, M.B., B.S.	1963	Kinnaird, Malcolm Alexander, B.E.	1959
Kerry, David George, B.Tech.	1966	Kinnane, Kenneth James, B.D.S.	1952
Kerry, Jack Chris, M.B., B.S.	1960	Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Kershaw, Allan James, B.E.	1965	Kinnear, Andrew Munro, B.E.	1950
Kerslake, William James, B.A.	1942	Kinnear, Gerald Campbell, M.B., B.S.	1961
Kersten, Lee Irving, B.A.	1959	Kinsman, Andrew Guise, B.E.	1954
Kessell, Abraham, M.B., B.S.	1955	Kirby, Barrie Michael, B.Sc.	1961
Kessell, John Samuel, M.B., B.S.	1923	Kirby, Charles William, B.Tech.	1961
Kessell, Maurice, M.B., B.S.	1950	Kirby, David Bevan, M.B., B.S.	1951
Kessell, Stephen Lackey, M.Sc. (B.Sc., 1917)	1927	Kirby, Paul Richmond, M.B., B.S.	1967
Kesting, Louis John, B.A.	1944	Kirby, Ronald Franklyn, B.Sc.	1964
Ketley, Anthony Layzell, B.A.	1965	Kirchhoff, Gerhard Otto Paul, Ph.D. (D.Phil., Freiburg, 1951)	1966
Ketley, Christopher Layzell, B.A.	1964	Kirk, Alexander Charles, B.Sc.	1963
Ketteridge, Colin Ralph, B.D.S.	1956	Kirke, Brian Kinloch, B.E.	1967
Ketteridge, Ian Bruce, M.E. (B.E., 1951)	1963	Kirke, David Kerry, M.B., B.S.	1964
Keynes, Donald Maynard, B.Tech.	1962	Kirkland, James Alexander, M.D. (St. Andrew's, 1962)	1965
Keynes, Doris Ruth, B.Sc.	1950	Kirkman, David Norton, M.B., B.S.	1947
Keynes, Nanette Joan, B.A.	1943	Kirkman, Edith Doreen, B.Sc. (M.B., B.S.)	1948
Keynes, Walter John, B.Tech.	1961	Kirkman, Kenneth Hainsworth, LL.B.	1951
Khadijah binti Karim, B.A.	1965	Kirkman, Lawrence Haywood, LL.B.	1949
Kho, Chin Heng, B.Sc.	1960	Kirkwood, John, B.D.S. (Sydney, 1954)	1962
Kho, Kay Keng, B.Med.Sc. (M.B., B.S.)	1965	Kirsch, Marina, LL.B.	1960
Kho, Phon Sai, B.Sc.	1967	Kirsten, Marcia Meymott, B.A. (Sydney, 1924)	1952
Khor, Teng Joo, B.A.	1963	Kirwan, Colleen Joy, B.Sc. (M.B., B.S.)	1956
Khor, Teik Hean, Michael, M.E. (B.E., 1959)	1955	Kissel, Thomas Alfred, B.A.	1964
Kidd, Barrington Horace, B.D.S.	1959	Kitchener, Martin John, B.E.	1957
Kidd, Rowland James, B.D.S.	1953	Kite, Robert Frederick, B.Sc.	1968
Kidman, John McIvor, B.A.	1967	Kitson, Mary Cecil, LL.B.	1916
Kiek, John Rollo, B.A.	1968	Kitto, Rodney Keith, B.Tech.	1959
Kiek, Laurence Edward, M.A. (B.A., 1947)	1949	Kiusalaas, Jaan, B.E.	1956
Kiek, Sidney Noel, B.Sc.	1939	Klaebe, Kenneth Eric, B.Sc. (B.A.)	1960
Kiek, Winifred, M.A. (B.A., Manchester, 1907)	1929	Klaebe, Robert John, B.D.S.	1961
Kierce, Paul Joseph, M.B., B.S.	1965	Klaebe, Ruth Adelaide, B.A.	1955
Kies, Alick Andrew, B.A.	1938	Klante, Joy Eleanor, M.B., B.S.	1947
Kieselbach, Patricia, B.A.	1961	Klau, Wilfred Albert, M.B., B.S.	1967
Kiesinger, Hans, B.A.	1967	Klaus, Cynthia Beaumont, B.Sc.	1963
Kijne, Jacob Willem, Ph.D. (Utah, 1964)	1965	Klemm, Anthony Desmond, B.Sc.	1953
Kikkert, Cornelis Jan, B.E.	1968	Kleeman, Alfred William, Ph.D. (B.Sc., 1933; M.Sc., 1935)	1966
Kikkert, John Nicolaas, B.Sc.	1967	Kleeman, John Douglas, B.Sc.	1955
Kildea, Hugh Bowden, M.B., B.S.	1965	Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1965
Kildea, Mary Francis, B.A.	1940	Kleeman, Peter Wallace, B.E.	1947
Kilgariff, Ian Warner, LL.B.	1964	Kleeman, Reginald Theodore, B.E.	1923
Kilgariff, Joseph Thomas, B.E.	1942	Kleemann, Colin Martin, B.E.	1939
Kilgariff, Ronald Desmond, B.Sc.	1948	Klein, Robert William, M.B., B.S.	1939
Killick, James Cassam, B.E.	1967	Kleinig, Cyril Raymond, B.Ag.Sc.	1950
Killmier, Arthur Clifford, B.A.	1929	Kleinig, John Wilfred, B.A.	1965
Kilmier, Betty Margaret, B.A.	1953	Kleitsch, Frederic, B.E.	1961
Kilpatrick, Diana Jeanette, B.Sc.	1966	Klemm, Anthony Desmond, B.Sc.	1966
Kilpatrick, Iain David, B.E.	1960	Klimaitis, Vytautas Victor, B.Tech.	1964
Kim, Shi-Mang, Peter, B.Sc.	1967	Klimowski, Leopold Richard, M.B., B.S.	1961
Kimber, Carlien Lorraine, M.D.	1965	Klingberg, David John, B.Tech.	1965
Kimber, Gillian, B.A.	1961	Kloeden, Louis Adolph, B.A.	1948
Kimber, Hugh Robert Reid, B.E.	1940	Kloogh, Noelene, B.Mus.	1966
Kimber, Jennifer, B.A.	1959	Kloot, Peter Michael, B.Ag.Sc.	1968
Kimber, Maxwell James, B.E.	1964	Klose, Alfred Emil Johannes, B.A.	1915
Kimber, Pamela, B.A.	1947	Klose, Brenton Rollo, B.E.	1963
Kimber, Richard John, B.D.S. (M.D. (M.B., B.S., 1961))	1953	Klose, Delrene Mary, B.A.	1965
Kimber, Robert James, B.A.	1960	Klose, Edwin Francis, B.Sc.	1959
Kimber, Ronald Walter Lincolne, Ph.D. (B.Sc., 1956)	1960	Klose, Thomas Richard, B.Sc.	1967
Kindler, John Ernest, M.E. (B.E., 1928)	1930	Kluht, Caroline Jennifer, B.A.	1963
King, Brian Maxwell, B.E.	1956	Knabe, Anne Norman, B.Mus.	1967
King, Bruce Charlton, B.Tech.	1967		
King, Colin George, B.D.S.	1938		
King, David McMillan, M.B., B.S.	1963		
King, Donald, M.Sc. (B.Sc., 1948)	1950		
King, Edwin George, B.A. (Western Australia, 1942)	1958		
King, Frances Mary, B.A.	1960		

\* Deceased





Lamphee, Catherine Elspeth, B.Sc.	1953	°Lawrence, Bruce Ernest, M.B., B.S.	1927
Lamshed, Albert Saville, B.A.	1950	Lawrence, Eflingham Frank, M.L.D., B.S.	1950
Lamshed, Brian Anthony, LL.B.	1968	Lawrence, James Roland, M.B., B.S.	1954
La Nauze, Barbara Burton, B.Sc.	1937	Lawrence, John Robert, B.E.	1957
La Nauze, John Andrew, B.A. (Oxford, 1934)	1935	Lawrence, Margaret Evelyn, B.A.	1959
Lancaster, Peter Eugene, B.A.	1968	Lawrence, Neville Clifford, B.Sc.	1967
Lander, Bruce Thomas, LL.B.	1968	Lawrence, Peter Cornelis, B.Ag.Sc.	1967
Lander, Harry, M.B., B.S.	1951	Lawrence, Robert John, B.A.	1953
Landers, John Albert George, M.B., B.S.	1967	Lawrie, Allan Leonard, B.App.Sc.	1965
Lane, Barbara Edith, B.Sc.	1960	Lawrie, David Charles, B.Sc.	1954
Lane, Douglas James, B.Sc.	1950	Lawrie, John Desmond, B.E.	1954
Lane, Frank John, B.Tech.	1968	Lawry, John Robins, B.A.	1961
Lane, John Edgar, Ph.D. (B.Sc., 1959)	1963	Lawry, Peter Sheldon, Ph.D. (B.Sc., 1960)	1967
Lane, Lionel Harold Davies, M.B., B.S.	1961	Lawry, Reginald Arthur, B.A.	1943
Lane-Smith, Ronald Frederick, B.Arch. (Manitoba, 1957)	1965	Laws, Keith William, B.D.S. (Sydney, 1924)	1925
Lang, Eric, M.E. (B.E., 1924)	1930	Lawson, Beverley Joy, B.Sc.	1959
Lang, Graham Bruce, B.Sc.	1958	Lawson, Frederick Henry, B.Sc.	1935
Lang, Ian Philip, B.Sc.	1951	Lawson, Margaret Elaine, M.B., B.S.	1955
Lang, Peter Barry, B.A.	1968	Lawson, Robert David, LL.B.	1967
Lang, Philip Roy, M.A. (B.A., 1923)	1929	Lawson, William Scott, M.B., B.S.	1954
Lang, Roger James, B.Ec.	1964	Lawton, Anthony Dean, B.Ec.	1962
Lang, Samuel Brambley, B.A.	1949	Lawton, Graham Henry, M.A. (Oxford)	1952
Lang, Sydney Chapman, B.A.	1896	Lawton, John William Magarey, M.D. (M.B., B.S., 1963)	1968
Lang, Timothy Ralston, B.Sc.	1964	Lawton, Peter Alan, B.Sc.	1950
Langdon, Rodney John, B.Tech.	1963	Lawton, Ralph Stanley, B.A.	1953
Lange, Volker Wolfgang, B.E.	1967	Laycock, Frederick John, M.B., B.S.	1941
Lange, Robert Terence, Ph.D. (W.A., 1961)	1963	Laycock, Geoffrey Clifton, B.A.	1952
Langevad, Eric James, B.E.	1933	Laycock, Margaret, B.A.	1954
Langfield, Penelope Jane, B.A.	1967	Laycock, Richard, M.B., B.S.	1965
Langford, Peter Angus, B.A.	1964	Layton, Robyn Ann, LL.B.	1964
Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942	Lazaroff, Nicholas, B.Sc.	1968
Langhans, Patricia Jean, B.A.	1962	Lazner, Jack, M.B., B.S.	1968
Langhans, Peter Richmond, B.Sc.	1968	Lazner, Margaret Ann, B.Sc.	1965
Langmaid, Malcolm Dean, B.E.	1968	Lea, Anthony Ramon Marc, B.A.	1961
Langman, Dawn Rolanda, B.A.	1967	Lea, David Alexander Maclure, B.A.	1958
Langman, Rodney Eric, B.Sc.	1968	Lea, John Francis Maclure, B.E.	1957
Langrehr, John Scott, B.Sc.	1960	Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924
Langridge, John Balcombe, Ph.D.	1956	Leach, Brian George, B.Sc.	1964
Langron, William Joseph, B.Sc.	1947	Leach, John Brian, B.D.S.	1947
Lansford, Diana, B.A.	1948	Leach, Raymond Basil, B.D.S.	1950
Lansford, Janice Cathryn, B.A.	1964	Leach, Robert William, B.A.	1950
Lansford, Nicholas Rowe, B.Sc.	1968	Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953
Lansford, Robert Bentley, B.A.	1967	Leach, William Valentine, M.A. (B.A., 1922)	1923
Langstaff, Lois, B.A.	1944	Leader, Barry Haynes, LL.B.	1967
Lamyon, Richard Ian, B.E.	1958	Leader, Haynes, LL.B.	1926
Lapidge, Jack Stanley, B.E.	1935	Leader, Merrilyn Muriel, B.A.	1968
Lapsys, Antanas Tomas, B.Arch.	1963	Leader, Wendy Marjorie, B.A.	1961
Laphome, Robert Ingersoll, B.A.	1967	Leahy, Kenneth Frank, M.B., B.S.	1968
Larter, Maureen Joyce, B.Mus.	1968	Leahy, Margaret Anne, M.B., B.S.	1968
Lasarewitch, Peter, B.A.	1967	Leak, Brian Hedley, B.A.	1954
Lashchuk, Karl Michael, M.B., B.S.	1968	Leak, Peter McKenzie, B.Sc.	1961
Laslett, Alan David, B.A.	1968	Leaker, David Wayne, B.Ec.	1966
Laslett, Alfred John, B.E.	1965	Leane, Peter Alan, B.Ec.	1963
Laslett, George Nield, B.A.	1951	Leaney, Cecil John, M.B., B.S.	1952
Laslett, Ian John, B.Sc.	1950	Leaney, Peter Anthony, B.D.S.	1954
Laslett, Robert Lacy, M.Sc. (B.Sc., 1960)	1964	Leaney, Roy Kent, B.A.	1947
Laslett, Rosalie Elisabeth, B.A.	1968	Lear, Susanne Margaret, B.A.	1968
Lasn, Kalle, B.Sc.	1962	Leask, John Hunter, B.E.	1928
Last, John Murray, M.D. (M.B., B.S., 1949)	1949	Leask, John James, B.E.	1960
Last, Peter Murray, M.B., B.S.	1952	Leaver, Edward, LL.B.	1928
Last, Raymond Jack, M.B., B.S.	1924	Leaver, Kenneth Batton, B.A.	1942
Latz, Clement Victor, B.Sc.	1955	Leaver, Sally Lucia Eulalie, B.Sc.	1956
Laubsch, Colin Andrew, B.Sc.	1951	Leckie, Alexander Joseph, Mus.Bac.	1913
Laughlin, Roger, Ph.D. (Durham, 1962)	1968	LeCornu, Colin George, B.A.	1954
Laughl, Keith Alexander, LL.B.	1927	Ledger, Gladys May, B.A.	1912
Laughton, Frances Elizabeth, B.A.	1941	Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906
Laughton, Rosemary Pauline, B.A.	1945	Leditschke, Brenton Ross, B.Tech.	1967
Laurence, Gerald Steven, Ph.D. (Leeds, 1961)	1962	Leditschke, Friedrich Berthold, M.B., B.S.	1924
Laurence, Joan Mary, B.A.	1935	Leditschke, John Frederick, M.B., B.S.	1957
Laurence, Christopher Forbes, M.B., B.S.	1964	Leditschke, Kathleen Dora, B.Sc.	1956
Laurie, Ian Stott, Ph.D. (Cambridge, 1962)	1966	Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955
Laurie, John Buxton, B.E.	1955	Leditschke, Ralph Colin, B.Tech.	1963
Laver, John Poynton, B.E.	1952	Ledo, John David, B.E.	1961
Laver, Peter Graham, B.Tech.	1966	Lee, Anthony George, B.Ec.	1968
Lavery, Christopher Soward, B.E.	1960	Lee, Anthony Ralph, B.Sc.	1966
Lavis, David Milton, B.Sc.	1949	Lee, Bing Kin, Thomas, B.Sc.	1966
Lavis, John Frederic, M.D.S. (B.D.S., 1945)	1954	Lee, Chin Tiong, M.B., B.S.	1957
Law, Gertrude Teresa, M.A.	1924	Lee, Christopher Robert, LL.B.	1961
Law, Richard Anthony, B.Ec.	1967	Lee, Chye Chow, M.B., B.S.	1955
Lawlor, Laurence Charles, B.E.	1965	Lee, David Harry, M.Sc. (B.Sc., 1961)	1964
Lawlor, Margaret Cecilia, B.Sc.	1964	Lee, Frank Milton, B.A.	1939
Lawrance, Robert, Ph.D. (M.Sc., 1958)	1965	Lee, Gary Norman, B.Tech.	1968
Lawrence, Alfred Oscar Platt, B.Sc.	1928	Lee, Geok Eng, B.Sc.	1967

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Lee, Heather Vivian, B.A.	1947	Leske, Michael Laurence, B.A.	1968
Lee, Hector John, M.Sc. (B.Sc., 1932)	1949	Leslie (nee Sharman), Florence Mary, M.A.	1919
Lee, Huat Chye, Jeffrey, B.E.	1965	Leslie, Jean, M.A. (B.A., 1920)	1932
Lee, Hui Ling, M.B., B.S.	1967	Leslie, Peter William, M.B., B.S.	1943
Lee, Janice Maree, B.A.	1967	Leslie, Robert Bradshaw, B.Sc.	1952
Lee, John Malcolm, B.A.	1967	Leslie, Warren Canmore, B.Sc.	1962
Lee, Kee Ching, B.E.	1958	Lesnikowski, Zdzislaw, B.Ec.	1960
Lee, Kevin John, B.E.	1954	Le Souef, John Dudley, M.B., B.S.	1948
Lee, Kim Cheng, B.Sc.	1966	Letcher, Herbert George, M.B., B.S.	1927
Lee, Kwok Ching, M.B., B.S.	1955	Lettberg, Astrid Irmgard, M.B., B.S.	1968
Lee, Kwok Poh, B.D.S.	1956	Levitt Solomon, M.B., B.S.	1950
Lee, Lance Maurice, LL.B.	1956	Levkovicz, Eva Maria, B.A.	1968
Lee, Michael John, B.A.	1968	Levy, Judith Anne Winstanley, M.Sc. (B.Sc., 1956)	1963
Lee, Moi Yin, B.Arch.	1967	Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952
Lee, Ping Wen, M.B., B.S.	1965	*Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926
Lee, Raymond Wilson, B.E.	1954	*Lewcock, Harry Kingsley, B.Sc.	1923
Lee, Ronald Milton, B.Tech.	1959	Lewis, Anthony Beresford, B.Ec.	1964
Lee, Sam Hong, B.E.	1967	Lewis, Arthur Sangster, B.E.	1930
Lee, Sam Kong, B.E.	1961	Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931
Lee, Seng Tek, M.B., B.S.	1965	Lewis, Basil Reece, B.Sc.	1944
Lee, Sheong-O, B.Tech.	1962	Lewis, Brenton Raymond, B.Sc.	1966
Lee, Siew Chow, B.E.	1965	Lewis, Brian Malcolm, B.Tech.	1962
Lee, Siew Vin, Helena, M.B., B.S.	1965	Lewis, Brian Murray, B.Sc.	1964
Lee, Soo Kwang, B.E.	1964	Lewis, Colin Hamilton, B.D.S.	1943
Lee, Spencer Adrian, LL.B.	1965	Lewis, David Alfred, B.Sc.	1943
Lee, Teck Chin, B.Ag.Sc.	1968	Lewis, David Grant, LL.B.	1963
Lee, Tian Chew, B.Tech.	1962	Lewis, David Gray, Ph.D. (B.Sc., 1949, M.Sc., 1957)	1964
Lee, Yee Cheong, B.E.	1961	Lewis, David James, B.Tech.	1968
Lee, Yuk Yan, B.E.	1966	Lewis, Eric, B.A.	1965
Leech, Jeremy Wilfrid, B.Sc.	1964	Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908
Leenders, Johannes Albertus, B.Tech.	1964	Lewis, Frederick Moore, B.A.	1961
Leepere, Rain, B.Sc.	1963	Lewis, Glen Arthur, B.E.	1949
Lees, Maxwell Laurence, B.E.	1966	Lewis, Gordon John, B.E.	1951
Lees, Rosmarie, B.A.	1968	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955
Leeson, Richard James, B.A.	1968	Lewis, Graham Neil, M.B., B.S.	1968
Legge, Flora, B.A.	1966	Lewis, Irene Gwendoline, B.Sc.	1907
Legoe, Christopher John, M.A. (Cambridge, 1954)	1961	Lewis, John Aylward, M.B., B.S.	1944
Lehman, Robert Brian, B.Tech.	1965	Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935
Lehmann, Philip Ross, B.Sc.	1965	Lewis, June Alison, B.Sc.	1964
Leibic, Albert Lawrence, B.A.	1966	Lewis, Keith Gray, B.Sc.	1940
Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926	Lewis, Keith William, B.E.	1952
Leidig, Nicholas Henry, B.Sc.	1968	Lewis, Kevin Joseph, B.D.S.	1933
Leifer, Michael, Ph.D. (London, 1959)	1960	Lewis, Leonard Arthur, B.Sc.	1949
Leigh-Jones, Peter, B.E.	1964	Lewis, Mary, B.A.	1949
Leitch, Ian Oliver Westwood, M.B., B.S.	1968	Lewis, Maureen, B.Mus.	1968
Lejejs, Inara, B.A.	1967	Lewis, Mervyn Keith, B.Ec.	1965
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947	Lewis, Michael Leslie, B.Ec.	1965
Leitch, Raymond John, M.B., B.S.	1956	Lewis, Milton John, M.B., B.S.	1967
Lekias, Michael Simon, M.B., B.S.	1955	Lewis, Norman Benjamin, B.Sc.	1947
*LeLacheur, Hellier, B.A.	1915	Lewis, Peter Alexander, B.E.	1957
Le Lacheur, Hellier, B.A.	1966	Lewis, Raymond Douglas, B.Sc.	1939
LeMaistre, Christopher William, B.App.Sc.	1964	B.A.	1959
LeMaistre, Ray Mauger, B.A.	1939	Lewis, Reginald William Frederick, B.E.	1925
Lemcke, Vincent Andrew Howard, B.A.	1940	Lewis, Richard Owen, B.A.	1951
LeMessurier, David Hugh, B.Sc.	1932	Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947
Le Messurier, David Hugh, B.Arch.	1966	B.A.	1952
*LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920	Lewis, Robyn, B.Sc.	1965
LeMessurier, Patricia Anne, B.A.	1959	Lewis, Roy Newman, B.Sc.	1945
LeMessurier, Robert Ernest, B.E.	1949	Lewis, Stella Constantine, M.B., B.S.	1962
Lemmey, Ford Prall, B.A.	1951	Lewis, Steve Constantine, B.E.	1964
Lemon, Arnold William, LL.B.	1936	Lewis, Stuart Hayes, M.B., B.S.	1950
Lemon, Meredith, B.Sc.	1965	Lewis, Trevor Frank, B.Tech.	1962
Lendon, Alan Harding, M.B., B.S.	1927	Lewis, William Albert, B.A.	1966
Lendon, Elspeth Lockett, B.A.	1950	Lewis, William Hooper, M.B., B.S.	1964
Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922	Leydon, Robert John, Ph.D. (B.Sc., 1961)	1965
Lennon, Vincent Francis Bennett, M.B., B.S.	1930	Leyland, Geoffrey Agar, M.B., B.S.	1944
Lentakis, John, B.Arch.	1968	Lian, Fook Nyeam, M.B., B.S.	1961
Lenthall, Robert Stewart Miller, M.B., B.S.	1968	Liau, Choon Fah, Gabriel, B.D.S.	1967
Leonard, Ian Ferguson, M.B., B.S.	1959	Liddiard, Kevin Charles, B.Sc.	1964
Leonard, Roger Ashley, B.A.	1964	Liddle, John Michael, B.Sc.	1964
Leong, Kong Mun, B.E.	1962	Liddle, Peter Francis, B.Sc.	1966
Leong, Luen Kit, M.E. (B.E., 1960)	1964	Liddy, Desmond Terence, B.Sc.	1950
LePage, Keith Ernest, M.B., B.S.	1952	Liddy, John Davis, B.E.	1966
LePage, Patricia Nadeane, B.A.	1956	Liddy, John Francis, B.E.	1952
LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960	Liddy, Peter Michael, LL.B.	1966
Le Page, Ronald Alfred, B.A.	1966	Lidums, Aivars, B.Tech.	1968
Leschke, Roger Bruce, B.A.	1968	Liebich, Alvin Frederick, B.E.	1940
Leske, Clemens Theodore, B.Mus. (Melbourne, 1947)	1966	Liepins, Ines, B.D.S.	1965
Leske, Clive William, B.E.	1950	Lieschke, Alister Headley, B.Sc.	1959
Leske, David, M.B., B.S.	1954	Liew, Nyok Kheng, B.Sc.	1964
Leske, Elmore, B.A.	1947	Liew, Tack Ming, B.D.S.	1961
Leske, Kenneth Berthold, B.Ag.Sc.	1948		

\* Deceased



Liew, Tack Wan, B.A.	1961	Linn, John Graham, M.B., B.S.	1950
Ligertwood, Andrew Leith Coutts, LL.B.	1967	Linn, John Malcolm, M.B., B.S.	1953
*Ligertwood, Sir George Coutts, B.A.	1908	Linn, Leslie Wadmore, M.B., B.S.	1918
LL.B.	1910	Linn, Matthew David, B.E.	1965
LL.D. (Western Australia, 1963)	1964	Lintern, Sue Michele, B.Sc.	1966
Ligertwood, James Arthur, B.E.	1950	Lintern, Susan Elizabeth, B.A.	1968
Ligertwood, Neil Coutts, LL.B.	1948	Liow, Yew Hock, B.A.	1966
Ligeti, Judith Margaret, B.A.	1965	Lipert, John Raymond, M.B., B.S.	1959
Ligeti, Piroška Magdolna, M.B., B.S.	1954	Lipman, Rex John, B.D.S.	1951
Lightburn, Kenneth Dale, B.E.	1963	*Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942
Lilburne, William Embleton, B.E.	1954	D.Sc.	1950
Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949	Lippett, Richard, M.B., B.S.	1957
Liljegen, David Roland, Ph.D. (B.Sc., 1959)	1963	Lister, James Dick, M.B., B.S.	1954
Lill, Donald Lester, B.Sc.	1967	Liston, Doreen Bice, B.A.	1965
Lill, John Charles, Ph.D. (B.E., 1955)	1962	Liston, Mary Howard, B.A.	1950
Lillecrapp, Douglas Arthur Julian, B.A.	1949	Litchfield, Jennifer Ann, LL.B.	1964
Lilley, Ross McCausland, B.Sc.	1967	Litchfield, Kenneth Lyle, LL.B.	1935
Lillie, Susan Jane, B.Sc.	1962	Lithgow, John Neville, B.Ec.	1958
Lillywhite, Cuthbert, B.Sc.	1899	Little, Donald Francis, B.A. (Sydney, 1950)	1968
Lillywhite, John Wilson, B.Sc.	1936	Little, Geoffrey Bruce, B.Tech.	1966
Lillywhite, Myra Jean, B.A.	1960	Little, John Anthony, B.E.	1957
Lim, Cheng Sang, B.Sc.	1963	Little, Kenneth Edgar Treloar, M.B., B.S.	1966
Lim, Chong Kooi, B.Arch.	1965	Little, Rowland Edmund, M.Sc.	1966
Lim, Giok Hwee, M.B., B.S.	1968	Littlely, Maralyn Joy, B.Ec.	1968
Lim, Heng Wah, B.Sc.	1966	Littler, John, M.B., B.S.	1966
Lim, Khai Leang, Ph.D. (B.Sc., 1959)	1965	Liu, Hua-An, B.E.	1957
Lim, Kim Boon, B.E.	1965	Liu, Lillian Ling, B.Sc.	1957
Lim, Kok Wah, B.Sc.	1968	Liu, Owen, B.E.	1954
Lim, Kwang Hua, B.E.	1957	Liverton, Timothy, B.Sc.	1968
Lim, Leong Geok, B.E.	1959	Livingstone, Rodney Simon, B.A. (Cam- bridge, 1956)	1960
Lim, Looi Cheang, M.B., B.S.	1965	Llewellyn, Joan Margaret, M.Sc. (B.Sc., 1945)	1951
Lim, Oon Hooi, B.Arch.	1967	Lloyd, Alan Russell, B.Sc.	1962
Lim, Teck Kah, B.Sc.	1964	Lloyd, Christopher Derek Viner, M.B., B.S.	1967
Lim, Thuan Khee, B.E.	1966	Lloyd, David George, B.Sc.	1966
Lim, Teow Chye, M.B., B.S.	1967	Lloyd, Denis Morrison, LL.B.	1938
Lim, Teow Wan, B.Sc.	1965	Lloyd, Douglas Edwin, B.A.	1966
Lim, Thian En, B.E.	1963	Lloyd, Edward John, B.Sc.	1959
Lim, Yean Kai, M.B., B.S.	1963	Lloyd, Elizabeth Ann, B.A.	1960
Lim, Yew Meng, B.Sc.	1964	Lloyd, Hugh Arthur, M.B., B.S.	1940
Lim, Yong Peng, B.Ag.Sc.	1957	Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1902
Limb, Christopher John, B.E.	1965	Lloyd, John Viner, M.B., B.S.	1964
Limmer, Allan Noel, M.B., B.S.	1959	Lloyd, Joycelyn Marie, B.A.	1959
Lin, Siang Kong, John, B.Sc.	1968	Lloyd, Judith Anne, B.Sc.	1961
Lin, Tung Keng, B.E.	1967	Lloyd, Thomas Rex Viner, B.E.	1932
Lincoln, Stephen Frederick, Ph.D.	1967	Loan, Edward Charles, B.A.	1903
Lindell, Geoffrey John, LL.B.	1965	Loan, Peter Macdonald, B.Sc.	1964
Lindemans, Willem, B.Sc.	1967	Lobscher, David John, M.B., B.S.	1955
Linden, Paul Frederick, B.Sc.	1967	Lochert, Paul Bertram, B.Sc.	1963
Lindner, Bernard Crawford, B.Sc.	1968	Lochert, Roslyn Marie, M.B., B.S.	1962
Lindner, John Alan, B.Sc.	1963	Lock, Dorothy Marie Jeanne, B.A.	1954
Lindner, Robert Ken, B.Ag.Sc.	1964	Lock, Maurice Joseph Bayard, B.Sc.	1967
B.Ec.	1967	Lockey, George William Albert, B.Sc.	1967
Lindon, John Leonard Henry, M.B., B.S.	1952	Lockwood, Dale Ruth, B.A.	1968
Lindon, Sir Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923	Lockwood, Dawn Margaret, B.Mus.	1968
Lindon, Marten Edward, M.B., B.S.	1953	Lockwood, Dianne Wendy, B.A.	1966
Lindop, Arthur Clive, B.Sc.	1964	Lockwood, Gregory John, B.A.	1965
Lindquist, Malcolm Dudley, B.Sc.	1965	Lockwood, John, B.Sc.	1964
Lindquist, William Francis, B.Sc.	1966	Lockwood, Keith Linwood, B.Sc.	1963
Lindsay, Jeanette, LL.B.	1963	Lockwood, Philip Anthony, M.A. (Cam- bridge, 1949)	1966
Lindsay, Keith Malcolm, B.A.	1939	Lockyer, George Alan, B.A.	1968
Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950	Lockyer, Kathleen Elaine, B.A.	1953
M.B., B.S.	1957	Lodge, John Kenneth Hyde, B.Ec.	1957
Lines, David Robin, M.B., B.S.	1961	Loechel, Beverley Claire, B.Sc.	1963
Lines, Dean Franc, B.Sc.	1944	Loffler, Donald Arthur, B.A.	1961
Lines, Edward Wolryche Low, B.Sc. (Tas- mania, 1915)	1933	Loffler, Keith Richard, B.Arch.	1965
Lines, George Edward, B.Ag.Sc.	1951	Loftus, Robin, B.A.	1968
Lines, Helen Nora, B.A.	1952	Logan, Ernest Albert William, B.A.	1937
Liney, Richard John, B.E.	1968	Loh, Soo Eng, B.Tech.	1964
Ling, Ai Mee, B.Sc.	1964	Loh, Soo Eng, B.E.	1966
Ling, John Kynaston, M.Sc. (B.Sc., 1954)	1956	Lohmeyer, Rex Howard, B.E.	1953
Ling, Robert Donald Hill, B.E.	1957	Lohmeyer, Vivian Keith, B.Ag.Sc.	1950
Ling, Sieng Hui, Charles, M.B., B.S.	1963	Lokan, Frances Anne, B.A.	1959
Ling, Siew May, B.Arch.	1964	Lokan, Keith Henry, B.Sc.	1954
Link, Ruth Elizabeth, B.A.	1968	Lokan, Robert Julian, B.Sc.	1967
Linke, Ambrose Neil, B.A.	1960	Loke, Wye Tuck, M.B., B.S.	1960
Linke, Hayden Neville, B.Sc.	1963	London, Jack Warfield, B.E.	1951
Linke, Innes Napier, B.Sc.	1965	Long, Barry Martin, M.B., B.S.	1968
Linke, John William, B.Sc.	1953	Long, Eileen Edith, B.A.	1939
Linke, Roslyn Kaye, B.A.	1963	Longbottom, David Cox, B.E.	1938
Linklater, Peter Munro, B.Ag.Sc.	1953	Longbottom, Graeme John, B.E.	1960
Linklater, Rodney Munro, B.E.	1953	Longbottom, Maxwell Ernest, B.A.	1962
Linn, Beryl Eileen, LL.B.	1933	Looi, Hoong Thoong, B.Arch.	1967
Linn, Helen Kathleen, B.Sc.	1950	Loeke, Eng, B.Sc.	1960
Linn, Howard Wadmore, M.D. (M.B., B.S., 1944)	1954	Looker, Arthur Jacob Henry, B.E.	1957

\* Deceased



McCarthy, Michael Anthony, B.E.	1968	McEwin, Roderick Gardner, M.B., B.S.	1944
McCarthy, Peter Justin, B.Med.Sc.	1964	McFarlane, Alan, B.E.	1953
McCarthy, Peter Paul, LL.B.	1924	McFarlane, Anthony Roderic, B.Sc.	1965
B.A.	1923	McFarlane, Eileen Dorothea, B.A.	1943
McCartney, James Elvins, M.D. (Edinburgh, 1922)	1953	McFarlane, Janet Anne, B.Sc.	1968
McCartyne, Josephine Mary, B.A.	1968	McFarlane, John Preiss, LL.B.	1936
McCaskill, Murray, Ph.D. (New Zealand, 1961)	1966	McFarlane, Peter William, B.A.	1967
McCloughry, Claude Lancelot, B.E.	1926	McFarlane, Trevor Hector, LL.B.	1937
McClure, James Barry Damian, B.Sc.	1964	McFarlane, William Hector, B.Ag.Sc.	1942
McCluskey, Eileen Patricia, B.Sc.	1966	McFeat, Richard Bruce, B.Sc.	1965
McConnon, James, B.A.	1925	McGarry, Peter Donald, B.Tech.	1966
McCormack, Donald Douglas, M.B., B.S.	1951	McGee, Colin Raymond, M.Sc. (B.Sc., 1953)	1963
McCormick, Charles William Diehl, B.E.	1953	McGee, John, LL.B.	1922
McCormac, Lesley Beryl, B.Sc.	1966	McGee, Skaidrite, B.A.	1959
McCounaig, Robert, LL.B.	1968	Macghey, Mary Veta, M.A. (B.A., 1919)	1930
McCoy, Donald George, Ph.D. (B.Sc., 1960)	1967	McGill, Ian Keith, M.A. (B.A., 1956)	1958
*McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928	McGlashan, John Eric, M.B., B.S.	1909
McCoy, William Taylor, M.B., B.S.	1956	McGlashan, John Gardner, M.B., B.S.	1942
McCredie, Andrew Dalgarno, Ph.D. (Hamilton, 1964)	1966	McGlashan (nee Gardner), Mary Beatrice, B.A.	1909
McCulloch, Ailsa, B.A.	1962	McGlashan, William Barry, B.Ag.Sc.	1951
McCulloch, Airdrie Cathcart, B.Sc.	1965	McGlew, Phyllis Dorothy, M.B., B.S.	1918
McCulloch, Deborah Jane, B.A.	1960	McGloughlin, Anthony William, B.Sc.	1965
McCulloch, Glen Anthony John, M.B., B.S.	1967	McGorman, Jill, B.A.	1966
McCulloch, Karla Elizabeth, B.A.	1963	McGovern, Thomas Henry, LL.B.	1951
McCullough, Amy Margaret, B.A.	1942	McGowan, Barry John, B.Ec.	1967
McCurdy, Brian, B.A.	1960	McGowan, Bruce William, B.Tech.	1962
McCusker, Anne Maire, B.E.	1968	McGowan, George Murray, B.A.	1938
McCusker, Charles Patrick, M.B., B.S.	1967	McGowan, Janet Elaine, B.A.	1967
McDermid, Neil Harvey, B.A.	1962	McGowan, Norman Leslie, B.E.	1950
McDermott, Kevin John, B.Tech.	1966	McGowan, Ursula, B.A.	1965
McDonagh, Kathleen Margaret, B.Sc.	1968	McGowran, Brian, Ph.D. (B.Sc., 1957)	1963
McDonagh, Oliver Ormond Gerard Michael, Ph.D. (Cambridge, 1952)	1964	McGowran, Myrie Irene, B.A.	1954
McDonald, Bruce Alexander, B.D.S.	1951	McGrath, Humphry Addison	1965
McDonald, Colin Robert, B.Sc.	1949	McGrath, Ivan Stanley, B.D.S.	1948
McDonald, Donald Charles, B.Tech.	1960	McGrath, James Patrick, B.A.	1955
McDonald, Donald Stuart, B.A.	1937	McGrath, Kelvin Paul, B.Sc.	1950
McDonald, Frances Mary, B.Sc.	1961	McGrath, Paul Matthew, B.Tech.	1962
McDonald, Gavin James, B.Tech.	1967	McGrath, Philip John, B.Sc.	1964
*McDonald, Gilbert Sherman, B.A.	1930	McGregor, Alan Gordon, LL.B.	1962
McDonald, Heather Hunter, B.Sc.	1949	McGregor, Alasdair, LL.B.	1963
McDonald, Hugh Thomas, M.B., B.S.	1953	McGregor, Gordon Thompson, B.A.	1950
McDonald, John Anthony, B.Sc.	1960	McGuire, Anthony, B.A.	1955
McDonald, John Gregory, M.B., B.S.	1956	*Machell, John Edward Lewis, B.Sc.	1948
McDonald, John Hunter, B.A.	1934	Machin, George Herbert, B.E.	1934
Macdonald, Keith Alexander, LL.B.	1932	Machlin, Simon, M.B., B.S.	1952
McDonald, Kenneth Duncan, B.Sc.	1951	McHugh, Edward Charles, LL.B.	1948
MacDonald, Malcolm Ross, B.D.S.	1963	McHugh, Graham Albert Charles, B.Sc. B.Ec.	1961
McDonald, Margaret Doreen, B.Sc.	1959	McInerney, Brian Thomas, B.Tech.	1959
McDonald, Neil George Alexander, B.Ag.Sc. B.Ec.	1965	McInerney, Peter John, B.A.	1967
McDonald, Percy William, B.A.	1932	McInerney, Thomas John, B.Sc.	1949
McDonald, Peter Baker, B.A.	1950	*McInerney, Thomas Taylor, LL.B.	1939
McDonald, Peter de Paul, B.D.S.	1953	McInnes, Douglas Bruce, B.E.	1966
McDonald, Peter James, M.B., B.S.	1967	McInnes, Ian Donald, B.D.S.	1957
McDonald, Robert, B.E.	1967	McIntosh, Andrew Lochiel, B.E.	1962
McDonald, Ross, LL.B.	1913	McIntosh, David Cameron, B.Tech.	1965
Macdonald, Ross Lindsay, B.Arch.	1968	McIntosh, Gerald Alexander, M.B., B.S.	1944
McDonnell, Desmond Leo, M.B., B.S.	1958	McIntosh, Howie James, B.E.	1927
McDonnell, Eileen Mary, B.A.	1929	MacIntosh, Ian, M.B., B.S.	1964
McDonnell, Eileen Mary, B.A.	1943	McIntosh, Neil Adair, M.B., B.S.	1963
McDonnell, Ian Peter, LL.B.	1966	MacIntosh, Ronald MacKenzie, M.B., B.S.	1941
McDonnell, Thomas Peter, B.Sc.	1966	McIntyre, Angus, M.B., B.S.	1968
McDougall, Elisabeth, B.A.	1942	McIntyre, Robert Ian, B.Sc. B.E.	1965
McDougall, Jennifer Mary, B.A.	1964	McIntyre, Ruth Agnes, M.B., B.S.	1967
McDougall, John, B.E.	1943	Melvor, Lenore Claire, B.Sc.	1966
McDowall, Barry Patrick, B.Sc.	1954	Mack, Allan John, B.Tech.	1964
McDowall, James, B.A.	1966	Mack, Douglas Urban Gilbert, B.A.	1940
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948	Mack, Judith Betty, B.A.	1966
McEachern, Morven, B.D.S.	1927	McKail (nee Boyer), Gertrude Mary, B.A.	1912
McElhinney, John Neil, LL.B.	1967	Mackall, John William, LL.D. (Edinburgh)	1923
McElroy, Barrie Ivon, B.A.	1967	Mackness, George Bellamy, M.B., B.S. (Sydney, 1945)	1964
McEvoy, Aloysius John, B.A.	1937	McKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924
McEvoy, Frances, B.Sc.	1952	McKay, Barry Vincent, B.Tech.	1964
McEvoy, Peter John, M.B., B.S.	1969	McKay, Brian John, B.E.	1961
McEwan, Lena Elizabeth, M.B., B.S.	1949	McKay, Charles Anthony, LL.B.	1966
McEwen, William Alan, M.B., B.S.	1963	McKay, David James, B.Sc.	1964
McEwin, Adrian Gardner, B.Sc.	1958	McKay, Douglas Gordon, M.B., B.S.	1927
McEwin (nee Marshall), Betty Waddell, B.Sc.	1943	McKay, Eleanor May, B.A.	1967
McEwin, George Richard John, M.B., B.S.	1968	McKay, Gordon Charles, M.B., B.S.	1961
McEwin, Jane Elizabeth, B.A.	1968	Mackay, Heather Margaret, Mus.Bac	1964
McEwin, John Neil, LL.B.	1928	Mackay, Malcolm George, B.A.	1947
McEwin, Keith, M.B., B.S.	1912	McKay, Malcolm William, B.A.	1936
		McKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	1938
		McKay, Margaret Joy, B.A.	1968

\* Deceased

McKay, Maureen Gordon, B.Sc. - - - -	1949	McLeod, John Kenneth Allister, B.E. - - -	1960
McKay, Ronald George MacAlpine, M.B., B.S. - - - -	1941	McLeod, Peter John, B.Ec. - - - -	1963
Mackay, Samuel Angus, B.Sc. - - - -	1921	McLoughlin, Carmel, B.A. - - - -	1962
McKay, William Alfred, M.A. - - - -	1937	McLoughlin, Neville John, B.A. - - - -	1967
McKechnie, Alan Francis Clark, B.E. - - -	1924	McLoughlin, Vincent Patrick, B.A. - - -	1949
McKechnie, Elizabeth Lawson, B.A. - - -	1926	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
McKechnie, Jennifer Anne, B.Sc. - - - -	1965	McMahon, Francis, B.A. - - - -	1962
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	McMahon, Francis Leslie, B.Ec. - - - -	1951
McKee, Stephen Kiffin, B.Sc. - - - -	1967	McMahon, Kerry Theresa, B.Sc. - - - -	1968
McKee, William Dennis, B.Sc. - - - -	1965	McManus, John Bernard, M.Sc. (B.Sc., 1954) - - - -	1965
McKellar, John Ralph, Ph.D. (B.Sc., 1926)	1964	McMaster, Lewis Charles, B.Ag.Sc. - - -	1967
McKelvie, Donald, B.Sc. - - - -	1953	McMichael, Anthony John, M.B., B.S. - - -	1967
McKenna, Donald George, M.B., B.S. - - -	1949	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
McKenna, Keith Patrick, M.B., B.S. - - -	1953	McMichael, Kenneth Price, B.E. - - - -	1950
McKenzie, Allister Roy, Ph.D. - - - -	1967	McMillan, Barry Frederick, B.Ec. - - - -	1962
McKenzie, Andrew Robert, B.A. - - - -	1968	McMillan, James William, M.B., B.S. - - -	1952
McKenzie, Diane Judith, B.Pharm. - - - -	1968	McMillan, Raymond, B.E. - - - -	1949
McKenzie, Donald Keith, M.B., B.S. - - -	1927	McMillan, Stanley Lyall, B.Sc. - - - -	1949
MacKenzie, Euan Chisholm, Ph.D. (Birmingham, 1964) - - - -	1967	B.A. - - - -	1959
MacKenzie, Helene Marie, B.A. - - - -	1964	McMutrie, Alan Ian, B.A. - - - -	1935
Mackenzie, Ian Andrew, B.D.S. - - - -	1964	McMutrie, Ian Hugh, B.Sc. - - - -	1958
McKenzie, Jean, B.Sc. - - - -	1954	McMutrie, Peter Roderick, M.B., B.S. - - -	1966
McKenzie, John, LL.B. - - - -	1961	McMutrie, Winifred Joan, B.A. - - - -	1935
McKenzie, Malcolm, B.A. (Melbourne, 1957)	1965	McNally, John Neilson, M.Sc. (B.Sc., 1953)	1963
McKenzie, Mary, M.B., B.S. - - - -	1946	McNally, Marie Carmel, B.A. - - - -	1961
McKenzie, Reginald Murray, B.Tech. - - -	1958	McNamara, Agnes, B.A. - - - -	1937
McKie, David George, B.A. - - - -	1968	MacNamara, Frances Margaret, B.A. (Sydney, 1942) - - - -	1967
McKie, David Graham, B.A. - - - -	1958	McNamara, James Michael, B.D.S. - - - -	1968
Mackie, Dean Graham, M.B., B.S. - - - -	1953	McNamara, Robert Patrick, B.A. - - - -	1967
McKie, Duncan, Mus.Bac. - - - -	1938	McNeil, Ian (formerly John), M.B., B.S. - - -	1918
McKie, Ian William, B.A. - - - -	1964	McNeil, Philippa Florence, B.A. - - - -	1952
Mackie, James Joseph, B.E. - - - -	1953	McNeil, Roderick, B.Ec. - - - -	1964
McKiggan, Ian Finlay, B.Sc. - - - -	1966	McNicol, David Williamson, B.A. - - - -	1937
McKinley, Margaret Bernadette, B.Sc. - - -	1968	McNicol, Donald, B.A. - - - -	1964
McKinnon, Alan George, M.B., B.S. - - -	1964	McNicol, John Howard, B.Sc. - - - -	1953
McKinnon, Bruce John, B.A. - - - -	1964	McNicol, Nicol Alexander, B.Ag.Sc. - - -	1963
McKinnon, Donald Campbell, M.B., B.S. - - -	1957	Maconochie, John Richard, M.Sc. (B.Sc., 1964) - - - -	1968
McKinnon, George Clarence, B.Sc. - - - -	1933	McPharlin, Alison Tudor, B.A. - - - -	1952
McKinnon, Heather Campbell, B.A. - - - -	1952	McPharlin, Deane, B.Sc. - - - -	1945
McKinnon, John Desmond, B.D.S. - - - -	1951	McPharlin, Jeffrey, B.Tech. - - - -	1961
McKinnon, Robert Campbell, B.A. - - - -	1934	McPharlin, Terry Wayne, B.Sc. - - - -	1968
McKinnon, Robert Keith, B.E. - - - -	1950	McPheat, Ian William, B.E. - - - -	1957
McKinnon, Ross Charles, M.B., B.S. - - -	1952	McPheat, Leslie John, B.E. - - - -	1957
Mackintosh, Bertine Janet Cameron, M.B., B.S. (Aberdeen, 1947) - - - -	1965	McPhee, Brian, B.Ec. - - - -	1959
McKirdy, David Malcolm, B.Sc. - - - -	1967	McPhee, Wendy Jean, B.A. - - - -	1960
McKittrick, Coral Yvonne, B.A. - - - -	1961	McPherson, Alexander Owen, B.Sc. (M.A. (B.A.), 1931) - - - -	1933
McKittrick, Ronald Brian, B.E. - - - -	1963	McPherson, Ian Charles, B.Ec. - - - -	1967
Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	1927	McPherson, Janet Lees, B.Sc. - - - -	1967
Macklin, Laura Muriel Caterer, B.A. - - -	1934	McPherson, John Duncan, B.Tech. - - - -	1964
Macklin, William Charles, M.Sc. (B.Sc., 1952) - - - -	1956	McPherson, John Ian, B.Tech. - - - -	1962
McLachlan, Ian Douglas, B.Ec. - - - -	1967	McPherson, John Roger, B.A. - - - -	1965
McLachlan, Margaret Elizabeth, LL.B. - - -	1959	McPherson, Margaret Helen, B.A. - - - -	1951
McLarty, Gwendoline, M.B., B.S. - - - -	1961	McPherson, Mary, B.A. - - - -	1947
McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935) - - - -	1947	McPherson, Reginald Murray, B.A. - - - -	1947
McLarty, William, M.B., B.S. - - - -	1961	McPherson, Robert Keith, B.Arch. - - - -	1963
McLaughlin, Eric Enstone, LL.B. - - - -	1935	McPherson, Sally Angela, B.Mus. - - - -	1968
McLaughlin, Eugene, M.B., B.S. - - - -	1922	McPherson, Shirley Helen, B.A. - - - -	1945
McLaughlin, Ian Leonard, Ph.D. (B.Sc., 1960) - - - -	1966	McPhie, Jean Elsbeth, B.Sc. - - - -	1945
McLaughlin, Moira Clare, B.Sc. - - - -	1957	McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957
McLay, Andrew Harold, B.A. - - - -	1953	McQuade, Joseph Aloysius, M.B., B.S. - - -	1956
McLean, Albert Eric, M.A. (B.A., 1928) - - -	1931	McQueen, George Hugh, M.B., B.S. (Melbourne) - - - -	1947
McLean, Alexander John, M.E. (B.E., 1961)	1968	McRae, Colin James, B.Tech. - - - -	1962
McLean, Dorothy Alice, B.A. - - - -	1927	McRae, Donald Ian, B.E. - - - -	1966
McLean, Ian Weymouth, B.Sc. - - - -	1952	McRae, Lindsay Jean, B.Sc. - - - -	1967
McLean, Lancelot Henry Archibald, B.E. - - -	1960	McRae, Robert Alexander, LL.B. - - - -	1964
McLean, Murray Colin, B.A. - - - -	1949	McRae, Terence Michael, LL.B. - - - -	1962
McLean, Reginald Alexander, B.A. - - - -	1932	McRobert, Helen Angus, M.B., B.S. - - -	1949
McLean, Sibley Jean, M.Sc. (B.Sc., 1945)	1951	MacSkimming, Walt Ronald Auscot, B.A. - - -	1950
McLean-Smith, Judith Mary, B.Sc. - - - -	1968	McWaters, Ian Donald, B.Sc. - - - -	1963
McLeay, Colin James, M.B., B.S. - - - -	1956	McWhae, Douglas Hope, M.B., B.S. - - -	1945
McLeay, Donald Alexander Ross, B.Arch. - - -	1965	Maddeford, Sheila Lamont, LL.B. - - - -	1927
McLeay, Donald Barton, M.B., B.S. - - - -	1947	Madden, Cecil Pomeroy, B.D.S. - - - -	1951
McLeay, Elizabeth Ann, B.A. - - - -	1967	Madden, John Pearce, M.S. (M.B., B.S., 1948) - - - -	1966
McLeay, Helen Mary, B.A. - - - -	1950	Madden, John Warrenne, B.A. - - - -	1968
McLennan, Heather Margaret, B.Sc. - - - -	1958	*Madden, Martin Randall Foss, B.A. - - - -	1937
McLennan, Peter, B.Arch. - - - -	1967	Madden, Max Wilfred, B.Sc. - - - -	1953
McLennan, James Sydney Kilcoy, LL.B. - - -	1966	M.B., B.S. - - - -	1960
McLeod, Allan John, B.Sc. - - - -	1939	Madden, Robert Henry, B.Ag.Sc. - - - -	1967
McLeod, Douglas Burton, LL.B. - - - -	1952	Maddison, Brian Joseph, B.Sc. - - - -	1967
McLeod, Janet Gertrude, B.A. - - - -	1963	Mader, Merrill Kay, B.Sc. - - - -	1963

\* Deceased

Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	Mander, Suzanne Flora, B.Sc.	1949
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	Manea, Ernest Cosmo, M.B., B.S.	1949
Madigan, David Cecil, B.Sc.	1937	Manea, Spero, M.B., B.S.	1952
Madigan, Dorothy Honora, B.A.	1962	Manassis, Peter Christopher, M.B., B.S.	1952
Madigan, James Francis, B.E.	1952	Mangan, John Arthur, LL.B.	1957
Madigan, Michael Roebourne, M.B., B.S.	1952	Manhood, Cleve Charles, M.A. (B.A., 1962)	1968
B.Sc.	1953	Manifold, John Mander, B.Ec.	1967
Madigan, Paul Edward, LL.B.	1922	Mann, Airdrie Jean, B.A.	1958
Madigan, Russel Tullie, M.E.	1957	Mann, Edward Thomas, B.E.	1953
LL.B.	1960	*Mann, Gertrude Irene, B.A.	1919
Madison, Thomas Clover, M.B., B.S.	1948	Mann, William Eric, M.B., B.S.	1958
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	Mannam, John, Ph.D. (Birmingham, 1955)	1960
D.Sc.	1907	Mannes, Sylvester Joseph, B.A.	1938
Maegraith, Brian Gilmore, C.M.G., M.B., B.S.	1930	Mannik, Ado, B.A.	1966
Maelzer, Derek Alan, Ph.D.	1958	Mannik, Maire, B.Sc.	1968
Maerschel, Barbara, B.A.	1951	Manning, Kathleen Anne, M.B., B.S.	1958
Maerschel, Richard John, B.Sc.	1965	Manoel, Eva Mary, B.A.	1938
Magarey, Alexander Roy, M.B., B.S.	1941	Manoel, Peter James, B.E.	1967
*Magarey, Ashley Henderson, LL.B.	1938	Manos, Michael Stanley, B.Tech.	1967
M.B., B.S.	1940	Manos, Nick Stan, LL.B.	1962
Magarey, Brian Attwill, LL.B.	1948	Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949)	1960
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	Manser, William Lloyd, B.A.	1962
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Mansfield, Eric William, B.E.	1950
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	Mansfield, John Ronald, LL.B.	1968
Magarey, Katherine Ashley, B.Sc.	1949	Mansfield, Joseph John, M.B., B.S.	1962
Magarey, Kathleen de Brett, B.A.	1921	Mansfield, Peter Geoffrey, B.Sc.	1967
B.Sc.	1932	Mansfield, Richard Charles, B.A.	1966
Magarey, Kevin Barry, B.A.	1950	Mansfield, William Walladge, B.Sc.	1943
Magarey, Paul Robertson, B.E.	1952	Manson, James Ian, M.B., B.S.	1953
Magarey, Robert Richmond, M.B., B.S.	1951	Manson, Jillian Mary, B.A.	1960
*Magarey, Rupert Eric, M.B., B.S.	1904	Manthey, Peter William, B.Tech.	1964
Magarey, Susan Margaret, B.A.	1965	Manthorpe, Thomas Dion, M.B., B.S.	1951
Magasidi, Creston Ivan, M.B., B.S.	1962	Manuel, Deane James Hubert, B.Ec.	1950
Magor, Clifford James, M.A. (B.A., 1927)	1932	B.A.	1959
Magor, Irvine Frank, B.A.	1938	Manuel, James Douglas, B.A.	1944
Magor, Margaret Elizabeth, B.A.	1955	Manuel, Josephine Gertrude Kamala, M.B., B.S.	1960
Magor, Roger James, B.Sc.	1966	Manuel, Peter James, B.A.	1966
Magor, Ruth Errington, B.A.	1965	March, Neil Carter, B.Tech.	1962
Magor, William Alwyn Roy, B.A.	1963	Marchant, Harvey John, B.Sc.	1968
Maguire, Catherine Rose, B.A.	1965	Marcus, Eva Bessie, Mus.Bac.	1960
Maguire, Graham Ross, B.Ec.	1968	B.A.	1961
Maguire, John Charles, B.A.	1941	Marcus, Irving, M.B., B.S.	1951
Maguire, Maurice Glen, M.B., B.S.	1953	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
Magzoub, Mohammed Ahmed, M.Sc.	1964	Marinkovich, Nevin John, M.B., B.S.	1958
Mahar, Alan Dalton, B.A.	1966	Marinoff, George Michael, B.Sc.	1968
Maier, John George, LL.B.	1958	Marinos, Nicos George, Ph.D.	1958
Mai, Francois Marie Martin, M.B., B.S. (M.B., Ch.B., Capetown, 1957)	1965	Marinov, Nevena, B.D.S.	1962
Maiden, Leslie Carrington, B.D.S.	1924	Markandoo, Jegatheeswary, M.B., B.S.	1967
Maidment, Sydney Gordon, LL.B.	1962	Marker, William Herman, B.E.	1949
Main, Arthur Charles, B.E.	1926	Markey, Gregory Barton, M.B., B.S.	1953
Main, James Millar, B.A. (Melbourne, 1944)	1966	Markham, Neville Lawrence, B.Sc.	1952
Mainelis, Grazina Marija, B.Sc.	1968	Marks, Donald Adrian, B.Ec.	1962
Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959	Marks, Bernadette Joan, B.Sc.	1960
Mair, Robert Ian, B.Sc.	1964	Marks, Joseph Anthony, B.Ec.	1967
Maitland, Ian Boyd Gibb, B.E.	1963	Marks, Monica Mary, B.A.	1956
Maitland, James Angus, LL.B.	1932	Marks, Patricia Jean, B.A.	1966
Major, Anthony Douglas, B.Sc.	1967	Marlow, Alfred Dudley Roy, B.Sc.	1938
Major, David John, B.Tech.	1963	Marlow, Christopher Roy, B.Sc.	1965
Major, John Thornton, B.Tech.	1962	Marlow, Geoffrey O'Halloran, B.E.	1965
Major, Robert Bradshaw, B.Sc.	1964	Marlow, Robert Buxton, B.Sc.	1966
Mak, Kai Tye, B.E.	1957	Marmion, Robert James, B.Sc.	1918
*Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906	Maros, Michael, B.Arch.	1966
Makris, Steve, B.Sc.	1967	Marrett, Robin Allan, B.E.	1963
Male, David John, B.E. (M.A., Cambridge, 1951)	1968	Marriage, Allan John, M.Sc.	1965
Mallan, James Michael, B.D.S.	1927	Marriner, Frank Wilfred, B.Sc.	1949
Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958	Marriott, John Edward, B.D.S.	1951
Mallen, Sir Leonard Ross, M.B., B.S.	1925	Marriott, Kenneth Bruce, B.A.	1967
Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943	Marriott, Peter Frederick, M.B., B.S.	1965
Malone, Bruce Edward Frederick, B.Tech.	1959	Marriott, Valmai Dawn, B.A.	1959
Malone, John Leo, B.A.	1968	Marsden, Julia Meredith, B.A.	1965
Malone, Kathleen Mary, B.Ec.	1966	Marsh, Charles William, B.E.	1950
Maloney, Ann Therese, B.A.	1968	Marsh, John Albert, B.Sc.	1952
Maloney, Joan, B.A.	1951	Marsh, Judith Irene, B.Sc.	1958
Maloney, Margaret Joan, B.Sc.	1962	Marsh, William Clarence, B.A.	1966
Maloney, Martin James, B.E.	1928	Marshall, Allan George, B.Tech.	1959
Maloney, Vernon Thomas Steven, B.Sc.	1929	Marshall, Annie, M.Sc. (Melbourne, 1930)	1954
Manap, Abdul bin Ahmad, B.Sc.	1963	Marshall, Ashley, LL.B.	1965
Mander, Lewis Norman, Ph.D. (Sydney, 1965)	1967	Marshall, Brian David, B.Tech.	1968
*Mander, Linden Alfred, M.A. (B.A., 1917)	1920	Marshall, David John, M.B., B.S.	1965
		Marshall, Glenda, B.A.	1967
		Marshall, Herbert Edmund, B.A.	1940
		Marshall, Janette Ruth Watson, M.B., B.S.	1953
		Marshall, John, LL.B.	1962
		Marshall, Keith Douglas, LL.B.	1965
		Marshall, Lyle Gordon, B.E.	1956

\* Deceased

Marshall, Marilyn Gray, B.A.	1965	Mason, Joanne Lesley, B.A.	1968
Marshall, Nicholas James, B.Sc.	1961	Mason, Malcolm Geoffrey, B.Sc.	1965
Marshall, Robert James, B.A.	1966	Mason, Neil, B.A.	1965
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929)	1933	Mason, Robert Claud, B.Sc.	1951
M.Ag.Sc.	1933	Massey-Westrop, Ralph Alan, Ph.D. (Manchester, 1958)	1962
Marshall, Willis Raymond, M.B., B.S.	1965	Masters, Bernard Lincolne, B.A.	1959
Marshall, William Edward, B.A.	1967	Masters, Marjorie, B.A.	1945
Marshman, Ashley Mead, B.A.	1936	Masters, Ross Lincolne, B.Sc.	1924
Marshman, Wesley Melvyn Tiller, B.D.S.	1924	Materne, Desmond Eric, B.A.	1956
Marston, Colin Frederick, B.E.	1951	Materne, Maurice Ernest, M.B., B.S.	1956
*Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959	Materne (nee Kohlshagen), Myra Audrey, B.Sc.	1955
Marten, Carol Anne, B.A.	1968	Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942)	1944
Marten, Robert Humphrey, jun., B.A. (Cam- bridge, 1912)	1913	Mathers, Roger Barry, B.Sc.	1966
Martens, Judith Suzanne, B.Sc.	1964	Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Martin, Alfred Irwin, B.E.	1928	Matheson, Pamela, B.Sc.	1949
Martin, Alfred William, B.A.	1950	Matheson, Roderick Grant, LL.B.	1952
Martin, Allan Richard, B.Tech.	1966	B.A.	1953
Martin, Allan William, Ph.D. (A.N.U., 1956)	1965	Matheson, William Edmund, M.Ag.Sc. (B.Ag.Sc., 1952)	1968
Martin, Amalia Anna, B.A.	1930	Mathews, Coran Grant, B.E.	1965
Martin, Arthur Bruce, M.B., B.S.	1956	Mathews, David Stanley, B.Sc.	1938
Martin, Barry Wayne, B.Tech.	1961	B.A.	1940
Martin, Bernice Wilma, B.A.	1945	Mathews, John Hugh, B.Sc.	1962
Martin, Beryl Claire, B.A.	1952	Mathews, Kenneth Elliott, B.E.	1953
Martin, Bruce Bamford, B.Sc.	1957	Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950)	1953
M.B., B.S.	1963	Mathias, Brian Morgan, B.E.	1952
Martin, Bruce Peter, B.E.	1954	Mathison, Marjorie Jean, Ph.D. (Cambridge, 1950)	1954
Martin, Charles Burton, B.A. (Boston, 1948)	1954	Mathison, Murray John, B.Ag.Sc.	1960
Martin, Sir Charles James, D.Sc. (London, 1896)	1931	Matigal, Boniface Poinon, B.A.	1966
Martin, David Elwes, B.E.	1947	Matison, David Michael, M.B., B.S.	1966
Martin, David Montgomerie, B.Sc. (Eng.)	1945	Matison, Victor Charles, LL.B.	1968
Martin, David Keith, B.Sc.	1962	Matousek, Vladislav, M.B., B.S.	1961
Martin, Donalda Arlie, B.A.	1968	Matson, Anne-Marie, B.Sc.	1968
Martin, Donald Leslie, B.E.	1956	Matters, Horace John, B.A.	1950
Martin, Frederick Clarence, M.A. (B.A., 1927)	1932	Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929
Martin, George Stanley, B.A.	1966	M.S.	1935
Martin, Graeme Lewis, B.E.	1963	Matthew, Evelyn Maime, B.Sc.	1957
Martin Helene Alice, M.Sc. (B.Sc., 1954)	1961	Matthew, Ian George, Ph.D. (B.E., 1956)	1960
Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952	B.Sc.	1954
Martin, Ian Scott, B.Ec.	1962	Matthew, Peter Wayne, B.E.	1966
Martin, Jeanne Mary, B.A.	1953	Mathews, Brian Wesley, Ph.D. (B.Sc., 1959)	1964
Martin, Jennifer Anne, B.A.	1967	Mathews, Donald Graham, B.Sc.	1967
Martin, John Claude, LL.B.	1905	Mathews, Harold Pffaum, B.E.	1927
Martin, John Gerald, B.E.	1955	Mathews, Lindsay Valentine, B.Ag.Sc.	1966
Martin, John Ralph, M.B., B.S.	1965	Mathews, Maurice John, M.B., B.S.	1944
Martin, John Trevor, M.B., B.S.	1962	Mathews, Richard Clive, M.B., B.S.	1963
Martin, John William, B.A.	1964	Mathews, Richard Trahair, B.A.	1941
Martin, Kathleen Frances, B.A.	1965	Mathews, Robert Stephen, B.Sc.	1948
Martin, Keith George, B.Sc.	1952	Mathews, Terry Alan, B.Sc.	1964
Martin, Sir Leslie Harold, C.B.E., D.Sc. (Australian National University, 1951)	1967	Mattingley, Brian John, B.A. (Tasmania, 1937)	1938
Martin, Leslie James, B.Ec.	1960	Mattinson, William Edward John, B.E.	1963
Martin, Leslie Meredith, B.A.	1961	Mattiske, David Donald, B.E.	1961
Martin, Lincoln William, M.B., B.S.	1931	Mattner, Aubrey Laurence, B.Sc.	1962
Martin, Lynette Ruth, B.Sc.	1967	Mattner, Charles Prince, M.B., B.S.	1960
Martin, Maurice Leon, Ph.D. (B.Sc., 1945)	1968	Mattner, Ivy Ida, B.A.	1948
B.A.	1954	Mattner, Philip Edward, B.Ag.Sc.	1949
Martin, Melville, B.Ec.	1961	Mattner, Richard Hocking, B.E.	1952
Martin, Michael Rex, M.B., B.S.	1963	Mattschoss, Dennis Eugene, B.Ec.	1964
Martin, Patrick Lawrence, B.D.S.	1954	Matulich, Ross Noel, LL.B.	1950
Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	1957	Matz, Leonard Raymond, M.B., B.S.	1958
Martin, Rae Lynette, B.A.	1968	Mau, Desmond Peter, B.Sc.	1968
Martin, Ralph Keith, B.A.	1947	Mauger, Alan Harris, M.B., B.S.	1955
Martin, Robert Stanford, B.Tech.	1968	Mawby, Olga Gates, B.A.	1922
Martin, Stanley Bamford, M.B., B.S.	1946	Mawson, Jessica Quita, B.Sc.	1939
Martin, Terence Edwin, B.Sc.	1962	Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936)	1938
Martin, Trevor Wallis, B.D.S.	1950	Maxwell, George Morrison, M.D. (Edin- burgh, 1954)	1960
Martin, Ursula Glennis, B.A.	1967	Maxwell, John Roslyn, M.B., B.S.	1965
Martin, Walter Raymond, B.A.	1938	May, Anthony James, B.Sc.	1968
*Martin, William Thomas, B.A.	1914	May, Arthur Harold, B.A.	1968
Martinkus, Sigitas, M.B., B.S.	1961	May, Brian Kenneth, B.Sc.	1966
Marwood, Warren, B.Sc.	1968	May, Dorothy Mary, B.A.	1938
Marzo, Leo Alfred, M.B., B.S.	1957	May, Elizabeth Ann, B.Sc.	1962
Marzola, Mario, M.B., B.S.	1967	May, Ernest John, B.A.	1961
Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947	May, Geoffrey Ernest, B.Ec.	1957
Mashford, Maurice Laurence, M.B., B.S. (Sydney, 1953)	1964	May, James Richard, B.E.	1958
Maslakai, Katrina, B.A.	1967	May, John Arthur, B.Sc.	1964
Maslen, Grant Lewis, B.E.	1955	May, John Colwyn, M.B., B.S.	1958
Mason, Bruce, B.Sc.	1938	May, John Miners, B.A.	1968
Mason, Edith Kathleen Lillian, B.Sc.	1959		
Mason, Edward John Thomas, B.Sc.	1960		
Mason, Harvey Harold, LL.M.	1968		
Mason, Ian Bruce, B.Sc.	1962		

\* Deceased



May, John Trevor, B.Sc.	1967	Menzies, The Rt. Hon. Robert Gordon, C.H., Q.C., LL.D. (Melbourne)	1961
May, John Wilhelm, M.Sc. (B.Sc., 1952)	1936	Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
May, Kevin Ronald, B.E.	1962	Mercer, Donald James, B.E.	1957
May, Lancelot Harris, B.Sc.	1949	Mercer, Edgar Howard, D.Sc. (B.Sc., 1935)	1960
May, Leonard Seymour, B.Sc.	1926	Mercer, Frank Verdun, B.Sc.	1942
May, Robert Leonard, B.Sc.	1966	Merchant, David John, Mus.Bac.	1959
May, Rolland George, Mus.Bac.	1939	Merchant, Dean Hartley, B.Tech.	1968
May, William James, B.A.	1965	Mere, Rein Peter, B.E.	1968
Mayer, Rolph William, B.A.	1964	Meredith, Peter, M.A. (Oxford, 1953)	1963
Mayes, John Stanley Osmond, B.A.	1968	Merity, John Patrick, LL.B.	1952
Mayfield, Brenton John, B.Tech.	1961	Merrett, James Laurence, B.Sc.	1949
Mayfield, John Maxwell, B.Sc.	1958	Mertin, Jack Victor, B.Ag.Sc.	1944
Mayfield, Philip, B.A.	1959	Messel, Harry, Ph.D. (National University, Ireland)	1952
Mayfield, Robert John, B.Sc.	1965	Messenger, Malcolm James, Ph.D. (B.E., 1960)	1966
Mayman, Judith Leslie, B.A.	1965	Messent, Esther Mary, B.A.	1928
Maynard, Donald Archer Scott, B.Sc. B.A.	1938 1945	Messent, Keith Santo, B.E.	1920
Maynard, Leslie Howard, B.Sc.	1968	Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918)	1923
Maynard, Robert Keith, B.Sc.	1961	Messent, Philip William Santo, M.B., B.S.	1954
Mayne, Alan John, B.Ec.	1967	Messner, Gwenda Mary, B.A.	1965
Mayne, Frederick, Ph.D. (Witwatersrand, 1961)	1962	Mestrov, Thomas John, M.B., B.S.	1959
Mayne, Robert John Bruce, M.A. (New Zealand, 1926)	1937	Mestrov, Francis, B.E.	1963
Mayo, Clarice Elton, B.A.	1935	Metcalfe, Heather Joy, B.A.	1967
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945)	1957	Metchnik, Victor Ivor, Ph.D.	1963
Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926	Metra, Ieva, M.B., B.S.	1966
Mayo, Sir Herbert, LL.B.	1909	Mewett, Darryl Richard, B.Tech.	1965
Mayo, John, B.A.	1963	Meyer, Carl Hugh Alexander, B.Med.Sc. M.B., B.S.	1963 1966
Mayo, Mary Penelope, M.A.	1937	Meyer, Heinrich Carl, B.Sc.	1932
Mayo, Oliver, Ph.D. (B.Sc., 1964)	1968	Meyer, Richard Leo, B.A.	1953
Maziliauskas, Victoria Aldona, B.A.	1967	Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953)	1957
Mazumdar, Jagannath, Ph.D. (Moscow, 1965)	1968	Michael, Maxwell Roy, B.E.	1951
Mazzei, Michael David, B.Tech.	1966	Michael, Peter William, Ph.D. (B.Ag.Sc., 1951)	1959
Mead, Anthony Irwin, M.B., B.S.	1964	Michell, Charles Francis, M.B., B.S.	1921
Mead, Dorothy, B.A.	1927	Michell, Meredith June, B.A.	1958
Mead, John William, B.Ec.	1950	Michell, Mignon Norma Howard, B.A.	1944
Mead, Marjory, B.A.	1933	Michelmore, Christopher John, B.E.	1964
Mead, Peter Robert, B.Tech.	1962	Michelmore, Walter Maxfield, B.Sc.	1941
Meadows, Arthur Wilkes, Ph.D. (London, 1951)	1955	Mickan, Bruce Valentine, B.Ec.	1959
Meaker, Arthur Reginald, B.A.	1940	Mickan, Erwin Laurence, B.Sc.	1956
Meakin, Christopher Paul, B.Sc.	1965	Mickan, John Herbert, M.B., B.S.	1952
Meaney, Maxwell Francis, B.Sc.	1950	Middenway, Ralph, B.A. (Sydney, 1958)	1966
Meaney, Neville Kingsley, M.A. (B.A., 1955)	1956	Middleton, Melville John William, B.A.	1941
Meaney, Robert Francis, B.Sc.	1967	Middleton, William Thomas Steele B.Sc.	1947
Mensday, Ellen May, B.A.	1940	Mierisch, Robert Johnston, M.E. (B.E., 1954)	1957
Mensday, Jack William, B.E. B.Ec.	1948 1962	Miethke, Adelaide Laetitia, B.A.	1924
Meathrel, Graham Richard, B.Tech.	1965	Mihailovitch, Mira, B.A.	1962
Medianik Mykola Boris, M.B., B.S.	1962	Mikuzis, Aldona, M.B., B.S.	1966
Medlin, Brian Herbert, B.A.	1959	Mikuzis, Jonas, M.B., B.S.	1954
Medlin, Edwin Harry, Ph.D. (B.Sc., 1949)	1956	Milazzo, Clare Cecelia, B.A.	1952
Medlin, Graham Courtney, B.Sc.	1963	Milazzo, Stephen Charles, M.B., B.S.	1949
Medlow, David, B.Sc. (Eng.)	1944	Milbank, Ian Richard, B.A.	1965
Medway, Jennifer Jill, B.A.	1967	Milburn, Elizabeth Mary, B.A.	1964
Medwell, John Gordon, B.A.	1952	Mildren, Dean, B.A. LL.B.	1966 1966
Meiers, John Maurus, B.A.	1937	Mildren, Joy Marlene, B.Sc.	1963
Meija, Juris Sigurds, B.E.	1962	Mildren, Mary Louise, B.A.	1955
Melbourne, Henry Eoin Sydney, B.E.	1920	Mildren, Michael John, B.E.	1959
Melbourne, John Clifford, B.E.	1952	Milencewicz, Witalius, M.B., B.S.	1959
Melbourne, John Dugald, B.E.	1964	Miles, John Arthur Reginald, M.D. (Cam- bridge, 1951)	1953
Melbourne, William Henry John, B.A.	1949	Miles, Peter Leslie, B.Sc.	1967
Meldrum, Brian Reginald, M.B., B.S.	1953	Miles, Peter Wallace, Ph.D. (Cambridge, 1957)	1959
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924)	1925	Miles, Perry Ambrose, M.Sc. (B.Sc., 1949)	1951
Melhuish, Jillian Kay, B.Sc.	1966	Miles, Raymond Thomas, B.E.	1968
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951	Milesi, Angelo John, B.Sc.	1927
Mellor, Geoffrey Lloyd, M.B., B.S.	1947	Milich, Corinne Lina, B.A.	1968
Mellows, Peter Ernest, M.B., B.S.	1947	Mill, James Crowe Davidson, M.B., B.S.	1953
Mellowship, John Haslet, B.A.	1961	Millar, Robert Malcolm, B.Tech.	1967
Melville, Caroline, B.A.	1967	Millard, Colin, B.Ec.	1950
Melville, James, Ph.D. (London, 1934)	1956	Millard, Dean Ewart, B.Arch.	1968
Melville, John Howard, LL.B.	1959	Millard, Diane Lesley, Ph.D. (B.Sc., 1963)	1968
Melville, Susan, B.A.	1963	Millard, Kathleen Marie, B.A.	1968
Melvin, Geoffrey Ronald, M.B., B.S.	1954	Millard, Susan Helen, B.Sc.	1963
Melvin, Maxwell Victor, B.A.	1958	Miller, Annie Rose, B.A.	1934
Menadue, John Laurence, B.Ec.	1956	Miller, Beryl Jessica, B.A. (Tasmania—1923)	1924
Mencel, Anton Joseph, B.Tech.	1964	Miller, Colin David John, B.Med.Sc. M.B., B.S.	1961 1963
Mencar, Ira, B.A. B.Ec.	1927 1955	Miller, Crystal, B.Sc.	1966
Mencar, Yvonne, M.B., B.S.	1957	Miller, David Ross, Ph.D. (Melbourne, 1958)	1967
Menz, Emmi Margarete, B.A.	1932		
Menz, Trevor Howard, B.Tech.	1966		
Menz, William John, B.Ec.	1948		

\* Deceased

Miller, Edward Paul, B.E.	1964	Misson, Patrick William, M.B., B.S.	1956
Miller, Ian Charles, M.B., B.S.	1958	Mitchell, Adrian Christopher William, B.A.	1962
Miller, Ian Lindemann, M.B., B.S.	1938	Mitchell, Alan, B.E.	1964
Miller, Ian Robert Wyndham, B.Arch.	1965	Mitchell, Alan Edward, M.A., (New Zealand, 1940)	1966
Miller, James William Haigh, B.Ec.	1960	Mitchell, Albert Leonard, B.A.	1956
Miller, John Keetley, M.B., B.S.	1955	Mitchell, Betty Dawn, B.A.	1947
Miller, John Milton, M.B., B.S.	1957	Mitchell, David Gary Stuart, B.A.	1967
Miller, John Stephen Corfield, M.A. (Cambridge, 1942)	1963	Mitchell, David Stuart, B.Sc.	1966
Miller, Joseph Brendan, B.E.	1951	Mitchell, Donald Thomas, B.E.	1930
Miller, Justin Herbert, M.B., B.S.	1954	Mitchell, Frank Wyndham, B.Sc.	1927
* Miller, Leslie Gordon, M.B., B.S.	1949	B.A.	1933
Miller, Malcolm William, M.B., B.S.	1932	M.A. (Ph.D., London, 1937)	1943
Miller, Margaret Rose, B.D.S.	1966	Mitchell, Geoffrey Bentley, B.Ec.	1966
Miller, Margaret Una, B.A.	1928	Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947)	1951
Miller, Michael Joseph, B.E.	1961	Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924)	1932
Miller, Peter Beresford, B.Ec.	1964	Mitchell, Helen Margaret, B.Sc.	1952
Miller, Peter Geoffrey, B.Sc.	1952	Mitchell, Ian Vaughan, B.Sc.	1959
Miller, Raymond Orlando Maurice, B.A.	1905	Mitchell, John Turnbull, B.Ec.	1953
Miller, Robert Lionel, B.Sc.	1942	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
M.B., B.S.	1947	Mitchell, Margaret Elspeth, B.Sc.	1961
Miller, Roderick Stuart, B.D.S.	1961	Mitchell, Marilyn Joy, B.A.	1965
Miller, Robert John, B.A.	1966	Mitchell, Sir Mark Ledingham, B.Sc.	1923
Miller, Roland John, B.E.	1961	Mitchell, Nancy Jean, B.A.	1968
Miller, Thomas William, B.Tech.	1960	Mitchell, Noel John, M.B., B.S.	1956
Miller, Victor John, B.E.	1952	Mitchell, Percival Harris, B.A.	1908
Milligan, Alison Adele, Ph.D. (Sydney, 1953)	1959	Mitchell, Peter, Ph.D. (B.Sc., 1959)	1966
Millard, Catherine Felicity, B.A.	1968	Mitchell, Peter Ranald, M.B., B.S.	1963
Millican, Elizabeth Joan, B.A.	1967	Mitchell, Robert John, B.Sc.	1960
Millhouse, Grace Mary, LL.B.	1960	Mitchell, Robin Everett, B.Sc.	1968
Millhouse, Glenn, B.D.S.	1948	Mitchell, Roma Flinders, LL.B.	1934
Millhouse, Peter Leslie, M.B., B.S.	1961	Mitchell, Stephen Andrew, M.B., B.S.	1968
Millhouse, Robin Rhodes, LL.B.	1951	Mitchell, Susan Jean, B.A.	1967
* Millhouse, Vivian Rhodes, LL.B.	1939	Mitchell, Terrence John, B.A.	1957
Milligan, Brian, Ph.D. (B.Sc., 1952)	1956	Mitchell, Thomas Oliver, B.Ag.Sc.	1933
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951)	1958	* Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895
Mills, Barbara Joyce, B.A.	1938	Mitchell, William Robert, B.E.	1950
Mills, Bernard Jeffrey, B.Ec.	1962	B.Ec.	1968
Mills, Bessie Heather, B.A.	1952	Mitchell, William Russell, B.E.	1948
Mills, Brian Charles, B.Tech.	1964	Mitchell, Zonne Marion, B.A.	1956
Mills, Carol Ann, B.Sc.	1968	Mitt, Hugo, M.E. (B.E., 1955)	1962
Mills, Colin George, M.B., B.S.	1965	Mittiga, Tommaso Michele Archangelo, M.B., B.S.	1967
Mills, Desmond Alfred, B.Sc.	1967	Mitton, Jennifer Jean, B.A.	1956
Mills, Dorothy Nell, B.A.	1928	Mitton, Madge Winifred, B.A.	1963
Mills, Elliott Whitfield, LL.B.	1962	Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926)	1928
Mills, Eric Baxter, B.E.	1929	Mizing, Ieva, B.A.	1968
Mills, Graham Alan, B.Sc.	1967	Mizon, Errol Alfred, B.Sc.	1948
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944	Moffatt, Dorothy Joan, B.A.	1944
Mills, John Brabyn, B.Sc.	1936	Moffatt, May Josephine, M.B., B.S.	1911
Mills, John Murray, B.A.	1952	Moffatt, Betty Josephine Margaret Douglas, B.A.	1946
Mills, John Scott, B.E.	1955	LL.B.	1947
B.A.	1963	Moffatt, Cathie Douglas, M.B., B.S.	1958
Mills, Kenneth William, B.Sc.	1962	Moffatt, Graeme Gilbert, M.Ec. (B.Ec., 1957)	1960
Mills, Kingsley John, Ph.D. (B.Sc., 1959)	1966	Moffatt, Jeannie May Douglas, M.B., B.S.	1953
Mills, Richard Andrew, Ph.D. (B.Sc., 1962)	1968	Moffatt, Kevin Robert, B.E.	1965
Mills, Richard Graham John, Ph.D. (B.Sc., 1961)	1968	Moffatt, Michael James, B.E.	1962
Milne, Annie Johnson, B.A.	1936	Moffitt, Richard Barry, B.Sc.	1952
Milne, Anthony John, M.B., B.S.	1961	Mofflin, Lionel Hugh, M.B., B.S.	1948
Milne, Geoffrey Maxwell, B.Sc.	1963	Moh, Hak Serh, B.E.	1965
Milne, Ian Rodger, B.Ec.	1967	Mohan, Patricia Anne, B.A.	1966
Milne, Kenneth Harvey, B.E.	1925	Mohr, Robert Finley, LL.B.	1953
Milne, Kenneth James, B.Sc.	1964	Mohyla, Jury, B.Tech.	1967
Milne, Kevin Fowler, M.B., B.S.	1951	Moir, John Edward, B.Sc.	1966
Milne, Malcolm Roger, B.Tech.	1965	Mok, Chiu-Yu Augustine, B.Ec.	1968
Milne, Margaret Dove, B.Sc.	1964	Molhuysen, Philipp Christiaan, M.Ec.	1966
Milne, Peter Ritchie, B.Sc.	1966	Molineux, Marion Ruth, B.A.	1954
Milner, Bryan John, B.Sc.	1959	Molineux, Ronald Eugene, B.E.	1947
Milner, Desmond Walter, B.E.	1936	Moller, William John, M.Ag.Sc. (B.Ag.Sc., 1959)	1965
Milner, Gordon John, B.E.	1967	Mollison, Brenton Graham, M.B., B.S.	1961
Milnes, Anthony Richard, B.Sc.	1967	Molloy, Raymond Brian, B.A.	1950
Milton, Bernard Eric, M.Sc. (B.Sc., 1954)	1959	Monckton, Basil Robert, M.E.	1964
Milton, Gerald White, M.B., B.S.	1947	* Moncrieff, Josephine Hartley, B.A.	1911
Milton, Henry Richard, B.E.	1958	Moncrieff, Mary Kathleen, B.A.	1910
Minarelli, Mark Anthony, LL.B.	1968	Moncrieff, Rostrevor Brooke, M.B., B.S.	1952
Mincham, Josephine Claire, B.Sc.	1965	Monfries, John William Elliott, B.D.S.	1924
Mincham, Julian Hans, B.A.	1962	Mongan, Horace John, B.E.	1918
Mus.Bac.	1964	Monro, John Malcolm, Ph.D.	1959
Minihan, Agnes Cecelia, M.A. (B.A., 1927)	1933	Montgomery, Albert, M.B., B.S.	1955
Minkiewicz, Irene Anna, B.D.S.	1962	Montgomery, Albert, B.Tech.	1966
Minkney, Brian John, B.Tech.	1968	Montgomery, George Francis, B.Tech.	1964
Minnis, Neville Lister, M.B., B.S.	1963		
Minson, Charles Stanley, B.Ec.	1939		
Miocevich, Leonard Stephen James, M.B., B.S.	1958		
Miraglia, Carlotta Rosina, B.A.	1953		
Mirarchi, John, B.A.	1964		

\* Deceased



Montgomery, Malcolm George, LL.B.	1962	Morris, Hildred Ione, B.A.	1929
Moodie, Colin Troup, LL.B.	1934	Morris, John Lennox, B.A.	1949
Moodie, Robert Beresford, LL.B.	1931	Morris, Kerwin William, B.Sc.	1949
Moody, Brian John, B.Ec.	1967	Morris, Lenore, B.Sc.	1950
Moody, Denis Edmund, B.Tech.	1966	Morris, Lloyd Lewis, M.B., B.S.	1964
Moody, John Masson, B.Ec.	1966	Morris, Lyndall Erica, B.A.	1924
Moody, Keith, B.Sc.	1964	Morris, Maxwell Arthur, B.A.	1966
Moody, Robin Charles, B.A.	1967	Morris, Mervyn Charles, LL.B.	1923
Moorcroft, Edward, B.Sc.	1959	Morris, Neville Johnston, M.B., B.S.	1959
Moore, Alan Walter, B.Ag.Sc.	1948	Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926	Morris, Peter Carlton, B.A.	1966
Moore, Brian Reading, M.B., B.S.	1965	Morris, Robert William James, B.E.	1962
Moore, Brian William, B.Sc.	1961	Morris, Vaughan Lewis Rhys, B.Ec.	1966
Moore, Cecily Anne, B.A.	1954	Morrison, Anna Stirling, B.A.	1963
Moore, Colin Eugene, M.B., B.S.	1959	Morrison, Ian Bruce, B.E.	1958
Moore, Donald Rex, B.Sc.	1922	Morrison, John Colin, B.A.	1959
Moore, Elizabeth Douglass, B.A.	1963	Morrison, Robert Gwydir Booth, B.Sc.	1965
Moore, George Douglas, B.Sc.	1904	Morriss, Elsie, M.A. (B.A., 1928)	1931
Moore, Grahame John, B.D.S.	1965	Morriss, Robert William, B.E.	1966
Moore, Harold Robinson, M.B., B.S.	1945	Morrissy, Noel Michael, Ph.D. (B.Sc., 1962)	1968
Moore, Humphrey Owen, B.Sc.	1932	Morrow, Richard, B.Sc.	1965
Moore, Jane Hillier, B.A.	1968	Mortess, Ian Richard, M.B., B.S.	1958
Moore, John Lewis, M.B., B.S.	1957	Mortimer, Arthur William Blake, B.A.	1966
Moore, Jon Reading, B.Tech.	1962	Mortimer, Isabel Inkster, M.B., B.S.	1955
Moore, Kevin Reading, B.D.S.	1951	Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957)	1961
Moore, Kevin Terance, B.Tech.	1960	Mortlock, Brenda Denise, LL.B.	1967
Moore, Max Clifford, M.B., B.S.	1946	Morton, Christopher Gordon, B.E.	1924
Moore, Murray Ira, B.E.	1956	Morton, Donald James, B.Sc.	1956
Moore, Phillip James, LL.B.	1960	Morton, John Robert, M.B., B.S.	1966
Moore, Phyllis Mary, B.A.	1909	Morton, Julia, B.A.	1963
Moore, Robert Brian, B.Sc.	1950	Morton, Peter Grant, M.B., B.S.	1969
Moore, Robert Clifton, B.A.	1956	Morton, Robert Douglas, B.Sc.	1965
Moore, Robert Walters, M.Ag.Sc. (B.Ag.Sc., 1957)	1966	Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959
Moore, Roberta Frances Leah, M.B., B.S.	1962	Morton, Robert Kitchener, B.E.	1963
Moore, Rodney Lewis, B.D.S.	1968	Mosel, Ian Robert, B.Sc.	1964
Moore, Thomas Owen, B.App.Sc.	1967	Mosel, John Robert, B.Tech.	1964
Moore, John Robert, B.Sc.	1960	Moseley, Graham Edward, B.E.	1962
Morad, Ahmad Bin, M.B., B.S.	1954	Moses, Margaret Veronica, B.A.	1963
Morgan, Dennis Charles, M.B., B.S.	1967	Moss, Colin Lance, B.A.	1939
Moran, Francis Brian, LL.B.	1948	Moss, Malcolm, B.E.	1963
Moran, John Francis, B.D.S.	1941	Moss, Rodney Clare, M.B., B.S.	1954
Morgan, Terence Charles, M.B., B.S.	1967	Moten, Brian Leslie, B.E.	1953
Morgan, Vivian Alexander, B.Tech.	1967	Moten, Brian Michael, B.A.	1963
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Moten, Christopher Murray, M.B., B.S.	1965
Morcom, Ross George, B.E.	1955	Moten, John Michael, B.Sc.	1955
More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947	Moten, Kathleen Margaret, M.B., B.S.	1957
Moreland, Jack, M.B., B.S.	1926	Motteram, Philip, B.E.	1914
Moretton, Tony, M.B., B.S. (M.B., B.Chir., Cambridge, 1959)	1966	Motteram, Reginald, B.Sc. (M.B., B.S.)	1934
Moretti, Franco Giacomo, B.E.	1964	Moulden, Arnold Meredith, LL.B.	1914
Morey, Bernard Spondley, B.Sc.	1950	Moulden, Barbara Meredith, B.A.	1957
Morey, David Ian, B.Sc.	1962	Moulden, John Owen, LL.B.	1938
Morey, Geoffrey Wilson, M.B., B.S.	1926	*Moulden, Owen Meredith, M.B., B.S.	1910
Morgan, David Archibald Stevenson, M.B., B.S.	1943	Mounster, Valerie Luella, B.A.	1928
Morgan, Edward James Ranembe, LL.B.	1920	Mounster, Walter Edward, B.Tech.	1961
Morgan, Eric Desmond, B.D.S.	1948	Mount, Anthony Blair, B.Sc.	1958
Morgan, Evan Germaine, B.Tech.	1968	Mount, Graham Jaunay, B.D.S. (Sydney, 1946)	1962
Morgan, Furness David, Ph.D. (California, 1956)	1959	Mount, Jonathan, B.E.	1955
Morgan, Garth Alan, B.E.	1963	Mountford, Charles Percy, M.A.	1964
Morgan, Graham Thomas, B.Ec.	1961	Mountford, Graham Charles, M.Sc., (B.Sc., 1963)	1968
Morgan, Grant Maxwell, B.A.	1965	Movius (nee Champion de Crespigny), Naney, B.A. (Melbourne, 1934)	1934
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953	Mowatt, Anne Margaret, B.Sc.	1962
Morgan, Lloyd Kenneth, M.B., B.S.	1952	Moxham, Kenneth Ewing, B.E.	1966
Morgan, Owen Brakspear, M.B., B.S.	1952	Moyes, John Stoward, M.A. (B.A., 1905)	1907
Morgan, Olwen Esther, B.A.	1930	Moyes, Morton Henry, B.Sc.	1910
Morgan, Robert Gwyn, M.B., B.S.	1966	Moyle, David William, B.A.	1967
Morgan, William Matheson, B.E.	1930	Moyle, Francis James, B.Sc.	1950
Moriarty, David Joseph Wulstan, B.Ag.Sc.	1965	Moyle, Sidney, M.A. (B.A., 1914)	1917
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957)	1961	Moyser, Louis Victor, M.B., B.S.	1965
Moritz, Paul Kevin, B.Tech.	1967	Moyses, Bertram Ivey, B.E.	1937
Morlet, Geoffrey Claude, M.B., B.S.	1955	Moyzes, Douglas Raymond, B.Tech.	1963
Murley, Donald Norman, B.Sc.	1960	Mudge, Peter Rowland, M.B., B.S.	1962
Morphett, Anthony Eddy, B.Sc.	1950	Mudge, Margaret, B.A.	1953
Morphett, Arthur Durieu, M.B., B.S.,	1966	Mudie, David, B.E.	1964
Morphett, Ian Rivers, B.Tech.	1960	Mudie, George Dempster, B.E.	1921
Morphett, John Neville, B.A.	1955	Muecke, David Sunter, M.B., B.S.	1958
Morphett, John Wallace, B.E.	1958	Muecke, Douglas Colin, B.A.	1948
Morris, David Franklin, B.Sc.	1955	Muecke, Francis Frederick, M.B., B.S.	1902
Morris, David George, B.Sc.	1967	Muecke, Ian Donald, M.A. (B.A., 1955)	1966
Morris, Denby Lloyd, B.Sc.	1966	Muecke, Peter Sunter, B.Sc.	1959
Morris, Duncan Ross, B.A.	1966	Mueller, Dorothy Concordia, B.A.	1953

\* Deceased



Napier, John Langmuir, B.Tech.	1966
Napier, Ian Murray, M.Sc. (B.Sc., 1957)	1960
Napier, Sir Thomas John Mellis, LL.D. (LL.B., 1902)	1959
Narcisse, Khooun, B.A.	1963
Nash, Leslie Malcolm, B.Tech.	1959
Nash, Philip Llewellyn, M.B., B.S.	1958
Natar, George, M.B., B.S.	1964
Natar, Mary Ruth, B.A.	1966
Nath, Jagdishwar, M.Ag.Sc.	1959
Naughtin, Patrick Chanel, M.A. (B.A., 1949)	1956
Naughton, Wayne Cameron, B.Sc.	1967
Naulty, Reginald Anthony, B.A.	1965
Naumann, Horst Richard, B.Tech.	1967
Navy, Louis, B.Tech.	1965
Nayak, Satyendranath Kashinath, M.B., B.S. (Bombay, 1956)	1967
Nayda, Mervin Lawrence, B.Tech.	1958
Naylor, John Colenso, LL.B.	1923
Naylor, Margaret Mary Jessie Darnley, B.A.	1920
Naylor, Robert, Ph.D.	1964
Naylor, Rupert Leslie, M.B., B.S.	1924
Neal, Henry George Milton, B.E.	1963
Neal, John Desmond, B.Sc.	1968
Neal, Laurie Frederick, B.A. (London, 1935)	1960
Neale, Arthur, M.B., B.S.	1952
Neale, Nancy Gwyneth, M.Sc. (B.Sc., 1942)	1945
Neale, Shirley Margaret, B.Sc.	1946
Neck, Maurice Allan, B.E.	1950
Nechvoglod, Victor Vladimir, B.Tech.	1968
Need, Jillian Ann, M.B., B.S.	1967
Neely, Mary Boyd Woodburn, B.A.	1953
Neely, Mervyn George, M.B., B.S.	1957
Neighbour, Keith, B.E.	1952
Nelligan, Joseph William, LL.B.	1921
Nelson, Alan Lindsay, B.Sc.	1967
Nelson, Archibald John Alexander, B.A.	1938
Nelson, Christopher Eastick, B.Sc.	1965
Nelson, Cynthia, B.A.	1945
Nelson, Douglas Clyde, B.Sc.	1964
Nelson, Eleanor Frances, LL.B.	1967
Nelson, Henry Allan, B.App.Sc.	1968
Nelson, James Angus, B.E.	1949
Nelson, Michael Robert, B.Sc.	1967
Nelson, Peter John, Ph.D. (B.Sc., 1960)	1964
Nelson, William Barton, B.E.	1924
Nenke, Robert Leonard, B.E.	1955
Neoh, Sim Hee, B.Sc.	1967
Nerlich, Graham Charles, M.A. (B.A., 1955)	1957
Nesbitt, Robert William, Ph.D. (Durham, 1961)	1962
Nettle, David Edward, B.A.	1967
Nettle, Judith Florence, B.A.	1967
Nettle, Richard William, B.E.	1941
Nettle, Robert James, M.B., B.S.	1958
Nettlebeck, Colin William, B.A.	1960
Nettlebeck, David Clive, B.A.	1960
Neuenkirchen, George Murray, B.E.	1947
Neuenkirchen, John Basil, B.E.	1953
Neuling, Herman James, B.E.	1937
Neuling, John Edwin, B.Sc.	1968
Neuling, Raymond James, B.E.	1966
Neumann, Janusz Marian Antoni, LL.B.	1966
Neumann, Walter David, M.A. (B.A., 1966)	1968
Neville, Bernard William, B.A.	1964
Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956)	1959
Newbery, Maxwell Charles, B.E.	1954
Newbold, Murray Charles Lewis, B.Ec.	1968
Newell, Edward Richard Ireland, B.A.	1967
Newland, Ben Totham Jervois, M.B., B.S.	1952
Newland, Peter Herbert, B.E.	1967
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896)	1902
Newland, Janet Howard, B.A.	1964
Newland, Malcolm Creswell, M.B., B.S.	1938
Newland, Nancy Benning, LL.B.	1937
Newlyn, Thomas Patrick, M.B., B.S.	1966
Newman, Bernard William, B.Sc.	1934
Newman, Edgar Harold, LL.B.	1894
Newman, Jeffrey Howard, B.E.	1957
Newman, Kenneth Fisher, B.Ec.	1958
Newman, B.A.	1940
Newman, Lewis Arthur, B.Sc.	1925
Newman, Ralph Frederic, LL.B.	1945
Newnam, William Arthur, M.B., B.S.	1946
Newport, Kevin Bernard, B.Tech.	1966
Newport, William George B.Tech.	1961
Newsome, Alan Eric, Ph.D. (M.Sc., 1963)	1968
Ng, Ah Kow, M.B., B.S.	1965
Ng, Andrew Lian Timn, B.A.	1954
Ng, Boon Gim, M.B., B.S.	1962
Ng, Boon Keng, M.B., B.S.	1960
Ng, Hoe Eam, Robert, B.Sc.	1966
Ng, Hok Nam, B.Sc.	1967
Ng, Robert Lian Wee, M.B., B.S.	1961
Ng, Woon Kow, B.Tech.	1966
Ngui, Sui Lin, Paul, B.Sc.	1964
Nguyen, Tran Van, B.E.	1968
Nichol, Lawrence Walter, Ph.D. (B.Sc., 1956)	1962
Nicholas, David James Donald, D.Sc. (London, 1957)	1964
Nicholas, Herbert Ahearn, B.D.S.	1950
Nicholas, Ian James, B.E.	1959
Nicholas, Rowland John, B.A.	1943
Nicholls, Barbara Ruru, B.A.	1941
Nicholls, Christopher William Gordon, LL.B.	1963
Nicholls, Colin Herbert, B.Sc.	1949
Nicholls, Donald Alfred, M.B., B.S.	1945
Nicholls, Edward Maxwell, M.D. (M.B., B.S., 1949)	1968
Nicholls, Eric Pascoe, M.B., B.S.	1956
Nicholls, Henry, B.E.	1938
Nicholls, Jack Montague, M.B., B.S.	1946
Nicholls, James Herschel, M.B., B.S.	1942
Nicholls, Jonathan Kingsley, B.A.	1924
Nicholls, Kelvyn Elmo, M.B., B.S.	1948
Nicholls, Leslie Albert, B.Sc.	1949
Nicholls, Leslie Herbert, B.A.	1893
Nicholls, Leslie Thorncliffe, B.E.	1948
Nicholls, Peter Borden, Ph.D.	1963
Nicholls, Rodney Gordon, Ph.D.	1967
Nicholls, Trevor Thomas, M.B., B.S.	1957
Nicholls, Valwynne Arthur, M.B., B.S.	1959
Nichols, Graham Philip, B.Tech.	1960
Nichols, Ian Andrew, B.A. LL.B.	1951
Nichols, Joan Anne, B.A.	1953
Nichols, Reginald Clarence, B.Sc.	1967
Nichols, Robert Ian, B.Arch.	1945
Nichols, Terence Ivan, B.Sc.	1967
Nichols, Trevor Charles, B.Sc.	1960
Nicholson, Brenton Cummings, B.Sc.	1948
Nicholson, Hugh John Gay, B.E.	1968
Nicholson, Ian Lancaster, B.E.	1916
Nichterlein, Frieda Pauline, B.A.	1939
Nickels, Harvey Gray, B.Tech.	1948
Nickless, Robert Alan, B.Ec.	1967
Nickolai, Max Ronald, B.Sc.	1968
Nickolls, Peters Michael, LL.B.	1952
Nicks, Beverley Anne, B.A.	1953
Nicol, Gary John, B.A.	1968
Nicol, Jillian Lorraine, B.A.	1965
Nicol, Peter Barry, B.A.	1968
Nicolai, Judith Elizabeth, B.A.	1966
Nicolai, Michael Frederick Richard, B.Ec.	1966
Nicoll, Robert Peter, B.Sc.	1968
Nicolson, Alexander John, B.Ag.Sc.	1984
Nicolson, Andrew David, B.Ag.Sc.	1960
Nicolson, Hamish, M.B., B.S.	1954
Nicolson, June Elizabeth, M.B., B.S.	1962
Nicolson, Leonard Neil, B.Sc.	1967
Nicolson, Murray Thomas, B.Sc.	1966
Niehuus, Jocelyn Mary Harrington, LL.B.	1945
Nield, Alexander Cowell, M.B., B.S.	1966
Nield, Hugh Cowell, LL.B.	1956
Nielsen, Jan, B.Sc.	1962
Niemz, Amos Herman, B.A.	1965
Nienaber, Blair, B.E.	1968
Nietz, Arno Oscar, B.A.	1953
*Nietz, Herbert Walter, M.A. (B.A., 1913)	1951
B.Sc.	1921
Nietz, Ian Arno, B.E.	1918
Nikitins, Helene, B.A.	1921
Nikitins, Margarita, B.Sc.	1954
Nikkerud, Clive Julian, B.Sc.	1983
Nilsson, Carl Sigurd, Ph.D. (B.Sc., 1956)	1963
Nilsson, Neil Alfred, Ph.D. (M.A., 1955)	1987
B.A., 1951)	1965
Nilsson, Reginald Hakan, B.Ec.	1959
Nimon, Michael Hyman, B.A.	1944
Ninnes, Alan Herbert, B.Sc.	1968
Ninnes, Arthur Reginald, B.A.	1957
	1943

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Ninnes, Patricia O'Moore, B.A.	1957
Nitschke, Ian Athol, B.Sc.	1964
Nitschke, John Edwin, B.E.	1949
Nitschke, Marie, B.A.	1965
Nitschke, Peter John, B.Sc.	1962
Nitschke, Philip Haig, B.Sc.	1967
Niven, Barbara Susanna, Ph.D.	1968
Nixon, Valerie Colinette, B.A.	1957
Nizamuddin, Mohammed, Ph.D.	1961
Noack, Charles Hugh, M.B., B.S.	1941
Noack, Peter John, B. Tech.	1958
Noall (nee Piercy), Olive Edriss, B.A.	1935
Nobbs, Jack McKay, M.Sc. (B.Sc., 1944)	1951
Nobbs, William David, LL.B.	1949
Nobes, Edith Dorothy, B.Sc.	1921
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Noble, David James, B.Tech.	1968
Noble, Denis Leigh, B.Arch.	1967
Noble, Elaine Kay, B.Sc.	1958
Noble, Geoffrey Robert, LL.B.	1958
Noble, George Grant, LL.B.	1937
Noble, John David, B.Sc.	1967
Noble, Kenneth John, B.Sc.	1968
Noble, Michael Anthony, LL.B.	1965
Noblett, David John, B.E.	1950
Noblett, Hedley Lindsay, B.A.	1926
Noblett, Max Hadden, B.A.	1957
Noblett, Peter James, B.A.	1967
Nogare, Ronald Raphael Dalle, B.Sc.	1953
Nolan, Francis Perry, LL.B.	1968
Nolan, Gordon David, B.Tech.	1961
Nolan, Peter William, B.Sc.	1967
Nolan, Stephen John, B.Sc.	1968
Noll, Robert Wayne, B.Sc.	1968
Nolte, Bryan Trevor, B.E.	1957
Noltenius, Harry Edward, B.A.	1902
Noonan, Jon Gillett, B.Ec.	1963
Noon, David Lyon, B.A.	1952
Noonan, Anthony Georges, M.B., B.S.	1967
Noonan, John William, B.A.	1952
Noonan, Patrick Robert, B.Ec.	1957
Nordin, Alfred Walter, B.E.	1957
Norgard, John Davey, B.E.	1937
Norman, Albert Edward, B.A.	1948
Norman Arthur Edward, B.Sc. B.A.	1949
Norman, Brenton David, B.Sc.	1955
Norman, Harold Ashley, LL.B.	1966
Norman, Peter, B.Sc.	1947
Norman, Peter Anthony, B.E.	1964
Norman, Victor Jamiel, M.Sc.	1967
Norman, William Gowan, M.B., B.S.	1938
Norrie, Douglas Hector, Ph.D. (B.E. (N.Z., 1952), 1957)	1966
Norris, Allan Mervyn, B.A.	1956
Norris, Ronald, B.A.	1967
North, John Brian, M.B., B.S.	1963
North, Rita Bridget Rice, LL.B.	1945
North, William Ian, M.B., B.S.	1939
Northcote, Geoffrey Graham, B.E.	1959
Northcote, Robert Stafford, Ph.D.	1964
Northeast, Keith Laurence, B.Tech.	1963
Northey, Helen Louise, B.Sc.	1953
Northey, James Douglas, B.A.	1919
Northmore, Sir John Alfred, LL.B.	1887
Norton (nee Matthews), Gladys Mary Palmer, LL.B.	1935
Norton, Margaret, M.A. (Chicago, 1955)	1967
Nosworthy, Ian David, LL.B.	1958
Nott, Harry Carew, M.B., B.S.	1967
Nottage, Neil Thomas, B.Tech.	1913
Nottle, Geoffrey Edward, B.A.	1961
Novotny, Jaroslav, Ph.D. (B.Sc., 1960)	1956
Noye, Brian John, B.Sc.	1965
Nugent, Naomi Mary, B.Sc.	1964
Nunan, Douglas Stephen, B.A.	1954
Nunan, Edward Ernest, B.Sc.	1960
Nunn, Christina Eleanor, B.Sc.	1965
Nunn, Dennis Colbert, M.B., B.S.	1964
Nunn, George Marshall, M.B., B.S.	1967
Nunn, Kevin Joseph, B.Sc.	1951
Nurman, Muhamad, B.Tech.	1942
Nuud, Helga, B.A.	1962
Nyland, Margaret Jean, LL.B.	1966
	1964
O	
Oades, John Malcolm, Ph.D. (Leeds, 1962)	1965
Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951
Oaten, David Richard, M.B., B.S.	1965
Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935
Oaten, Robin Richard, B.E.	1963
Oats, William Nicolle, B.A.	1932
Oborn, Benjamin Watson, B.E.	1956
Oborn, Elizabeth-Anne Watson, B.A.	1959
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
O'Brien, Francis John Romuald, B.A.	1951
O'Brien, Hartley Eric, B.A.	1939
O'Brien, John Alexander, M.B., B.S.	1954
O'Brien, John Aloysius, B.Ec.	1947
O'Brien, John Barrie, B.Ec.	1951
O'Brien, John Louis, B.E.	1961
O'Brien, Maurice Aloysius, B.A.	1961
O'Brien, Pamela Margaret, B.Ec.	1945
O'Brien, Patricia Anne, B.A.	1967
O'Brien, Peter Christopher, B.Ag.Sc.	1967
O'Brien, Richard Searcy, B.Sc.	1962
O'Brien, Ross Fagden, B.E.	1967
O'Brien, Thérèse Mary, B.A.	1949
O'Callaghan, Basil Charles, B.A.	1967
O'Callaghan, Desmond Joseph, B.Sc.	1966
O'Callaghan, Miah Patrick, LL.B.	1949
O'Callaghan, Peter John, B.D.S.	1937
Ochota, Peter, B.E.	1952
Ockenden, Ralph David, B.D.S.	1968
Ockenden, Robert Hartley, B.Ec.	1948
Ockenden, Garth Palmer, B.A.	1951
O'Connell, Brian John, B.Sc.	1950
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1952
O'Connell, Geraldine Mary, B.A.	1953
O'Connor, Deirdre Catherine, B.A.	1962
O'Connor, Denise Christobel, B.A.	1950
O'Connor, Diana Jean, M.B., B.S.	1947
O'Connor, Graham Geoffrey, B.Sc.	1949
O'Connor, Henry David, B.Ec.	1964
O'Connor, John Desmond, M.B., B.S.	1967
O'Connor, Kevin Douglas, B.Tech.	1952
O'Connor, Maxwell James, B.Sc.	1968
O'Connor, Peter Joseph, B.A.	1957
O'Connor, Playford D'Arcy, M.B., B.S.	1951
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1938
O'Connor, Reginald William, LL.B. B.A.	1939
O'Connor, Thomas James, B.A.	1953
O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1956
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1962
O'Dea, Jillian Ann, LL.B.	1938
O'Dea, Kathleen Mary, M.B., B.S.	1947
Odgers, Anne Catherine, B.A.	1965
Odgers, Christine Lillian, B.Pharm.	1948
Odgers, Raelene Joyce, B.Sc.	1962
Odgers, Robert John, M.B., B.S.	1968
Odum, Leonard Ralph, B.Sc.	1966
Odum, Reginald Lance, LL.B.	1937
Odum, Vernon James, M.B., B.S.	1937
Odlyha, Marianne, B.Sc.	1939
O'Donnell, Alan James, M.B., B.S.	1966
O'Donnell, Elizabeth Anne, LL.B.	1962
O'Donnell, Margaret Helena, B.Sc.	1954
O'Donnell, Mark Arthur, B.E.	1965
O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947)	1951
O'Donoghue, Raymond Francis, B.Ec.	1951
O'Donoghue, Raymond Richard, B.A.	1963
O'Donoghue, Stephen Kevin, B.A.	1963
O'Donohue, Patricia Ann, B.Mus.	1912
O'Driscoll, Elliot Sylvester, Ph.D. (M.Sc., 1963)	1963
O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939)	1965
Oertel, Carolyn Ruby, B.Sc.	1960
Officer, Robert Edward, B.Pharm.	1964
Offier, Robin, Ph.D. (B.Sc., 1960)	1968
Offord, Thomas Frank, B.Sc.	1967
O'Flaherty, Eamon Robert Patrick, B.Tech.	1951
O'Grady, Helen Patricia, M.A. (B.A., 1959)	1968
	1961

\* Deceased



Pak Poy, Patricia Geraldine, B.A.	1956	Parsons, Denis, B.Tech.	1962
Pak Poy, Patrick Gerald, B.E.	1958	Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932)	1935
Pak Poy, Reginald Kenneth Felix, M.D. (M.B., B.S., 1955)	1960	Parsons, Gregor Leonard, B.Sc.	1965
Paleg, Leslie Godell, Ph.D. (Iowa, 1955)	1959	Parsons, Harold Stephen, Mus.Bac.	1912
Palenschus, Henry Arthur, B.Sc.	1964	Parsons, Ian Ross McKenzie, B.Med.Sc.	1958
Pallant, Donald James, B.A.	1962	Parsons, John Keyworth, B.Tech.	1968
Palm, Colin Duncan, B.E.	1965	Parsons, Peter Angas, B.Ag.Sc.	1955
Palm, Duncan Louis, B.E.	1952	Parsons, Peter Gordon, Ph.D. (B.Sc., 1963)	1967
Palmer, Dexter Carl, B.A.	1967	Parsons, Philip Brendon Angas, LL.B.	1928
Palmer, Ernest William, LL.B.	1939	Parsons, Ralph Whaddon, B.E.	1948
Palmer, Ian Dexter, B.Sc.	1964	*Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926
Palmer, Ian Ronald, B.Tech.	1965	Parsons, Robert Allan, B.Sc.	1962
Palmer, John Edward, B.Sc.	1966	Parsons, Robert Frederick, B.Sc.	1961
Palmer, Raymond Amos, B.E.	1953	Parsons, Ronald Lewis, B.E.	1942
Palmer, Reginald Ernest, B.A.	1967	Parsons, William Ross, B.A.	1948
Palmer, Robert Hale, B.E.	1953	Parton, Arthur Leigh, M.B., B.S.	1944
Palmer, Thomas Robert, B.E.	1958	Partridge, Judith Lois Mary, B.A.	1958
Paltridge, Angus Lindsay, B.Ec.	1951	Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	1947
Paltridge, Richard Lee, B.Sc.	1959	Pascoe, Douglas Everett, B.Ec.	1948
Paltridge, Richard Noel, B.Sc.	1947	Pascoe, Graeme Leslie, B.Ec.	1967
Paltridge, Terence Brady, B.Sc.	1926	Pascoe, Ian Ross Birch, B.E.	1968
Palumbo, Luigi Dominic, B.App.Sc.	1966	Pascoe, Jeremy Lawrence, B.E.	1960
Panabokke, Christopher Rajendra, Ph.D.	1957	Pascoe, Lee Judith, B.A.	1968
Panczak, Kurt Christian, B.Arch.	1968	Pascoe, Pauline Ina, M.B., B.S.	1955
Pandjaitan, Conrad Halomoan, B.E.	1963	Pascoe, Timothy Lawrence, B.E. B.Ec.	1962
Pang, Choy King, B.E.	1965	Pascoe, Trevor Francis, B.Tech.	1968
Panikkar, Radhakrishnan Narayana, M.B., B.S.	1959	Pash, Hannah June, M.B., B.S.	1946
Pannell, Peter John, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1950	Pash, Hannah Rita, B.A.	1930
Panter, (nee Weaver), Helen Christine, Ph.D. (B.Sc., 1963)	1968	Pash, Jeffrie Herbert, B.A.	1938
Panter, John Raspin, B.A.	1967	Pash, Richard Jeffrie, LL.B.	1967
Panter, Roderick Alan, B.Sc.	1964	Pash, Spencer, M.Sc. (B.Sc., 1943)	1952
Pantis, Craciun, B.A.	1965	Pasquarelli, Leon Joseph, M.B., B.S.	1968
Panton, David Michael, B.Sc.	1965	Passchl, Johann Heinrich, M.B., B.S.	1962
Papli, Ram, B.D.S.	1967	Passmore, John Roger, B.Sc.	1961
Parasivam, Kandiah, M.B., B.S.	1965	Patching, Allan Ralph, B.Sc.	1962
Parbo, Arvi Hillar, B.E.	1956	Patching, Desmond William John, M.B., B.S.	1956
Parbs, Robert Lindsay, B.A.	1966	Patching, Eric Jonathan, B.Tech.	1966
Parham, Anthony Robert, M.B., B.S.	1954	Pater, Graham Stephen, B.D.S.	1951
Parham, Elizabeth Ann, B.A.	1950	Paterson, Alexandra Jean, B.Sc.	1949
Parham, Geoffrey William, B.Ec.	1961	Paterson, Alfred Harold, B.A.	1937
Parham, Richard Trevor, B.Sc.	1968	Paterson, Dennis Craig, M.B., B.S.	1954
Parish, Vanessa Margaret Scott, B.A.	1965	Paterson, Jeffrey Robert, B.Ec.	1968
Park, Carolyn May, B.A.	1968	Paterson, John Levett, B.E.	1950
Park, Ruth Alison, B.A.	1939	Paterson, Keith McGregor, B.E.	1932
Parker, Cecil David, B.Sc.	1932	Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
Parker, Colin John, M.B., B.S.	1967	Paterson, Nigel Angus Morgan, B.Med.Sc.	1967
Parker, David Heywood, B.A.	1967	Paterson, Robert George, B.A.	1958
Parker, George Lucas, B.E.	1948	Paterson, Ross, B.Sc.	1953
Parker, Graham Eric, LL.M. (LL.B., 1959)	1962	Patman, Joanne, B.A.	1965
Parker, Janne Jacobus, M.A.	1964	Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1915
Parker, Mina Evelyn, B.A.	1930	Paton, Alfred Maurice, B.Sc.	1898
*Parker, Murray Harold, M.Sc. (B.Sc., 1950)	1952	Paton, Margaret Anne, B.A.	1954
Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954)	1960	Paton, Robert, M.B., B.S.	1951
Parker, Ross Lloyd, B.E.	1957	Patrick, Elsie Fumeaux, Mus.Bac.	1925
Parkhill, Douglas Leonard, M.E. (M.A., Sc., British Columbia, 1958)	1962	Patten, John Maurice, B.Ec.	1967
Parkhouse, Devon, M.B., B.S.	1907	Patten-Richens, Colin Henry, B.Tech.	1963
Parkhouse, Thomas William, B.Sc.	1940	Patterson, Conrad Brenton, B.A.	1961
Parkin, Cherry Wedgwood, B.A.	1964	Patterson, David Henry, B.E.	1965
Parkin, David Thomas, B.Ec.	1968	Patterson, Dean James, M.E. (B.E., 1964)	1967
Parkin, Dorothy Joan, B.A.	1936	Patterson, John Howard, Ph.D. (B.Sc., 1958)	1963
Parkin, Ian Andrew, Ph.D. (B.Sc., 1961)	1968	Patterson, John Rayden, B.Sc.	1962
Parkin, John Wilson, B.E.	1964	Patterson, Keith Raymond, LL.B.	1937
Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938)	1949	Patterson, Neil William, B.E.	1961
Parkinson, Arthur David, M.B., B.S.	1966	Patterson, Reginald Lindsay, B.A.	1965
Parkinson, Geoffrey William, B.A.	1964	Patterson, William Friedrich, B.E.	1934
Parkinson, Glen James, B.App.Sc.	1965	Pattinson, Sir Baden Powell, LL.B.	1921
Parkinson, Graeme Ian, LL.B.	1968	Pattullo, William Ashby, B.Sc.	1967
Parkinson, Kevin John, B.Sc.	1949	Patwardhan, Asha, M.B., B.S.	1961
Parks, Veronica June, M.B., B.S.	1958	Paul, David Brenton, Ph.D. (B.Sc., 1961)	1967
Parmanandam, Vijaya, LL.B.	1967	Paul, Kevin Carroll, B.Sc.	1935
Paroissien, Brian James, B.Tech.	1968	Paul, Peter, M.A. (B.A., 1963)	1966
Parr, Stanley Robert, B.Ec.	1957	Paul, Alec Gordon, B.Sc.	1920
Parrott, Charles Philip, B.Tech.	1958	M.A. (B.A., 1926)	1932
Parrott, Roger Thomas, M.Ag.Sc.	1965	Paul, Alwyn Douglas, B.A.	1966
Parry, Doris, B.A.	1931	Paul, Andrew, M.B., B.S.	1965
*Parry, John Evan, B.Tech.	1968	Paul, Colin Gordon, M.B., B.S.	1953
Parry, Graham Sidney, B.D.S.	1966	Paul, Gwenda Helen, B.A.	1964
Parsons, Albert Christian, B.E.	1950	Paul, Kevin George, B.Tech.	1968
Parsons, Barbara, B.A.	1949	Paul, Torrance Arnold, M.B., B.S.	1947
Parsons, Colin, B.A.	1958	Pavia, Roy Rowling, B.A.	1913
		Pavillard, Robin Eugene, M.B., B.S. (London, 1957)	1960
		Pavy (nee Proud), Emily Dorothea, B.A.	1906
		Pavy, Harold Keith, M.B., B.S.	1919

\* Deceased



Pavy, Ian Gordon, M.B., B.S.	1943
Pavy, John Keith, M.B., B.S.	1952
Pavy, Rosemary Dorothea, M.B., B.S.	1948
Pawsey, Charles Geoffrey Kendall, M.B., B.S.	1968
Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1954
Paxon, Paul Russell, B.D.S.	1966
Paxon, Thomas Gordon, M.D. (London, 1956)	1961
Payne, Allan Barrie, B.Sc.	1961
Payne, George Basil, B.A.	1935
Payne, Jennifer May, B.A.	1966
Payne, Louise Mary Gwythyr, B.A.	1914
Paynter, Norman Catchlove, B.A.	1937
Payze, Grantley Allen, B.Sc.	1967
Payze, Rodney John, B.E.	1964
Peacock, Dennis Peter, B.A.	1964
Peacock, Morris John, M.B., B.S.	1965
Peak, Geoffrey Colin, B.Sc.	1966
Peake, Noel Horace, M.B., B.S.	1954
Peake, Robert Clive, B.E.	1966
Peake, Stephen Robert, B.E.	1968
Peake, Suzanne Margaret, B.A.	1965
Pearce, Alfred Aston, B.A.	1966
Pearce, Alfred Moreton, B.A.	1951
Pearce, Brian Godfrey, B.A.	1962
Pearce, Charles Clifton, B.A.	1938
Pearce, David Fraser, B.Tech.	1962
Pearce, Dennis Charles, LL.B.	1961
Pearce, Desmond Beresford Newman, B.Sc.	1951
Pearce, Donald Hicks, M.B., B.S.	1967
Pearce, Graham Arthur, B.Tech.	1967
Pearce, Helen Ruth, B.A.	1958
Pearce, Judith Helen, B.A.	1967
Pearce, Lancelot Harry, B.Tech.	1965
Pearce, Neil William, B.Tech.	1963
Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1953
Pearce, Trevor Sandison, B.Ag.Sc.	1953
Pearce, William Malcolm, B.Sc.	1966
Pearcy, Lyn Harley Draper, M.B., B.S.	1953
Pearlman, Patricia Ruth, B.A.	1964
Pearlman, Rex Lindsay, M.B., B.S.	1963
Pearlman, Robert Graham, M.B., B.S.	1963
Pearman, Reginald John, B.Sc.	1954
Pearse, David Hiles, B.Tech.	1962
Pearson, Anne Keeler, B.A.	1964
Pearson, Anthony James Crawford, B.E.	1965
Pearson, Halley James Crawford, B.A.	1944
Pearson, Henry Gurner, B.Tech.	1959
Pearson, Ian Scott, B.Ec.	1968
Pearson, Ione Patricia, B.A.	1965
Pearson, LL.B.	1965
Pearson, Janet Scott, M.B., B.S.	1965
Pearson, Kenneth Robert, Ph.D. (B.A., 1964)	1968
Pearson, Leslie Allan, B.Tech.	1962
Pearson, Leslie Norman, B.A.	1941
Pearson, Robert Allan, B.Sc.	1966
Pearson, Susan Lesley, B.A.	1968
Pearson, Thomas Pickering, B.Tech.	1959
Pech, Bronte James, B.A.	1968
Pech, Herman, B.A.	1947
Pech, Rufus, B.A.	1947
Pederick, Leith Hubert, B.Sc.	1960
Pederson, David George, B.Sc.	1962
Pederson, Mattin John, B.A.	1966
Pedler, John Meavious, M.B., B.S.	1935
Pedler, Pender James, B.Sc.	1963
Pedlow, Clarice, B.Sc.	1942
Peek, Dean John, B.Tech.	1966
Peel, Edward John, B.Sc.	1964
Peirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947
Peirce, Jennifer Aline, B.Sc.	1968
Peirce, Reginald Frank, B.A.	1938
Peirson, Olive Graham, M.Ec. (B.Ec., 1960)	1964
Peisach, Murdoch Uri, B.A.	1966
Peljo, Kalle, B.A.	1967
Pellen, Robin Victor, B.Sc.	1968
Pellow, Catherine Annabel, M.B., B.S.	1964
Pellow, Dorothy Elaine, LL.B.	1960
Pellow, Henry Edwin, M.B., B.S.	1924
Pellow, Janie Christobel, B.D.S.	1932
Pellow, John Henry, M.B., B.S.	1968
Pellow, Lancelot Vivian, LL.B.	1922
Pellow, Leonard James Ternouth, M.B., B.S.	1932
Pellow, Richard Alfred Amys, M.B., B.S.	1934
Pellow, Timothy Yuill, B.Arch.	1964
Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942
Pelz, Ines Charlotte, B.A.	1960
Pemberton, Russell Edward, B.Sc.	1964
Penberthy, Laraine, B.A.	1968
Penery, Donald Vivian, B.Tech.	1961
Pengelly, John Michael, B.Ec.	1952
Pengilly, Clifford Kipling, B.E.	1930
Penglase, Christine Anne, B.A.	1968
Penglase, Dean Trestrail, B.E.	1951
Penketh, Stewart George, B.Ec.	1967
Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956)	1962
Penn, John Halbert, B.E.	1953
Penn, Malcolm Richard Stephen, LL.B.	1964
Penna, Elwyn Dunstan, B.A.	1964
Penney, Darryl William, B.Sc.	1952
Pennicott, Margaret Mary, B.A.	1968
Pennington, Beryl, B.A.	1961
Pennington, Michael John, B.A.	1942
Penny, David Harry, M.Ec. (B.Ec., 1952)	1967
Penny, Harold John, M.B., B.S.	1958
Penny, Hubert Harry, M.A. (B.A., 1926)	1913
Penny, John Philip, Ph.D. (M.Sc., 1961, B.Sc., 1958)	1932
Penny, Lorraine Sylvia, B.A.	1966
Penny, Margaret Elizabeth, B.A.	1968
Penny, Roger Stephen, B.A.	1966
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1966
*Pennycook, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1959
Penrose, John Michael, B.Ec.	1923
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1964
Pepela, Crowther Ngoya, B.Sc.	1935
Pereira, John Evelyn De Haan, B.A.	1966
Perkins, Brian Randall, B.Sc.	1945
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1955
Perkins, Lesley Ann, B.Ec.	1943
Perkins, Marie Pauline, B.A.	1966
Perkins, Reginald Norman, B.E.	1949
Perkins, Robert James, B.Tech.	1967
Perks, Bruce Leonard, M.B., B.S.	1968
Perrett, Lance Victor, M.B., B.S.	1967
Perriam, Donald John, B.Med.Sc. M.B., B.S.	1952
Perriam, Judith Faye, B.Sc.	1962
Perry, Audrey Vivienne, LL.B.	1965
Perry, Dulcie May, B.A.	1964
Perry, Gavin John, B.Tech.	1949
Perry, John William, LL.B.	1939
Perry, Jane Elizabeth, B.A.	1968
Perry, Peter Grant, B.Sc.	1959
Perry, Rayden Alfred, M.Sc. (B.Sc., 1947)	1965
Perry, Robert George, B.E.	1966
Perl, Joseph, LL.B.	1956
Peter, Beth Ellen, B.Sc.	1961
Peter, Duncan Wilbur, B.Ag.Sc.	1957
Peter, Phyllis Grace, B.A.	1965
Peters, Brian Harry, M.B., B.S.	1960
Peters, Geoffrey Ernest, B.A.	1948
M.B., B.S.	1925
Peters, Geoffrey John, M.B., B.S.	1927
Peters, George Francis, B.Sc.	1961
Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1948
Peters, Jannette Elsa Mary, B.Arch.	1960
Peters, John Irwin, B.E.	1966
Petersen, Christian Malcolm, B.Ec.	1959
Petersen, Josephine, B.A.	1966
Peterson, Jean Clarice, B.A.	1967
Petkovic, Mirko, B.Sc.	1940
Petrenas, Algis Viadas, B.D.S.	1968
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1968
Petrie, Enid Beatrice, Mus.Bac.	1939
Petrikas, Elvira, M.B., B.S.	1935
Petrucce, Oswald Marino, M.B., B.S.	1958
Petrusevics, Peter Miervaldis, B.Tech.	1964
Pettit, Garth Derwood, B.D.S.	1968
Pettit, Janet Ann, B.A.	1953
Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1961
Pettman, Brian Edward, B.A.	1954
Pettman, Ralph Harold, B.A.	1965
Pfeiffer, Edgar Reginald, B.Sc.	1968
	1953

\* Deceased

Pfeiffer, Gordon James, B.D.S.	1949	*Piper, Cyril Thomas, M.B., B.S.	1924
Pfeiffer, Jeffrey Peter, B.Sc.	1968	Piper, Flora Elizabeth, B.A.	1924
Pfeiffer, Norman, B.A.	1938	Piper, Herbert Walter, D.Litt. (B.A., 1938)	1961
Pfitzner, David Roy, B.Sc.	1960	Piper, Robert William, LL.B.	1963
Pfitzner, Eric Norman, M.A. (B.A., 1930)	1933	Pirota, Thomas, M.B., B.S.	1955
Pfitzner, John, M.B., B.S.	1964	Pitcher, Adrian Kenneth, B.E.	1967
Pfitzner, John Clement, B.A.	1965	Pitcher, Alison Claire, Mus.Bac.	1964
Pfitzner, Julian Paul, B.Sc.	1964	Pitcher, Cyril Frederick, M.B., B.S.	1911
Pfitzner, Leo Wilkin, B.E.	1953	Pitcher, Maurice Knight, B.Sc.	1925
Pfitzner, Maxwell John, B.Sc.	1967	Pitcher, Russell Barton, M.B., B.S.	1948
Pfitzner, Murray Ackland, M.B., B.S.	1953	Pitcher, Wendy Lois, B.A.	1961
Pfitzner, Murray Leigh, B.E.	1964	Pitcher, William Bonython, B.Sc.	1945
Pfitzner, Paul, B.D.S.	1961	Pitchon, Leon, M.B., B.S.	1960
Pfitzner, Victor Carl, B.A.	1958	Pitman, Beresford Ernest, B.Sc.	1945
Pflaum, Peter Theo, B.Ec.	1964	Pitman, B.A.	1955
Phanchet, Suphawut, M.B., B.S.	1964	Pitman, David Arthur Alfred, B.A.	1966
Phang, Sonny, B.Sc.	1966	Pitman, John Keith, B.Ec.	1964
Phillipps, Herbert Tarlton, B.Sc.	1905	Pitman, Michael George, Ph.D. (Cambridge, 1959)	1963
Phillipps, Keith Herbert, B.E.	1951	Pitt, Barry John, M.B., B.S.	1966
Phillipps, Alan Dunstan, M.B., B.S.	1947	Pitt, George Henry, B.A.	1920
B.Sc.	1959	Pitt, Marjorie Una, B.Sc.	1925
Phillips, Albert Maurice, B.E.	1941	Pittman, Carolyn Theresa, B.A.	1967
Phillips, Basil Wright, B.D.S.	1950	Pittman, Ullin Thomas, M.A. (Oxford, 1949)	1953
Phillips, Brian Douglas, B.Sc.	1961	Place, Radovan Ivan, M.B., B.S.	1967
Phillips, Brian John, B.E.	1960	Plachy, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937
Phillips, Charles Leslie, B.D.S.	1926	Platt, John Talbot, B.A.	1951
Phillips, Christopher Robert, B.A.	1968	Platten, Newell James, B.E.	1951
Phillips, Colin Rex, Ph.D. (B.E., 1963)	1951	Platten, John Charles, B.Tech.	1961
Phillips, Colin William, M.B., B.S.	1967	Platts, John Drysdale, B.A.	1959
Phillips, Donald Ralph, B.Sc.	1940	Playford, John Drysdale, LL.B.	1937
Phillips, Gordon Gilbert, B.A.	1967	Playford, Malcolm Noel, LL.B.	1955
Phillips, Heather Joy, B.A.	1948	Playford, Margaret Claire, M.B., B.S.	1965
Phillips, James Henry, B.E.	1902	Pledge, Helen Rosemary, B.A.	1966
Phillips, James Howard, B.Sc.	1962	Pledge, Neville Stewart, B.Sc.	1964
Phillips, John Townley, B.E.	1960	Pledge, Philip Wayne, B.Ec.	1930
Phillips, Malcolm John, B.Tech.	1935	Plimmer, Geith Alfred, B.A.	1968
Phillips, Muriel Edith, B.A.		Plows, Kingsley Francis, B.Tech.	
Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949)	1961
Phillips, Pamela Rosemary, M.B., B.S.	1951	Plummer, Alexander Philip, B.D.S.	1941
Phillips, Peter Roland, B.A.	1967	Plummer, Reg Garnet, M.B., B.S.	1906
Phillips, Ronald Mervyn, B.A.	1951	Plummer, Rex Grose, M.B., B.S.	1937
Phillips, Walter Wynne, B.A.	1958	Plummer, Violet May, B.Sc.	1893
Phillips, Wayne Downing, B.E.	1965	*Plummer, Violet Myrtle, M.B., B.S. (M.B. (Melbourne, 1897)	1897
Phillips, William James Ellery, M.B., B.S.	1915	Plummer, Violet Myrtle, M.B., B.S.	1932
Phillips, William John, B.A.	1959	Plunkett, Norman Ambrose, B.E.	1926
Phillipson, Coleman, LL.D. (Manchester, 1908)	1920	Plush, Donald Seward, B.Ag.Sc.	1948
Phillips-Rees, Peter Richard, B.A.	1964	*Pobjoy, Alice Blake, B.A.	1918
Phillis, Barry Dean, B.Tech.	1967	Pocius, Eugene Arvydas, B.E.	1968
Philpot, Christopher Ross, B.Med.Sc.	1966	Pocius, Martynas, B.E.	1955
Philpott, Clive Mervyn, B.Sc.	1965	Pocock, Edward Robert, M.A. (B.A., 1956)	1958
Philpott, Jennifer Mary, B.A.	1963	Pocock, Kenneth Frank, B.App.Sc.	1965
Phong, Nguyen Dinh, B.A.	1964	Pocock, Kenneth John, Ph.D. (B.Sc., 1961)	1968
Pick, William, B.Tech.	1963	Pohlman, William Frederick Claude, B.Sc.	1926
Pickering, Brian George, B.Tech.	1966	Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney, 1938)	1952
Pickering, Eric, B.A.	1960	M.D.	1960
Pickering, Geoffrey Gilmore, B.E.	1961	M.S.	1965
Pickering, Ronald Franklin, B.Sc.	1946	Polasek, Metodey, B.Ec.	1958
Pickering, Trevor George, M.B., B.S.	1958	Poiden, Marjorie Philippa, B.A.	1962
Pickett, Anne Lynnette, B.Sc.	1967	Pole, Audrey Elizabeth, B.A.	1956
Pickhaver, Mark George, LL.B.	1968	Pole, David Llewelyn, B.A.	1967
Pickles, John Martin, Ph.D. (Cambridge, 1966)	1968	Poiglase, David Llewelyn, B.A.	1947
Piddington, Robert William, B.Sc.	1963	Poiglase, Norman, B.Sc.	1966
Piddington, Sylvia Karin, B.Sc.	1968	Polkinghorne, Gillian Margaret, B.A.	1954
Pierce, James John Carley, B.Ec.	1962	Polkinghorne, Graham Keith, B.E.	1931
Pierson, Robert Arthur, B.A.	1954	Polkinghorne, Kate Elinor, B.A.	1936
Pierson, Rosalie Ann, B.A.	1964	Polkinghorne, Keith, B.A.	1965
Pietsch, Clemens Henry, M.B., B.S.	1945	Polkinghorne, Kenneth Bruce, B.A.	1934
Pietsch, Milton Frederick, B.Tech.	1967	Polkinghorne, Noel Francis, B.A.	1963
Piggott, Michael John, B.Tech.	1968	Pollard, Pamela Helen, LL.B.	1938
Pike, Colin Edwin, LL.B.	1954	Pollnitz, Eunice Adah, B.A.	1966
Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957	Pollnitz, Robert Percy, M.B., B.S.	1955
Pike, Geoffrey Howard, M.B., B.S.	1953	Polomka, Simon Peter, B.Ag.Sc.	1967
Pike, Lindsay Keith, B.Arch.	1967	Polson, Ian Hastings, LL.B.	1965
Pikusa, Stefan Adam, B.Arch.	1963	Polson, Peter, B.E.	1929
Pile, Kenneth Charles, M.E. (B.E., 1949)	1967	Polson, Reginald Alexander, B.E.	1967
Pilgrim, Alan Flinders, B.Sc.	1936	Pomeroy, Derek Edmund, Ph.D.	1938
Pillai, Kotha Kanthimathy, M.B., B.S.	1958	Pomroy, Alan Browning, B.E.	1923
Pillay, Elagu Sithampara, M.B., B.S.	1954	Pomroy, Richard Osborne, B.E.	1954
Pilton, Phyllis Evelyn, B.Sc.	1955	Ponnia, Anthonipillai, B.E.	1966
Pincombe, Christopher Fletcher, B.Sc.	1968	Pong, Peter Jack-Gai, B.Ec.	1949
Pinder, Claude Jack, B.A.	1966	Ponsford, Joan Helen, B.Sc.	1966
Pinder, Patrick Maurice, B.Arch.	1964	Pontifex, Ian Russell, M.Sc. (B.Sc., 1961)	1967
Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942	Poole, Dennis John, B.Sc.	1909
		Poole, Frederick St. John, M.B., B.S.	1921
		Poole, Gilbert Graham, B.Sc., B.E.	

\* Deceased



Poole, Josephine Mary, B.A.	1968	Poynter, John William, B.A.	1965
Poole, Richard John, B.E.	1951	Pozhidajev, Helen, B.A.	1964
Poon, Hin Yeung, Patrick, B.D.S.	1964	Pozza, Trevor Francis Hugh, M.B., B.S.	1967
Poon, Mong Yue, Thomas, B.D.S.	1963	Prager, Rolf Herman, Ph.D. (Sydney, 1963)	1965
Pope, Geoffrey Weston, B.Sc.	1951	Pratt, Aubrey Ronald, B.A.	1968
B.A.	1967	Pratt, Bryan Harry, Ph.D. (B.Ag.Sc., 1962)	1966
Pope, Gerald Wardlaw, B.Sc.	1963	Pratt, Ian James, B.Tech.	1967
Pope, Gwennyth Constance, B.A.	1966	Pratt, John, B.Sc.	1964
Pope, John Travers, B.E.	1957	Pratten, Raymond Douglas, B.Sc.	1952
Pope, Kathlyn Hilary, B.A.	1952	Preece, Julia Anne, B.A.	1949
Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1949	Preece, Kathleen Mary, B.A.	1952
Pope, Norman Hector, B.Tech.	1960	Preedy, Winifred Edna, B.D.S.	1927
Pope, Peter Myles Burton, B.E.	1949	Preis, Wolfgang Victor, B.Sc.	1966
Pope, Russell Leslie, B.Sc.	1965	Prenzler, Theodor Carl, B.A.	1955
Porra, Michael, B.D.S.	1968	Prescott, Rupert Warre, B.A.	1930
Porra, Robert John, B.Sc.	1957	Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919)	1924
Porter, Ailsa Rosemary, B.Sc.	1955	D.Sc.	1932
Porter, Christopher Robert, B.Sc.	1961	Prescott, John Russell, B.Sc.	1944
Porter, David James, LL.B.	1961	Presgrave, David Kenneth, B.Tech.	1958
Porter, David Rodney, B.Sc.	1967	Preskett, Malcolm, B.Tech.	1963
Porter, Harold George, B.A.	1941	Presley, Charles Frederick, B.A. (Wales, 1950)	1959
Porter, James Glanville, B.Tech.	1960	Prest, David Harris, B.Sc.	1953
Porter, James Lincoln, Mus.Bac.	1960	Prest, Elizabeth Maurine, M.B., B.S.	1951
Porter, John Reginald, B.Tech.	1963	Prest, Henry Gordon, M.B., B.S.	1925
Porter, Kingsley Clarence, M.B., B.S.	1942	Prest, Jennifer Anne, B.A.	1957
Porter, Maurice John, B.Tech.	1961	Prest, Kathleen Mary, B.A.	1966
Porter, Meredith Frances, B.Ag.Sc.	1967	Prest, Robert Henry, B.A.	1957
Porter, Mervyn Kingsley, B.A.	1958	Preston, John Arthur Rowland, M.B., B.S.	1955
Porter, Michael Andrew, B.E.	1966	Preston, Tom, B.E.	1924
Porter, Michael Glenthorne, B.Ec.	1964	Price, Sir Archibald Grenfell, M.A. (Oxford, 1919)	1920
Porter, Reginald Bernard, Ph.D. (B.Sc., 1953, M.Sc., 1960)	1966	D.Litt.	1932
Porter, Robert, B.Med.Sc.	1954	Price, Charles Archibald, B.A.	1944
Porter, Robert Critchley, LL.B.	1962	Price, Charles William Russell, M.B., B.S.	1932
Porter, Rodney Crawford, B.E.	1959	Price, Clive Ellsworth, Ph.D. (London, 1964)	1966
Porter, Ronald Frank, B.D.S.	1940	Price, Ione Dorothy, B.A.	1948
Porter, Terence Michael, B.Sc.	1968	Price, Isobel Phebe, B.Sc.	1964
Porter, Thelma May Edith, B.A.	1941	Price, James Robert, D.Sc. (B.Sc., 1932; M.Sc., 1935)	1954
Posen, Solomon, M.D. (M.B., B.S., 1955)	1967	Price, Joan Isabel, B.A.	1938
Possingham, John Victor, M.Sc. (B.Ag.Sc., 1951)	1955	Price, Judith Helen, B.Sc.	1961
M.E. (B.E., 1956)	1954	Price, Kenneth Bonamy, B.A. (Oxford, 1949)	1951
Possingham, Maxwell Leonard, B.Sc.	1959	Price, Rodney Francis, B.Ec.	1968
Posner, Alan Meyer, Ph.D. (Cambridge, 1950)	1961	Price, Stanley Malcolm, B.App.Sc.	1967
Postle, Douglas Gordon, M.B., B.S.	1941	Price, Trafford Conor, B.Sc.	1957
Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922	Price, Winifred Vera, B.A.	1949
Potter (nee Bates), Betty, B.Sc.	1939	Pridder, Valentine Aubrey Hamilton, B.A.	1951
B.A.	1942	Pridham, Geoffrey Jasper, LL.B.	1953
Potter, Brian John, M.Sc. (B.Sc., 1945)	1950	B.A.	1955
Potter, David Charles, B.E.	1962	Pridham, Anthea Deidre, B.A.	1966
Potter, Dennis Robert, B.Sc.	1963	Pridham, Lancelot Robert, B.Sc.	1947
Potter, Frank Jaques, LL.B.	1947	Pridmore, Brian Roy, M.B., B.S.	1964
B.A.	1957	Pridmore, Kenneth George, B.Tech.	1964
Potter, Helen Anderson, B.Sc.	1962	Pridmore, Roy Vernon, B.Sc.	1925
Potter, Ian Downing, B.A.	1959	M.B., B.S.	1929
Potter, James Downing, B.Sc.	1964	Priebbenow, Arthur David, B.A.	1960
Potter, John Colin, B.Ag.Sc.	1943	Priebbenow, Clarence Raymond, B.A.	1958
Potter, John Lewis, B.Tech.	1961	Priest, Amy Grace, M.A. (B.A., 1920)	1923
Potter, John Stanley, B.Ag.Sc.	1957	Priest, Reginald Arthur, B.Sc.	1951
Potter, Maurice Martyn, B.Sc.	1957	Priestley, Alison Maude, B.A.	1965
Potter, Robert James, B.E.	1961	Prima, Inne-Lee, B.A.	1965
Potter, Roy Adolph, M.A. (B.A., 1913)	1923	Prime, Andree Joyce, B.A.	1945
Potter, Vernon Wheatley, M.B., B.S.	1941	Prime, Henry Ashworth, M.Sc. (Manchester, 1946)	1954
Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948)	1956	Prince, Erica Lloyd, B.A.	1913
Potts, Ethelwyn, B.A.	1909	Prior, Graham Clifton, LL.B.	1960
Potts, Frank Roland, B.Sc.	1922	Prior, Jill Margaret, B.A.	1967
Potts, Gilbert Macdonald, M.A. (B.A., 1911)	1915	Prior, Mary Dene, M.B., B.S.	1963
Potts, John Louis, M.B., B.S.	1951	Prior, Randall Gregory, B.Sc.	1968
Potts, Kevin Thomas, Ph.D. (D.Phil., Oxford, 1954)	1959	Pritchard, Dean Antony, B.E.	1968
Potts, Leo, M.B., B.S.	1955	Pritchard, John Joseph, B.Sc.	1934
Potts, Renfrey Burnard, B.Sc.	1945	Pritchard, John Nelson, B.A.	1954
Powell, Alan Anthony Leslie, B.Ag.Sc. (Sydney, B.Sc.Agr., 1959)	1962	Pritchard, Robert Keith, B.Ag.Sc.	1953
Powell, Barry James, B.Ec.	1964	B.A.	1961
Powell, Graeme Tullidge, B.A.	1967	Pritchard, Vita, B.A.	1941
Powell, Harold, M.B., B.S.	1913	Probert, James Keith Stewart, B.Sc.	1951
Powell, Kathleen Naomi, B.A.	1925	B.Tech.	1962
Powell, Miriam Athalie, B.A.	1927	Proctor, Ivy Millicent, B.A.	1935
Power, Barry Patrick, LL.B.	1966	Proctor, Rose Emily, B.A.	1934
Power, Frances Maureen, B.A.	1951	Proske, Uwe, B.Sc.	1963
Power, Francis Bryan, B.Ec.	1951	Prosser, Victor Albert, B.Ec.	1951
Power, John Leslie, LL.B.	1922	Proud, Millicent Farrer, M.A. (B.A., 1912)	1915
Powrie, James Kelvin, M.Sc.	1951	Proudman, Dorothy Mena, B.A.	1951
Powrie, Robert Malcolm, M.B., B.S.	1956	Proudman, William David, M.B., B.S.	1952
Poynton, John Orde, M.D. (Cambridge, 1941)	1948	Prouse, Kenneth George, B.A.	1948

\* Deceased

## GRADUATES OF THE UNIVERSITY

Provins, Kenneth Alfred, Ph.D. (Reading, 1953)	1963
Provins, Douglas Franklin, B.Sc.	1950
Prowse, Victoria Helen, B.A.	1963
Pruul, Hendrik, B.Sc.	1965
Pruul, Vaike, B.Sc.	1965
Pryce, Michael Arthur Gillies, M.E. (B.E., 1957)	1965
Pryke, Jenneth Meriel, B.Sc.	1957
Pryor, Anthony John, B.Sc.	1963
Pryor, Brian Kenneth, B.Tech.	1967
Pryor, Colin Hutson, M.B., B.S.	1952
Pryor, Cecilia Marie, Mus.Bac.	1932
Pryor, David John, B.Sc.	1968
Pryor, Eric John, B.A.	1931
Pryor, Lindsay Dixon, D.Sc. (B.Sc., 1935; M.Sc., 1939)	1959
Pryor, William Arthur, M.B., B.S.	1919
Pryor, William John, M.B., B.S.	1952
Psaltis, James, M.B., B.S.	1967
Psaltis, Stanley, B.Arch.	1966
Puckridge, Donald William, M.Ag.Sc. (B.Ag.Sc., 1961)	1965
Puckridge, James Terence Winston, B.A.	1963
Puddy, Albert Forwood, LL.B.	1935
Puddy, Maude Mary, Mus.Bac.	1905
Pudney, Colin William, B.E.	1953
Pudney, Owen John, B.Sc.	1955
Pugsley, Albert Tonkin, D.Sc. (M.Sc., 1942)	1954
Pukitis, Ilze, B.A.	1962
Puksand, Harry, B.E.	1956
Pulford, James Charles, B.Tech.	1963
Pullem, Roger Martin, B.Tech.	1967
Pullin, Dean Russell, B.E.	1958
Pullman, Brian James, Ph.D. (B.Sc., 1958; M.Sc., 1960)	1964
Pulsford, Jennifer Margaret, B.A.	1968
Purcell, Ian John, B.A.	1968
Purcell, Wendy Joan Frances, B.A. LL.B.	1962
Purdam, Irving, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1966
Purdham, Robert Keith, B.E.	1950
Purdie, Helen, B.A.	1951
Purins, Brigita Nina, B.A.	1966
Purslow, Martin, B.A.	1968
Purton, David Gabriel, M.A. (B.A., 1916)	1953
Puust, Teet, B.Tech.	1918
Pusmucans, Anthony, B.Tech.	1967
Pye, Ian Malcolm, B.A.	1968
Pyne, Maurice Ignatius, M.A. (B.A., 1924)	1968
Pyne, Remington John, M.B., B.S.	1930
Pynor, Donald Edward, B.D.S.	1953
	1950
Q	
Quartly, Kay, B.A.	1967
Quartly, Marian, B.A.	1964
Quayle, Bronte Clucas, LL.B.	1948
Queale, Peter Rodney, B.E.	1961
Quick, Donald Glen, B.Tech.	1959
Quigley, Brian Maxwell, B.A.	1965
Quigley, Francis James Leo, B.A.	1967
Quinn, Patrick James, B.Ag.Sc.	1968
Quinn, Mary Cecilia, B.A.	1955
Quinn, Michael Brian, B.Sc.	1956
Quirk, Helen Marian, B.A.	1951
Quirk, James Patrick, Ph.D. (London, 1952)	1959
R	
Rabone, Elaine Thelma, B.A.	1959
Rabone, Harry Klements Percival, B.A.	1939
Radcliffe, John Clive, B.Ag.Sc.	1960
Radcliffe, Sheila, B.A.	1944
Raddel, Brian Gray, Ph.D. (London, 1959)	1962
Radden, Harvey Stewart, M.B., B.S. (Manchester, 1958)	1967
Radford, Anthony James, M.B., B.S.	1961
Radford, Paul, M.A. (Oxford, 1934)	1961
Radok, Jens Rainer Maria, Ph.D. (D.Ing., T.H. Munich, 1955)	1963
Radoslovich, Edward William, D.Sc. (B.Sc., 1949, M.Sc., 1952)	1968
Radzevicius, Laima Ann, B.A.	1966
Raffen, Douglas Gordon, B.E.	1952
Rafferty, George Aldborough, B.Ec.	1949
Raggambi, Otto, B.E.	1965
Raggatt, Jillian Jean, B.A.	1967
Raggatt, Thomas Sutherland, B.A.	1945
Rahman, Md. Mustafizur, Ph.D.	1967
Raine, Margaret Napier, B.A.	1939
Rainnie, Graeme Fraser, B.Sc.	1942
Rainsford, Brett Geoffrey, B.Sc.	1967
Rainsford, Kathleen Mary, B.Sc.	1943
Raison, John Kenneth, Ph.D.	1964
Rait, William Lockhart, M.Sc.	1935
Rajan, Lalethambel, M.B., B.S.	1957
Rajbhandary, Kamala Bhagat, Ph.D.	1958
Ralph, Anthony John, B.Sc.	1966
Ramage, Brian William, B.E.	1967
Ramani, V. Kalyana, B.E.	1965
Ramly, Ahmad, B.E.	1963
Ramsay, Alexander Maurice, B.Ec.	1941
Ramsay, George Caird, Ph.D. (B.Sc., 1960)	1966
Ramsay, James David, B.Tech.	1964
Ramsay, Janet Kay, B.A.	1965
Ramsay, Robert Duncan, B.E.	1966
Ramsay-Matthews, Graham, B.A.	1951
Ramsey, Alfred Maxwell, B.Ec.	1965
Ramsey, Douglas Peter, B.Sc.	1967
	1958
	1968
Ramsey, Gregor Allen, B.Sc.	1968
Ramsey, John Andrew Benjamin, M.B., B.S.	1961
Ramsey, Michael Campbell, B.Ag.Sc.	1968
Ramsey, Stephen Roland, B.A.	1968
Ramsey, William Allan David, M.B., B.S.	1935
Rance, George Howe, B.Sc.	1961
Randall, Robert Bond, B.Tech.	
Randell, Allan Elliott, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1897
Randell, William Richard, M.B., B.S.	1947
Randle, Alexander Miller, B.Sc.	1951
Randles, John Wesley, M.Ag.Sc. (B.Ag.Sc., 1961)	1966
Randva, Oswald, B.Tech.	1961
Rankin, Don Geoffrey, B.Sc.	1968
Rankin, Mervyn Alexander, M.Sc. (B.Sc., 1927)	1931
Rankin, Robert, B.App.Sc.	1967
Rankine, Alexander Mackenzie, M.B., B.S.	1952
Rankine, Bryce Crossley, M.Sc. (B.Sc., 1945)	1953
Rao, Paluri Sundara, Ph.D.	1967
Rao, Pappu Durga Prasade, M.Sc.	1966
Rao, Ravindra Pratap, Ph.D.	1956
Rao, Velamury Raghavendra, Ph.D.	1965
Raptis, Constantinos, M.B., B.S.	1968
Raptis, Spero, M.B., B.S.	1952
Rasch, John, B.E.	1956
Rasch, Marjorie, B.Sc.	1966
	1955
	1968
Rasheed, Kenneth Michael, B.E.	1967
Rashleigh, David Graham, B.Sc.	1967
Ratcliffe, Douglas, B.Sc.	1963
Ratcliffe, Douglas, B.Sc.	1964
Ratcliffe, Ashleigh Fiander, B.Sc.	1962
Ratcliffe, Julian Wayne, B.Sc.	1961
Rathjen, Anthony John, B.Ag.Sc.	1961
Rathmann, Leonard Herbert, B.E.	1955
Rattigan, John Herbert, M.Sc. (B.Sc., 1948)	1964
Rattley, John Anthony Charles, B.Sc.	1968
Ratray, Alistair Thurston, B.Sc.	1962
Ratray, Charles McNab Iverson, B.Sc.	1961
Ratz, Alfred Egon, B.A.	1958
Raud, Rasmus, B.Tech.	1954
Raupach, Maxwell, M.Sc. (B.Sc., 1945)	1958
Rawat, Rishi Ram, Ph.D.	1960
Rawnsley, Stella, B.A.	1961
Rawolle, Keith Charles, B.Sc.	1968
Rawson, George Leonard Donald, M.B., B.S.	1968
Rawson, Howard Miles, Ph.D.	1968
Rawson, Janine Adele, B.A.	1943
Ray, Angus Charles, LL.B.	1936
Ray, John, M.B., B.S.	1933
Ray, William Robert, B.A.	1907
Ray, Walter Vernon, LL.B.	
Raymond, Ira Doley, M.A. (Western Australia, 1951)	1964
Raymond, John Lynton, B.Sc.	1967
Raymond, Malcolm Leslie John, B.Tech.	1967
Raymond, Trevor Ralph, B.Sc.	1960
Rayner, Colin Robert, B.Ec.	1920
Rayner, George Percival, B.A.	1968
Rayner, Lewis Keith, B.Ec.	1968
Rayner, William Henry, B.A.	1907

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Read, Anthony Llewellyn, B.E.	1961	Reiss, James Allan, Ph.D. (B.Sc., 1964)	1968
Read, Clarence Percy, B.A.	1959	Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902
Read, David Keith, B.Tech.	1964	Remelje, Wolfgang Werner, B.Sc.	1963
Read, David Norman, B.E.	1968	Remilton, John Robert, M.B., B.S.	1953
Read, Frances Margaret, B.Sc.	1961	Rendell, Alan, B.A.	1930
Read, John Herbert, B.A.	1949	Rendell, Anthony Alan, B.A.	1962
Read, John Maidment, B.Sc.	1966	Rendell, Jeanette Margaret, B.A.	1968
Read, Norman George, M.Sc. (B.Sc., 1943)	1945	Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952
Read, Peter John, B.Ec.	1959	Renfrey, Arthur William, B.Ec.	1959
Read, Philip Andreas, B.A.	1930	Renfrey, Lionel Edward William, B.A.	1938
Read, Philip Kimble, B.Tech.	1964	Reni, Bruno, M.B., B.S.	1956
Read, Wendy Margaret, B.A.	1964	Renner, Johannes Theodore Erich, B.A.	1950
Reade, Peter Clarence, Ph.D. (M.D.S., 1963; B.D.S., 1952)	1965	Renney, John Thomas Goodchild, M.B., B.S.	1955
Reade, Robert Victor, B.A.	1964	°Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919
Reardon, Mary Dulcie, B.A.	1952	Resek, Marietta, B.A.	1964
Rechner, Russell Jay, B.Ec.	1961	Retallick, Alan John, B.E.	1955
Redcliffe, Owen Andrew, B.Sc.	1965	Retallick, Bruce James, B.A.	1935
Redden, Martin Philip, B.A.	1933	B.Sc.	1939
Redden, Patricia Eileen, B.A.	1966	Retallick, Robin Mark, B.Tech.	1967
Redden, Robert John, B.Ag.Sc.	1965	Reuter, Colin Albert, B.D.S.	1955
Redin, Lewis Charles, B.A.	1958	Reuter, Douglas James, B.Ag.Sc.	1963
Redman, James Johnston, LL.B.	1935	Revalk, Jacqueline Ann, B.A.	1967
Redman, Susan Paquita, B.A.	1963	Reynolds, Beatrice Mary Heywood, B.A.	1924
Redmond, John Bice, B.E.	1948	Reynolds, Bevan William, B.D.S.	1959
Redmond, John William, Ph.D. (B.Sc., 1964)	1968	Reynolds, Bruce Leslie, Ph.D.	1968
Redpath, Lynda Rosamond, B.A.	1961	Reynolds, Geoffrey Dennison, Ph.D. (B.Sc. 1964)	1968
Redstone, Frank, B.A.	1957	Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958
Redway, John Alfred George, B.E.	1955	Reynolds, Howard, B.Sc.	1950
Reed, Barbara, B.A.	1954	Reynolds, James Alan, B.E.	1953
Reed, Catherine Elaine Thornton, B.A.	1966	Reynolds, John Heywood, B.A.	1928
Reed, Denis John, B.Tech.	1961	Reynolds, Lilo, B.A.	1948
Reed, Eileen Ruth Lathleen, B.Sc.	1919	Reynolds, Maxwell Andrew, B.Sc.	1951
Reed, Sir Geoffrey Sandford, LL.B.	1913	Reynolds, Maxwell Stanley, B.A.	1948
Reed, John Tweedie Thornton, B.A.	1967	Reynolds Brown, Elizabeth Margaret, LL.B.	1966
Reed, Margaret Doris, B.Sc.	1955	Reznikov, Michael, B.Sc.	1955
°Reed, Mary Ethel Hayter, M.B., B.S.	1924	Rhodes, George Anthony, M.B., B.S.	1963
Reed, Mary Prudence, B.A.	1967	Rhodes, Gwendoline Maude, LL.B.	1939
Reed, Philip James, B.Sc.	1967	Rhodes, Lawry James, B.Tech.	1962
Reed, Robert David Geoffrey, B.E.	1950	Rhymer, Lorna May, B.A.	1957
Reed, Robert Maxwell, M.B., B.S.	1967	Rice, Brian George, B.Sc.	1954
Reed, Thomas Thornton, M.A. (Melbourne, 1927)	1929	Rice, John David, M.B., B.S.	1930
D.Litt	1954	Rice, John Peter, M.B., B.S.	1961
Reedman, Cole Warren, B.Ec.	1960	Rice, Lawrence John, M.B., B.S.	1948
Rees, Harold Mitchell, M.B., B.S.	1924	Rice, Michael Scollin, M.B., B.S.	1959
Rees, John David, B.Sc.	1953	Rice, Phillip John, LL.B.	1951
Reeves, Edith Louie, B.A.	1945	°Rice, Therese Marie, M.A. (B.A., 1942)	1947
Reeves, George Wheatley, B.Ag.Sc.	1967	Rice, Vincent de Paul Lawrence, M.B., B.S.	1933
Reeves, Leopold Hugh Duncan, Ph.D.	1964	Rice, Vivien Christine, B.A.	1966
Reeves, Rupert Kirk, M.B., B.S.	1926	Rice, William Mitton, B.E.	1953
Rehn, Christopher Heaton, B.Sc.	1968	Riceman, David Stirling, D.Sc., (M.Sc., 1947)	1959
Rehn, Denzil Farnham, B.A.	1955	Riceman, Mary Stirling, B.Sc.	1965
Rehn, Peter Francis, B.E.	1963	Riceman, William David, B.Sc.	1966
Reichstein, Lance Eric Harold, B.E.	1922	Richards, Anthea Ellen, B.Sc.	1963
Reid, Arthur Douglas, M.B., B.S.	1924	Richards, Anthony Howard, B.Sc.	1965
Reid, Bruce James, B.A.	1962	°Richards, Archibald Charles, M.A. (B.A., 1922)	1927
Reid, David Argyl Campbell, B.E.	1949	Richards, Brian Erlstone, B.A.	1968
Reid, Donald Peter, M.B., B.S.	1956	Richards, Brian Gordon, B.E.	1958
Reid, Douglas Rusk, B.Tech.	1959	Richards, Bruce Leslie, B.Tech.	1959
Reid, Elizabeth Ellen, B.A.	1933	Richards, Cecil Albert, M.A. (B.A., 1924)	1929
Reid, Gordon Stanley, Ph.D. (London, 1957)	1958	B.Sc.	1931
Reid, Gordon Stephen, B.A.	1954	Richards, Christopher Marc Barber, B.Sc.	1967
Reid, Janice Clare, B.Sc.	1968	Richards, Clarence, B.Sc.	1915
°Reid, John Douglas, M.B., B.S.	1954	M.B., B.S.	1919
Reid, John Graham, M.B., B.S.	1954	Richards, David John, B.Tech.	1961
Reid, Max Bertram, M.B., B.S.	1937	Richards, Dulley Lewis, LL.B.	1931
Reid, Neville Collison, B.Ec.	1956	Richards, Eric Dean, M.B., B.S.	1951
Reid, Robert Leighton, M.A. (B.A., 1953)	1954	Richards, Eva Gertrude, B.A.	1914
Reid, Ross Stevenson, B.D.S.	1965	Richards, Fred Kither, B.Ec.	1956
Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947)	1956	°Richards, Sir Frederick William, LL.D. (London, 1896)	1897
Reid, William Lister, M.B., B.S.	1931	Richards, Gordon Alfred, B.A.	1937
Reilly, Patrick John, M.B., B.S.	1928	Richards, James Ross, M.B., B.S.	1954
Reilly, Peter Lawrence, B.Med.Sc.	1963	Richards, Kenneth Ross, B.Sc.	1948
M.B., B.S.	1966	Richards, Maxwell John, M.B., B.S.	1954
Reilly, Phillip Herbert, B.D.S.	1940	Richards, Newell John, B.Sc.	1967
Reilly, Robert Neil, M.B., B.S.	1933	Richards, Ronald Roy, B.Ag.Sc.	1951
Reilly, Terence Joseph, LL.B.	1968	Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951
Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	1935	Richards, William Edward, B.A.	1932
Reimann, Valesca Leonore Olive, M.A. (B.A., 1910)	1914	Richardson, Alan James, B.A.	1963
Reiners, John Alexander, B.D.S.	1950	Ph.D.	1967
Reinfelds, Juris, Ph.D. (B.Sc., 1958)	1963	Richardson, Barry Gilbert, B.Ec.	1962
Reinfelds, Gundega, B.Sc.	1961		
Reinpuu, Willi, B.Tech.	1962		
Reintals, Voldemar, B.E.	1960		
Reisonas, Irvis John, B.E.	1957		

° Deceased

Richardson, Frances Helen, B.A.	1965	Roberts, James Francis, B.Ec.	1966
Richardson, John Milton, B.Ag.Sc.	1952	Roberts, Jennefer Mary, B.A.	1959
Richardson, John Patrick, M.B., B.S.	1952	Roberts, Jillien Mary, LL.B.	1949
Richardson, Middleton Bart, B.Sc.	1941	Roberts, John Barry, B.Sc.	1957
Richardson, Noel Lewis, B.Ag.Sc.	1963	Roberts, John Desmond, B.A.	1953
Richardson, Patricia Sophia, M.B., B.S.	1937	Roberts, Joseph Armistice, M.B., B.S.	1950
Richardson, Ralph Stuart, B.E.	1967	Roberts, Karen Christina, B.A.	1967
Richardson, Robert Frank, B.Tech.	1968	Roberts, Marcia Anne, B.A.	1963
Richardson, Robert William, B.E.	1953	Roberts, Michael Lawrence, B.D.S.	1967
Richardson, Ruth Mary Desmond, B.A.	1954	Roberts, Nancy Mowbray, B.A.	1947
Richardson, Walter Murray, B.Sc.	1951	Roberts, Peter Michael, B.E.	1962
Richardson, Warren Anthony, B.E.	1965	Roberts, Richard Gregory Dennis, B.Sc.	1966
Richardson, William Arthur Ridley, B.A. (Oxford, 1950)	1966	Roberts, Richard Leslie, B.E.	1953
Richmond, James Malcolm, B.A.	1961	Roberts, Robert Edward, B.Tech.	1964
Richter, Gunter Walter, B.A.	1965	Roberts, Robin Lea, B.A.	1939
Rickard, Graeme Robert, B.Sc.	1963	Roberts, B.Ec.	1956
Riddell, Frank Scoular, M.B., B.S.	1953	Roberts, Ronald Sydney George, B.Tech.	1961
Ridge, Nancy Pamela, B.A.	1966	Roberts, Roy, B.A.	1956
Ridgway, Margaret, Lesley Christina, B.A.	1968	Roberts, Sheila Margaret, B.A.	1959
Ridgway, Phillipa Mary, B.A.	1967	Roberts, Terence James, B.E.	1964
Ridings, Anthony James, M.B., B.S.	1967	Roberts, Thomas Albert, B.Ec.	1967
Ridley, Kenneth Floyd, B.Tech.	1963	Roberts, Timothy Kilgour, B.Sc.	1967
Rieck, Bruce William Jarrett, LL.B.	1963	Roberts-Thomson, Mary Elizabeth, M.B., B.S.	1967
Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957	Robertson, Alfred Bentley, B.E.	1942
Riedel, Felix Daniel, B.A.	1950	Robertson, Allison Alexander, B.E.	1952
Riedel, Melita Wanda, Mus.Bac.	1920	Robertson, Andrew Derek, B.D.S.	1961
Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952	Robertson, Angus Reid, M.B., B.S. (Manchester, 1956)	1967
Riegel-Huth, Jill Penelope Ann, B.A.	1966	Robertson, Anthony Oliver, M.B., B.S.	1956
Riegel-Huth, Ronald David, B.E.	1968	Robertson, Betty Ann Fotheringham, B.A.	1948
Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919	Robertson, Christopher Lumley, M.B., B.S.	1957
Rieger, Richard Anthony, M.B., B.S.	1958	Robertson, Clara Enid, B.A.	1929
Riggs, Brenton John, B.Ec.	1966	Robertson, Colin Frank, M.B., B.S.	1954
Riggs, Noel Victor, B.Sc.	1942	Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954
Rigter, Gerard Theodore Joseph, B.A.	1960	Robertson, Donald Alexander, LL.B.	1934
Riley, John, M.B., B.S.	1953	Robertson, Gwendoline Katherine, B.Sc.	1948
Riley, Mabel, B.A.	1908	Robertson, Hall, B.E.	1948
Riley, Maxwell Stephen, B.Tech.	1967	Robertson, Heather Joy, B.A.	1968
Rimes, Garnet Dean, B.Sc.	1950	Robertson, Helen Jean, B.Sc.	1965
Rimmer, David Barry, B.E.	1961	Robertson, Ian, M.B., B.S. (M.B., Ch.B., Cape Town, 1948)	1963
Rinfret, The Right Honourable Thibaudau, P.C., LL.D. (McGill)	1951	Robertson, Ian Robert, B.E.	1948
Ringwood, Pamela Elsie, LL.M.	1965	Robertson, Iris Esther, M.A. (B.A., 1923)	1925
Ringwood, Prudence Mary, B.Pharm.	1968	Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950
Riordan, Jillian Mary, B.A.	1965	Robertson, Janet Marian, B.A.	1960
Riordan, Lorraine, B.A.	1968	Robertson, John Charles, B.E.	1960
Rippert, Reinhart, M.B., B.S.	1957	Robertson, Kenneth Alexander, B.A.	1954
Risby, John Young, B.Ec.	1962	Robertson, Kenneth James, M.D.S. (B.D.S., 1940)	1953
Rischbieth, Henry George, M.B., B.S.	1942	Robertson, Leon Medley, B.E.	1951
Rischbieth, John Ross, B.Sc.	1937	Robertson, Leith Stanley, B.A.	1966
Rischbieth, Oswald Henry Theodore, B.A.	1909	Robertson, Malcolm Lindsay, LL.B.	1963
Rischbieth, Richard Harold Charles, M.B., B.S.	1951	Robertson, Margaret Jean, B.A.	1956
Risely, Barrie Grenville, B.Sc.	1956	Robertson, Nancy Douglas, B.Sc.	1945
Risely, Dennis John, B.Sc.	1962	Robertson, Robert James, B.Sc.	1966
Ristitz, Alexander, B.Sc.	1967	Robertson, Robert Malcolm, B.Ec.	1962
Ritchie, Jean Frances Ann, B.A.	1967	Robertson, Ronald Peter, M.B., B.S.	1945
Ritchie, Robert William, B.Ec.	1965	Robertson, Rutherford Ness, D.Sc. (Sydney, 1961), F.R.S.	1963
Ritenis, Indulis, M.B., B.S.	1955	Robertson, Sydney Clifford, B.Sc.	1922
Ritenis, Janis, M.A.	1967	Robertson, M.E. (B.E., 1924)	1935
Ritson, Robert John, M.B., B.S.	1962	Robertson, Thorburn Stirling Brailsford, B.Sc.	1948
Rivers, Anne Elizabeth, B.Mus.	1968	Robertson, M.B., B.S.	1953
Rivett, Leo James, B.Tech.	1964	Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1953
Rivett, Mary Irene, B.A.	1967	Robertson, William Roy, B.E.	1959
Rix, Areta, B.A.	1938	Robin, Angus Geoffrey, B.Sc.	1952
Roach, Desmond Michael, B.E.	1952	Robin, David Rex, B.Tech.	1960
Roach, John Carlyle, B.E.	1921	Robin, Philip Wendover, B.E.	1959
Roach, John Robert, Ph.D. (B.E., 1960)	1966	Robins, Robert William, B.A.	1966
Roach, Rodney Barrington, B.D.S.	1963	Robinson, Arthur James, B.E. (Melbourne, 1929)	1937
Roark, Bruce Archibald, Ph.D.	1956	Robinson, Donald Neile, M.B., B.S.	1948
Robbins, Thomas Fellows, B.E.	1940	Robinson, Edgar, LL.B.	1912
Robert, Douglas Bower, B.Sc.	1942	Robinson, Edwin George, M.Sc. (B.Sc., 1941)	1947
Robert, John Douglas, B.E.	1966	Robinson, Erroll Harry Crosby, B.A.	1967
Roberts, Alan, B.A.	1967	Robinson, James Bennett, B.Ag.Sc.	1963
Roberts, Alan Carlyle, M.B., B.S.	1964	Robinson, John Walton, B.E.	1957
Roberts, Alan Kenneth, B.Tech.	1968	Robinson, Jocelyn Hazel, B.A.	1966
Roberts, Allen Bruce, B.E.	1967	Robinson, Laurence Charles, M.Sc.	1959
Roberts, Arthur Bruce, LL.B.	1922	Robinson, Marie Patricia, B.A.	1941
Roberts, Beryl Irene, B.Mus.	1965	Robinson, Mary Kelly, M.Sc. (B.Sc., 1947)	1951
Roberts, Bronwyn Hurst, B.A.	1968	Robinson, Michael Alexander, M.B., B.S.	1954
Roberts, David Brian, B.E.	1965	Robinson, Michael Laurence, B.E.	1959
Roberts, David Pearson, B.Sc. (Eng.)	1947	Robinson, Philip Arthur, B.E.	1962
Roberts, Deidre Marie, B.A.	1966		
Roberts, Douglas Patrick, B.Sc.	1966		
Roberts, Ernest Albert Kevin, B.A.	1962		
Roberts, Franklyn Clarke, B.Tech.	1964		
Roberts, Ian Noel, B.E.	1964		
Roberts, Ivor Charles, M.B., B.S.	1952		

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Robinson, Reginald Ray, B.Tech.	1960
Robinson, Warwick Bruce, B.Sc.	1962
Robjohns, Henry Colin, M.B., B.S.	1932
Robless, Cosmas Linus, B.Ec.	1956
Robson, Hugh Norwood, M.B., B.S. (M.B., Ch.B., Edinburgh, 1941)	1962
Robson, Kenneth James, M.B., B.S.	1961
Rochlin, Aaron, LL.B.	1921
Rochlin, Elijah, LL.B.	1928
Rochow, Keith Arnold, B.Sc.	1958
Rodbourn, Arthur, B.Ec.	1951
Rodda, Harold James, M.Sc. (B.Sc., 1941)	1945
Rodda, Sharron Lea, B.A.	1966
Roder, David Murray, B.D.S.	1965
Roder, John Herbert, M.A. (B.A., 1950), LL.B.	1951
Rodger, Geoffrey James, B.Sc.	1915
Rodger, Henry John, B.Sc.	1963
Rodger, John Geoffrey, B.E.	1953
Rodger, Michael Scott, B.A.	1966
Rodgers, Brian John, B.E.	1966
Rodgers, Frances Ada, B.A.	1928
Rodgers, William Orril, M.B., B.S.	1959
Roe, Ernest, M.A. (Oxford, 1946) Ph.D.	1960
Roe, Geoffrey Palmer, B.Ag.Sc.	1964
Roe, Jillian Isobel, B.A.	1951
Roehrs, Herma Erika, B.A.	1963
Roennfeldt, Karen Christine, B.A.	1945
Roennfeldt, Richard John, B.E.	1985
Roesler, Leon William, B.Sc.	1965
Rofe, Bryan, B.Sc.	1961
Rofe, Rodney Broughton, B.Ec.	1939
Rogasch, Peter Edwin, M.Sc. (B.Sc., 1954)	1956
Rogers, Anthony Howard, M.Sc. (B.Sc., 1957)	1957
Rogers, Charles Malcolm, B.E.	1961
Rogers, Geoffrey Francis, M.B., B.S.	1939
Rogers, George Ernest, Ph.D. (Cambridge, 1957)	1962
Rogers, Ian Frederick, B.D.S.	1963
Rogers, Ian Stansfield, B.Ag.Sc.	1951
Rogers, Irene Blanche, M.A. (B.A., 1926)	1958
Rogers, James Keith, B.Sc.	1962
Rogers, Janet Vila, B.Sc.	1968
Rogers, Jeffrey Noble, B.Ec.	1968
Rogers, John Andrew, M.B., B.S.	1960
Rogers, John McDonald, M.B., B.S.	1952
Rogers, Kerry Llewellyn, B.E.	1963
Rogers, Kevin Clive, LL.B.	1962
Rogers, Lesley Joy, B.Sc.	1964
Rogers, Lesley Patricia, B.A.	1961
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	1925
Rogers, Peter Lindsay, B.E.	1963
Rogers, Roderick Westgarth, B.Sc.	1963
Rogers, Ronald Desmond, B.A.	1965
Rogers, Ruth Nellie, B.A.	1955
Rogers, Theodore Stansfield, B.E.	1928
Rogers, Warren McIntosh (Warden of the Senate), LL.B.	1958
Rogers, William Percy, Ph.D. (London)	1959
Rogerson, Arthur, M.A. (Oxford, 1954)	1967
Rohan, Gregory John, B.D.S.	1966
Rohan, Paul, M.E.	1963
Rohde, Norman John, B.A.	1968
Rohrlach, Kenneth Deane, B.Sc.	1964
Rohrlach, Neville Crawford, B.Tech.	1962
Rohrsheim, Geoffrey Charles, B.Ec.	1965
Rolfe, Penelope Susan, B.Sc.	1966
Rolland, James Alexander, M.B., B.S.	1917
Rolland, James Alexander Bryan, M.B., B.S.	1943
Rolland, William Maitland, B.A.	1936
Rollison, John William, M.B., B.S.	1925
Rollison, Robert Michael, B.A.	1968
Rollond, Andrew Kenneth, M.B., B.S.	1964
Roman, Desmond, B.Med.Sc.	1962
Ronal, Tibor, M.B., B.S.	1965
Ronald, Ian Douglas, B.D.S.	1948
Roney, Bruce Deane, B.Sc.	1950
Rook, Kevin Maxwell, B.Sc.	1965
Rooney, Andrew David, B.Tech.	1947
Rooney, Clifford, B.Sc.	1967
Rooney, Gwennyth Minnie, B.A.	1929
Rooney, Lois Josephine, B.A.	1934
Rooney, Marjorie Winnifred, B.A.	1945
Rooney, Meredith Jean, B.A.	1949
Rooney, Thomas Michael, B.Tech.	1961
Roose, Willem Adriaan, B.A.	1968
Roper, Bruce Malcolm, B.A.	1984
Roper, John McEwen, B.Sc.	1965
Roper, Robert George, Ph.D. (B.Sc., 1957)	1966
Rose, Cathrine Margaret, B.A.	1963
Rose, Gordon Albert, B.E.	1957
Rose, Jillian Isobel, B.A.	1921
Rosenberg, Leopold Henry, B.A.	1963
Rosenberg, Mendel Wolf, M.B., B.S.	1963
Rosenfeldt, Franklin Lawrence, M.B., B.S.	1942
Rosenhain, Geoffrey, M.A. (B.A., 1941)	1964
Rosenstein, Nicholas Felix, M.B., B.S.	1950
Rosenthal, Robert Milton, B.A.	1956
Rosenthal, Stephanie Jane, B.Mus.	1964
Rosman, Frank Edgar, B.Sc.	1968
Ross, Alexander David, D.Sc. (Glasgow)	1908
Ross, Dudley Bruce, LL.B.	1926
Ross, Graham Frank, B.A.	1914
Ross, Ian Fraser, M.B., B.S.	1967
Ross, Margaret Anne, B.A.	1968
Ross, Maxwell Alexander, M.Ag.Sc., (B.Ag.Sc., 1959)	1964
Ross, Nadeen Adoree, B.A.	1966
Ross, Robert Harvey Montgomery, B.Sc.	1951
Ross, Robert Henry, M.B., B.S.	1967
Ross, Ruth Elizabeth, B.A.	1962
Ross, Sydney George Frederick, B.E.	1963
Ross, William Alexander, LL.B.	1949
Rossiter, Dean Edward, B.Sc.	1947
Rossiter, James Leonard, M.A. (B.A., 1910)	1965
Rostek, Lydia, B.A.	1912
Round, David Keith, B.Ec.	1966
Rounsevell, David Elliott, B.Sc.	1966
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1968
Routley, Peter Herbert, B.A.	1947
Roveda, Sidney Ivor Luigi, B.D.S. (B.D.Sc., Queensland, 1953)	1959
M.D.S.	1963
Rowan, Ian Stanley, B.Sc.	1965
Rowe, Albert Percival, B.Sc. (London, 1922)	1965
Rowe, Allan Gordon, M.B., B.S.	1948
Rowe, Colin Davies, LL.B.	1942
Rowe, Colin Trevor, B.Ec.	1934
Rowe, Dean Donald, B.Tech.	1960
Rowe, Eric Nielsen, B.E.	1964
Rowe, Ernest John, B.Ec.	1960
Rowe, Ernest Thomas, B.Sc.	1962
Rowe, Fletcher David, M.B., B.S.	1920
Rowe, George Eddy, B.Ec.	1945
Rowe, James William, B.E.	1956
Rowe, Jeffrey Edward, B.Sc.	1965
Rowe, Joan Elizabeth, B.Sc.	1967
Rowe, Judith Anne, B.A.	1968
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered)	1968
Rowe, Michael John, B.E.	1949
Rowe, Robert Mountjoy, B.E.	1968
Rowe, Ronald, M.B., B.S.	1966
Rowe, Stanley Edgar, B.Sc.	1954
Rowe, Trevor John, B.A.	1950
Rowe, William Vivian, M.B., B.S.	1962
Rowell, Hugh Grant, B.A.	1948
LL.B.	1965
Rowell, Jack Alan, M.Sc. (Leeds, 1964)	1965
Rowell, Keith Addison, B.E.	1966
Rowland, John Howard, LL.B.	1938
Rowlands, Edward John, B.Sc.	1937
Rowley, Derrick, M.D. (London, 1957)	1948
Rowley, Rex Cameron, B.Sc.	1965
Rowney, Barry Glencoe, B.Arch.	1951
Roy, Alexander Bilton, D.Sc. (Edinburgh, 1957)	1964
Roy, Bimal Chandra, B.D.S.	1964
Royal, Donald Norman, B.E.	1960
Royal, Ian Morris, B.A.	1958
Rozenbils, Jeff Girts, M.B., B.S.	1962
Rozenbils, Maris Atis Michael, M.B., B.S.	1960
Ruangsuvan, Charu-Udon, B.E.	1961
Rudd, Daryl Arthur, B.Sc.	1964
Rudd, Douglas John, B.E.	1961
Rudd, Eric Aroha, B.Sc.	1961
Rudd, Christopher Lloyd, B.Ag.Sc.	1930
Rudd, Kenneth Clive, B.A.	1964
Rudd, Lex, B.Sc.	1947
	1968

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Rudé, George Frederick Elliot, Ph.D. (London, 1950)	- - - - -	1961	Sainsbury, Robert William James, B.E.	- - - - -	1951
D.Litt.	- - - - -	1967	Saint, Bryce Wesley, B.A.	- - - - -	1968
Rudrum, Alan William, B.A. (London, 1954)	- - - - -	1959	Saksena, Hari Krishna, Ph.D.	- - - - -	1953
Rudzki, Zbigniew, B.Sc.	- - - - -	1966	Salkeld, David Anthony, B.E.	- - - - -	1964
Ruediger, Malcolm Milton, B.A.	- - - - -	1954	Salkeld, Peter William, B.Tech.	- - - - -	1968
Rugless, David John, B.D.S.	- - - - -	1963	Salleh, bin Mohd Nor, B.Sc.	- - - - -	1965
Rugless, Helen Louise, B.A.	- - - - -	1964	Salleh, Hussein bin Mohamed, M.B., B.S.	- - - - -	1964
Ruiter, Jan Harm, M.Sc.	- - - - -	1965	Sallis, Brian Leonard, B.Ec.	- - - - -	1962
Rumball, Bruce Lansley, B. Tech.	- - - - -	1958	Sallis, John Dalwood, Ph.D. (B.Sc., 1958)	- - - - -	1964
Rumbelow, Denis, B.Sc.	- - - - -	1963	Sallis, Margaret Elsie, B.A.	- - - - -	1961
Rumbelow, William Godfrey, B.A.	- - - - -	1966	Salter, Christine Frances, M.B., B.S.	- - - - -	1965
Rumbold, Peter, B.Tech.	- - - - -	1968	Salter, Douglas Munro, M.B., B.S.	- - - - -	1926
Rumpff, Sally Anne, B.A.	- - - - -	1962	Salter, William Fulton, M.B., B.S.	- - - - -	1936
Rungie, John Michael, B.Sc.	- - - - -	1967	Salveson, Donald Gordon, B.Tech.	- - - - -	1960
Rungie, William Frederick, B.Ec.	- - - - -	1968	Samaha, Tonie Samuel, M.B., B.S.	- - - - -	1954
Rush, Gillian Mary, M.B., B.S.	- - - - -	1960	Samcewicz, Zdzislaw Ryszard, B.E.	- - - - -	1955
Russ, Peter James, B.Sc.	- - - - -	1965	Samelowitz, Neil, M.B., B.S.	- - - - -	1950
Russell, Albert William, M.B., B.S.	- - - - -	1949	Sampson, Dulcie Joyce, Mus.Bac.	- - - - -	1938
Russell, Alexander Richard, B.Tech.	- - - - -	1961	Sampson, John Coffey, B.D.S.	- - - - -	1951
Russell, Alfred Burgess, M.B., B.S.	- - - - -	1919	Samuel, Geoffrey, M.Sc. (B.Sc., 1921)	- - - - -	1926
Russell, Anthony Vincent, LL.B.	- - - - -	1967	Samuel, Helen Josephine, B.A.	- - - - -	1939
Russell, Eric Alfred, B.Ec. (B.Com., Melbourne, 1943)	- - - - -	1954	Samy, Arnold, B.Tech.	- - - - -	1965
Russell, Ernest Albert Harold, M.B., B.S.	- - - - -	1911	Sandeman, Ronald John, B.Sc.	- - - - -	1951
Russell, Ernest Alfred David, M.B., B.S.	- - - - -	1949	Sander, Keith Reginald, B.Tech.	- - - - -	1968
Russell, Frank Henderson, B.E.	- - - - -	1950	Sandercock, Alfred Mervyn, B.A.	- - - - -	1936
Russell, Janet Barbara, M.B., B.S.	- - - - -	1947	Sandercock, Charles, B.Sc.	- - - - -	1963
Russell, John Samuel, B.Ag.Sc.	- - - - -	1948	Sandercock, Edward Robert, Ph.D. (B.Sc., 1960)	- - - - -	1968
Russell, John Victor, B.Arch.	- - - - -	1961	Sandercock, Rex Glynde, B.Sc. (Eng.)	- - - - -	1943
Russell, Peter Clifford, B.E.	- - - - -	1967	Sanders, Angelika Marie, M.B., B.S.	- - - - -	1963
Russell, Peter John, B.A.	- - - - -	1967	Sanders, Grace Annie, B.A.	- - - - -	1920
Russell, Robert Alfred, M.B., B.S.	- - - - -	1943	Sanders, Harold William, B.A.	- - - - -	1912
Russell, Ronald Edyvane, M.B., B.S.	- - - - -	1946	Sanders, Irma Mary, B.A.	- - - - -	1943
Russell, Ronald Thomas, B.Sc.	- - - - -	1957	Sanders, John Veysey, B.Sc.	- - - - -	1944
Russell, Vance Seymour, B.Sc.	- - - - -	1964	Sanders, Mostyn Clifford, B.Sc.	- - - - -	1944
Russell, Walter Alfred, M.B., B.S.	- - - - -	1935	Sanders, Peter David, M.B., B.S.	- - - - -	1968
Russell, Walter John, M.B., B.S.	- - - - -	1962	Sanders, Robert William, B.E.	- - - - -	1948
Russo, Eugene, B.Sc.	- - - - -	1967	Sanders, Robin Ramsay, M.B., B.S.	- - - - -	1966
Ruthven, Max Graham, B.Sc.	- - - - -	1961	Sanderson, John Gavin, Ph.D. (B.Sc., 1950; M.Sc., 1958)	- - - - -	1967
Rutland, Rupert William Roye, Ph.D. (London, 1958)	- - - - -	1967	Sanderson, Kenneth Villiers, M.B., B.S.	- - - - -	1943
Rutter, John Lyall, M.B., B.S.	- - - - -	1968	Sanderson, Peter James, B.Sc.	- - - - -	1961
Rutter, Wendy Lorraine, B.A.	- - - - -	1964	Sanderson, Peter Robin, B.E.	- - - - -	1952
Ruys, Jan, B.Sc.	- - - - -	1964	Sandery, Charles Arthur, LL.B.	- - - - -	1921
Ryan, Brendan Patrick, B.Sc.	- - - - -	1963	Sandery, Peter Leonard, B.Sc.	- - - - -	1963
B.A.	- - - - -	1968	Sandford, Alastair Wallace, M.A. (Oxford, 1937)	- - - - -	1948
Ryan, Desmond Francis, B.Tech.	- - - - -	1965	Sandford, Robert Max, B.Sc.	- - - - -	1943
Ryan, Douglas Martin, B.Sc.	- - - - -	1968	Sandison, Alexander, M.B. (Edinburgh, 1906)	- - - - -	1906
Ryan, Edward Clifford Lee, M.B., B.S.	- - - - -	1935	Sandison, Alexander Geoffrey, M.B., B.S.	- - - - -	1956
Ryan, Gerald Anthony, M.D. (M.B., B.S., 1959)	- - - - -	1967	Sandhu, Ajeet Kaur, M.B., B.S.	- - - - -	1961
Ryan (nee Pank), Gladwys Ruth, B.A.	- - - - -	1933	Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - - -	1945
Ryan, John William, B.Ag.Sc.	- - - - -	1950	Sando, Brian Gordon, M.B., B.S.	- - - - -	1961
Ryan, Maureen Margaret, B.A.	- - - - -	1968	Sando, Clarice Melva, B.A.	- - - - -	1955
Ryan, Maurice John, B.Ec.	- - - - -	1958	Sando, Colin Joseph, B.Tech.	- - - - -	1961
Ryan, Michael Rupert, B.A.	- - - - -	1939	Sando, Eric John, M.B., B.S.	- - - - -	1962
Ryan, Naomi Rosslyn, M.B., B.S.	- - - - -	1940	Sando, Maurice James Wilson, M.B., B.S.	- - - - -	1953
Ryan, Peter Donald, M.B., B.S.	- - - - -	1967	Sandover, William Ewan, M.B., B.S.	- - - - -	1951
Ryan, Peter William, B.E.	- - - - -	1965	Sandow, Jacynth Elizabeth, LL.B.	- - - - -	1964
Ryan, Sydney Lawrence, B.A.	- - - - -	1956	Sandow, Richard Henry, B.D.S.	- - - - -	1951
Ryan, Victor Lloyd Percival, LL.B.	- - - - -	1938	Sands, Desmond Montague Willington, B.D.S.	- - - - -	1934
Ryan, William James, B.E.	- - - - -	1966	Sangster, Alexander Keith, LL.B.	- - - - -	1934
Rymill, Frances Carstairs, B.A.	- - - - -	1936	Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	- - - - -	1941
S			Sangster, David Flower, B.Sc.	- - - - -	1945
Sabaratnam, Jegathesan, M.B., B.S.	- - - - -	1957	Sangster, John Fraser, M.B., B.S.	- - - - -	1966
Sabel, John Adolph, B.A.	- - - - -	1959	Sangster, John William, M.B., B.S.	- - - - -	1939
Sabine, John Robert, Ph.D. (Illinois, 1962)	- - - - -	1968	Sangster, Lesley Mary, B.A.	- - - - -	1967
Sabine, Percy Victor Harvey, B.Sc.	- - - - -	1966	Sangster, Margaret Jane, LL.B.	- - - - -	1947
B.E.	- - - - -	1968	Sansom, Joyce Mary, Mus.Bac.	- - - - -	1968
Sabolich, Thomas Matthew, B.E.	- - - - -	1952	Sansom, Lloyd Norman, B.Sc.	- - - - -	1964
Sacharias-Saarelinn, Nina, M.B., B.S.	- - - - -	1957	Santhirasegaram, Kandaswamy, Ph.D.	- - - - -	1968
Saddler, Bruce Allder, B.E.	- - - - -	1931	Santixis, Kathryn, B.A.	- - - - -	1961
Saddler, Hugh David Walter, B.Sc.	- - - - -	1965	Sarah, Neil, B.Ec.	- - - - -	1929
Saddler, Mark Lloyd Stratton, M.B., B.S.	- - - - -	1967	*Sargent, Rex James, M.B., B.S.	- - - - -	1957
Sadedin, David Roy, B.Tech.	- - - - -	1963	Sargeson, Alan McLeod, B.Sc. (Sydney, 1952)	- - - - -	1965
Sag, Andrew Gabriel, B.E.	- - - - -	1959	Sarre, Donald Christopher, B.A.	- - - - -	1945
Sag, Elizabeth Anne, B.A.	- - - - -	1968	Sarre, Malcolm Glen, M.B., B.S.	- - - - -	1917
Sag, Thomas William, M.Sc. (B.Sc., 1961)	- - - - -	1964	Sarre, Vera Georgina, B.A.	- - - - -	1953
Sage, Harold Robert, B.A.	- - - - -	1953	Sarre, Winifred Grace, B.A.	- - - - -	1960
Sage, Helen Mary, M.B., B.S.	- - - - -	1967	Sasse, Hans Christopher, M.A. (B.A., 1957) (B.Sc., 1953)	- - - - -	1957
Sage, Michael Radford, M.B., B.S.	- - - - -	1966	Sastradipradja, Sastyatmodjo, B.E.	- - - - -	1962
Sage, Robert Edward, M.B., B.S.	- - - - -	1963	Satchell, Geoffrey Harold, Ph.D. (Leeds, 1945)	- - - - -	1963
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948)	- - - - -	1951	Sauer, Henri Hugo Albert, M.B., B.S.	- - - - -	1952

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Sauerteig, Kurt Gerhard, B.Sc.	1968	Schubert, David Arthur, B.A.	1964
Saultte, Elfrida, B.D.S.	1952	Schubert, Frank Helmut, B.A.	1934
Saunders, Bryan Gordon Reginald, M.A.	1961	Schubert, Heather Jean, B.A.	1962
Saunders, David Alan, B.Ag.Sc.	1968	Schubert, Helen Christine, B.A.	1968
Saunders, Elizabeth Stuart, M.B., B.S.	1960	Schubert, Jane Helen, B.A.	1962
Saunders, Graham Edward, M.A. (B.A., 1959)	1965	Schubert, Mark Theodor, B.Sc.	1965
Saunders, John Milton, M.B., B.S.	1952	Schudmak, Henry, M.B., B.S.	1949
Saunders, Pepita Cerda, LL.B.	1925	Schuetz, Harold Edwin, B.A.	1953
Saunders, Susan Gay, B.Sc.	1967	Schuller, Wendy Margaret, B.Sc.	1960
Savage, Arthur Charles, M.B., B.S.	1928	Schultz, Barry Graham, M.B., B.S.	1968
Savage, Charles Arthur, B.A.	1954	Schultz, Chester Verco, B.A.	1968
Savage, Joseph Patrick, M.S. (M.B., B.S., 1954)	1962	Schultz, Gordon Ray, B.A.	1950
Sawers, Donald Alexander, B.Sc. (Eng.)	1942	Schultz, Jeffrey Elmore, B.Ag.Sc.	1963
Sawers, Ronald John, M.B., B.S.	1942	Schultz, Lance Franklin, B.A.	1965
Sawford, Geoffrey Lee, B.Tech.	1968	Schultz, Leslie John, B.Tech.	1962
Sawicki, Thaddeus John, M.B., B.S.	1958	Schultz, Marry Graham, M.B., B.S.	1968
Sawley, Darrell Frederick, B.Sc.	1929	Schultz, Roland Felix, B.A.	1964
Sawley, Jennifer Ann, B.A.	1959	Schultz, Roydon Donald, B.Sc.	1954
Sawley, Roger John, B.E.	1964	Schultz, Adela Louie, B.A.	1967
Sawyer, Graham John, B.Tech.	1968	Schulz, Ernst Adolph, B.E.	1931
Sawyer, Phillip Charles, B.Sc.	1966	Schulz, Gerhard Ernst Otto, Ph.D. (Dr. Phil., Leipzig, 1958)	1964
Scales, Peter James, B.E.	1961	Schulz, Margaret Ruth, B.Sc.	1958
Scales, William Arthur, LL.B.	1930	Schulz, Peter Kasimir, M.Sc. (B.Sc., 1959)	1963
Scammell, Stephen John, M.B., B.S.	1967	Schulz, Robert George, M.B., B.S.	1947
Scarborough, Eric Charlton, B.E.	1951	Schulz, Robert Verdun, B.Sc.	1965
Scarborough, Lincoln John, B.Tech.	1959	Schulze, Howard Kenneth, B.Tech.	1965
Scarce, John Desmond, B.E.	1957	Schumacher, Colin Stephen, B.E.	1954
Scarfe, Elwyn Bewell, LL.B.	1940	Schumacher, Mavis Noreen, B.A.	1963
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Schunke, Richard Hugh, B.Sc.	1959
Scarfe, Janet Christine, B.A.	1968	Schuppan, Dene Thomas, B.Tech.	1959
Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926)	1934	Schuster, Charles Frederick Robert, B.A.	1967
Scarman, Ian Edwin, M.Ec. (B.Ec., 1960)	1967	Schutz, Raymond Alfred, B.E.	1949
Schache, Alma Olga Antonia, B.A.	1909	Schwab, Gordon Ernest, Ph.D. (B.Sc., 1950)	1965
Schaefer, Ronald, M.B., B.S.	1958	Schwartz, Barry Walter, B.E.	1969
Schafer, Carl Hannaford, M.B., B.S.	1919	Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959
Schafer, Helene Judith, B.Sc.	1957	Schwartz, Samuel Alwin, B.Sc.	1968
Schafer, Marcia Marie, M.B., B.S.	1963	Schwarz, Eugene Robertson, B.Sc.	1939
Schafer, Mark David, M.B., B.S.	1963	Schwarz, Philip John David, M.B., B.S.	1957
Schafer, Max Ernest Hannaford, B.D.S.	1923	Schwarz, Rodney Lawrence, B.Tech.	1965
Schahinger, Janine Edith, B.A.	1964	Scobie, John Hedger, M.B., B.S.	1949
Schapel, Jeffrey Gilbert, B.Sc.	1965	Scoble, Sidney John, B.A.	1936
B.E.	1967	Scollin, James, B.D.S.	1932
Schaumloffel, Helen Louise, B.Sc.	1967	Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928
Schenk, John Robert, B.Arch.	1964	Scott, Colin Muers Steele, M.B., B.S.	1965
Schild, Maurice Edmund, B.A.	1958	Scott, Douglas Cussen, B.Sc.	1955
Schiller, John Maurice, B.A.	1968	Scott, Geoffrey Frank, B.Tech.	1964
Schirmer, Gerhart Percy, B.Ec.	1951	Scott, Graham McLennan, B.Ec.	1966
Schlick, Werner Josef, B.A.	1964	Scott, Jeffrey Frank, LL.B.	1949
Schmid, Laurence John, M.E. (B.E., 1959)	1963	B.Ec.	1955
Schmidt, Lewis Walter, B.Sc.	1940	B.A.	1967
Schmidt, Peter John, B.Mus.	1966	Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953
Schmidt, Raymond Kevin, B.A.	1962	Scott, Nigel Steele, Ph.D. (B.Ag.Sc., 1961)	1966
Schneider, Elizabeth Rose, B.Ag.Sc.	1964	Scott, Patricia Anne, B.A.	1964
Schneider, Michael, M.B., B.S.	1925	Scott, Paul Raymond, Ph.D.	1964
Schneider, Michael Philip, B.A.	1955	Scott, Peter Douglas, B.A.	1968
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	1946	Scott, Philip Earle, B.E.	1954
Schneider, Walter Herman, M.E. (B.E., 1920)	1945	Scott, Roland Alexander David Byron, B.Sc.	1960
Schneider, Wilfred, B.E.	1922	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1913
Schneider, Wilfred Carl, M.A. (B.A., 1929)	1932	Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1955
Schober, Elizabeth Pauline, B.A.	1966	Scragg, Roy Frederick Rhodes, M.D. (M.B., B.S., 1946)	1955
Schodde, Peter, B.Sc.	1960	Scragg, Walter Robert Lambert, B.A.	1950
Schodde, Richard, B.Sc.	1959	Scriven, Murray Walter, B.A.	1947
Schoell, Edwin Theodore, B.Tech.	1967	Scriven, Wilton Maxwell, B.Sc.	1953
Schoff, Noel Athol, B.A.	1968	Seroop, Garry Campbell, M.D. (M.B., B.S., 1962)	1968
Schoff, Richard Frederick, B.App.Sc. (B.Tech., 1962, surrendered)	1964	Scrymgeour, Peter Robert, B.E.	1956
Scholar, Ernest, B.A.	1941	M.Arch.	1964
Scholefield, Andrew James, B.A.	1964	Seager, Alison Mary, B.Sc.	1968
Scholefield, Judith Ellen, B.A.	1962	Seaman, Gilbert Frederick, B.Ec.	1935
Scholefield, Peter Bingley, B.Ag.Sc.	1968	Seaman, Keith Douglas, B.A.	1951
Scholefield, Robert Melville, B.A.	1965	LL.B.	1955
Scholz, Desmond Alton, M.B., B.S.	1967	Seaman, Robert Scott, B.Sc.	1958
Scholz, William Herbert, M.B., B.S.	1954	Seamark, Robert Frederick, B.Ag.Sc.	1959
Schomburgk, Ian Charles, B.Tech.	1962	Searcy, Robert Philip, B.Ec.	1962
Schomburgk, Pauline Elizabeth, B.A.	1961	Searle, Clifford Alfred James, B.A.	1937
Schrappel, Stephanie Ellen, B.A.	1968	Searle, Frederick John, B.A.	1902
Schroder, Clare Rebecca, B.Sc.	1967	Searle, Glen Hartley, B.A.	1966
Schroder, Ernest William, B.E.	1955	Searle, Graeme Hunter, Ph.D. (Australian National University, 1964)	1967
Schroder, Harold, M.E. (B.E., 1961)	1967	Searle, Hartley Malcolm, B.A.	1932
Schroder, Judith, B.Sc.	1950	B.Sc.	1935
Schroeder, James Alfred, B.Sc.	1961	Searle, Peter Douglas, B.Sc.	1968
Schroder, Peter Moreton, B.Ag.Sc.	1967	Sears, Douglas Barker, Ph.D. (D.Phil., Oxford, 1949)	1965
Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1960		

\* Deceased

Sears, Harold William, B.Sc.	1943
Sears, Michael, B.Sc.	1968
Searson, William George, B.E.	1953
Seaton, Arthur John, B.E.	1960
Secomb, Kevin Sidney, B.A.	1966
Secombe, Margaret Joyce, B.A.	1962
Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1959
Sedgwick, Antony William, B.A. (Birmingham, 1955)	1959
Seary, Keith John, B.Tech.	1958
Seedsman, Donald John, B.Sc.	1948
Seedsman, Kenneth Reginald, B.Sc.	1951
Seekamp, Jack Victor, B.Ag.Sc.	1942
Seeliger, Mark Trevor, B.Ag.Sc.	1965
Seevaratnam, Joy Anandan, M.B., B.S.	1960
Seglenieks, Maija-Mila, B.A.	1968
Seglenieks, Zigurds, M.B., B.S.	1955
Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1945
*Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1922
Seidel, Ronald Desmond, B.Tech.	1965
Seidler, Ian Hynek, M.Sc. (B.Sc., 1950)	1954
Seipolt, Kevin Bruce, B.Sc.	1966
Selth, Wolfram Immanuel, M.B., B.S.	1949
Selge, Bill, M.B., B.S.	1965
Selge, Heather Bernice, B.A.	1959
Sellers, Julie Diane, B.A.	1968
Sellers, Ada, B.A.	1928
Sellick, Robert, B.A.	1966
Selth, Donald Victor, B.A.	1949
Selth, Geoffrey Poole, B.A.	1951
Semler, Clifford Gerhardt, M.B., B.S.	1940
Semler, Janet Claire, B.Ec.	1961
Semmens, Francis John, B.Sc.	1928
Semmler, Clement William, M.A. (B.A., 1936)	1938
Simple, Kenneth Hugh, B.A.	1950
Seneta, Eugene, M.Sc. (B.Sc., 1963)	1965
Senior, Judith Rae, B.Sc.	1955
Senior, Lionel Rupert, B.Sc.	1929
B.A.	1947
Senior, Rex Clifton, M.B., B.S.	1952
Seow, Hood Jin, Winston, B.E.	1965
Seppelt, Brian Maxwell, B.Sc.	1960
Seppelt, Ian Howe, B.Sc.	1932
Seppelt, Yvonne Granville, M.B., B.S.	1946
Sergeant, Jacqueline Anne	1966
Sergeant, Maxwell Stuart, LL.B.	1934
Sergi, Sergio, B.A.	1968
Seumahu, Eliza Stefanus, B.Tech.	1961
Seward, Catherine Anne, B.A.	1967
Sexton, Dean Jefferies, B.Tech.	1960
Sexton, Edgar Raymond, B.A.	1931
Sexton, Leo Francis, B.Sc.	1967
Sexton, Michael Frederick Halcomb, M.B., B.S.	1968
Sexton, Robert Raymond, B.Tech.	1961
Sexton, Robert Thomas, B.Tech.	1963
Seymour, Anthony Elliot, M.B., B.S.	1963
Seymour, Patrick William, Ph.D. (A.N.U., 1962)	1965
Shadlow, Agnes Jean, B.A.	1966
Shakes, Brian Douglas, B.E.	1959
Shakes, David James, M.B., B.S.	1955
Shanahan, Margaret Carmel, B.A.	1956
Shanahan, Michael Francis, M.B., B.S.	1956
Shanahan, Patrick William, M.B., B.S.	1928
Shanahan, Terence John, B.Ec.	1965
Shanks, Shirley Rae, M.Sc.	1965
Shannon, James Stanley, D.Sc. (B.Sc., 1949)	1968
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Shannon, Richard John, B.E.	1949
Shapley, William George, B.E.	1952
Sharley, Aubrey Neville, B.E.	1954
Sharley, Elma May, B.A.	1937
Sharma, Romesh, M.B., B.S.	1954
Sharman, Arthur Edward, B.E.	1926
Sharman, Ethel Olive, B.A.	1915
Sharman, George, B.Ec. (B.Sc. (Econ.), London, 1950)	1963
Sharman, George Campbell, B.A.	1966
LL.B.	1966
Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955
Sharp, Warren Player, B.Ec.	1954
Sharpe, Edmund John, B.E.	1932
Sharpe, John Graham, B.A.	1967
Shaughnessy, Jennifer Margaret, B.A.	1967
Shaughnessy, Peter Douglas, B.Sc.	1963
Shaw, Alice Mary Stockdale, B.A.	1929
Shaw, Allan, B.E. (B.M.E. (New York), 1953)	1962
M.E.	1966
Shaw, Daniel Joseph, B.A.	1968
Shaw, Elizabeth Anne, Ph.D.	1966
Shaw, Graham William, B.E.	1968
Shaw, James Barry, B.Sc.	1904
Shaw, Joan Hambly, B.A.	1947
Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933
Shaw, Joy Jeanette, B.A.	1968
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955
Shaw, Peter John Randall, B.Sc.	1949
Shea, Brian Joseph, M.B., B.S.	1951
Sheard, Joan Philippa, B.A.	1955
Shearer, Clifford George Tregoe, B.A. B.Ec.	1931
Shearer, Graham Robert, B.Sc.	1937
Shearer, Harvey Albert, B.A.	1965
Shearer, Helen Dianne, B.A.	1936
Shearer, Ivan Anthony, LL.M. (LL.B., 1960)	1968
Shearer, Jane, B.Sc.	1965
Shearer, Peter Herbert, B.Tech.	1967
Shearer, Robert Clifford, M.Ag.Sc. (B.Ag.Sc., 1959)	1961
Shedley, Alfred Charles, B.Sc.	1964
Shedley, Christine Mary, B.Sc.	1919
Sheedy, Redmond Stuart Parnell, M.B., B.S.	1968
Shekleton, Peter Reginald, B.A.	1952
Sheldon, John Charles, Ph.D. (Nottingham, 1956)	1957
Shephard, Maxine Sandra, B.A.	1963
Shephard, Stanley Maxwell, B.Sc.	1968
Shepherd, Alan David, B.E.	1948
Shepherd, David Wickham, M.B., B.S.	1962
Shepherd, Elizabeth Miriam, B.A.	1938
Shepherd, Geoffrey Lincoln, LL.B.	1947
Shepherd, Jennifer Anne, B.A.	1930
Shepherd, John Alfred, B.A.	1968
Shepherd, John Henry, B.A.	1929
M.Sc. (B.Sc., 1942)	1935
Shepherd, John Wickham, M.B., B.S.	1947
Shepherd, Kenneth John, M.E. (B.E., 1961)	1968
Shepherd, Kenneth William, Ph.D. (B.Ag.Sc., 1956)	1966
Shepherd, Peter Byron, M.B., B.S.	1964
Shepherd, Philippa Jan, B.A.	1957
Shepherd, Reginald George, B.Sc.	1967
Shepherd, Ronald, B.A.	1953
Shepherd, Scoresby Arthur, LL.B.	1967
B.A.	1958
Shepherd, Stuart MacGregor, M.B., B.S.	1959
Shepley, Arthur Raymond, B.Sc.	1964
B.E.	1923
Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1924
Shepley, Kathryn Florence, B.Sc.	1956
Shepley, Leslie Herbert Hamilton, LL.B.	1960
Sheppard, Graham Barry, B.Tech.	1909
Sheppard, Mark Yeatman, M.B., B.S.	1962
Sheppard, Robert Alexander William, B.Sc.	1942
Sherban, Arkady Boris, B.Arch.	1942
Sheridan, Michael Francis, B.Sc.	1968
Sherwin, Anita Louise, B.Sc.	1967
Sherwin, Carolyn Alice, B.Sc.	1966
Sherwin, Rolf Morton, B.Ec.	1961
Shetliffe, David Reginald, B.Sc.	1960
Shevchenko, Vladimir, B.Sc.	1968
Shield, Judith Adelaide, B.A.	1967
Shierlaw, Howard Alison, LL.B.	1948
Shierlaw, Norman Craig, B.E.	1902
Shimmin, Edward William, B.E.	1949
B.Sc.	1963
Shinkfield, Anthony James, B.A.	1964
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1955
Shinkfield, Marian Ruth, B.A.	1953
Shinkfield, Roger John, B.E.	1949
Shirpurkar, Gajanan Ramchandra, M.Sc.	1954
Shoebriidge, Ivan, LL.B.	1949
Shorne, Priscilla Jane, B.A.	1929
Short, Anthony John, B.A.	1968
Short, David Charles, B.E.	1968
Short, David Weddell, M.B., B.S.	1956
Short, Jill Imogen, B.Sc.	1940
Short, Kerwin Alfred Robert, B.E.	1966
	1927

\* Deceased



Short (nee Stephens), Lillian Mary Theakstone, M.A. (B.A., 1907)	1938	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948
Short, Marlene Blanche, B.Sc.	1966	Sims, Milton Reginald, B.D.S.	1950
Shortridge, Dennis Thorman, M.B., B.S.	1938	Sims, Roxy, B.A.	1933
Shoubridge, Rex, B.Tech.	1963	Sims, William George, B.Sc.	1957
Shrowder, Ronald Louis, B.A.	1940	Sinclair, David Foulis, B.Sc.	1964
Shub, Samuel, M.B., B.S.	1953	Sinclair, Donald Keith, B.Sc.	1960
Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895	Sinclair, Graham Robert, M.B., B.S.	1965
Shutt, Donald Allen, M.Sc. (B.Sc., 1959)	1967	Sinclair, Roger Wilson, B.Sc.	1966
Sibly, John Maslin, B.A.	1967	Sinclair, Russell, Ph.D.	1968
Sibly, John Murray, B.App.Sc.	1968	Sinclair, Walter Gordon Clyde, B.Sc.	1923
Sibly, Murray Laurence, LL.B.	1961	Sinclair, William Malcolm, M.B., B.S.	1911
Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950	Sincock, Janette Muriel, B.A.	1963
Sibthorpe, Gwennyth, M.B., B.S.	1946	Sindhu, Santokh Singh, M.B., B.S.	1959
Sickert, John William, B.Tech.	1963	Singaram, Jagan Mohan, B.Arch.	1968
Sidhu, Harcharan Singh, M.B., B.S.	1958	Singh, Amrao, B.E.	1958
Sieber, Clarence Bertram, B.E.	1926	Singh, Narindar, M.B., B.S.	1958
Siebert, Brian David, Ph.D. (B.Sc., 1959)	1968	Singh, Prithvipall, M.B., B.S.	1958
Siegle, John Louis, B.Sc.	1945	Singh, Rajendra, Ph.D.	1953
Siegele, Roger Brian, B.E.	1962	Singh, Rudra Pratap, Ph.D.	1962
Siegele, Trevor Martin, B.Ec.	1958	Singh, Thanwant, M.B., B.S.	1961
Sievers, Hans Hermann, LL.B.	1966	Singh, Udai Pratap, Ph.D.	1968
Siglin, Max, M.B., B.S.	1954	Singham, Ratnasingam Bala, M.B., B.S.	1961
Sigmont, Victor Charles, B.A.	1950	Sinnott, Patricia Margaret, B.A.	1950
Siknsa, Arnis, B.E.	1960	*Sinzheimer, Gerhart Paul Gustav, M.A. (Washington, 1963)	1967
M.T.P.	1967	Siranovic, Emil, B.E.	1967
Siliakus, Hendricus Johannes, M.A. (B.A., Birmingham, 1954) 1960	1966	Siregar, Panusunan, B.E.	1962
Silis, Maris, B.Sc.	1967	Siregar, Togi, B.E.	1962
Silsbury, James Henry, Ph.D. (M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958) 1959)	1967	Sivour, Neil Graham, B.Tech. (surrendered 1962)	1958
Silver, Graham Bindley, B.E.	1960	M.App.Sc. (B.App.Sc., 1962)	1967
Silver, Harold, B.E.	1956	Sizer, Marion Betty, B.Sc.	1954
Silver, Meredith May, M.B., B.S.	1957	Skabe, Dace Anna, B.Sc.	1963
Silver, Malcolm David, M.B., B.S.	1957	Skerritt, Paul Wilfred, M.B., B.S.	1966
Silver, Phillip Laurence, B.E.	1957	Skewes, Edward Foster, LL.B.	1917
Sim, Cheok Lim, B.E.	1961	Skingle, Derek Charles, Ph.D.	1968
Sim, See Kee, B.Tech.	1965	Skinner, Brian John, B.Sc.	1950
Sim, Swee Liang, M.B., B.S.	1965	Skinner, Cecil Reginald Allenby, B.E.	1949
Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Skinner, Helen Catherine Wild, Ph.D.	1959
Simes, Irene Pamela, B.Sc.	1956	Skinner, Sandford Lloyd, M.D. (M.B., B.S. 1958)	1962
Simes, Robert Lawson, B.Tech.	1960	Skipper, John Stark, M.B., B.S.	1944
Simm, John, B.E.	1956	*Skipper, Stanley Herbert, LL.B.	1901
Simmonds, Allan Frederick, B.A.	1967	Skopal, Karl John Matthew, B.D.S.	1962
Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948	Skuce, Beryl Marion Rebecca, B.A.	1934
Simmonds, Douglas Thomas, B.Tech.	1958	Skurray, Geoffrey Richard, B.Sc.	1966
Simmonds (nee Cossich), Lorraine, B.A.	1957	Skybynecky, Wolodymyr, M.B., B.S.	1968
Simmonds, Rachel Elizabeth, B.A.	1948	Sladdin, John Naulty, M.B., B.S.	1953
Simmons, David Winston, LL.B.	1962	Slade, Antony Michael, M.A. (Bristol, 1961)	1962
Simmons, Donald William, B.Ec.	1949	Slade, John Harman, M.B., B.S.	1946
B.A.	1964	Slade, Kathleen Nellie, B.A.	1942
Simmons, Geoffrey Clive, B.Sc.	1945	Slade, Phillip Garland, B.Sc.	1962
Simmons, Ivan Joseph, M.B., B.S.	1968	Slarks, Geoffrey Herbert, B.E.	1954
Simmons, Marie Yvonne, B.A.	1952	Slater, Allan, B.E.	1953
Simon, Anthony Robin, B.Sc.	1966	Slater, John Mason, B.E.	1962
Simon, John Gary, B.Sc.	1965	Slater, Robert Campbell, B.A.	1968
Simon, John Howard, B.Tech.	1965	Slattery, Francis James, B.E.	1952
Simon, Leon Melvyn, B.Sc.	1967	Slattery, Mary, B.A.	1931
Simon, Robin Alfred, B.E.	1962	Slaughter, Colin Sidney, B.E.	1954
Simons, Alfred, M.B., B.S.	1942	Slaughter, Terence Davoren, B.A.	1967
Simons, Arthur Nicholas, B.Sc.	1951	Slaven, William Trevor, B.Sc.	1966
M.B., B.S.	1958	Slaytor, William John Hayden, M.A. (B.A., 1959)	1967
Simons, Brian Keith, B.Sc.	1967	Slee, Christopher Weston, B.A.	1968
Simons, David Henry, B.Ag.Sc.	1960	Slee, Dugald Haughton, B.Sc.	1930
Simper, Douglas Alan, B.Mus.	1966	B.A.	1932
Simper, Douglas Alan, B.Mus.	1967	Slee, Graham Haughton, B.E.	1959
Simpkins, Daniel Robert, B.Tech.	1967	Slee, Ian Bruce, B.A.	1950
Simpson, Alfred Moxon, B.Sc.	1930	Slee, Walter Vernon, B.Sc.	1959
Simpson, Antony Allen, B.E.	1965	Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915)	1927
Simpson, Brian Clifton, B.Sc.	1960	Sleeman, William John, M.B., B.S.	1947
Simpson, Donald Allen, M.S. (M.B., B.S., 1949)	1964	Sleigh, Robert Carl, B.Tech.	1960
Simpson, Frederick William, M.B., B.S.	1934	Slerka, Dalibor, B.A.	1965
Simpson, Helen Edith, B.Sc.	1962	Slim, Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England)	1956
Simpson, Hugh Denney, B.Sc.	1920	Sloan, Ian Hugh, M.Sc.	1963
B.A.	1921	Sloan, Robert David, B.A.	1964
Simpson, John James, B.Sc.	1966	Sloman, Arthur Raymond, B.Sc.	1937
Simpson, John Nevison, B.Tech.	1968	Smalles, Peter John, M.A. (Manchester 1961)	1964
Sirnpson, Penelope Margaret, B.Sc.	1949	Smale, Thomas Charles, B.A.	1950
Simpson, Pippa Margaret, B.A.	1968	Small, Marlene Brenda, B.A.	1967
Simpson, Ralph Anthony Hollister, B.E.	1967	Smallacombe, Roy Frederick, B.A.	1953
Simpson, Richard Charles Longrigg, B.Tech.	1962	Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951
Simpson, Robert Allen, B.E.	1934	Smart, Lawrence Maxwell, B.D.S.	1950
Sims, Barry Alan, B.Sc.	1964		
Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1957		

\* Deceased

Smeaton, John Anthony, B.E.	1939	Smith, Louisa McIntosh, M.A. (Mount Holyoke, 1958)	1966
Smeaton, John Richard, Ph.D. (B.Ag.Sc., 1963)	1968	Smith, Lynden Rae Forbes, M.B., B.S.	1953
Smeaton, Timothy Clive, B.Ag.Sc.	1965	Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	1958
Smerdon, David Rutherford, B.D.S.	1951	Smith, Malcolm Lawrence, B.E.	1966
Smerdon, John Rutherford, B.D.S.	1946	Smith, Mary, M.A. (B.A., 1930)	1932
Smibert, George James, M.B., B.S.	1954	Smith, Mary Theresa, B.A.	1935
Smidzins, Astrida, B.Sc.	1963	Smith, Maxwell Herbert, B.Sc.	1940
Smith, Adrian Milton, B.Ec.	1949	Smith, Maxwell John, B.A.	1966
Smith, Alfred Earle, LL.B.	1937	Smith, Melva Estelle, B.A.	1942
Smith, Alick Hardy, B.A.	1948	Smith, Mervyn Keith, M.B., B.S.	1944
Smith, Aloysius Daly Virgilius, M.B., B.S.	1928	Smith, Michael Austin, B.A.	1961
Smith, Andrew Burden, B.E.	1966	Smith, Murray George, B.E.	1954
Smith, Annie Ethel, B.A.	1935	Smith, Murray Vernon, B.Ag.Sc.	1964
Smith, Anthony John, M.B., B.S.	1967	Smith, Neil Innes, B.Sc.	1967
Smith, Anthony Terence, B.E.	1967	Smith, Neil Langlois, B.A.	1967
Smith, Barbara Frances Burr, B.A.	1967	Smith, Pamela Darien, B.A.	1954
Smith, Barry Whitmore, B.A.	1956	Smith, Peter Brian, M.B., B.S.	1954
Smith, Bernard Maurice, B.E.	1964	Smith, Peter John, B.Sc.	1968
Smith, Brian Arnold, B.E.	1940	Smith, Primrose Mary Viner, B.A.	1940
Smith, Brian Ewan, B.E.	1962	Smith, Ralph Newman, B.Tech.	1964
Smith, Brian Hartley, B.E.	1950	Smith, Raydon Berry, B.E.	1917
Smith, Cairns William, Villeneuve, LL.B.	1951	Smith, Raymond Thomas, B.Sc.	1932
Smith, Cecil Teesdale, M.A. (B.A. 1944)	1945	Smith, Rayner Whitmore, M.B., B.S.	1953
Smith, Cedric Alfred Neal, B.Ag.Sc.	1933	Smith, Richard Alan, B.Tech.	1967
Smith, Charles Bruce Powell, B.A.	1966	Smith, Richard John, B.Tech.	1964
Smith, Colin Victor, B.A.	1966	Smith, Richard Milne, M.Sc. (B.Sc., 1948)	1959
Smith, Daisy Maude, B.A.	1922	Smith, Richard Victor, B.Sc.	1966
Smith, David Aitchison, B.Sc.	1961	Smith, Richard Waldemar Law-, B.A.	1955
Smith, David Carswell, B.A.	1931	Smith, Robert Brenton, B.E.	1966
Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc., 1951)	1961	Smith, Robert Frederick Ingram, M.A. (B.A., 1963)	1965
Smith, David Gordon Law, M.B., B.S.	1953	Smith, Robert Lyall, B.E.	1968
Smith, David John, B.A.	1968	Smith, Robert William, B.A. (Western Australia, 1958)	1966
Smith, David Nichol, D.Litt. (Camb.)	1951	Smith, Rodney Burden, B.E.	1959
Smith, David Raymond, B.Ec.	1963	Smith, Roger, M.E. (B.E., 1956)	1959
Smith, David William, LL.B.	1968	Smith, Roger Alan, B.Sc.	1965
Smith, Dene Martindale, B.D.S.	1955	Smith, Roger Francis Cooper, B.Sc.	1962
Smith, Denys Jeffery, B.Sc.	1962	Smith, Roger Neville Earle, B.Sc.	1967
Smith, Derek Leon, M.A.	1965	Smith, Ronald Norman, B.E.	1933
Smith, Diana Angela Dorothy, B.Sc.	1968	Smith, Ronald Sydney, B.Sc.	1966
Smith, Donald Stevenson, M.B., B.S.	1957	Smith, Ross Charles, B.Tech.	1960
Smith (nee Gardner), Edith Josephine Viner, B.A.	1906	Smith, Ross Trevor, B.A.	1966
Smith, Edward Mackie, B.E.	1939	Smith, Sheila Ann, M.A. (London, 1956)	1963
Smith, Edward Rowland, B.Sc.	1942	Smith, Sidney William, B.E.	1937
Smith, Edward Austral, M.B., B.S.	1951	Smith, Sinclair Joseph, M.B., B.S.	1955
Smith, Felicia Helen, B.A.	1966	Smith, Stuart Meldrum, B.A.	1949
Smith, Frank Andrew, Ph.D. (Cambridge, 1965)	1968	Smith, Terence Norman, B.E. (Sydney, 1953) Ph.D.	1960
Smith, Frank Berry, D.Sc. (B.Sc., 1903)	1937	Smith, Terence William, M.B., B.S.	1965
Smith, Frank Stewart, M.B., B.S.	1956	Smith, Thomas George, B.Sc.	1962
Smith, Gavin Viner, M.B., B.S.	1937	Smith, Vera Lisnagore, B.A.	1934
Smith, George Maxwell, B.A.	1961	Smith, Walter Leonard, M.B., B.S.	1914
Smith, Gordon Wearing, M.B., B.S.	1925	Smith, William Frederick, B.Sc.	1962
Smith, Grahame John Cooper, B.Sc.	1961	Smith, William Irving Berry, B.Sc.	1940
Smith, Graham Robert Hay, B.Tech.	1960	Smolicz, Jerzy Jaroslaw, Ph.D. (Edinburgh, 1960)	1966
Smith, Harold Reid, LL.B.	1939	Smyth, David Robert, B.Sc.	1965
Smith, Heather Maralyn, B.A.	1967	Smyth, Isabel Agnes Ekin, B.A.	1905
Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956	Smyth, Michael Ewers Bayne, B.Sc.	1960
Smith, Ian Robert, B.Sc.	1966	Smyth, Robert John, B.Sc.	1963
Smith, Iris Eileen, B.A.	1930	Smyth, Robert Walter, Ph.D. (B.E., 1955)	1960
Smith, Ivan Ford, B.A.	1953	Smythe, Betty Marion Flora, B.A.	1967
Smith, Jack Edwin, B.Sc.	1934	Snelling, John Barry, B.Ec.	1967
Smith, James Clyde, B.E.	1938	Snelling, Peter John, B.Tech.	1959
Smith, James Wearing, B.E.	1924	Snewin, Gwendoline Marjorie Jean, B.A.	1925
Smith, Jennefer Anne Vickridge, B.Sc.	1960	Snewin, John Arthur, LL.B.	1951
Smith, Jennifer Stewart, B.Sc.	1964	Sng, Bock Thiam, B.Sc.	1966
Smith, Joan Frances, B.A.	1948	Snoswell, Alan Marlow, Ph.D. (B.Sc., 1956)	1961
Smith, John Andrew Stanley, M.B., B.S.	1964	Snow, Michael Robert, Ph.D. (London, 1966)	1967
Smith, John Bertrand, B.Sc.	1943	Snow, Richard Adrian Wilfrid, B.D.S.	1940
Smith, John Fife, B.A.	1929	Snow, Wilfred Rippon, B.E.	1914
Smith, John Henderson, B.Sc.	1962	Snowden, Brian Newton, B.Arch.	1961
Smith, John Henry, B.A.	1959	Snowden, Janette Daphne, B.A.	1958
Smith, John Jeffreys, LL.B.	1932	Soar, Anthony James, B.E.	1961
Smith, John Lewis, B.Ag.Sc.	1964	Soar, Dudley Turner, B.Ec.	1951
Smith, John Royle Casley, B.Sc. M.B., B.S.	1957	Sobey, Iris Beatrice, B.A.	1944
Smith, John Wasley, M.B., B.S.	1953	Sobey, Reginald Roberts, M.B., B.S.	1942
Smith, John Wilton, M.Sc. (B.Sc., 1952)	1961	Sobolewski, John, M.E. (B.E., 1962)	1967
Smith, Keith, LL.B.	1953	Sobolewski, Victor Conrad, B.E.	1965
Smith, Keith Kenneth Masefield, B.A.	1942	Sodhy, Sheila, B.Sc.	1964
Smith, Keith Viner, M.B., B.S.	1939	Soebroto, Oentoeng, B.Ec.	1955
Smith, Kenneth Wilmot Vernon, B.E.	1937	Soh, Bee Koon, B.E.	1962
Smith, Kevin William, B.Sc.	1964	Soh, Gwek Neo, B.Sc.	1965
Smith, Leslie Frederick, M.B., B.S.	1968	Soh, Kim Khoe, B.E.	1966
Smith, Louis Campbell, B.Ag.Sc.	1951		
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	1914		

\* Deceased

Sollas, William Johnston, D.Sc. (Cambridge)	1914
Solly, Janet Elizabeth, M.B., B.S.	1952
Solly, William Warburton, B.Sc.	1948
Solomon, George Herbert, M.B., B.S.	1927
Solomon, Helen Ethel, LL.B.	1935
Solomon, Peter Louis, B.Ec.	1964
Solomons, Barnet, M.B., B.S.	1922
Solomons, Phillip Roland Nathan, LL.B.	1960
Somerset, Forbes Mitchell, B.E.	1940
Somerville, Archibald Shierlaw Ralph, LL.B.	1922
Somerville, Christopher Malcolm, B.D.S.	1952
Somerville, Dorothy Christine, B.A.	1918
LL.B.	1921
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	1919
Somerville, Peter James, M.B., B.S.	1968
Somerville, Sesca Lewin, B.A.	1916
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	1959
Somogyi, Jozsef Laszlo Ferenc, M.B., B.S.	1964
Somogyi, Laszlo, B.Ec.	1968
Soong, Olive, M.B., B.S.	1967
Soper, Graham Michael, B.Ec.	1957
Sorell, Graham Campbell, B.Sc.	1967
Sorrell, Margaret Walter, B.A.	1925
Sosula, Leo, B.Med.Sc.	1965
Souillac, Agnes Marie Marcelle Dominique, B.A.	1968
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	1959
Soukup, Dorothy Mavis, M.B., B.S.	1951
Souter, Brian Heylen, B.D.S.	1958
Souter, Douglas Todd, M.B., B.S.	1949
Souter, Harry Standley, B.Tech.	1963
Souter, Robert John de Neufville, M.B., B.S.	1923
Souter, Warwick, B.Sc.	1967
South, Peter Moncrief, B.Sc.	1956
South, Ronald Robert, B.D.S.	1951
Southcott, Alan Lindsay, B.E.	1964
Southcott, Jean Wauchope, B.A.	1921
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	1957
D.Sc.	1962
Southcott, Rosemary Enid, B.Sc.	1954
Southcott, William Thomas, B.Tech.	1964
Southgate, Deane Oakford, M.B., B.S.	1955
Southgate, Peter Thomas, M.B., B.S.	1965
Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920
M.S.	1925
Southwood, Dean Milton, M.B., B.S.	1963
Southwood, Harry Milton, B.Sc.	1936
M.D. (M.B., B.S., 1932)	1943
Southwood, Richard Taunton, M.B., B.S.	1956
Sowden, Kenneth Edward, B.Tech.	1964
Spain, Brian James, B.E.	1956
Spalvins, Janis Gunars, B.Ec.	1959
Spark, Mavis Constance, B.A.	1947
Sparrow, Colin James, B.Tech.	1966
Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952)	1962
Sparrow, Graham Jeffrey, B.Sc.	1967
Sparrow, Lorna Discombe, M.A. (B.A., 1930)	1934
B.Ec.	1941
Sparrow, Maxwell Elliott, B.E.	1934
Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	1954
Speden, Ross Noel, Ph.D. (D.Phil., Oxford, 1963)	1965
Speed, Isobel Ethel, M.B., B.S.	1957
Speirs, William McMillan, B.A.	1949
Spence, Colin Everett, B.A.	1958
Spence, David Norman, M.B., B.S.	1957
Spence, Jeanette Graham, B.A.	1967
Spence, Robin Douglas James, M.B., B.S.	1957
Spence, Robyn Lorraine, B.A.	1968
Spencer, Daryl William, B.Sc.	1968
Spencer, Donald, Ph.D.	1953
Spencer, Gregory James, B.Sc.	1968
Spencer, Leslie Brian, B.Sc.	1951
Spencer, Margaret Elizabeth, M.B., B.S.	1966
Sperber, Joan Ilma, B.Sc.	1955
Spier, David Lindsay, B.A.	1967
Spitz, Francis, B.Ec.	1956
Spitz, Joan Ilma, B.Sc.	1955
Spitzer, Alex George, M.B., B.S.	1962
Spitzer, Peter, B.Ec.	1964
Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	1949
Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950)	1960
Spratt, James Arthur Henry, B.Sc.	1957
B.A.	1958
Sprigg, Patricia Amy, B.A.	1943
Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941)	1944
Springis, Rasma, B.A.	1966
Sprod, Thomas Daniel, B.A.	1951
Spruhan, Bridget Catherine, B.A.	1933
Spry, Alan Herbert, M.Sc. (B.Sc., 1949)	1951
Spurling, Graham George, B.Tech.	1960
Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945)	1953
Spurr, Pamela Joan, B.A.	1963
Spurr, Robert Thomas, B.Sc.	1948
Spurway, John Horton, M.B., B.S.	1951
Sreenevasan, Gopal Ayer, M.B., B.S.	1952
Srivastava, Virendra Kumar, Ph.D.	1968
Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941)	1955
Stace, John Hamilton, M.B., B.S.	1943
Stacey, Barrie Graham, B.E.	1964
Stacey, Helen Jean, B.A.	1964
Stacey, Ian Hamilton, B.E.	1968
Stacey, Thomas Allen, B.Ag.Sc.	1959
Staciunas, Jonas, B.Tech.	1965
Stacy, John Michael Sholto, B.E.	1951
Stacy, Keith Roy Sheppard, B.A.	1967
Stacy, Margaret Ruth, B.Sc.	1955
Stacy, Robert Paul, B.Sc.	1963
Staer, Peter Alfred, M.B., B.S.	1958
Stafford, Roland Garry, B.Sc.	1961
Stafford, Trevor John, B.E.	1966
Stagg, Ross Smith, B.E.	1955
Stahl, Margaret Anne, B.Sc.	1957
Stain, Maxwell Wright, B.D.S.	1944
Staker, Robert, Ph.D. (B.E., 1956)	1961
Stalley, Douglas John, M.Ec. (B.Ec., 1947)	1955
Stalley, Joan Charmian, B.Sc.	1955
Stam, Robert Edward, M.B., B.S.	1949
Stanbury, Dennis George, M.B., B.S.	1957
Stanbury, Gretel Mary, M.Sc.	1962
Stanbury, Peter John Terence Cathcart, Ph.D. (B.Sc., 1957)	1963
Standen, Graham Douglas, M.B., B.S.	1967
Standfield, Roger William, B.A.	1967
Stanley, Allen David, B.E.	1949
Stanley, Brian Charles, LL.B.	1953
Stanley, Ian George, B.E.	1967
Stanley, Laurence John, LL.B.	1925
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	1954
Stanley, Raymond John, B.Sc.	1961
Stanton, Robert Anthony, B.D.S.	1950
Stapledon, David Hiley, M.Sc. (B.Sc., 1951)	1962
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Staples, Roy William Frederick, B.E.	1957
Stapleton, John Vincent, B.Sc.	1968
Stark, Alan Edmund, B.A.	1954
Starling, Douglas Blair, M.B., B.S.	1968
Staska, Jan Frantisek, M.B., B.S.	1964
Staska Zdenek, M.B., B.S.	1961
Statters, Robert Joseph, B.Tech. (surrendered 1967)	1961
B.App.Sc.	1967
Statton, Arthur Knight, B.Sc.	1922
Statton, Josiah William, B.Sc.	1921
Statton, Keith Jeffery, M.B., B.S.	1944
Staude, Clarence Herman, B.A.	1947
Staunton, John William Patrick, B.Tech.	1966
Stead, Ian Arthur, B.D.S.	1965
Stead, Sydney Arnold, B.Sc.	1933
Stearne, John McKenzie, Ph.D. (B.Sc., 1958)	1964
Steel, Barry John, B.Sc. (Western Australia, 1955)	1960
Steel, Roy Desmond Charles, B.Sc.	1958
Steel, Terence Melville, B.Sc.	1961
Steele, David Macdonald, M.B., B.S.	1909
Steele, David Macdonald, M.B., B.S.	1955
*Steele, Donald Macdonald, M.B., B.S.	1919
Steele, Ian Macdonald, M.B., B.S.	1948
Steele, John Kevin, B.Ec.	1954
Steele, Jonathon Neville, B.E.	1967
Steele, Laurence Russell, B.E.	1940
Steele, Robert Ernest, M.B., B.S.	1952

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Steele, Robert Thornborough, M.B., B.S.	1942
Steele, Ronald John, B.Sc.	1966
Steele (nee Morris), Shirley Victoria, LL.B.	1933
Steele, William Lynn, B.Arch.	1966
Stege, Karlis Martins, B.Sc.	1966
Stegemann, Haunerose, M.B., B.S.	1966
Steiner, Marie Ann, B.A.	1966
Steinert, Peter Malcolm, B.Sc.	1966
Steingraber, Anna Martha, B.A.	1962
Steinhardt, Suzanne, B.A.	1965
Steinborner, Raelene Yvonne, M.B., B.S.	1967
Steinle, John Richard, B.A.	1958
Stenson, Lewis Murray Donaldson, B.Arch.	1963
Stenson, Beverley Joan, B.A.	1968
Stepanas, Antanas Vytautas, B.Med.Sc.	1965
M.B., B.S.	1968
Stepanovs, Leonids Lonka, M.B., B.S.	1958
Stephens, Charles Francis, B.Sc.	1897
Stephens, Charles George, M.Sc. (Tasmania, 1931)	1941
D.Sc.	1950
Stephens, Clement John, B.A.	1959
Stephens, Ella Mary, B.A.	1915
Stephens, Eric Goynne, B.Sc.	1912
Stephens, John Felton, M.Sc. (B.Sc., 1953)	1957
Stephens, Peter Donald, B.Sc.	1959
Stephens, Lawrence John, B.A.	1962
Stephens, Richard Clarence, B.D.S.	1951
Stephens, Sylvester Kevin, B.E.	1951
Stephenson, Helen, LL.B.	1967
Stephenson, James Lewis, B.Ec.	1944
Stephenson, Jan Lewis, B.Sc.	1965
Stephenson, John, Ph.D. (London, 1964)	1965
Stephenson, John Roy Beckett, B.A.	1952
Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943
Stephenson, Thomas Howard, B.E.	1933
Stern, Leon Max, M.B., B.S.	1956
Stern, Walter Ralph, Ph.D. (M.Sc.Agr., Sydney)	1962
Sterzl, Errol John, B.Sc.	1965
Steven, Ian Matheson, M.B., B.S.	1956
Stevens, Alice Ceredwyn, B.Sc.	1963
Stevens, Anthony, B.A.	1967
Stevens, Christopher John, LL.B.	1968
Stevens, Edgar Loveday, LL.B.	1919
Stevens, Gordon John, B.Tech.	1968
Stevens, Iris Eliza, LL.B.	1960
Stevens, John Alfred Fortington, r.D.S.	1948
Stevens, John Arnold, B.E.	1958
Stevens, Julia Loveday, B.A.	1962
Stevens, Murray Alan, B.Tech.	1962
Stevens, Richard Barrymore, B.E.	1952
Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
B.Ec.	1960
Stevens, Ross Linwood, B.E.	1966
Stevens, Valerie Anne, B.A.	1967
Stevens, William Edward, B.E.	1952
Stevenson, Arthur James, B.E.	1937
Stevenson, Derrance Redford, LL.B.	1962
Stevenson, Donald George, M.Sc. (B.Sc., 1950)	1952
Stevenson, Frances Aimee, B.A. (Tasmania, 1923)	1926
Steward, Harold Dunning, M.B., B.S.	1951
Steward, John Harold, B.Ag.Sc.	1967
Stewart, Alastair Keith McKellar, M.B., B.S.	1951
Stewart, Colin Gore, B.A.	1914
Stewart, Donald Peter Sinclair, B.Ec.	1952
Stewart, Doris Maud, B.A.	1964
Stewart, Jim Leslie, B.A.	1968
Stewart, Edgar Douglas James, B.E.	1947
Stewart, Geoffrey Daniel, M.B., B.S.	1957
Stewart, Henry William James, B.E.	1952
Stewart, Ian Charles Fergusson, B.Sc.	1967
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935)	1935
Stewart, John Samuel, M.B., B.S.	1939
Stewart, John Stewart McKellar, M.B., B.S.	1942
Stewart, Kenneth Duff, B.Ec.	1958
Stewart, Margaret McKellar, B.A.	1937
Stewart, Paul Rigby, B.D.S.	1962
Stewart, Peter McKenzie Gibson, B.A.	1967
Stewart, Robert Paul, B.A.	1965
Stewart, Robert Sinclair, M.B., B.S.	1967
B.A.	1968
Stewart, Vernon Allan Fergusson, M.B., B.S.	1939
Stewart-Rattray, Simon Frederick, M.B., B.S.	1968
Stewin, Carl Ronald, B.E.	1955
Stidston, Matthew Alfred Clement, B.Sc.	1936
Stiller, John Ernest, B.Sc.	1968
Stiller, Margaret Dorothy, B.A.	1967
Stipnieks, Andrejs Pauls, LL.B.	1963
Stipnieks, Maija Alma, B.D.S.	1961
Stirling, Andrew John, B.Sc.	1965
Stirling, Kenneth George, B.Ec.	1960
Stoate, Theodore Norman, D.Sc. (M.Sc., 1962, surrendered)	1963
Stoba, David James, B.App.Sc. (B.Tech., 1934)	1953
Stobie, Michael John, B.E.	1962
Stobie, Peter James, M.B., B.S.	1952
Stock, Beresford Hannam, B.Sc.	1963
Stock, Heather Dianne, B.A.	1968
Stock, Murray Clifford, B.Tech.	1958
B.Ec.	1962
Stockbridge, Edgar Lambert, B.E.	1924
Stockbridge, John Keith, M.B., B.S.	1953
Stockdale, Noel, B.A. (Melbourne, 1951)	1964
Stocker, Shirley Ann, B.A.	1966
Stockley, David Murray, B.A.	1968
Stockley, Henry William, M.B., B.S.	1954
Stodart, Barbara Joan, B.A.	1953
Stodart, Donald McLean, B.E.	1951
Stodart, Douglas Alan, B.Tech.	1964
Stoddart, Harold William Downing, M.B., B.S.	1911
Stokes, Alfred Hamley Herbert, B.A.	1968
Stokes, Anne, B.Sc.	1943
Stokes, Charles Herbert, B.A.	1956
Stokes, David Burnard, B.A.	1967
Stokes, James Michael, B.A.	1968
Stokes, John, M.A. (B.A., 1947)	1948
Stokes, John Barrymore, M.B., B.S.	1951
Stokes, John Lewis, M.B., B.S.	1941
Stokes, Jonathan Henry, B.Arch.	1967
Stokes, Judith, B.A.	1947
Stokes, Laura Joan Hartley, B.Sc.	1940
Stokes, Roger David, M.E. (B.E., 1962)	1967
Stoll, Brigitte, B.A.	1966
Stoll, Dorothee Friederike, B.A.	1963
Stoll, Ruth Sophie, B.A.	1955
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Stolz, Kate Sophie, B.A.	1909
Stone, Beverley Maxine, B.A.	1966
Stone, Brian Francis, B.Arch.	1963
Stone, Brian James, Ph.D. (B.Sc., 1959)	1968
Stone, David John, B.A.	1968
Stone, Gordon, B.Tech.	1968
Stone, Peter Clargo, B.E.	1962
Stone, Victor Oxford, B.A.	1967
Stoneman, Terry Ian, B.Sc.	1967
Storch, Wilhelm Murray, B.A.	1938
Storer, Robert Thomas, B.D.S.	1967
Storer, Andrew John, B.E.	1968
Storer, Brian Thomas, M.B., B.S.	1962
Storer, Gerald Burdon, B.Sc.	1952
Storer, Laurel Jean, B.A.	1937
Storer, Robin George, Ph.D. (B.Sc., 1959)	1964
Story, Gordon Malcolm, B.E.	1950
Story, Michael John, B.E.	1964
Stott, Douglas Wallace, B.Sc.	1958
Stoutjesdijk, Albert Diederik Johan, M.B., B.S.	1953
Stow, Hardy David, B.Sc.	1967
Strachan, Helen Sandra, B.A.	1966
Strachan, James Charles Power, M.B., B.S.	1914
Strachan, John Foster, LL.B.	1967
Stradling, John Burden Maxwell, B.Tech.	1964
Strahan, Katrina Patricia, B.Sc.	1968
Strange, Audrey Mavis, B.A.	1944
Strange, Malcolm Leslie, M.A. (B.A., 1939)	1951
Strange, Ronald Glen, B.Ec.	1956
Stranks, Donald Richard, Ph.D. (Melbourne, 1954)	1965
Stratford, Jeffrey Lyall, B.Sc.	1966
Stratford, D'Arcy Francis, LL.B.	1964
Strath, Anne Ogilvie, B.Sc.	1968
Stratmann, Paul Franz, M.B., B.S.	1933
Strawbridge, Albert Gordon, B.A.	1951
Strehlow, Shirley Rosamunde, B.A.	1966
Strehlow, Theodor George Henry, M.A. (B.A., 1931)	1938
Strehlow, Theodor James, B.A.	1966
*Streich, Carl Ivo, M.B., B.S.	1919

\* Deceased

Strelnieks, John, B.A.	1966	Swan, Hilda Mary, B.A.	1940
Stempel, Allan Arthur, B.E.	1952	Swanbury, Peter Vernon, B.A.	1961
Stretton, Helena Margaret, B.Sc.	1960	Swann, Eric John, M.B., B.S.	1924
Stretton, Hugh, M.A. (Oxford, 1952)	1955	Swann, John Christopher, Ph.D. (B.Sc., 1961)	1967
Stribling, Edwin John, M.A. (B.A., 1920)	1925	Swann, Mary Caroline, B.Sc.	1951
Stribling, Ada Florence, B.A.	1925	Swanson, Albert Frederick Daniel, B.A.	1940
Strickland, Andrew James, B.A.	1964	Swanson, Swan Douglas, B.Tech.	1966
Strickland, Robert Geoffrey, M.B., B.S.	1961	Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932)	1936
Stroble, Christian, B.A.	1964	Swayne, Joseph, B.A. (National, Ireland, 1915)	1921
Strods, Inta Maria, B.A.	1962	Sweatman, Thomas Rex, M.Sc. (B.Sc., 1954)	1961
Stroud, Desmond John, B.App.Sc.	1965	Sweeney, Donald Ballantyne, M.B., B.S.	1963
Struenkmann, Uwe, B.Ec.	1965	Sweeney, Gordon, B.E.	1924
Stuart, Anthony, B.A.	1958	Sweeney, Gordon Newton, B.Tech.	1965
Stuart, Cameron Kingston, LL.B.	1963	Sweeney, James Gladstone, M.B., B.S.	1915
B.A.	1968	Sweeney, John Gladstone, M.B., B.S.	1951
Stuart, Kenneth Howard, B.Sc.	1928	Sweeney, Mark Francis, B.Sc.	1966
Stuart, Noel Harry, B.Sc., B.E.	1928	Sweeney, Mary Ryan, B.A.	1932
Stubber, Leo Anthony, M.B., B.S.	1953	Sweeney, Michael Edward, B.A.	1967
Stubberfield, Denis Roy, B.App.Sc.	1965	Sweeney, Murray Frank, B.E.	1950
Stubbs, Ruth Margaret, Mus.Bac.	1959	Sweeney, Patrick James, B.Sc.	1962
Stuckey, Edward Joseph, B.Sc.	1895	Sweeney, Robert James, M.B., B.S.	1953
M.B., B.S.	1903	Sweeney, Trevor John, B.Tech.	1958
Stuckey, Francis Seavinton, B.Sc.	1896	Sweet, Ian Paul, B.Sc.	1966
Stump, Nicholas Withrington, B.App.Sc.	1966	Sweet, Ross, M.B., B.S.	1964
Sturmev, Stanley George, M.Ec. (B.Ec., 1950)	1953	Sweet, Stephen Frank, B.Sc.	1964
Styles, Colin Ross, B.A.	1968	Sweetapple, George Frederick, B.Sc.	1945
Subagio, Nitipustoko, B.E.	1963	Sweetapple, Rosemary Hope, B.A. (Natal, 1962)	1965
Such, John Roland, B.A.	1968	Sweller, Genia, M.B., B.S.	1964
Suck, Margaret Louise, LL.B.	1966	Swift, Sir Brian Herbert, M.B., B.S. (Cambridge, 1916)	1920
Sudjono, B.Ag.Sc.	1961	M.D. (Cambridge, 1936)	1936
Sudholz, Herbert Frederick, B.D.S.	1930	Swift, Diana Miller, M.B., B.S.	1966
Sudholz, John Robert, B.Ec.	1966	Swift, Harry Houghton, B.E.	1915
Sugars, Kingsley John, B.Sc.	1962	Swift, Raelene June, B.A.	1968
Sugg, Bentham Horace, B.A.	1934	Swift, Vera May, B.A.	1935
Sugg, Bronte Kingsley, B.Ec.	1965	Swiggs, Francis, M.B., B.S.	1954
Suhanek, Leslie, B.Tech.	1964	Swineer, Craeme Douglas, B.Ag.Sc.	1964
Suhardi, B.E.	1968	Switajewski, Alfred Julio, M.B., B.S.	1968
Sulan, Charles, B.Ec.	1961	Switajewski, Christopher Alfred, M.B., B.S.	1964
Sulan, John Robert, LL.B.	1968	Sydenham, Peter Henry, M.E. (B.E., 1964)	1968
Sullivan, Denis Raymond, B.A.	1963	Sykes, Elaine, B.A.	1967
Sullivan, Margaret Renlle, B.A.	1943	Sykes, Judith Nicola, B.Sc.	1967
Sullivan, Maxwell Douglas, B.Ec.	1951	Sykes, Leon Turnbull, B.Tech.	1962
Sullivan, Phillip Grose, B.Sc.	1942	Sykes, Meredyth Elizabeth, B.A.	1960
Summerfield, William Charles, B.Sc.	1964	Sylov, Barbara Elizabeth Ruth, B.Sc.	1960
Summers, Frank Henry, B.Sc.	1923	Symes, William David, M.B., B.S.	1952
Summers, Graham Frank, B.Tech.	1960	Symon, Charles Craven, B.Sc.	1955
Summerton, Alvin Paul, B.Sc.	1968	Symon, Charles James Ballarat, M.A. (Oxford, 1919)	1932
Sumner, Christopher John, LL.B.	1966	Symon, David Eric, B.Ag.Sc.	1950
B.A.	1968	Symon, Robert Josiah, B.Tech.	1962
Sumner, Donald Ernest Wesley, M.B., B.S.	1952	Symonds, Edwin Joseph Truman, B.E.	1926
Sumner, Donald James Robert, M.B., B.S.	1922	Symonds, Edwin Malcolm, M.B., B.S.	1958
Sumner, Graham Edwin, M.B., B.S.	1955	Symonds, George Burnett Lionel, B.E.	1919
Sumner, Robert John, B.Sc.	1967	Symonds, John Lloyd, B.Sc.	1944
Sunarjana, Sutan Awaludin, B.E.	1963	Symonds, Josephine Beryl, B.Sc.	1960
Sunstrom, Geoffrey Wayne, B.Sc.	1967	Symonds, Phillip Jeffrey, B.Sc.	1963
Surna, Nemira Ona, M.B., B.S.	1958	Symonds, Ruth Caust, B.A.	1950
Susman, Shirley Jean, B.Sc.	1947	Symonds, Wybert Milton Caust, B.Sc.	1925
Sutcliffe, Helen Suzanne, B.Med.Sc.	1968	Symons, Clifford Thomas, M.A. (B.A., 1929)	1936
M.B., B.S.	1968	Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Sutcliffe, Kathryn Ann, B.A.	1966	Symons, Eric Lindsay, M.B., B.S.	1917
Suter, Alfred Charles, B.Sc. (Liverpool, 1910)	1912	Symons, Frederick John Walter, B.E.	1960
Sutherland, Andrew D'Arcy, M.B., B.S.	1967	Symons, Frederick William, B.E.	1926
Sutherland, Geoffrey Strafford, B.E.	1956	Symons, Geoffrey David, B.Sc.	1959
Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937)	1944	B.A.	1960
Sutterby, Pamela, B.Sc.	1965	Symons, Gordon Joseph, B.A.	1958
Suttle, Craham, B.Tech.	1965	Symons, Jack Gilroy, B.E.	1936
Sutton, David John, Ph.D. (B.Sc., 1948)	1954	Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953)	1960
Sutton, Jeffery Robert Cost, B.Tech.	1958	Symons, Lloyd Alfred Grigg, B.A.	1928
Sutton, John Murray, B.E.	1968	Symons, Margaret Anne, B.A.	1957
Sutton, Laura Margaret, B.A.	1953	Symons, Mark Gail, B.E.	1959
Svalbe, Andrejs Katlis, B.Sc.	1967	B.Sc.	1966
Sved, George, B.E. (Mech.Eng., Royal Joseph Technical University, Hungary, 1932)	1968	Symons, Peter Norman, B.E.	1957
Sved, John Andrew, Ph.D. (B.Sc., 1960)	1966	Symons, Reginald Albert, LL.B.	1927
Sved, Marta, M.Sc. (B.Sc., 1956)	1965	Symons, Stuart Barry, B.D.S.	1959
Svensic, Francis, B.Ec.	1961	Szczygieslski, Wladyslawa Wanda, B.A.	1966
Svenne, Iize, B.A.	1964	Szekeress, Peter, B.Sc.	1960
Svilans, Irena, B.A.	1967	Szorenyi-Reischl, Nicholas Andrew, B.A.	1965
Swain, John David, LL.B.	1967		
Swaine, Cyril David, M.B., B.S.	1942		
Swale, John David, B.Mus. (Mus.B., Cambridge, 1958)	1966		
Swalling, Peter Ralph, B.Arch.	1966		
Swan, Alan Keith, B.A.	1943		
*Swan, Charles Spencer, M.D., (M.B., B.S., 1935)	1941		
D.Sc.	1947		

\* Deceased

## T

Tabor, Adrian, B.Sc.	1962
Tabor, Barbara, B.A.	1962
Taeuber, Robert Lindsay, B.Sc.	1951
Taib, Abdul, bin Mahmud, LL.B.	1961
Tait, Maurice Hector, B.Tech.	1958
Tait, Robert William Francis, Ph.D. (Birmingham, 1943)	1954
Talbot, Alec Murray, B.A.	1967
Talbot, James Lawrence, M.Sc. (M.A., California, 1957)	1959
Ph.D.	1964
Talbot, Judith Ann, M.B., B.S.	1964
Talbot, Patrick Henry Brabazon, Ph.D. (London, 1962)	1968
Talnet, Maie-Anne, B.Sc.	1964
Tam, Chat Tim, M.E. (B.E., 1959)	1962
Tam, Kau Tim, B.E.	1965
Tam, Wai Sheung, B.Sc.	1964
Tamblyn, David Michael, M.B., B.S.	1968
Tamblyn, Eric Joseph, M.B., B.S.	1936
Tamke, John William, B.E.	1965
Tamlin, Eric Arthur, B.Sc.	1956
Tamlin, James Valmond, B.Tech.	1965
Tan, Beng Huat, B.Ag.Sc.	1968
Tan, Bok Kim, Ronald, B.E.	1963
Tan, Boon Lye, B.Tech.	1966
Tan, Chat Hong, B.E.	1959
Tan, Cheng Seh, B.Sc.	1967
Tan, Chor Beng, B.E.	1965
Tan, Eng Hock, M.B., B.S.	1965
Tan, Eng Seong, B.E.	1961
Tan, Ho Nhut, B.Tech.	1965
Tan, Hock Kwang, B.Tech.	1968
Tan, Hock Poh, M.B., B.S.	1965
Tan, Keng Yam, Tony, Ph.D.	1968
Tan, Kheng Khoo, M.B., B.S.	1956
Tan, Kong Chin, M.B., B.S.	1959
Tan, Kong Sing, B.Sc.	1965
Tan, Kuan Teik, B.E.	1962
Tan, Leong Koo, B.E.	1965
Tan, Lip Peow, B.Arch.	1966
Tan, Loraine Soo Tian, M.B., B.S.	1955
Tan, Ong Kiat, B.E.	1964
Tan, Saw Sim, B.Ec.	1968
Tan, Seng Huat, B.Tech.	1964
Tan, Seng Teck, David, B.E.	1967
Tan, Sim Keng, Philip, M.B., B.S.	1964
Tan, Sock Kia, B.A.	1961
Tan, Tiong Choon, M.B., B.S.	1967
Tan, Yee Thong, B.Sc.	1963
Tan, Yoke Lan, Laurentia, M.B., B.S.	1968
Tancibudek, Jiri, B.Mus. (Mus.Bac., Prague, 1946)	1966
Tang, Teng Kooi, M.B., B.S.	1958
Tanko, Robert Seymour, B.D.S.	1951
Tanner, Garnet Albert, B.E.	1932
Tanner, George Pelham, B.A. (Oxford, 1908)	1912
Tansell, Robert Cameron, B.E.	1952
Tanti, Spiro, B.A.	1967
Tanzler, Christian Ignatius, Ph.D. (B.Sc., 1963)	1968
Taplin, David Elliott, B.Ag.Sc.	1963
Taplin, John Eaton, B.Sc.	1967
Taplin, Roger Eaton, B.Sc.	1962
Tapp, Adrian Lynda, B.A.	1928
Tapp, William Pelton, B.E.	1950
Tapping, Jeffrey, B.Sc.	1963
Tardrew, Philip Leslie, B.Sc.	1945
Tarrant, Frederick Martin, B.Tech.	1958
Tarte, Michael John, B.Tech.	1967
Tassell, Helen May, B.A.	1967
Tassie, Gemmel, M.B., B.S.	1926
Tassie, Gemmel Wilson, M.B., B.S.	1955
Tassie, Jean Reid, B.A.	1914
Tassie, John, B.Ec.	1960
Tassie, Joyce Gemmel, B.Sc.	1940
Tassie, Judith Anne, M.B., B.S.	1957
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered)	1918
Tate, Max Edwin, Ph.D. (New South Wales, 1961)	1965
Tattersall, Ila, B.A.	1944
Tattersall, Laurence Oswald, B.A.	1968
Tavender, Roy Malcolm, B.Tech.	1962
Tay, Boon Shek, B.Sc.	1968
Tay, Sin Yan, B.E.	1959
Taylor, Andrew Leslie, B.Ag.Sc.	1960
Taylor, Brian Breslin, B.E.	1952
Taylor, Brian John, B.A.	1966
Taylor, Brian John, B.A.	1967
Taylor, Brian Kenwyn, Ph.D. (B.Ag.Sc., 1960)	1967
Taylor, Colin Stephen, B.E.	1948
Taylor, Darnley Harry Gilmore, B.Ec.	1958
Taylor, David Hugh, LL.B.	1961
Taylor, David John, M.Sc. (B.Sc., 1956)	1963
Taylor, Donald William, B.E.	1931
Taylor, Douglas McLeod, B.A.	1951
Taylor, Duncan Grant, B.Ec.	1964
Taylor, Geoffrey Hamlet, M.Sc.	1953
Taylor, Graham Frank, Ph.D. (B.Sc., 1961)	1967
Taylor, Gregory Frank, B.Ec.	1965
Taylor, Herbert Richard, B.A.	1932
Taylor, James Bruce, Ph.D. (B.Ag.Sc., 1959)	1965
Taylor, Janice Gwen, B.Sc.	1964
Taylor, Jennifer Ann, B.A.	1953
Taylor, Jeremy Roy, B.Ec.	1964
Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923)	1954
Taylor, John Lachlan, LL.B.	1967
Taylor, Keith Clarence, B.E.	1957
Taylor, Kevin Lyle, B.Sc.	1950
Taylor, Lindsay Bairstow, B.Sc. (Eng.)	1942
Taylor, Malcolm Victor, B.Sc.	1967
Taylor, Margaret Elaine, B.Sc.	1968
Taylor, Max Ronald, Ph.D. (Sydney, 1964)	1966
Taylor, Michael Gleeson, M.D. (M.B., B.S., 1951)	1956
Taylor, Patricia Helen, B.Sc.	1967
Taylor, Peter James, B.Sc.	1967
Taylor, Raymond John, M.B., B.S.	1968
Taylor, Reginald Morton, M.Sc. (B.Sc., 1951)	1962
Taylor, Robert Herbert George, B.D.S.	1929
Taylor, Robert John, LL.B.	1951
Taylor, Robert William, B.Sc.	1963
Taylor, Rosemary Joan, B.A.	1960
Taylor, Trevor Leon, M.B., B.S.	1962
Taylor, Trevor Roy, LL.B.	1932
Taylor, William Fletcher, LL.B.	1963
Teague, Baden Chapman, B.A.	1967
B.Sc.	1968
Teague, John Fletcher, B.Sc.	1964
Tebecis, Andris Karlis, B.Sc.	1965
Techakampuch, Udomsap, B.Ec.	1968
Teesdale, Verner, M.B., B.S.	1954
Teesdale-Smith, Malcolm, LL.B.	1954
Teh, Peng Heng, M.B., B.S.	1955
Tejwani, Khubo Gianchand, Ph.D.	1952
Telfer, Douglas Ivan, B.A.	1945
Teluk, Jaroslav Alexander, B.Sc.	1966
Temby, Allen Christopher, M.E. (B.E., 1960)	1964
Temby, Penelope Claire, B.A.	1966
Temme, Paul Bernard, M.B., B.S.	1968
Templer, Dianne Jessie, B.A.	1966
Templer, Jeffrey Norman, B.E.	1941
Tennant, Maxine Rita, M.B., B.S.	1951
Tennosaar, Henn, B.E.	1967
Teo, Chiang Boon, B.E.	1961
Teo, Chiang Long, B.Ec.	1967
Teo, Tong Eng, Raymond, B.Sc.	1968
Teoh, Eng Hong, B.Ec.	1965
Teoh, Hoon Leong, B.Ec.	1957
Ternan, Verna Joyce, B.A.	1933
Terrell, Richard Deane, B.Ec.	1958
Terrill, Frederick Edward, M.B., B.S.	1922
Terrill, Samuel Ernest, B.Sc.	1927
Terry, Athalie May, B.A.	1961
Terry, Graham Robert, B.Mus.	1967
Terry, John Richard, B.Tech.	1967
Tester, Donald Kenneth, B.Sc.	1951
Teubner, Peter John Osmond, Ph.D. (B.Sc., 1960)	1968
Teusner, Berthold Herbert, LL.B.	1931
Teusner, Roger Erskine, LL.B.	1962
Teusner, Terence Theodor, M.B., B.S.	1959
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947
Texler, Eva, M.B., B.S.	1942
Texler, Karl Christopher, M.B., B.S.	1959
Tham, Cham Kwong, B.E.	1965
Tham, Toong Seng, B.E.	1965
Tharavanij, Savanat, Ph.D.	1966

\* Deceased



The, Gregorius Maria Swie Siong, M.E. (B.E., 1960)	1965	Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958
Theng, Kian Coan, Benny, Ph.D. (B.Ag.Sc., 1960)	1965	Thompson, Maxwell Andrew, B.E.	1952
Thiel, Colin Victor, B.Sc.	1949	Thompson, Meryl Joan, B.A.	1966
Thiel, John Edward, B.Sc.	1968	Thompson, Neil, B.A.	1966
Thiele, Colin Milton, B.A.	1941	Thompson, Noel, B.Sc.	1954
Thiele, James Barnabas, Mus.Bac.	1952	Thompson, Norman, B.Sc.	1965
Thiele, Janet Rosemary, B.A.	1963	Thompson, Philip Wayne, B.Sc.	1964
Thiele, Wayne Kerwin, B.Sc.	1961	Thompson, Rex Palmerstone, B.Sc.	1948
Thiem, Dorothy Anne, B.A.	1967	Thompson, Rodney Burgess, B.Tech.	1967
Thiem, Jillian Mary, B.Mus.	1968	Thompson, Robert Sydney, B.Tech.	1968
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935)	1938	Thompson, Roger David, B.A.	1967
Thiersch, Marie-Louise Mathilde, M.A. (B.A., 1965)	1968	Thompson, Thomas Alexander, B.Sc.	1966
Thiselton, Malcolm Robert, B.Tech.	1960	Thompson, William, B.A.	1936
Thithapandha, Amnuay, B.Sc.	1966	Thompson, William Douglas, B.Sc.	1966
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Thompson, William Gordon, LL.B.	1959
Thomas, Alfred John Thornley, M.B., B.S.	1949	Thomson, Barbara Ellen, M.B., B.S.	1967
Thomas, Arthur Robin, B.E.	1936	Thomson, Beresford John Rodger, B.D.S.	1957
Thomas, Barry Alexander, B.Tech.	1964	Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941)	1957
Thomas, Brian Gordon, M.B., B.S.	1947	Thomson, Bruce James, B.Sc.	1950
Thomas, Christopher, B.Tech.	1968	Thomson, Bruce William, B.D.S.	1957
Thomas, David Austin Grenfell, LL.B.	1931	Thomson, Cedric Jeffrey, LL.B.	1951
Thomas, David John Saint, B.E.	1963	Thomson, Gerald Peter Debussy, M.B., B.S.	1961
Thomas, David Westwood, B.Med.Sc. M.B., B.S.	1966	Thomson, Ian Alexander, B.Tech.	1958
Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955	Thomson, James Donald, LL.B.	1963
Thomas, Geoffrey Edward, B.A.	1967	Thomson, Janet Elizabeth, B.Sc.	1956
Thomas, Geoffrey Neil, B.Ag.Sc.	1965	Thomson, Joanna Eristoun, B.A.	1948
Thomas, Harold Davey, B.E.	1935	Thomson, John David, B.Tech.	1964
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933)	1949	Thomson, John Douglas, B.Tech.	1967
Thomas, Jack, B.Sc.	1934	Thomson, Joyce Ann, B.A.	1967
Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945	Thomson, Keith Westhead, Ph.D. (Washington, 1953)	1954
Thomas, Jennifer Mary, B.A.	1960	Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Thomas, John Angas, B.Sc.	1948	Thomson, Linda Lovibond, B.D.S.	1926
Thomas, John Baden, B.Tech.	1960	Thomson, Murray David Archibald, B.A.	1968
Thomas, John David, B.Tech.	1967	Thomson, Napier Maurice, M.B., B.S.	1967
Thomas, Joyce Amy, B.Sc.	1949	Thomson, Peter Pratt, B.Sc.	1965
Thomas, Kay, B.Sc.	1966	Thomson, Richard William, B.E.	1964
Thomas, Kenneth Donald, B.A.	1953	Thomson, Robyn Mary, B.A.	1968
Thomas, Kenneth Hewitson, B.Ec.	1953	Thomson, Sydney William, B.D.S.	1930
Thomas, Lindsay, Ph.D. (B.Sc., 1962)	1968	Thomson, Theodore Roderick, M.B., B.S.	1947
Thomas, Margaret Helen, B.A.	1934	Thomson, Vera Audrey, B.A.	1947
Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927	Thomard, John Charles, Ph.D. (Rochester, 1960)	1967
Thomas, Martyn William, M.B., B.S.	1966	Thong, Choe Loen Raymond, B.E.	1958
Thomas, Milton, B.Sc.	1950	Thong, Kar Lum, B.Sc.	1964
Thomas, Peter Geoffrey, B.Sc.	1968	Thong, Wing Yip, Albert, B.E.	1962
Thomas, Richard Grenfell, B.Sc.	1924	Thornton, Digby Noel, M.B., B.S.	1951
Thomas, Richard Murison, B.Sc.	1966	Thornton, Gayfield Collins, M.B., B.S.	1943
Thomas, Robert Edwin, B.D.S.	1967	Thorp, Clementina Kay, B.A.	1968
Thomas, Trevor Wilson, B.A.	1939	Thorpe, Donald Stephen, B.Sc.	1966
Thomas, Walter Warren, B.E.	1951	Thorpe, Geoffrey William, B.A.	1955
Thomas, Wendy Elizabeth, B.Sc.	1962	Thredgold, Beatrice Marie, B.A.	1928
Thomas, Wesley James, B.Sc.	1952	Thredgold, Harold Malcolm, B.Sc.	1965
Thomas, William Lancelot, B.A.	1925	Threlfall, William Frederick, B.Sc.	1966
Thompson, Aileen Joyce, B.Sc.	1950	Thrower, Dalton Craig, B.Tech.	1961
Thompson, Alexander McQueen, M.B., B.S.	1937	Thrum, Edward Allen, B.Sc.	1921
Thompson, Anthony George, Ph.D. (B.E. (N.Z.), 1947), 1959)	1966	Thrum, Edward Allen, B.Sc.	1924
Thompson, Anthony William, B.Sc.	1964	Thrush, Harry Clifford, B.A.	1915
Thompson, Arthur Melville, B.Sc.	1936	Thum, Bee Goh, B.Sc.	1967
Thompson, Basil Clive, B.E.	1955	Thuys, John Gerard, B.Sc.	1964
Thompson, Diane Jov, B.A.	1967	Thwaites, Neil Harry, B.Tech.	1960
Thompson, Bryan William, M.B., B.S.	1957	Thyer, Alexander Maitland, M.E. (B.E., 1924)	1936
Thompson, Douglas Norman, B.Sc.	1949	Thyer, Frederick Lewis, M.B., B.S.	1923
Thompson, Elaine Joyce, B.A.	1964	Thyer, George Maitland, B.E.	1962
Thompson, Frank Howard, B.A.	1955	Thyer, Harold Walford, M.B., B.S.	1964
Thompson, Frederick Verner, B.Sc. (Eng.)	1948	Thyer, Jillian, B.A.	1967
Thompson, Glen Raymond, B.Sc.	1964	Thyer, Robert Francis, B.Sc.	1932
Thompson, Helen Dianne, B.A.	1968	Tiang, Kiing Kiat, Christopher, B.Sc.	1967
Thompson, Irving Alexander Anthony, Ph.D. (Cambridge, 1965)	1966	Tieli, Salvatore, LL.B.	1966
Thompson, James Edmond, B.Sc.	1967	Tideman, Arthur Frederick, B.Ag.Sc.	1953
Thompson, Janette Ann, B.A.	1966	Tideman, Brian George, B.Tech.	1966
Thompson, Jean Fleming, B.A.	1928	Thideman, Frederick William, B.E.	1925
Thompson, Jessie Mildred, B.A.	1939	Tideman, Margaret Beryl, B.A.	1963
Thompson, Jill Susan, B.A.	1964	Tidemann, Ernest Phillips, B.D.S.	1933
Thompson, John Evlyn, M.B., B.S.	1955	Tidswell, Bruce Allison, B.D.S.	1955
Thompson, John Heath, B.Tech.	1963	Tiegs, Oscar Werner, D.Sc. (B.Sc., Queens-land, 1919)	1922
Thompson, John Robert, M.B., B.S.	1938	Tilbrook, Jeffrey Ian, B.A.	1968
Thompson, John Ronald, B.D.S.	1941	Tilbrook, Norman Keith, B.E.	1949
Thompson, John Rory, B.Tech.	1968	Tilbrook, Percival Montrose Torr, B.A.	1954
Thompson, Kay Judith, B.A.	1965	Tilby, Jenis Marie, B.A.	1964
Thompson, Leonard Arthur, B.D.S.	1950	Tilby, Penelope Jean, B.A.	1966
		Tilemann, Rosemary, B.A.	1957
		Till, Maxwell Roy, B.Ag.Sc.	1949

\* Deceased

Tiller, Adrian Bruce, B.Ag.Sc.	1967
Tiller, Kenneth Matthew John, B.Sc.	1949
B.A.	1955
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1957
Tillett, Peter Irwin, B.Sc.	1956
B.A.	1963
*Tillett, Rodney Colin, B.E.	1961
Tilley, Cecil Edgar, B.Sc.	1914
Tilley, Harold William George, B.Ec.	1964
Tilly, Graham John, B.Sc.	1957
Timeke, Edward Waldemar, B.A.	1920
Tindate, Beryl Rae, B.A.	1948
Tindale, John, B.Sc.	1962
Tindale, John James, B.Ag.Sc.	1961
Tindale, Norman Barnett, B.Sc.	1932
Tindale, Colin James, LL.B.	1957
Tindall, Ronald Graham, B.Sc.	1956
Ting, King Yui, Thomas, B.Sc.	1965
Ting, Sing Tung, B.Pharm.	1968
Tipping, Richard Michael, M.B., B.S.	1953
Tiver, Athol, B.Ag.Sc.	1956
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1947
Tiver, Peter Graham, B.A.	1962
Tiver, Ronald Wayland, B.D.S.	1943
Tjokrosbroto, Ruden Hergetomo, B.App.Sc.	1963
Tobin, Ashleigh Hambridge, Mus.Bac.	1964
Todd, Arnold Charles, B.E.	1955
Todd, Robert Gordon, B.Ec.	1965
Todd, Ronald Maxwell, B.Tech.	1964
Todd of Trumpington, The Right Honourable Baron; Alexander Robertus Todd, D.Sc. (Glasgow, 1938)	1965
Toh, Kim Thy, B.E.	1959
Tohver, Iimar, B.D.S.	1955
Tolcher, Vernon Arthur, B.E.	1953
Tolcay, Julius William, B.Tech.	1965
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Tolmie, Ronald Philip, B.E.	1957
Tolstoshev, Paul, B.Sc.	1968
Tomeo, Rita Josephine, B.Sc.	1968
Tomich, John, M.B., B.S.	1968
Tomlin, John Anthony, Ph.D. (B.Sc., 1963)	1968
Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1960
Tomlinson, Betty Mary, B.A.	1939
Tomlinson, William Frederick, M.B., B.S.	1939
Tong, Peggy, B.Sc.	1966
Tong, Yi-Nien, Ladislaus, B.Sc.	1968
Tonissen, Allan Robert, B.Tech.	1968
Tonkin, Aubrey Douglas, M.B., B.S.	1951
Tonkin, David Oliver, M.B., B.S.	1953
Tonkin, Donald Geoffrey, B.E.	1953
Tonkin, Jennifer Jane, B.A.	1965
Tonkin, Mary Elizabeth, B.A.	1944
Tonkin, Neil Richard, B.Ec.	1967
Tonkin, Raymond George, M.B., B.S.	1937
Tonkin, Verna Iris, B.Sc.	1961
Tonkin, William Richards, M.B., B.S.	1921
Toole, Dorothy Anne, B.A.	1968
Toomey, Derek Morton, B.A. (Manchester, 1958)	1961
Toop, Beryl Rachel, B.Sc.	1959
Toovey, Douglas Reginald, B.Ec.	1957
Tooze, Mervyn John, B.Sc.	1947
Toziss, John George, M.B., B.S.	1950
Topperwein, Irwin, M.A. (B.A., 1922)	1924
B.Sc.	1925
Torap, Lee Walter, Ph.D. (Stanford, 1967)	1968
Torr, Shirley Constance, B.A.	1944
Torr, Thomas Harold, M.B., B.S.	1953
Tosolini, Frederick Angelo, M.B., B.S.	1964
Tostevin, Alfred Ladyman, M.B., B.S.	1923
Tostevin, Graham Mark, M.E. (B.E., 1953)	1957
Tosukhowong, Pichit, B.Sc.	1966
Tothill, Judith Windebank, B.A.	1953
Tothill, Judith, B.Tech.	1967
Tothill, Kym Maxwell, B.Ec.	1961
Tottman, Vance Denzil, M.B., B.S.	1966
Tough, Peter Frank, B.E.	1966
Toussaint, Rose Evangeline, M.B., B.S.	1953
Townsend, Douglas George, M.B., B.S.	1956
Townsend, Herbert Louis, B.A.	1941
Townsend, Ian Jack, B.Sc.	1968
Townsend, Norman Charles Wilson, M.B., B.S.	1956
Tozer, Barry Allan, M.E. (B.E., 1965)	1968
Tozer, Ross Leonard, M.B., B.S.	1957
Tracey, Alan James, B.Tech.	1959
Traeger, Anne Patricia, M.B., B.S.	1966
Traeger, Keith Terence, B.A.	1949
Tratman, Frank, M.D. (London, 1892)	1899
Traub, Max, M.B., B.S.	1952
Trauer, Robert, M.B., B.S.	1920
Travers, John Leo, LL.B.	1963
Travers, Paul Brendon, B.Tech.	1966
Treagus, Elaine Mary, B.A.	1944
Treasure, Eunice Jessie, B.A.	1951
Treasure, Valda Beth, B.A.	1964
Trebilcock, David, B.A.	1968
Trebilcock, Dean Thomas, B.A.	1967
Trebilcock, Donald Ray, B.A.	1966
Trebilcock, Dorothy Lorraine, B.A.	1965
Trebilcock, Heather Anne, B.Sc.	1953
Trebilcock, John Bungey, M.B., B.S.	1968
Trebilcock, Michael John, LL.M.	1967
Trebilcock, Robin John, B.Tech.	1968
Tregear, David Charles, B.Sc.	1949
Tregenza, Alan Arthur, B.A.	1955
Tregenza, Jean Florence, B.A.	1956
Tregenza, John Miller, M.A. (B.A., 1953)	1965
Tregenza, Lesley Margaret, B.Sc.	1923
Tregenza, Sydney Lloyd, B.A.	1968
Tregilgas, Francis Everleigh, B.A.	1964
Tregloan, Peter Allan, B.Sc.	1951
Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1949
Tregonning, Donald John Kennedy, M.B., B.S.	1950
Tregonning, Kennedy Gordon Philip, B.A.	1968
Treilibs, Verner, B.Sc.	1968
Treitnar, Helene Ernestine, B.A.	1964
Treleaven, David Ross, B.Tech.	1893
Treleaven, Walter, B.Sc.	1927
Treloar, Albert Edward Coran, LL.B.	1964
Treloar, Deane Andrew, B.Arch.	1959
Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1960
Treloar, Gwentyth Florence, B.A.	1951
Treloar, Hugh Kingsley, LL.B.	1965
Treloar, Jennifer Ann, B.A.	1954
Treloar, John Harvey, B.E.	1965
Treloar, John Howard Francis, LL.B.	1957
Treloar, Lionel Hammond, LL.B.	1966
Treloar, Philip Douglas, B.E.	1957
Treloar, Ronald William, B.Ec.	1943
Tremain, Allen Maurice, B.Sc.	1944
Trembath, Frank Everard, M.B., B.S.	1968
Tremellen, Ronald Henry, B.Tech.	1958
Tremlett, Ian Walter, B.Ec.	1958
Trendall, Arthur Dale, D.Litt. (New Zealand, 1936)	1960
Trenerry, Dennis William, B.Sc.	1967
Trenerry, Graham Aldebaran, B.Sc.	1967
Trenerry, Michael Anthony, LL.B.	1948
Trenerry, Roger, B.E.	1968
Trengove, Graham Charles, B.Ag.Sc.	1952
Trenorden, Ailsa Gwynne, B.Sc.	1934
Trenorden, Glenwynne Eva, B.A.	1945
Trenorden, James Henry, B.A.	1937
Trestrail, Hugh Alexander, B.E.	1944
Trethowie, Everton Rowe, M.D. (Melbourne, 1939)	1967
Trethowie, John Vere, B.Sc.	1963
Trett, Victor, B.Sc.	1967
Trevaskis, Douglas Frank, B.A.	1958
Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1967
Trezeise, William Peter, B.Tech.	1945
Triggs, Kathleen Dorothy, B.A.	1967
Trim, Darrell Alfred, LL.B.	1949
Trimmer, Ray Brian, B.E.	1961
B.Ec.	1926
Trist, Alan Roberts, B.Sc.	1939
Trott, Arthur Keith, B.D.S.	1939
Trott, Dudley William, B.D.S.	1965
Trott, Geoffrey William, B.Sc.	1967
B.E.	1966
Trott, John Richard, M.D.S. (B.D.S., 1950)	1950
Trott, Lyndon Rodney Eyre, B.E.	1964
Trotter, Claudia Annette, B.A.	1941
Trotter, Frederick Lionel, B.D.S.	1968
Truby, Dean, B.Sc.	1957
Trudinger, Leonard Paul, B.A.	1927
*Trudinger, Malcolm August, M.B., B.S.	1912
*Trudinger, Martin, B.A.	1955
Trudinger, Philip Alan, Ph.D. (B.Sc., 1948)	1955

\* Deceased



Trudinger, Ronald, B.Sc.	1905
M.B., B.S.	1909
Trudinger, Ronald Martin, B.A.	1943
Trueman, Norman Anthony, M.Sc.	1966
Truja, Emma, M.B., B.S.	1968
Trumble, Helen Elizabeth, B.A.	1968
* Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927)	1937
Trumble, Hugh Peter Christian, B.Ag.Sc.	1949
Truran, John Maxwell, B.A.	1963
Truscott, David Craven, B.Ec.	1964
Truscott, Edward Glen, B.E.	1961
Truscott, Peter David, B.E.	1965
Tsakalidis, Hercules, B.Arch.	1966
Tsangaris, George Paul, B.A.	1959
Tsiros, Petros, B.E.	1968
Tsounis, Michael Peter, B.A.	1964
Tuan, Nguyen Anh, B.E.	1963
Tuck, Bernard Geoffrey, LL.B.	1933
Tuck, Ernest Oliver, B.Sc.	1959
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Tuck, Harry Playford, B.Sc.	1915
M.E. (B.E., 1920)	1943
Tuck, Judith May, B.Sc.	1966
Tuck, Raymond Allen, B.Sc.	1939
Tuck, Robert Clyde, B.A.	1968
Tucker, Bruce Mollet, M.Sc. (B.Sc., 1941)	1958
B.A.	1956
Tucker, David Hamilton, B.Sc.	1966
Tucker, David John, LL.B.	1967
Tucker, Gaye Wayte, M.B., B.S.	1959
Tucker, Geoffrey Stuart, M.B., B.S.	1965
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946)	1947
Tucker, Howard Erskine, LL.B.	1920
Tucker, John Alan, B.A.	1966
Tucker, Neil William, B.A.	1964
Tucker, Paul, B.Tech.	1968
Tucker, Robert, B.A.	1961
Tucker, William George Shaw, M.B., B.S.	1957
Tuckwell, Elliot Carby, B.Sc.	1958
Tuckwell, Eric Clavering, B.A.	1940
Tuckwell, Henry Clavering, B.Sc.	1964
Tuckwell, Kenelm Sinclair, B.A.	1930
Tuckwell, Roger Hamilton, B.Ec.	1956
Tudor, Allan James, B.Tech.	1967
Tugwell, Barry Leonard, B.Ag.Sc.	1965
Tugwell, Beverly Jean, B.Sc.	1963
Tulloch, David Gerald, B.A.	1965
Tulloch, Susan Elizabeth, B.A.	1966
Tulsi, Ram Singh, M.Sc.	1968
Tume, Ronald Keith, B.Sc.	1964
Turnbridge, Peter Brett, M.B., B.S.	1953
Turner, Valerie Christine, B.A.	1964
Tung, Ching Kwong, Kenneth, B.D.S.	1965
Tuohy, Ian Ronayne, B.Sc.	1967
Turangan, Julius Alexander Marcus Einstein, B.E.	1968
Turnbull, Gordon McLeod, M.B., B.S.	1937
Turnbull, John Winston, M.B., B.S.	1964
Turner, Annette Helen, B.A.	1964
Turner, Arthur Noel, M.B., B.S.	1952
Turner, Betty Gretton, B.Sc.	1937
Turner, Brian Scott, B.A.	1966
Turner, Charles Trevor, M.B., B.S.	1914
Turner, Constance Mary, B.A.	1951
Turner, Donald Lionel, B.Sc.	1947
Turner, Edward Robert, B.E.	1932
Turner, Elizabeth Rosemary, B.A.	1960
Turner, Frederic Boyd, M.B., B.S.	1933
Turner, George William, M.A. (New Zealand, 1948)	1965
Turner, Helena Gladys, B.Sc.	1940
Turner, John Anthony, B.A.	1966
Turner, Keven James, Ph.D. (B.Sc., 1952)	1956
Turner, Nancy Gretton, B.A.	1937
Turner, Neil Clifford, Ph.D.	1968
Turner, Richard Boyd, M.B., B.S.	1967
Turner, Tennyson, LL.B.	1952
B.A.	1954
Turner, Thomas William, M.B., B.S.	1956
Turpin, Ronald Keith, M.B., B.S.	1965
Twartz, Arnold Frederick, B.Sc.	1936
Twartz, Clement Wilford, B.A.	1966
Twartz, Jenifer, LL.B.	1965
Twelftree, Clifford Croft, B.A.	1938
Twelftree, Colin Croft, B.D.S.	1967
Twelftree, Robert Spencer, B.Sc.	1963
B.Ec.	1966
Twidale, Charles Rowland, Ph.D. (McGill, 1957)	1960
Twining, John William, B.Sc.	1967
Twist, Raymond Frank, B.Sc.	1960
Twopeny, John Richard Nowell, B.E.	1952
Tyas, Margaret Elizabeth, B.Sc. (London, 1905)	1905
Tye, Wan Pin, B.Sc.	1963
Tyler, Donald Henry, B.E.	1947
Tymons, Clement James, B.D.S.	1945
Tymons, Frances Teresa, M.B., B.S.	1953
Tynan, Arthur Ernest, B.Sc.	1955
Tynan, Alan Robert, B.Sc.	1965
Tyson, Angus Gordon, M.Sc. (B.Sc., 1949)	1954
Tyson, Donald Gordon, B.A.	1968
Tzerefos, John Con, B.Sc.	1966

## U

U. Yong Ee, B.E.	1967
Ukkrapandian s/o Sankaran, B.Sc.	1966
Ulrichs, Jolanta, B.A.	1963
Underdown, Helen Margaret, B.A.	1966
Underdown, Reginald Edward, M.Sc. (B.Sc., 1952)	1958
B.Tech.	1959
Underwood, John Alic, B.Tech.	1965
Ungar, Emeric Imre, M.B., B.S.	1952
Upton, Alethea Mary, Mus.Bac.	1941
* Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919)	1935
Urban, Ernest, B.E.	1952
M.B., B.S.	1957
Urban, Evelyn, B.A.	1968
Urban, Friedrich, M.B., B.S.	1942
Urban, Marianne, M.B., B.S.	1958
Urban, Regina, B.D.S.	1942
Urban, Thomas, B.Ec.	1966
Urch, Ian Harold, B.Sc.	1967
Ure, Constance Douglas, B.Sc.	1930
Ure, Gwendolen Helen, LL.B.	1923
Uren, Anthony John, B.Ec.	1960
Urmonas, Leonas Rudolf, B.Arch.	1967
Urmonas, Roumualdas, B.E.	1958
Urnevicius, Stanislovas Vincentas, B.Sc.	1967
Urwin, Jack Robson, Ph.D. (B.Sc., 1950)	1954
Ushack, Rodney Guy, B.Tech.	1967
Usher, Alan Bruce Grant, B.E.	1955
Usher, Emilie Pauline, B.A.	1950

## V

Vachlas, Zafrios, B.Tech.	1959
Vale, David John, B.A.	1966
Valente, Leonard Joseph, M.B., B.S.	1958
Vallee, Ronald Peter, B.A.	1966
Vallo, George, B.Ec.	1966
Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952)	1953
Van Bronswyk, Wilhelm, Ph.D. (B.Sc., 1963)	1968
Vance, Christina Elizabeth, B.Sc.	1935
van Daal, Lambertus Martinus Maria, B.Tech.	1964
Vanderhoek, Gilah Chaja, B.A.	1963
Van der Pennen, Hubertus Marinus Cornelis Jozef, B.Tech.	1963
Van der Sluys, Jay, B.A.	1967
* van Deth, Klari, B.A.	1965
Van Deth, Johannes Hendrikus Martinus Godfried, M.D. (Amsterdam, 1939)	1961
Van Dongen, Robert, B.Med.Sc.	1963
M.B., B.S.	1966
van Dulken, Thomas Bernhard, B.Sc.	1964
Van Gelder, Malcolm Montague, B.Tech.	1958
Van Kapel, Hendrik Hendrikus, B.E.	1957
van Riet, Johan Joop, B.Tech.	1965
Van Senden, Raymond Redvers, B.E.	1924
Van Steenis, Dick, M.B., B.S.	1959
Van Steenis, Helen, M.B., B.S.	1959
Van Steveninck, Reinhard Ferdinand Matthias, Ph.D. (London, 1961)	1965

\* Deceased



Wallace, Dean Kingsley, B.Ec.	1964	Ward, James Robert Hawthorne, B.Arch.	1966
Wallace, Donald, B.A.	1939	Ward, Jean Russel, B.A.	1939
Wallace, Frank Kenneth, M.B., B.S.	1934	Ward, June, B.A.	1967
Wallace, Malcolm Maxwell, M.B., B.S.	1959	Ward, Kevin James, LL.B.	1949
Wallace, Peter James, B.A.	1968	Ward, Leonard Keith, B.E. (Sydney, 1903)	1913
Wallace, Peter Richard, M.E. (B.E., 1961)	1966	D.Sc.	1926
B.Sc.	1967	Ward, Leonard Rosslyn, B.E.	1932
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	1958	Ward, Margaret Hawthorne, B.Sc.	1958
Wallace, Sir Robert Strachan, M.A. (Oxford)	1926	Ward, Margaret Kennings, B.A.	1947
Waller, Peter Francis, B.Sc.	1965	Ward, Mary Josephine, B.A.	1968
Wallman, Ian Stuart, M.B., B.S.	1947	Ward, Michael, LL.B.	1963
Wallman, James Douglas Robson, M.B., B.S.	1951	Ward, Richard Owen, LL.B.	1966
Wallman, Leigh Stuart, M.B., B.S.	1940	Ward, Robert Arthur, B.Tech.	1965
Wallman, Neil Stuart, M.B., B.S.	1944	Ward, Robert Hayes, LL.B.	1936
Wallman, Nugent Horton, LL.B.	1937	Ward, Russel Braddock, M.A. (B.A., 1936)	1950
Wallman, Rex Horton, B.D.S.	1951	Warden, Mark Cunningham, B.Ec.	1961
Wallman, Richard John Robson, M.B., B.S.	1951	Warden, Robert Douglas Cunningham, LL.B.	1951
Wallmann, Douglas Robson, M.B., B.S.	1918	Wardle, Elizabeth, B.Sc.	1964
Wallmann, Reginald Horton, LL.B.	1907	Wardle, Margaret, B.A.	1966
Walls, Patricia Carole, B.Sc.	1968	Wardrop, Alan Haig, LL.B.	1964
Walmsley, Norman Stuart, B.D.S.	1952	Ware, Dorothy Alice, B.A.	1960
Walmsley, Robert Leitch Eric, M.B., B.S.	1920	Warburst, Barbara Wilfred, B.Sc.	1938
Walsh, Brian Richard, M.B., B.S.	1950	Warhurst, Dean Frank, B.Tech.	1961
Walsh, Christine Monica, B.Sc.	1968	Warhurst, Patricia Verco, M.B., B.S.	1966
Walsh, Dorothy Counley, B.A.	1921	Wark, Bruce Goodman, B.D.S.	1953
Walsh, Eleanor Wynn, B.Sc.	1964	Warmington, Ethne Helen, B.A.	1963
Walsh, Elizabeth Jan, B.A.	1956	Warne, Keith Raymond, B.Sc.	1959
Walsh, Esmond Thomas, M.B., B.S.	1926	Warner, John Raymond, B.A.	1959
Walsh, Frances Mary, B.A.	1931	Warner, John Robert, B.A.	1967
Walsh, Geoffrey Goode, B.E.	1959	Warner, Peter Morris, B.D.S.	1965
Walsh, Graham, B.Tech.	1966	Warrell, Elizabeth Marilyn, B.Sc.	1968
Walsh, John Alfred, M.B., B.S.	1963	Warren, Barry John, B.Sc.	1963
Walsh, John Francis Anthony, M.B., B.S.	1955	Warren, Barry Thomas, B.Arch.	1963
Walsh, Kevin Gerald, LL.B.	1932	Warren, Christopher Michael, B.E.	1964
Walsh, Margaret Mary, B.A.	1951	Warren, Donald Hampton, B.A.	1942
Walsh, Peter Colin, LL.B.	1965	Warren, Ian Douglas, B.Tech.	1965
Walsh, Phillipa Barbara, B.A.	1967	Warren, John Robin, M.B., B.S.	1961
Walsh, Reginald Clarence, B.E.	1925	Warren, Richard Kenneth, LL.B.	1965
Walsh, Robert Leo, B.Sc.	1967	Warren, Sidney Lilla, B.A.	1915
Walsh, Valerie Mary, B.A.	1964	Wassermann, Vicarius Daniel, Ph.D.	1965
Walter, Barbara Katherine, B.A.	1963	Wastell, John Ernest, B.E.	1964
Walter, Bryan Robert, B.Sc.	1963	Wasty, Ghulam Husain, M.B., B.S.	1961
Walter, Denys, B.Ec.	1955	Waterhouse, Edward John, B.Ag.Sc.	1953
Walter, Harold Noel, B.E.	1936	Waterhouse, George Saville, B.A.	1955
Walter, Hilda Blanche May, M.A., (B.A., 1913)	1915	Waterhouse, Louis David, LL.B.	1914
Walter, Jack Richard, B.Ec.	1968	Waterhouse, Ronald Greaves, M.B., B.S.	1952
Walter, Malcolm Ross, B.Sc.	1965	Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908)	1909	Waterman, Ewen Leith, B.Ec.	1965
Walters, Francis Victor Charles, B.E.	1953	Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
B.Ec.	1962	Waterman, Pamela Frances, B.A.	1966
Walters, George Henry, LL.B.	1936	Waterman, Trevor Roy, M.B., B.S.	1963
Walters, Max Norman Isadore, M.B., B.S.	1954	Waters, Colin, Arthur, B.App.Sc.	1968
Walters, Philip Gray, B.Sc.	1967	Waters, Ernest Bertram, B.Tech.	1961
Walters, Stephanus Sebastian, Ph.D.	1967	Waters, John Bascomb, LL.B.	1967
Walters, William Allen Willcox, M.B., B.S.	1956	Waters, Peter Robert, B.E.	1967
Waltham, Francis Frederick Bowering, B.Tech.	1959	Waters, Russell Kyle, B.A.	1949
Walton, Bruce Adrian, B.Sc.	1945	Waterson, Ian Craig, B.Sc.	1964
Walton, Geoffrey Norman, B.E.	1960	Waterson, John Gabriel, Ph.D. (B.D.S., 1945)	1968
Walton, Gertrude Mary, B.A.	1904	Watkins, Brenton John, B.Sc.	1968
Walton, Shirley-Anne Campion, B.A.	1956	Watkins, Charles Thomas, LL.B.	1907
Walton, Sydney Malcolm, B.A.	1968	Watkins, Edward Hanmer, M.E. (B.E., 1959)	1960
Walz, Joseph Michael, B.A.	1945	Watkins, John Leslie, B.E.	1933
Wan, Kwok Kuen, B.D.S.	1961	Watkins, Keith James, B.Sc.	1967
Wan, Kun Yiu, M.B., B.S.	1962	Watkins, Roger Murray, B.Ec.	1967
Wan, Yun, B.Sc.	1966	Watkins, Trevor William, B.Tech.	1964
Wang, Kenneth Kun, B.Sc.	1966	Watkinson, Mavis Daphne, B.A.	1937
Wangel, Anders Gustaf, M.D. (M.B., B.S., 1959)	1965	Watson, Arthur John, M.B., B.S.	1953
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Watson, Brian, B.E.	1953
Wannan, Ellen Sarah, B.Sc.	1930	Watson, Christopher Lex, B.Ag.Sc.	1957
Warburton, George Bruce, B.Sc.	1961	Watson, David John, B.E.	1961
Ward, Alan Joseph, M.A. (Connecticut, 1960)	1966	Watson, David Stanley, B.Sc.	1954
Ward, Arthur David, Ph.D. (Wellington, 1962)	1966	Watson, Donald Robert, B.E.	1951
Ward, Brian John, B.A.	1968	Watson, George Michael, M.B., B.S.	1936
Ward, Cyril Michael, M.A. (B.A., 1910)	1912	Watson, Graeme Douglas, B.A.	1957
Ward, Denby Harcourt, M.E. (B.E., 1955)	1961	Watson, Ian Craig, B.Tech.	1967
Ward (nee Claridge), Evelyn Dorothy, B.Sc.	1935	Watson, Ian Miller, B.Tech.	1966
Ward, Geoffrey Grant, M.B., B.S.	1955	Watson, Ian Morse, B.A.	1964
Ward, Gerald Michael, LL.B.	1949	Watson, Janet Kaye, B.A.	1966
Ward, Guthrie Lloyd, B.Tech.	1963	Watson, John Champion, B.E.	1956
Ward, Harry Lancelot, B.A.	1920	Watson, Joyce, B.A.	1937
		Watson, Judith Leslie, B.Sc.	1968
		Watson, Kenneth Graham, M.B., B.S.	1953
		Watson, Margaret Arden, B.Sc.	1940
		Watson, Michael John, B.A.	1968
		Watson, Patricia Bali, M.B., B.S.	1952

\* Deceased

Watson, Richard Wyndham, M.B., B.S. - -	1962
Watson, Ruth, M.Sc. (B.Sc., 1934) - - -	1938
Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939) - - -	1945
Watt, Fanny Eileen, M.A. (B.A., 1927) -	1930
Wattchow, Colin Edward, B.A. - - -	1949
Watters, Roger Allan, B.Sc. - - -	1962
Watts, Christopher Henry Stuart, B.Sc. -	1962
Watts, Clive Graham, B.Sc. - - -	1968
Watts, Edith Isabel, B.A. - - -	1935
Watts, Gerald Allan, B.A. - - -	1968
Watts, Norman Clarence, B.E. - - -	1956
Watts, Robin John, LL.B. - - -	1959
Watts, Ruth Emily, B.A. - - -	1949
Watts, John Clyde, B.Sc. - - -	1949
Watts, Thea Rosemary, B.Sc. - - -	1968
Wauchope, Diana D'Este, B.Sc. - - -	1949
Wauchope, Diosma Marie, B.A. - - -	1923
Wauchope, Frederick John, B.Sc. - - -	1930
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - -	1924
Wauchope, Mary Ruth, B.Ag.Sc. - - -	1965
*Wauchope, Mavis Lorelie, M.A. (B.A., 1923)	1936
Waugh, David McBride, B.E. - - -	1959
Waugh, Heather Joan, B.A. - - -	1967
Waugh, William McDonald, B.A. - - -	1951
Wawryk, Stefan, B.E. - - -	1961
Way, Leslie Edward, B.Sc. - - -	1949
Way, Neville James, M.B., B.S. - - -	1948
Way, Thomas Hubert, B.E. - - -	1952
Waye, Leonie Margaret, B.Arch. - - -	1968
Waye, Peter Neil, LL.B. - - -	1951
Wear, Cyril Frederick, B.Tech. - - -	1967
Wearing, Alexander James, M.A. (B.A., 1963) - - -	1967
Wearne, Enid Lois, B.A. - - -	1948
Weaver, Michael Pryor, B.Tech. - - -	1964
Weaver, Ronda Josephine, B.Sc. - - -	1968
Webb, Arthur Liddon, M.B., B.S. - - -	1922
Webb, Bruce Phillip, M.Sc. - - -	1954
Webb, Donald Barry, B.Ec. - - -	1964
Webb, Elizabeth Mary, B.A. - - -	1966
Webb, Emmaline Nancy, B.A. - - -	1949
Webb, Graham Thomas, B.Sc. - - -	1968
Webb, Jennifer, B.A. - - -	1968
Webb, John Edward, B.Sc. (Eng.) - - -	1942
Webb, John Newton, M.B., B.S. - - -	1917
Webb, Kenneth Alfred, B.E. - - -	1953
Webb, Mary Gwendoline, B.A. - - -	1937
Webb, Rita Gwendoline, B.A. - - -	1930
Webber, Allan Thomas, B.Sc. - - -	1966
Webber, Brian John, B.Sc. - - -	1959
Webber, Carolyn Ann, B.Sc. - - -	1966
Webber, Colin Russell, B.E. - - -	1952
Webber, Ian Ernest, B.E. - - -	1957
Webber, Ian James, B.A. - - -	1961
Webber, Kevin Graeme Andrew Guy, B.A.	1966
Webber, Muriel Esme Jill, B.A. - - -	1957
Webber, Ronald Thomas John, B.Ag.Sc. -	1948
Webbing, Donald D'Arcy, Ph.D. (B.Sc., 1950) - - -	1966
M.B., B.S. - - -	1955
Webster, Ashley Donald, B.E. - - -	1967
Webster, Louise Betty, B.Sc. - - -	1962
Webster, Lyndon Leonard, B.A. - - -	1967
Webster, Raymond Murray, B.Sc. - - -	1938
Webster, Stanley George, M.B., B.S. - -	1951
Webster, Wilfred Grant, B.Sc. - - -	1949
Wee, Tin Sun, B.Ec. - - -	1967
Weetman, Alan Russell, M.B., B.S. - - -	1951
Wege, Dieter, Ph.D. (B.Sc., 1962) - - -	1967
Wegener, Clemens Frederick, B.Sc. - -	1949
Wegener, Malcolm Eric, B.A. - - -	1966
Wegener, Richard Albert, B.E. - - -	1948
Wei, Hon Yin, Stephen, M.D.S. (B.D.S., 1962) - - -	1966
Weidenbach, Neil, B.Sc. - - -	1954
Weidenhofer, Robert Napier George, B.D.S.	1965
Weigold, Erich, B.Sc. - - -	1958
Weigold, Helmut, Ph.D. (B.Sc., 1960) - -	1966
Weigold, (nee Thomas), Josephine Anne, Ph.D. (B.Sc., 1960) - - -	1966
Weir, Harold Gibson, B.A. - - -	1968
Weir, Isobel, B.A. - - -	1914
Weir, Maxwell Brett, B.E. - - -	1962
Weir, Ronald Colin, B.Sc. - - -	1959
Weiss, Alan Austin, Ph.D. (B.Sc., 1950) -	1955
Weiss, Donald Eric, D.Sc. (B.Sc., 1945) -	1960
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - -	1941
Weissman, Gerhard, B.Tech. - - -	1958
Welbourn, Alan Egerton, B.E. - - -	1937
Welbourn, Barbara Egerton, B.Sc. - - -	1941
Welbourn, Eleanor Egerton, B.A. - - -	1948
Welbourn, Roger Michael Egerton, M.Sc. (B.Sc., 1964) - - -	1966
Welch, Arthur Walter Sydney James, M.B., B.S. - - -	1923
Welch, Frank Edison, M.B., B.S. - - -	1936
Welch, Frank William, M.B., B.S. - - -	1967
Welch, Graham Walter, M.B., B.S. - - -	1965
*Welch, Horace Henry Eric, B.E. - - -	1938
Welch, Howard Walter, M.B., B.S. - - -	1954
Welch, Ian Donald, M.B., B.S. - - -	1960
Welch, Neil Rodney, B.A. - - -	1966
Welch, Richard Gilmore, M.B., B.S. - -	1966
Welch, Robert Frank Edison, B.D.S. - -	1966
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901) - - -	1901
Welford, David William, B.Sc. - - -	1968
Welford, John Peter, B.E. - - -	1965
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950) (M.B., B.S., 1958) - - -	1954
Weller, Keith Russell, Ph.D. (B.E., 1960) -	1962
Weller, Raymond Alfred, B.Sc. - - -	1948
Weller, Theo Rudolf, B.Sc. - - -	1967
Wellington, Hugh Kennedy, B.E. - - -	1948
Wellington, Robert Paul, B.Sc. - - -	1967
Wellington, Ronald Guy, B.Ec. (B.Com., Melbourne, 1950) - - -	1966
Wells, Barbara Gordon, M.B., B.S. - - -	1951
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951) - - -	1959
Wells, Clarence Gordon, M.B., B.S. - - -	1921
Wells, David Alexander, B.Sc. - - -	1968
Wells, Elizabeth Anne, B.A. - - -	1949
Wells, Elizabeth Wynne, B.A. - - -	1934
Wells, Gregory Samuel, B.Sc. - - -	1959
Wells, John David, B.Sc. - - -	1966
Wells, Judith Helen, B.A. - - -	1964
Wells, Julian Richard Este, Ph.D. (B.Ag.Sc., 1959) - - -	1964
Wells, Kathleen Margaret, B.Sc. - - -	1962
Wells, Margaret Elisabeth, B.A. - - -	1963
Wells, Margaret Suzanne, B.A. - - -	1953
Wells, Peter, M.B., B.S. - - -	1960
Wells, Peter John, B.E. - - -	1963
Wells, Roderick Tucker, B.Sc. - - -	1968
Wells, William Andrew Noye, LL.B. - - -	1945
Welsh, James Oglesby, B.A. - - -	1948
Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921) - - -	1924
Wemyss, Robert John, B.Ec. - - -	1960
Wendelborn, Lawrence Cyril, B.A. - - -	1962
Wenham, Muriel, B.A. - - -	1954
Wennerbom, Alan John, B.Sc. - - -	1956
Wennerbom, Barrie Campbell, B.A. - - -	1961
Wenzel, Robert William, B.D.S. - - -	1968
Werchon, Kathryn, M.B., B.S. - - -	1966
Were, John Owen, B.A. - - -	1933
Were, Keith Francis, B.A. - - -	1961
Wesley Smith, Adeline Rutherford, B.A. (R.U.T., 1904) - - -	1934
Wesley Smith, Henry Elliott, B.A. (Clerk of the Senate) - - -	1936
Wesley Smith, John Jeremy, B.Mus. - - -	1965
Wesley Smith, Martin, B.Mus. - - -	1965
Wesley Smith, Sheila Isabel, B.A. - - -	1944
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926) - - -	1949
Wesson, Roy Harold, B.E. - - -	1965
West, Alan William, LL.B. - - -	1957
West, Alfred Lutwyche, B.Tech. - - -	1961
West, Anne Hamilton, B.A. - - -	1968
West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - -	1897
West, Bruce Oswald, Ph.D. (B.Sc., 1948) -	1954
West, Doris Marjorie, B.A. - - -	1921
West, Eric Stodden, B.Sc. - - -	1921
West, Esmond Frank, M.B., B.S. - - -	1922
West, Graham Peet, M.B., B.S. - - -	1961
West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946) - - -	1961
West, John Burnard, M.D. (M.B., B.S., 1952)	1959

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West, John Stanley, B.E. (B.Sc., 1907, surrendered)	1914
West, Keith Robert, B.Sc.	1965
West, Leonard Roy, M.B., B.S.	1934
West, Patricia Joan, B.A.	1961
*West, Reginald Arthur, M.A. (B.A., 1902)	1905
West, Richard Frederick, B.E.	1962
West, Robert Frank, M.D. (M.B., B.S., 1935)	1949
West, Rosemary Ruth, M.B., B.S.	1954
West, Stephen John, B.Sc.	1963
West, Warren Kenneth, B.E.	1966
Wester, Lyndon Leonard, B.A.	1967
Westerman, Franklina Sisley, B.D.S.	1946
Westerman, Roderick Alan, M.B., B.S.	1954
Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929
Westley, John French Hebbart, B.E.	1957
Westley, Shirley Judith, B.Ec.	1963
Weston, Frank Keith, B.A.	1950
M.B., B.S.	1957
Westphalen, John Arthur, B.Sc.	1950
Westphalen, Kenneth John, M.B., B.S.	1953
Westwood, Christine Walpole, B.A.	1968
Westwood, William Dickson, Ph.D. (Aberdeen, 1962)	1966
Weymouth, John Arthur, B.E.	1967
Whalan, Jillian, B.A.	1968
Whalan, Lionel Walter, B.A.	1948
Wharhurst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	1945
Wheat, Michael Geoffrey, B.Sc.	1964
Wheatley, Frederick William, B.A. (D.Sc.)	1904
	1913
Wheatley, Roderick Alwyn, M.B., B.S.	1964
Wheaton, Geoffrey Brendan, B.E.	1956
Wheaton, Malcolm Alfred, M.B., B.S.	1954
Wheaton, Neville Alistair, B.E.	1956
Wheaton, Neville Kingsley, B.Sc.	1957
Wheaton, Robert Timothy, B.Ag.Sc.	1964
Wheaton, Russell Norman, B.Sc.	1952
B.Ec.	1966
Wheeler, Harry Winslow, B.Sc.	1929
Wheeler, Pauline Anne, M.B., B.S.	1966
Wheeler, Reginald John, M.B., B.S.	1930
Whelan, John Thomas, B.Ec.	1952
Whelan, Peter John, B.Ec.	1967
Whelan, Robert Ford, M.D. (Belfast, 1951)	1958
Whibley, Cyril George, B.E.	1927
*Whillas, Geoffrey French, B.Sc.	1946
Whillas, Jean Kathleen, M.A. (B.A., 1947)	1952
*Whitburn, Jack, B.A.	1931
White, Allan James Risley, B.Sc.	1952
White, Anthony Hopper, B.Sc.	1951
White, Brian Ross, B.Sc.	1947
White, Elizabeth Alice, B.A. (Mus.Bac.)	1956
	1959
	1963
White, Francis Peter, LL.B.	1950
White, Francis Richard, B.D.S.	1960
White, Geoffrey Fowler, B.Ec.	1968
White, Graham Keith, B.Sc.	1960
White, Hedley John, B.E.	1950
White, Helen Jennifer, B.Sc.	1968
White, Helena Victoria, B.A.	1934
White, Henry Douglas, B.A.	1943
White, James Gilmore Hall, Ph.D.	1966
White, James Michael, LL.B. (B.A.)	1951
	1956
White, Joan Hazel, M.B., B.S.	1935
White, John Baron, M.E. (B.E., 1949)	1967
White, Joseph Charles, B.Ec.	1955
White, Joyce Winifred, B.A.	1945
White, Kenneth Elsdon, B.E.	1948
White, Leeson Desmond, B.E.	1957
White, Marion Joyce, B.A.	1967
White, Maureen Therese, B.Sc.	1956
White, Mervil John, M.B., B.S.	1967
White, Michael Leonard, B.E.	1956
White, Miles Dominic, B.Sc.	1967
White (nee Healy), Nora Kate, B.A.	1939
White, Pamela Jean, B.Sc.	1968
White, Peter Yelland, B.Sc.	1967
White, Phyllis, B.Sc. (Sydney, 1920)	1922
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
White, Ray Baron, B.E.	1942
White, Richard William Grenville, B.E.	1963
White, Roderick James, LL.B.	1958
White, Rodney Gordon, M.B., B.S.	1949
White, Ruth Baron, B.Sc.	1942
White, Stanley Noel, B.A.	1953
White, Suzanne Lisbeth, B.A.	1968
White, Thomas Charles Raymond, Ph.D.	1967
White, Wilfred Allan, B.Ec.	1942
White, Wilfred Caristan Jurs, B.Sc.	1948
White, William Richard Bolitho, B.E.	1932
Whitehead, Donald Henry, B.A. (Oxford, 1954)	1959
Whitehead, Lindsay Paul, B.Sc.	1967
Whitehead, Millicent Alma, B.A.	1949
Whitehorn, John Clifford, B.Sc.	1968
Whitehouse, Joseph Chenoweth, M.B., B.S.	1953
Whitelaw, Albert James, B.Sc. (B.A.)	1929
	1937
Whitread, Barry, B.Sc.	1964
Whiteway, Graham Eric, B.Sc.	1967
Whitford, Anthony Kenneth, B.Sc.	1967
Whitford, Desmond Joseph, B.E.	1953
Whitford, Patricia Mary, B.A.	1940
Whitford, Raymond Frank, M.B., B.S.	1953
Whitford, Richard Dean, B.Tech.	1965
*Whiting, Clyde Taylor, B.A.	1931
Whiting, John Harold, M.B., B.S.	1961
Whiting, Malcolm John, B.Sc.	1968
Whiting, Peter Arthur, B.Sc.	1953
Whittington, Anne, B.A.	1950
Whittington, Anthony Frank, B.A.	1967
Whittington, Joan, B.A.	1933
*Whittington, Louis Arnold, LL.B.	1911
Whittington, Richard Smallpiece, LL.B.	1935
Whitman, Gerald Caleb, B.Sc.	1952
Whitrow, Ian Russell, B.Tech.	1967
Whitrow, John Leslie, B.Sc.	1965
	1967
Whittaker, Ian Arnold McDonald, Ph.D. (M.Ag.Sc., 1964)	1966
Whitten, Graham Frederic, M.Sc.	1967
Whittenbury, Barry Maxwell, M.B., B.S.	1963
Whittington, Peter Rowland, B.A.	1968
Whittle, Alick William Green, Ph.D. (B.Sc., 1945, M.Sc., 1948)	1968
Whittle, Andrew Philip, B.Sc.	1968
Whittle, Barry Valentine, B.Tech.	1965
Whittle, Christopher Playford, Ph.D. (B.Sc., 1958)	1962
Whittle, Donald George, B.E.	1936
Whittle, Edith Julia, B.A.	1950
Whittle, Harry Reed, B.E.	1952
Whittle, James Latimer, B.E.	1952
Whittle, Richard Latimer, LL.B.	1954
Whitworth, Neville Richard, B.App.Sc.	1967
Whyatt, David George, B.Tech.	1966
Whyte, Jean Primrose, B.A.	1952
Whyte, Penelope Christina, B.Sc.	1968
Whyte, Phyllis Primrose, B.A.	1952
Wiadrowski, Ian Barrie, B.E.	1957
Wiadrowski, Maxwell Alfred Anton, B.A.	1937
Wibberley, Brian, B.E.	1951
Wibberley, Brian William, B.Sc. (M.B., B.S.)	1911
	1914
Wibberley, David John, M.B., B.S.	1956
Wibberley, Hermia Mary, B.A.	1941
Wibberley, Judith, B.A.	1952
Wicker, Maxine Kay, LL.B.	1965
Wickes, Lewis Charles, Mus.Bac.	1964
Wickes, Neil Bruce, B.Tech.	1962
Wickes, Robyn Anne, B.A.	1966
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946
Wickins, Eugene Paul, B.Sc.	1967
Wickins, Robert James, LL.B.	1968
Wicks, David Frank, LL.B.	1960
Wicks, Frederick Ralph, M.B., B.S.	1933
Wicks, Graham Ralph, M.B., B.S.	1954
Wicks, Norman Stephen Price, M.B., B.S.	1947
Wicks, Rodney Henry, M.B., B.S.	1962
Wicks, Trevor Jon, B.Ag.Sc.	1968
Widmer, Sidley, B.A.	1966
Wiencke, George Edwin, B.Tech.	1959
Wien-Smith, Geoffrey, M.B., B.S.	1915
Wiese, Margaret Helen, B.A.	1958
Wiese, Ralph Clayton, B.Sc.	1963
Wieser, Othmar Heinrich Jakob, B.A.	1962
Wiesner, Clarence Jack, B.Sc.	1935
Wigan, John Leonard Cleveland, B.E.	1959
Wigan, Leonard James Cleveland, B.E.	1921
Wigg, Carolyn Ann, B.Arch.	1963
Wigg, David Ross, M.B., B.S.	1960

\* Deceased



Wigg, Hugh Higham, B.E.	1960	Williams, Dorothy Theresia, B.A.	1935
Wigg, Neil Thornburn Melrose, M.B., B.S.	1925	Williams, Edith Dawn, B.A.	1961
Wigg, Philip Melrose, B.Ag.Sc.	1960	Williams, Eirene Mary, B.A.	1907
Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945	Williams, Eric, B.A.	1967
Wigglesworth, Sidney Thomas, B.E.	1959	Williams, Eric Hill, B.Ec.	1963
Wight, Albert James, B.E.	1936	Williams, Foster Neil, B.Ec.	1962
Wight, Albert Raymond, B.E.	1914	Williams, Garth David, B.Sc.	1948
Wight, Hillier Clement, B.E.	1933	Williams, George Esson Keith, M.A. (B.A., 1937)	1947
Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929)	1962	Williams, George Mervyn, B.Sc.	1953
Wight, M.E. (B.E., 1930)	1937	Williams, Graham Norman, B.Mus.	1967
Wight, Robert Lewis, M.B., B.S.	1963	Williams, Harold Richard Michael, LL.B.	1953
Wighton, Dugald Craven, M.B., B.S.	1953	Williams, Haydn Moore, B.A. (Wales, 1948)	1967
Wighton, Helen Craven, B.A.	1938	Williams, Horton Clement, LL.B.	1956
Wighton (nee Blackburn), Rosemary Neville, B.A.	1945	Williams, Ian Geoffrey, B.A.	1966
Wigley (née Mitchell), Gail Rosalind, B.Sc.	1966	Williams, Ian James, B.E.	1961
Wigley, Joan Frances, B.A.	1968	Williams, Ian Russell, B.App.Sc. (B.Tech., 1963, surrendered)	1965
Wigley, Tom Michael Lampe, Ph.D. (B.Sc., 1960)	1968	Williams, Jennifer Elizabeth, B.A.	1961
Wigman, Johannes Ludovicus Albertus, B.Sc.	1968	Williams, Joan Beatrice, B.A.	1948
Wignall, Douglas Ronald, B.A.	1948	Williams, John Anthony Rex, M.B., B.S.	1966
Wignall, Jeffrey John, B.Sc.	1967	Williams, John Geoffrey, B.Tech.	1965
Wilcher, Lewis Charles, B.A.	1929	Williams, Kenneth Douglas, B.Ec.	1955
Wildy, John Edward, B.Sc.	1965	Williams, Lesley Lavern, B.A.	1967
Wildy, Ralph Alderman, B.E.	1938	Williams, Kevin Graham, B.Sc.	1958
Wildy, Robert Lister, B.Sc.	1963	Williams, Lindsay Hale, LL.B.	1945
Wiley, John Arthur, B.A.	1967	Williams, Lyall Richard, Ph.D. (B.Sc., 1961)	1965
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951	Williams, Mabel Evangeline, M.A. (B.A., 1906)	1916
Wilhelm, Leslie Robert, B.A.	1963	Williams, Mark, B.Sc.	1967
Wilhelm, Walter Gerhard, B.E.	1953	Williams, Martin John, M.B., B.S.	1958
Wilkes, Alfred John, B.Sc.	1962	Williams, Maxwell Richard, B.E.	1965
Wilkins, Alexander McGregor, B.Tech.	1964	Williams, Michael, Ph.D. (Wales, 1960)	1961
Wilkins, Anthony Charles, B.Sc.	1967	Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Williams, Owen Clarke, B.Ec.	1963
Wilkins, Noel Aldridge, B.Ec.	1958	Williams, Philip Glenly, B.A.	1941
Wilkins, Ray Eber, B.A.	1948	Williams, Philip Mark, B.E.	1951
Wilkinson, Charles Harold, B.Tech.	1964	Williams, Ralph, B.Sc.	1914
Wilkinson, David James, B.Sc.	1968	Williams, Raymond Clarence, B.Sc.	1959
Wilkinson, Donald Cameron, B.A.	1952	Williams, Rhonda Joan, B.Sc.	1965
Wilkinson, Eoin Howitt, M.A. (Chicago, 1960)	1962	Williams, Robert Francis, D.Sc. (M.Sc., 1934)	1957
Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1958	Williams, Roger John, B.Sc.	1962
Wilkinson, Harold Callan, B.E.	1931	Williams (nee Hotten), Roma Olive, B.A.	1941
Wilkinson, Helen Rosemary, B.A.	1964	Williams, Rona Lynette, B.A.	1960
Wilkinson, Herbert John, B.A.	1914	Williams, Ronald John Chantler, B.A.	1964
M.D. (Sydney, 1930)	1934	Williams, Rosemary, B.Sc.	1956
Wilkinson, Malcolm Keith, B.E.	1967	Williams, Roy Ernest, M.Sc.	1953
Wilkinson, Maxwell, B.Tech.	1962	Williams, Spencer, M.A. (B.A., 1927)	1930
Wilkinson, Philip Lodwick, M.B., B.S.	1965	Williams, Trevor Barrie, B.D.S.	1967
Wilkinson, Philomena Mary, B.A.	1949	Williams, Valerie Ann, B.Pharm.	1968
Wilkinson, Robert Stuart, M.B., B.S.	1939	Williams, Valerie Noel, M.Sc.	1968
Wilkinson, Stewart Rex, B.A.	1950	Williams, Vivienne June, B.Sc.	1955
Wilkinson, Thomas Lancelot, B.Sc.	1925	Williams, Walter Leslie, B.A.	1940
Wilksch, Betty Ruth, B.A.	1949	Williams, William Ian, B.Sc.	1967
Wilksch, John Charles, B.E.	1962	Williams, Winifred Teresa, M.B., B.S.	1963
Wilksch, Lois Ruth, B.A.	1960	Williams, Zena Vera, B.A.	1940
Wilksch, Michael Vincent, B.Sc.	1963	Williamson, Alan Arthur Martin, M.B., B.S.	1963
Wilksch, Philip Anthony, B.Sc.	1968	Williamson, Arthur Edward, B.E.	1953
Willats, Kerrie Ann, B.A.	1967	Williamson, Benjamin Raymond, B.Tech.	1959
Willcocks, Robert Douglas, B.Sc.	1951	Williamson, Catherine Patricia, B.A.	1963
Willenborg, Jacobus Ruthgerus, B.App.Sc.	1966	Williamson, David Aubrey, M.B., B.S.	1951
Williams, Alfred Francis James, LL.B.	1964	Williamson, Geoffrey Lea, B.Sc.	1956
Williams, Anne Elizabeth, M.B., B.S.	1966	Williamson, Hugh Angus, LL.B.	1955
Williams, Anthony Fyfe, B.Sc.	1968	B.A.	1956
Williams, Arthur Charles, B.Sc.	1950	Willing, Charles Eric, M.B., B.S.	1928
Williams, Arthur Evan, M.B., B.S.	1914	Willing, Richard Lyall, M.B., B.S.	1954
Williams, Baden George, Ph.D. (B.Ag.Sc., 1953)	1966	Willington, Clayton Louis, M.B., B.S.	1955
Williams, Brian Arthur, B.Sc.	1968	Willington, John Mattinson, B.E.	1951
Williams, Bruce Rodda, M.A.	1944	Willington, Lloyd Stanley, B.A.	1950
Williams, Caroline Margaret, B.A.	1915	Willis, Enid Valmai, B.A.	1968
Williams, Christobel Mary, B.Sc.	1941	Willis, James Charles, B.A.	1966
Williams, Claire Easton, B.A.	1968	Willis, John, B.A. (Melbourne)	1952
Williams, Colin Hale, D.Sc. (B.Sc., 1941; M.Sc., 1948)	1965	Willis, Richard John, M.B., B.S.	1967
Williams, Darrell Andrew, B.Sc.	1964	Willmott, Josiah Percival, B.Sc.	1907
Williams, David Reginald Glyndwr, Ph.D. (B.App.Sc., 1961) (B.Tech., 1959, surrendered)	1965	Willoughby, Donald Ross, B.Sc.	1960
Williams, Dawn Ellen, B.A.	1963	Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947
Williams, Dinah Ann, B.A.	1968	Willoughby, Jane Sumner, M.B., B.S.	1966
Williams, Donald Carter, B.A.	1933	Willoughby, John Osborne, M.B., B.S.	1968
LL.B.	1935	Willoughby, Roger George, M.D.S. (B.D.S., 1938)	1953
Williams, Donald Newbery, B.D.S.	1954	Wills, Caroline Marie Agnew, B.A.	1951
		Wills, Lindsay Arthur, B.A.	1953
		Willsmore, Elsie Victoria, Mus.Bac.	1918
		Willsmore, Hurdle Binks, B.Sc.	1916
		Wilmshurst, Errol Glen, M.B., B.S.	1963
		Wilmshurst, John Maurice, B.Sc.	1965

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Wilmshurst, Maurice George, B.A.	1934	Wiskich, Joseph Tony, Ph.D. (Sydney, 1962)	1965
Wilmshurst, Ronald Escott, B.Tech.	1961	Wissell, Stewart Gordon, B.A.	1949
Wilsdon, Geoffrey Frank, B.Tech.	1959	Withall, Marilyn Dumas, B.A.	1966
Wilson, Jennifer May, B.A.	1966	Withers, Brian Edmund, LL.B.	1967
Wilson, Peter John, B.Sc.	1965	Witsenhuysen, Alfred Louis, B.A.	1964
Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947	Witt, Erik Hans, B.E.	1929
Wilson, Andrew Bray Cameron, LL.B.	1959	Wittenoom, Robert Horne, M.B., B.S.	1954
Wilson, Avis Jean, B.Sc.	1956	Wittwer, Edward Allan, B.Sc.	1965
Wilson, Brenda Ruth, B.A.	1950	Wittwer, Elizabeth Lorraine, B.A.	1965
Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899)	1900	Wittwer, Ivan Donald, B.A.	1951
Wilson, Charles Graham, M.B., B.S.	1947	Wohling, Theodore Charles, B.Tech.	1960
Wilson, Christopher John, B.E.	1961	Woldt, David Fredrick, B.Sc.	1967
Wilson, Colin Leslie, B.Sc. (Eng.)	1944	Wolke, William Henry, B.E.	1936
Wilson, David John, B.Sc.	1968	Wojciechowski, Zygmunt Steven, M.B., B.S.	1968
Wilson, Dennis de Courcy, M.B., B.S.	1949	Wolanski, Bohdan Stanislaus, B.Sc.	1962
Wilson, Derek Finlay, LL.B.	1936	Wolcick (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	1959
Wilson, Doris May, B.A.	1938	Wollaston, Elise Margaretta, Ph.D. (B.Sc., 1955)	1967
Wilson, Edward Peter, M.B., B.S.	1951	Wollaston, Jocelyn Mary, B.Sc.	1950
Wilson, Elizabeth Jane, B.A.	1968	Wollaston, Terence Cornthwaite, B.E.	1956
Wilson, Elizabeth Mary, B.A.	1966	Womersley, Hugh Bryan Spencer, D.Sc. (M.Sc., 1947; Ph.D., 1952)	1960
Wilson, Geoffrey Palmer, B.Ec.	1958	Womersley, John Spencer, B.Sc.	1945
Wilson, Gordon Samuel, B.Sc. (Eng.)	1944	Wong, Heung-Kwong, B.Ec.	1966
Wilson, Helen Margaret, B.Sc.	1957	Wong, Peter Chee Nam, M.B., B.S.	1952
Wilson, Ian Bonython Cameron, LL.B.	1955	Wong, Kam Peng, B.Sc.	1962
Wilson, Ian Stewart, Ph.D. (B.Sc., 1957)	1963	Wong, Kum Yew, B.E.	1962
Wilson, Jack Woodrow, B.Sc.	1936	Wong, Sweeney Gloria, B.Sc.	1966
Wilson, James Beith, B.A.	1906	Wong, Yee Ngan, B.A.	1967
Wilson, Jennifer Marjorie, B.A.	1966	Wong, Yew Kooey, B.E.	1967
Wilson, John Grenell, M.B., B.S.	1949	Wong, Yit-Sing, Francis, B.Arch.	1967
Wilson, John Stewart, M.B., B.S.	1952	Wood, Alistair Edward Rose, B.E.	1954
Wilson, Keith Cameron, LL.B.	1922	Wood, Allen Edwin, B.A.	1944
Wilson, Keith John, M.B., B.S.	1952	Wood, Colin James, B.A.	1950
Wilson, Laurence Algernon, M.B., B.S.	1918	Wood, Eileen Mary, B.A.	1968
Wilson, Laurence Leigh, M.B., B.S.	1956	Wood, Florence Catherine, B.A.	1938
Wilson, Luther Ernest Crosby, B.Sc. M.A.	1926	Wood, Glen Lewis, B.Sc.	1968
Wilson, Maureen Norma, B.Sc.	1962	Wood, Henry Lambert, M.Sc.	1941
Wilson, Mollie Jean, LL.B.	1935	Wood, Howard Arthur, B.Tech.	1965
Wilson, Murray James, B.Sc.	1964	Wood, John Frederick, B.A.	1968
Wilson, Nicholas Michael, B.A.	1955	Wood, Judith Ann, B.A.	1950
Wilson, Patricia Margaret, Ph.D. (B.Sc., 1960)	1967	Wood, Keith William, B.Sc.	1966
Wilson, Paul Graham, M.Sc.	1968	Wood, Murray Bowering, M.B., B.S.	1939
Wilson, Penelope Ann, B.Sc.	1966	Wood, Philip Barclay, Mus.Bac.	1938
Wilson, Peter Robert, M.B., B.S.	1965	Wood, Rae Lynette, B.A.	1968
Wilson, Philippa Morag, B.A.	1958	Wood, Richard Thomas McRae, B.Ag.Sc.	1966
Wilson, Richard Edward, B.E.	1967	Wood, Rosemary Anne, B.A.	1955
Wilson, Richard Frank, M.B., B.S.	1967	Wood, Trevor Ronald, B.Sc.	1966
Wilson, Richard Peter, M.B., B.S.	1965	Wood, William Kenneth, B.Ec.	1964
Wilson, Richard Thomas Clifford, B.Sc.	1964	Wood, William Morris, B.Tech.	1967
Wilson, Robert Bruce, B.Sc.	1950	Wood, William Robert, B.A.	1968
Wilson, Robert Kevin, M.B., B.S.	1937	Woodard, Charles Ernest, B.A.	1933
Wilson, Roger Maxwell, LL.B.	1962	Woodard, Charles Garrard, LL.B.	1952
Wilson, Trevor Gordon, D.Phil. (Oxford, 1959)	1960	Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952)	1954
Wilson, Valerie Joy, B.A.	1952	Woodburn, John Arnold, B.E.	1964
Wilson, William Fraser, B.Sc.	1943	Woodburn, John Ronald, B.Ec.	1968
Wilton, David John, B.Tech.	1963	Woodgate, Elizabeth Ann, B.A.	1960
Wilton, Donald Edward, B.Tech.	1959	Woodger, Gwenneth Godwin, LL.B.	1941
Wilton, Dorothy Clyde, B.Sc.	1940	Woodham, Barbara Elizabeth, B.A.	1941
Wilton, John Barrett, B.Sc.	1950	Woodhead, William Robert, B.Arch.	1968
Wincey, Cynthia Weaver, B.Sc.	1949	Woodhouse, Lawrence Ralph, B.Sc.	1954
Wincen, Kenneth Varley, B.E.	1952	Woodhouse, Roy, LL.B.	1950
Winckel, Ronald Robert, B.App.Sc.	1965	Woodlands, Peter Ian, B.Tech.	1965
Windle, Doris Sophia, B.A.	1941	Woodman, Stanley Kenneth, B.E.	1934
Winefield, Anthony Harold, Ph.D. (London, 1962)	1963	Woodroffe, Alice, B.Sc.	1964
Winkler, Arthur Edmund, B.Sc. (Eng.)	1943	Woodroffe, Alison Elizabeth, B.A.	1962
Winnall, Christopher Charles, LL.B.	1967	Woodroffe, Keith, B.Ag.Sc.	1937
Winnall, Nancy Eleanor, B.Sc.	1919	Woodroffe, Philip, B.A.	1960
Winstanley, John Harold, B.Mus.	1967	Woodroffe, Gwendolyn Marion, M.Sc. (B.Sc., 1940)	1944
Winter, Beatrice Erwine, B.A.	1955	Woodroffe, Kathleen, Ph.D. (M.A., 1948; B.A., 1940)	1962
Winter, Karl Berthold, M.B., B.S.	1942	Woodrow, Brian Douglas, B.Tech.	1960
Winter, Maxwell Hugh, B.A.	1966	Woodrow, John Templer, B.A.	1968
Winter, Robert John, B.Sc.	1964	Woodruff, Peter William Harold, M.B., B.S.	1966
Winter, William Graham, B.Sc.	1938	Woodruff, Philip Scott, M.D. (Melbourne, 1939)	1957
Winton, Berna Kathleen, B.A.	1953	Woods, Arthur Frederick, M.B., B.S.	1957
Winton, Rodney James, B.Tech.	1963	Woods, Bryan John, B.Sc.	1968
Winwood, William Weston, B.E.	1926	Woods, Charles William Griffin, M.B., B.S.	1939
Winzor, Donald John, Ph.D. (B.Sc., 1956)	1961	Woods, David Griffin, M.B., B.S.	1968
Winzor, Isobel Frances, B.A.	1965	Woods, Julian Gordon Tenison, LL.B.	1918
Wise, Carole Margaret, B.A.	1966	Woods, Nelly Hooper, M.A. (B.A., 1928)	1930
Wise, Peter Hermann, M.B., B.S.	1959	Woods, Peter John, B.Tech.	1965
Wiseman, Carole Whenan, M.B., B.S.	1967	Woods, Richard Vynne, B.Sc.	1947
Wiseman, Michael, B.Sc.	1967	Woods, Walter Head, B.Sc.	1968
Wiseman, Roger, B.Sc.	1965		
Wishart, Dean, B.Tech.	1961		

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Woods, Warren Bruce, B.A. - - - -	1958
Woodward, Barbara, B.A. - - - -	1944
Woodward, Colin Holmes, B.E. - - - -	1952
Woodward, Jack Lionel, M.E. (M.A.Sc., Toronto, 1952) - - - -	1968
Woodward, Oliver Gordon, B.Sc. - - - -	1950
Woolcock, Ann Janet, M.B., B.S. - - - -	1961
Woolcock, Collin Elwyn, M.Sc. (B.Sc., 1936) - - - -	1945
Woolcock, Rosslyn James, M.B., B.S. - - - -	1927
Woodridge, Alan Frank, B.Sc. - - - -	1947
Woolford, Donald Henry, B.Tech. - - - -	1965
Woolhouse, Harold William, Ph.D. (B.Sc., Reading, 1955) - - - -	1960
Woolhouse (nee Sherwood), Leonie Marie, B.Sc. - - - -	1958
Woollicott, Henry Mark, B.A. - - - -	1966
Woolley, Anthony John, B.Sc. - - - -	1966
Woolley, Terance George, B.Sc. - - - -	1967
Woolnough, Geoffrey Lawrence, B.E. - - - -	1929
Woolnough, Harold, B.A. - - - -	1906
Woolven, John Robert, B.A. - - - -	1967
Worden, John Maxwell, B.Sc. - - - -	1965
Worden, Margaret Anne, B.A. - - - -	1965
Work, Kenneth Frank, B.Sc. - - - -	1959
Worley, Donald Stuart, B.D.S. - - - -	1956
Worley, Grant Robert, B.Ec. - - - -	1964
Worley, Roderick Tom, Ph.D. (B.Sc., 1963) - - - -	1967
Worrall, Barry Brenton, B.A. (Western Australia, 1963) - - - -	1968
Worrall, Wendy Deirdre, B.A. - - - -	1967
Worsfold, Kaye, B.A. - - - -	1968
Worsnop, Elsie Madeline, M.A. (B.A., 1907) - - - -	1913
Worthington, Charles Roy, Ph.D. (B.Sc., 1951) - - - -	1956
Worthington, Mary Elizabeth, B.A. - - - -	1966
Worthington, Richard John, M.B., B.S. - - - -	1968
Worthington, Terence Anthony, LL.B. - - - -	1968
Worthley, Boyce Wilson, M.Sc. (B.Sc., 1939) B.A. - - - -	1944
Worthley, Lindsay Ian Grant, M.B., B.S. - - - -	1941
Worthley, Sandra, B.Sc. - - - -	1968
Worthley, Seymour Richard, M.Sc. (B.Sc., 1940) - - - -	1964
Wray, Stephen Donald, B.Sc. - - - -	1968
Wreford, Robert Simon, B.E. - - - -	1964
Wride, Raymond Walter, B.A. - - - -	1968
Wright, Alan Darcy, B.Sc. - - - -	1965
Wright, Angus Stanley, B.Sc. - - - -	1933
Wright, Anne, B.A. - - - -	1967
Wright, Anthony John, B.Sc. - - - -	1961
Wright, Barrie James McGregor, B.A. - - - -	1966
Wright, Christine Mary, B.A. - - - -	1962
Wright, David William Robert, B.D.S. - - - -	1967
Wright, Donald Ian, B.A. - - - -	1956
Wright, Edna May, B.A. - - - -	1938
Wright, Frederick Kenneth, B.E. (B.Met.E., Melbourne, 1946) - - - -	1963
Wright, George Andrew, B.A. - - - -	1954
Wright, Jillian Meredith, B.A. - - - -	1963
Wright, Jeffrey John, B.D.S. - - - -	1965
Wright, John Frederick, LL.B. - - - -	1953
Wright, Jonathan Courtney George, B.Ec. (B.Com., Melbourne, 1959) - - - -	1962
Wright, Leslie McLean, LL.B. - - - -	1935
Wright, Lewis Garner, LL.B. - - - -	1891
Wright, Lyle Mason, B.Sc. - - - -	1956
Wright, Norman Harvey, B.A. - - - -	1927
Wright, Richard George, B.Sc. - - - -	1966
Wright, Robert John, B.Sc. (Eng.) - - - -	1949
Wright, Russell Francis, B.E. - - - -	1953
Wu, Ching Keong, M.Sc. - - - -	1968
Wu, Ching Rhu, Christine, B.Sc. - - - -	1963
Wudarczyk, Zbigniew Piotr, B.Sc. - - - -	1968
Wullenweber, Bruno, M.B., B.S. - - - -	1964
Wurfel, Lois Jessie, M.B., B.S. - - - -	1955
Wurm, Bertram Eric, M.B., B.S. - - - -	1920
Wurm, John Sinclair, M.B., B.S. - - - -	1960
Wurm, Roger Sinclair, M.B., B.S. - - - -	1947
Wyatt, David Francis, B.A. - - - -	1964
Wyatt, Desmond Robert, B.Sc. - - - -	1967
Wyatt, Glenn Frank, B.Tech. - - - -	1967
Wyatt, Roger Arnold, B.E. - - - -	1965
Wyett, Ernest Stanley, B.Ec. - - - -	1961
Wylie, Donald Kingston, B.Tech. - - - -	1961
Wylie, John Richard, B.Sc. - - - -	1951
Wyllie, Geoffrey Gurner, M.B., B.S. - - - -	1948
Wyllie, Robert Gurner, M.B., B.S. - - - -	1948
Wymond, Alonzo Pearse, M.Sc. (B.Sc., 1949) - - - -	1951
Wyndham, Christopher Robert Charles, M.B., B.S. - - - -	1967
Wyndham, Robert Alexander, B.Sc. (Sydney, 1934) - - - -	1938
Wynes, William Anstey, LL.D. (LL.B., 1929) - - - -	1933
Wyness, David John, LL.B. - - - -	1962
Y	
Yakhya, Mahmud Ukab, B.Ag.Sc. - - - -	1952
Yandell, John Kenneth, Ph.D. - - - -	1968
Yandell, Maxwell Benjamin, B.Tech. - - - -	1958
Yap, Lynette, B.A. - - - -	1966
Yap, Pak Khi, B.E. - - - -	1961
Yap, Pak Leong, B.Ec. - - - -	1958
Yap, Pak Vui, LL.B. - - - -	1966
Yarwood, Ronald Thomas, B.App.Sc. - - - -	1964
Yates, Charles, M.B., B.S. - - - -	1964
Yates, Colin, B.E. - - - -	1932
*Yates, Dorothy Alma, B.Sc. (Queensland, 1924) - - - -	1962
Yates, Lawrence Anthony, M.B., B.S. - - - -	1956
Yates, Neville Geoffrey, B.Ag.Sc. - - - -	1963
Yates, Percy Cocker, M.B., B.S. - - - -	1942
Yates, Reginald Colin, B.E. - - - -	1937
Yates, Thomas Morey, M.B., B.S. - - - -	1952
Yates, Tom Owen Richard, M.B., B.S. (Sydney, 1945) - - - -	1955
Yeap, L'Bea, B.A. - - - -	1962
Yeates, Barry Rupert, B.Tech. - - - -	1958
Yeatman, Christopher William, B.Sc. - - - -	1951
Yeatman, John Charleton, M.B., B.S. - - - -	1938
Yelland, David Rundle, B.Tech. - - - -	1966
Yelland, Geoffrey Playford, B.E. - - - -	1955
Yelland, Joan Mary, B.A. - - - -	1933
Yelland, Kathleen Norah, B.A. - - - -	1951
Yeo, Sebastian, B.E. - - - -	1961
Yeoh, Guan Hock, B.E. - - - -	1965
Yeomans, Frank Edward, B.Sc. - - - -	1961
Yeow, Kok Wah, B.E. - - - -	1965
Yin, James Chu Kee, M.B., B.S. - - - -	1954
Yip, Shing-Gave Andrew, B.D.S. - - - -	1960
Yiu, See Yu, Eric, B.D.S. - - - -	1965
Yiu, Sing-Mo, Samuel, B.D.S. - - - -	1966
Yong, Lin You, B.D.S. - - - -	1966
Yong, Poh Kon, B.E. - - - -	1963
Yong, Swee Kee, B.Sc. - - - -	1964
Yoong, He Len Patricia, M.B., B.S. - - - -	1960
Yoong, Hoi San, Elison, B.Sc. - - - -	1963
Yoong, Meow Foo, M.B., B.S. - - - -	1957
Yoong, Meow Fook, Paul, M.B., B.S. - - - -	1968
Young, Aileen, B.A. - - - -	1952
Young, Anthony David, B.E. - - - -	1962
Young, Caroline Agnes, B.A. - - - -	1949
Young, Christabel Marion, B.Sc. - - - -	1960
Young, Damian Peter, B.E. - - - -	1967
Young, David Anderson, B.Tech. - - - -	1963
Young, David Hastings, M.B. (Edinburgh) - - - -	1894
Young, Donald Scott, B.E. - - - -	1929
Young, Dorothy Kate, B.A. - - - -	1937
Young, Howard Brandwood, B.Tech. - - - -	1960
Young, Ian Campbell, B.Ec. - - - -	1964
Young, James Fairbairn, M.B., B.S. - - - -	1961
Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - -	1937
Young, Joan Margaret, B.A. - - - -	1964
Young, John David, B.A. - - - -	1968
Young, Josephine Helen, B.Sc. - - - -	1958
Young, Judith Barbara, B.A. - - - -	1968
Young, Kelvin Albert, B.Sc. (Eng.) - - - -	1949
Young, Malcolm John, B.Sc. - - - -	1965
Young, Mervyn Roy, B.Ec. - - - -	1967
*Young, Michael Quinn, B.Sc. - - - -	1940
B.E. - - - -	1945
M.B., B.S. - - - -	1952
Young, Murray Forster, B.Tech. - - - -	1965
Young, Noel Charles, B.A. - - - -	1967
Young, Phillip John, B.Ag.Sc. - - - -	1947
Young, Richard Scott, B.Ag.Sc. - - - -	1959
Young, Sir Frederick William, LL.B. - - - -	1897
Youngson, Robert Doig, B.Sc. - - - -	1967
Younkman, Landau, B.Sc. - - - -	1910
Yu Sheng Fong, M.B., B.S. - - - -	1958
Yu, Sheng-Wei, B.E. - - - -	1957
Yuen, Kwok Mun, B.Ec. - - - -	1967
Yuen, Wai Mun, M.B., B.S. - - - -	1957
Yuill, George Ashwin, LL.B. - - - -	1913
Yung, Richard Hin, M.B., B.S. - - - -	1960
Yung, Ying Chi, M.E. - - - -	1960

\* Deceased



## Z

Zabukovec, Victoria, B.A.	- - - - -	1966	Ziesing, Hugh David, B.E.	- - - - -	1959
Zacest, Rudolf, M.D. (M.B., B.S., 1963)	- - - - -	1968	Zimmermann, Helga, B.A.	- - - - -	1966
Zacest, Sylvia Mary, M.B., B.S.	- - - - -	1967	Zimmermann, Oleg, M.B., B.S.	- - - - -	1967
Zacharia, John, M.B., B.S.	- - - - -	1965	Zimmermann, Werner, B.E.	- - - - -	1965
Zacharia, William Vassilie, M.B., B.S.	- - - - -	1956	Zimmet, Jacob, M.B., B.S.	- - - - -	1942
Zadoroznyj, Ivan, B.Sc.	- - - - -	1968	Zimmet, Leon Vivian, M.B., B.S.	- - - - -	1967
Zaikos, Athanasios, M.B., B.S.	- - - - -	1968	Zimmet, Paul Zev, M.B., B.S.	- - - - -	1965
Zarins, Valdis, B.Arch.	- - - - -	1965	Zinnbauer, Alfred Freund, M.B.E., B.A.	- - - - -	1958
°Zawistowska, Irena Teresa, M.B., B.S.	- - - - -	1963	Zockel, Manfred, M.E. (B.E., 1962)	- - - - -	1967
Zdysiewicz, Jan Romuald, B.Sc.	- - - - -	1964	Zoppa, Orietta Elisabeth, M.B., B.S.	- - - - -	1964
Zegebros, Inara Maria, B.Sc.	- - - - -	1964	Zoratti, Alba Pierina, B.A.	- - - - -	1945
Zegebros, Raymond Erik, B.Tech.	- - - - -	1959	Zwar, John Arnold, M.Ag.Sc.	- - - - -	1952
Zeicman, Andris, B.Ec.	- - - - -	1967	Zwar, John David, B.A.	- - - - -	1968
Zeicmanis, Peter Fuxsis, B.A.	- - - - -	1968	Zwar, Susanne Mary, B.A.	- - - - -	1968
Zelling, Howard Edgar, LL.B.	- - - - -	1938	Zweck, Coral Joan, B.A.	- - - - -	1960
Zeltins, Andris Ivars, B.E.	- - - - -	1959	Zweck, John Everard, B.A.	- - - - -	1958
Zeppel, Frank Robert, B.A.	- - - - -	1950	Zweck, Wayne Theodore, B.A.	- - - - -	1965
Ziegler, Desmond Murray, B.Tech.	- - - - -	1961	Zwigulis, Maris, B.Sc.	- - - - -	1966
Ziesing, George Murray, M.Sc. (B.Sc., 1950)	1952		Zulkifli, bin Mohammed Duad, B.Tech.	- - - - -	1965
			Zurasikas, Tadas Algirdas, B.Tech.	- - - - -	1959
			Zwillenberg, Hans Joachim, B.A.	- - - - -	1962

° Deceased

## DEGREE OF DOCTOR OF DENTAL SCIENCE

Brown, Tasman - - - - -	1968	Fanning, Elizabeth Ann (New Zealand, 1960) - - - - -	1964
*Campbell, Thomas Draper - - - - -	1923	Moore, Arthur Pariss Reading - - - - -	1926
Edwards, Hurtle Thomas Jack - - - - -	1923		
Evans, Mervyn Wyke - - - - -	1943		

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## DEGREE OF DOCTOR OF LAWS

Bray, John Jefferson - - - - -	1937	Napier, Sir Thomas John Mellis (Melbourne) - - - - -	1959
*Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, (Cambridge, 1923) - - - - -	1926	Phillipson, Coleman (Manchester, 1908) - - - - -	1920
Copland, Sir Douglas Berry (McGill, Clark, Carleton, British Columbia) - - - - -	1958	Postle, Herbert Thomas (Melbourne, 1920) - - - - -	1922
Evershed, The Right Honourable Sir Francis Raymond (Melbourne, 1951) - - - - -	1951	*Richards, Sir Frederick William (London, 1896) - - - - -	1897
*Ligertwood, Sir George Coutts (Western Australia, 1963) - - - - -	1964	Rinfret, The Right Honourable Thibaudeau (McGill) - - - - -	1951
Mackail, John William (Edinburgh) - - - - -	1923	Slim, Field Marshal Sir William Joseph, (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England) - - - - -	1956
Menzies, The Right Honourable Robert Gordon (Melbourne) - - - - -	1961	Tucker, Harold Norman - - - - -	1947
		Wynes, William Anstey - - - - -	1933

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## DEGREE OF DOCTOR OF LETTERS

Andrew, Ray Vernon (Potchefstroom, 1960) - - - - -	1962	Piper, Herbert Walter - - - - -	1961
Bald, Robert Cecil - - - - -	1946	Rudé, George Frederick Elliott - - - - -	1967
Biaggini, Ernest Gordon - - - - -	1944	Smith, David Nichol (Cambridge) - - - - -	1951
Elliott, Brian Robinson - - - - -	1955	Trendal, Arthur Dale (New Zealand, 1936) - - - - -	1960
Pike, Douglas Henry - - - - -	1957		

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## DEGREE OF DOCTOR OF MEDICINE

Adey, William Ross - - - - -	1949	Dawson, Joseph Bernard (London, 1911) - - - - -	1920
Anderson, Kevin (London, 1951) - - - - -	1960	Day, Allan John - - - - -	1957
Arden, Felix Wilfred - - - - -	1934	Derrington, Arnold Ward - - - - -	1967
Ardlie, Neville Gordon - - - - -	1968	Donald, Gordon Frederick - - - - -	1963
Barbour, Robert Angus - - - - -	1962	Dunhill, Sir Thomas Peel (Melbourne, 1906) - - - - -	1935
Barter, Robert Alexander - - - - -	1958	Fairley, Neil Hamilton (Melbourne, 1917) - - - - -	1949
Bidstrup, Patricia Leslie - - - - -	1953	Fenner, Frank John - - - - -	1942
Binns, Raymond Thomas - - - - -	1937	Fewings, John David - - - - -	1966
Bonnin, James Arthur - - - - -	1955	*Florey, Baron; Howard Walter - - - - -	1944
Bonnin, Josiah Mark - - - - -	1947	Ford, Ronald Munro - - - - -	1956
Buttfield, Ian Holden - - - - -	1966	Fowler, Malcolm Charles - - - - -	1951
Carmichael, Graeme Galloway - - - - -	1964	Goldby, Frank - - - - -	1937
Catchpole, Bernard Newman (Manchester, 1959) - - - - -	1960	Gordon, John Vivian - - - - -	1949
Cawte, John Ewart - - - - -	1961	Gordon, Richard Douglas (Queensland, 1966) - - - - -	1967
Cheek, Donald Brook - - - - -	1953	Gouldhurst, Peter Richard Stuart - - - - -	1966
Cheney, Kevin - - - - -	1965	Greer, Henry Steven - - - - -	1966
Chinner, Melville Ernest - - - - -	1938	Gribble, Michael De Gruchy (D.M., Oxford, 1954) - - - - -	1966
Cilento, Sir Raphael West - - - - -	1922	Hackett, Cecil John - - - - -	1935
*Cockburn, Malcolm Turner - - - - -	1934	Hackett, William Earle Reginald (Dublin, 1949) - - - - -	1968
Colton, Robert Stirling - - - - -	1960	Hayward, John Lionel - - - - -	1936
Connor, Aileen Forsyth (Belfast, 1963) - - - - -	1965	*Highway, Freida Ruth (Sydney, 1939) - - - - -	1949
*Covernton, John Selby - - - - -	1947	Hetzl, Basil Stuart - - - - -	1949
Cramond, William Alexander (Aberdeen, 1954) - - - - -	1964	Hetzl, Kenneth Stuart - - - - -	1926
Craven, Dilys Mary - - - - -	1966	Hetzl, Peter Stuart - - - - -	1952
Crosby, Neil Daniel - - - - -	1951	Hicks, Sir Cedric Stanton - - - - -	1936
Crozier, John Edwin Digby (Cambridge, 1931) - - - - -	1932	Hicks, Neil Dennis - - - - -	1960

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\* Deceased

Hodge, Robert Ley - - - - -	1965	Poynton, John Orde (Cambridge, 1941) -	1948
Hoffman, Mervyn John - - - - -	1967	Reid, Ross Treloar Wishart - - - - -	1956
*Hone, Frank Raymond - - - - -	1923	Reissmann, Charles Henry (Cambridge,	
Ibbotson, Richard Neville - - - - -	1962	1902) - - - - -	1902
Jones, Richard Edmund Britten - - - - -	1948	Richards, Norman Alfred - - - - -	1951
Jungfer, Carl Clifford - - - - -	1949	Rowley, Derrick (London, 1957) - - - - -	1965
Last, John Murray - - - - -	1968	Ryan, Gerald Anthony - - - - -	1967
Lawton, John William Magarey - - - - -	1968	Sangster, Christopher Bagot - - - - -	1941
*Le Messurier, Frederick Neill - - - - -	1920	Schwartz, Colin John - - - - -	1959
London, Guy Austin - - - - -	1922	Scragg, Roy Frederick Rhodes - - - - -	1955
Lewis, Sir Aubrey Julian - - - - -	1931	Scroop, Garry Campbell - - - - -	1968
Lewis, Eric Henry - - - - -	1908	Sims, Eric Baldwin - - - - -	1948
Linn, Howard Wadmore - - - - -	1954	Skinner, Sandford Lloyd - - - - -	1962
Lykke, Athol William John - - - - -	1966	Sleeman, James Garnet - - - - -	1927
McCartney, James Elvins (Edinburgh, 1922)	1953	Smith, Ian Darian - - - - -	1956
McLarty, Thomas Leslie - - - - -	1947	Southcott, Ronald Vernon - - - - -	1957
Magarey, Frank Rees - - - - -	1941	Southwood, Albert Ray - - - - -	1920
Magarey, Ivan Sandilands - - - - -	1939	Southwood, Harry Milton - - - - -	1943
Martin, Ian Holland - - - - -	1952	*Swan, Charles Spencer - - - - -	1941
Matters, Reginald Francis - - - - -	1929	Swift, Sir Brian Herbert (Cambridge, 1936)	1936
Maxwell, George Morrison (Edinburgh,		Taylor, Michael Gleeson - - - - -	1956
1954) - - - - -	1960	Thiessen, Johannes Bernard (Freiburg,	
*Mayo, Helen Mary - - - - -	1926	1935) - - - - -	1938
Mellanby, Sir Edward (Cambridge) - - - - -	1951	Trethewie, Everton Rowe (Melbourne, 1939)	1944
Murrell, Timothy George Calvert - - - - -	1966	Van Deth, Johannes Hendrikus Martinus	
Nicholls, Edward Maxwell - - - - -	1968	Godfried (Amsterdam, 1939) - - - - -	1961
O'Connor, Richard Joseph - - - - -	1939	Wangel, Anders Gustaf - - - - -	1965
O'Connor, Walter John - - - - -	1938	Welby, Maurice Lindsay - - - - -	1962
Packer, Arthur Dudley - - - - -	1951	West, Joan Burnard - - - - -	1959
Pak Poy, Reginald Kenneth - - - - -	1960	West, Robert Frank - - - - -	1949
Paxon, Thomas Gordon (London, 1956) - - - - -	1961	Whelan, Robert Ford (Belfast, 1951) - - - - -	1958
Platt, Albert Edward - - - - -	1937	Wilhelm, Donald Lancelot - - - - -	1951
Plueckhahn, Vernon Douglas - - - - -	1961	Woodruff, Philip Scott (Melbourne, 1939)	1957
Poidevin, Leslie Oswyn Sheridan - - - - -	1960	Young, James Hannibal - - - - -	1937
Posen, Solomon - - - - -	1967	Zacest, Rudolf - - - - -	1968

## DEGREE OF DOCTOR OF MUSIC

*Bishop, John (Melbourne, 1963) - - - - -	1964	Peters, Jack Vernon (New Zealand, 1959)	1960
Burnard, David Alexander - - - - -	1932	Scarlet, Robert Dalley - - - - -	1934
Perkins, Horace James - - - - -	1943		

## DEGREE OF DOCTOR OF PHILOSOPHY

Abrahamson, Brian (Chicago, 1957) - - - - -	1966	Bell, Thomas Norman (Durham, 1957) - - - - -	1959
Acott, Brenton - - - - -	1968	Bennett, Brian Thomas - - - - -	1968
Aitchison, Gordon James - - - - -	1957	Bennett, Gregory William - - - - -	1966
Allden, William George - - - - -	1959	Bennett, John Henry (Cambridge, 1952) - - - - -	1957
Amos, Kenneth Albert - - - - -	1965	Best, Michael Robert - - - - -	1966
Anderson, John Julian - - - - -	1966	Biswas, Samarendra Nath - - - - -	1958
Anderson, John Robert (Cambridge, 1954) - - - - -	1966	Blake, Alastair Joseph - - - - -	1967
Anderssen, Robert Scott - - - - -	1968	Blanksby, Peter Ernest - - - - -	1968
Ansley, Ralph William (Alberta, 1963) - - - - -	1965	Blaskett, Alan Charles - - - - -	1968
Antcliffe, Gault Anderson - - - - -	1966	Boeree, Robert Machiel - - - - -	1964
Armstrong, John McDougall - - - - -	1963	Bowie, John Hamilton (Nottingham, 1964) - - - - -	1967
Arnold, Maurice - - - - -	1968	Brearely, Maurice Norman - - - - -	1958
Arthur, Neville Langsford - - - - -	1967	Brennan, Maxwell Howard (Sydney, 1958)	1964
Atkinson, Maurice Raymond (Tasmania,		Brett, Horace William Walter - - - - -	1957
1954) - - - - -	1960	Briggs, Basil Hugh (Cambridge, 1952) - - - - -	1963
Atwal, Avtar Singh - - - - -	1955	Brissenden, Alan Theo (London, 1962) - - - - -	1963
Auzins, Ieva - - - - -	1965	Brooks, David Stirling - - - - -	1968
Aylmore, Lance Arthur Graham - - - - -	1961	Brown, Laurence Binet (London, 1954) - - - - -	1958
Bailey, Alan - - - - -	1968	Brown, Raymond George (Birmingham,	
Bailey, Margaret Alison - - - - -	1968	1956) - - - - -	1959
Bainbridge, Alexander - - - - -	1966	Brown, Raymond George - - - - -	1966
Baker, Bruce George (Melbourne, 1962) - - - - -	1966	Brown, Roger Norman - - - - -	1959
Baker, Richmond Jeffrey - - - - -	1968	Brownell, Peter Ferguson - - - - -	1959
Barden, Ronald George - - - - -	1957	Browning, Thomas Oakley - - - - -	1951
Barker, Shelley (Western Australia, 1960) - - - - -	1965	Bull, Maxwell Kenneth (Southampton, 1963)	1965
Barlow, Bryan Alwyn (Sydney, 1960) - - - - -	1966	Burgoyne, Leigh Alexander - - - - -	1968
Barnes, Eric Stephen (Cambridge, 1952) - - - - -	1959	Burley, Simon Peter - - - - -	1965
Barrow, Kevin David - - - - -	1967	Burton, David Winn - - - - -	1968
Beckwith, Athelstan Laurence Johnson		Butcher, Ian Robert - - - - -	1965
(D.Phil., Oxford, 1956) - - - - -	1959	Buttery, Ronald Gordon - - - - -	1956

\* Deceased

Byrne, Osman Roy - - - - -	1963	Ericson, Leon Gordon - - - - -	1959
Caiger, Phillip - - - - -	1965	Esdaille, James Durie - - - - -	1965
Calder, Ian Campbell - - - - -	1966	Evans, Geoffrey William - - - - -	1965
Carpenter, James Alfred (Western Australia, 1962) - - - - -	1963	Evans, Samuel Islwyn (Sheffield, 1950) - - - - -	1961
Carter, Maurice Vernon - - - - -	1964	Everitt, Graham Charles - - - - -	1966
Carver, John Henry (Cambridge, 1953) - - - - -	1965	Falconer, Ian Robert (Aberdeen, 1960) - - - - -	1961
Cathro, Keith James - - - - -	1957	Fee, Warren William - - - - -	1962
Cattrall, Robert Walter - - - - -	1965	Ferguson, James - - - - -	1966
Cavenett, Brian Clifford - - - - -	1965	Fidge, Noel Hadden - - - - -	1965
Chambers, Stanley Crombie - - - - -	1967	Field, Graham John - - - - -	1964
Chandler, Graham Standford - - - - -	1966	Fielder, Donald Raymond - - - - -	1964
Charnock, John Stewart - - - - -	1962	Findlay, Geoffrey Putnam (Tasmania, 1963) - - - - -	1966
Cheuychit, Pradit - - - - -	1964	Finlay, Keith Warren (Western Australia, 1953) - - - - -	1961
Chick, Malcolm - - - - -	1965	Fisher, John Malcolm - - - - -	1966
Christie, Basil James Frederick - - - - -	1953	Fletcher, John - - - - -	1966
Clare, Dennis John - - - - -	1967	Fong, Lian Hern - - - - -	1968
Clare, Bruce Garnet - - - - -	1968	Forbes, Bryan George - - - - -	1956
Clark, Avon Maxwell (Cambridge, 1949) - - - - -	1964	Forsyth, Elliott Christopher (Docteur de l'Université, Paris, 1954) - - - - -	1955
Clark-Lewis, John William (Nottingham, 1951) - - - - -	1956	Francki, Richard Ignacy Bartłomiej (New Zealand, 1962) - - - - -	1968
Clarke, Allan Lawrence - - - - -	1967	Gagolski, Julian - - - - -	1955
Clarke, Rodney Max - - - - -	1968	Gale, Gwendoline Fay - - - - -	1962
Clegg, Michael John - - - - -	1968	Garrad, Kenneth (Cambridge, 1955) - - - - -	1966
Coates, John Hewlett - - - - -	1958	George, Robin John - - - - -	1968
Coghlan, Brian Laurence Dillon (Birmingham, 1957) - - - - -	1958	Gibberd, Robert William - - - - -	1968
Cole, Peter Harold (Sydney, 1964) - - - - -	1968	Gibbs, David Norris (London, 1955) - - - - -	1958
Collins, Frank Miles - - - - -	1962	Gilchrist, John Thomas (Leeds, 1957) - - - - -	1959
Colmer, John Anthony (London, 1955) - - - - -	1962	Gillion, Kenneth Lowell Oliver (Australian National University, 1959) - - - - -	1963
Colvill, Anthony John Ernest - - - - -	1964	Glow, Lotte - - - - -	1964
Cooper, Desmond Wishart - - - - -	1967	Glow, Peter Helmut (London, 1958) - - - - -	1960
Corbett, David Charles (McGill, 1954) - - - - -	1966	Good, Brian Francis - - - - -	1966
Corbett, John Vincent - - - - -	1966	Graham, Janet Scott Douglas (St. Andrews, 1956) - - - - -	1960
Cox, Ronald Ian (Edinburgh, 1952) - - - - -	1963	Gray, Neil Boon - - - - -	1963
Creeth, James Michael (London, 1948) - - - - -	1955	Gream, George Edward (Cambridge, 1961) - - - - -	1962
Crompton, Robert Woodhouse - - - - -	1954	Green, Lorna Mary Alexander - - - - -	1960
Crowcroft, William Peter (D.Phil., Oxford, 1954) - - - - -	1963	Greenland, Dennis James (Oxford, 1955) - - - - -	1960
Crowley, Desmond William (London, 1952) - - - - -	1960	Greenway, Hendrik - - - - -	1966
Crowley, Francis Keble (Melbourne, 1951) - - - - -	1965	Gregory, Alan Gower (Australian National University, 1962) - - - - -	1967
• Crowley, Neil Clarence - - - - -	1957	Gurr, Graham Edward - - - - -	1962
Culver, Roy Vernon - - - - -	1955	Guy, Robert William - - - - -	1966
Cunningham, Andrew Allan - - - - -	1968	Haefner, Paul Clifford (Leeds, 1957) - - - - -	1959
Dainis, Andrew - - - - -	1968	Haddad, Gerald Neil - - - - -	1968
Daily, Brian - - - - -	1957	Hale, Malcolm Robert - - - - -	1968
Dalziel, Francis Robert (Aberdeen, 1960) - - - - -	1963	Hall, Barbara Isabelle Herbert - - - - -	1956
Darskus, Rolf Ludwig - - - - -	1964	Hamdorf, Clifton John - - - - -	1957
Davis, Peter Stanislaus - - - - -	1968	Hamon, David Peter George (Southampton, 1962) - - - - -	1966
Deacon, Glen Berenger - - - - -	1962	Hancock, Keith Jackson (London, 1959) - - - - -	1960
de Beer, Jacobus Frederick - - - - -	1966	Hansen, Ian Alfred - - - - -	1956
de la Lande, Ivan Stanley (Melbourne, 1958) - - - - -	1959	Haq, Muhammad Shamsul - - - - -	1967
Della, Ernest William (Western Australia, 1963) - - - - -	1966	Harris, Charles Reginald Schiller (D.Phil., Oxford, 1924) - - - - -	1959
Denholm, William Thomas - - - - -	1960	Harris, Roger Lawrence Newton - - - - -	1964
Dennis, Barbara Joan - - - - -	1966	Harrison, Anthony Frederick - - - - -	1968
Dennison, Paul Anthony (Cambridge, 1967) - - - - -	1968	Hartwig, Mervyn Carl - - - - -	1967
Deshpande, Tryambak Laxmanrao - - - - -	1965	Hartwig, Robert Eduard - - - - -	1967
Diamantis, Alexander Adamantiou (London, 1958) - - - - -	1960	Hawker, John Seth - - - - -	1962
Dickson, Ronald Stanley - - - - -	1963	Hayman, David Lindsay - - - - -	1958
Dickson, Thomas John - - - - -	1968	Heath, Neil Stewart - - - - -	1955
Dillon, John Louis (Iowa, 1959) - - - - -	1961	Hedger, Joy West - - - - -	1965
Dineen, John Kenneth - - - - -	1957	Hewgill, Frank Richmond - - - - -	1955
Djakusumah, Taty Rahmatiah - - - - -	1965	Hills, Brian Andrew - - - - -	1967
Dodd, Lindsay Richard - - - - -	1965	Hiscock, Ian David - - - - -	1952
Dodman, Robert Louis - - - - -	1966	Holdsworth, Eric Spencer (Leeds, 1950) - - - - -	1959
Donnelly, Jillian Kay - - - - -	1966	Hooper, Andrew Wesley - - - - -	1968
Draper, Ronald Philip (Nottingham, 1953) - - - - -	1956	Hope, Alexander Beaumont (Tasmania, 1953) - - - - -	1966
Drewer, Robert James - - - - -	1966	Hopwood, Timothy Paul (Sydney, 1967) - - - - -	1968
Duncan, Walter George Keith (London, 1930) - - - - -	1951	• Hossfeld, Paul Samuel - - - - -	1953
Dunlop, Peter John (Wisconsin, 1955) - - - - -	1959	Houssiadas, Lambros (Leeds, 1958) - - - - -	1961
Dunne, Michael Clarence - - - - -	1967	Howard, Colin - - - - -	1963
Edgar, John Alexander - - - - -	1965	Huang, Su-Eng - - - - -	1962
Edmonds, Stanley Joe - - - - -	1958	Hunt, Arnold Leighton - - - - -	1957
Edwards, David George - - - - -	1965	Huppatz, John Lawrence - - - - -	1964
Edwards, John Brian - - - - -	1968	Hurst, Charles Angas (Cambridge, 1952) - - - - -	1959
Edwards, Paul Julian (Tasmania, 1964) - - - - -	1965	Huxley, Sir Leonard George Holden (D.Phil., Oxford, 1928) - - - - -	1950
Egan, Adrian Roderic (Western Australia, 1965) - - - - -	1968	Hyder, Saiyed Zulfiqar - - - - -	1967
Eichler, Hansjoerg (Dr.rer.nat. (Halle-Wittenberg), 1950) - - - - -	1959	Illing, Robert Henry (Nottingham, 1962) - - - - -	1966
Elford, Malcolm Thomas - - - - -	1958	Inglis, Kenneth Stanley (D.Phil., Oxford, 1956) - - - - -	1957
Elford, William Graham - - - - -	1955	Inman, Ross Banks - - - - -	1960
Elix, John Alan - - - - -	1967	Jackman, Lloyd Miles - - - - -	1952
Ellerton, Hugh David - - - - -	1967	Jackson, David Ian - - - - -	1966
Ellerton, (née Gersch), Nerida Fay - - - - -	1967	Jackson, Graham Douglas Fischer - - - - -	1964
Elliott, David - - - - -	1961		

• Deceased

Jackson, John Flexmore - - - - -	1963	Madge, Paul Edward - - - - -	1956
Jamieson, Norman Clarke - - - - -	1967	Maelzer, Derek Alan - - - - -	1958
Jarrett, Frank George (Iowa, 1952) - - - - -	1955	Mainstone, John Sydney - - - - -	1959
Jeeves, Malcolm Alexander (Cambridge, 1957) - - - - -	1960	Mander, Lewis Norman (Sydney, 1965) - - - - -	1967
Jeffrey, Peter Dalrymple - - - - -	1965	Mannam, John (Birmingham, 1955) - - - - -	1960
Jeffries, Philip Reid (Sheffield, 1952) - - - - -	1953	Marinos, Nicos George - - - - -	1958
Jellinek, Hans Helmut Gunter (Cambridge, 1945) - - - - -	1951	Martin, Allan William (Australian National University, 1956) - - - - -	1965
Jenner, Colin Frederick (D.Phil., Oxford, 1962) - - - - -	1968	Martin, Maurice Leon - - - - -	1968
Jennings, Allen Charles - - - - -	1968	Martin, Peter Gordon - - - - -	1957
John, Ian David - - - - -	1968	Massey-Westrop, Ralph Alan (Manchester, 1958) - - - - -	1962
Johnson, Alan Rhodes (Leeds, 1953) - - - - -	1955	Mathieson, Marjorie Jean (Cambridge, 1950) - - - - -	1954
Johnson, Bruce (London, 1955) - - - - -	1956	Mathew, Ian George - - - - -	1960
Johnson, Robert Vincent (Manchester, 1952) - - - - -	1959	Matthews, Brian Wesley - - - - -	1964
Johnston, Lindsay Collinge - - - - -	1967	Mayne, Frederick (Witwatersrand, 1961) - - - - -	1962
Jolad, Shivanand Dundappa - - - - -	1967	Mayo, George Melrose Elton - - - - -	1957
Jonasson, Ian Roy - - - - -	1968	Mayo, Oliver - - - - -	1968
Jones, John Brett (Wisconsin, 1958) - - - - -	1960	Mazumdar, Jagannath (Moscow, 1965) - - - - -	1968
Jones, Richard Alan (Cambridge, 1960) - - - - -	1962	Meadows, Arthur Wilkes (London, 1951) - - - - -	1955
Jordine, Edmund St. Aubyn - - - - -	1966	Medlin, Edwin Harry - - - - -	1956
Jorgensen, Francis Richard Arthur - - - - -	1965	Melville, James (London, 1934) - - - - -	1956
Joshua, Chittoor Philip - - - - -	1968	Messel, Harry (National University, Ireland, 1946) - - - - -	1952
Kanef, Stephen Dimov - - - - -	1956	Messenger, Malcolm James - - - - -	1966
Kanwar, Jaswant Singh - - - - -	1954	Metchnik, Victor Ivor - - - - -	1963
Karim, Abdul - - - - -	1951	Michael, James Henry - - - - -	1957
Karmel, Peter Henry (Cambridge, 1948) - - - - -	1951	Michael, Peter William - - - - -	1959
Karthigasu, Kula Thungam - - - - -	1965	Miles, Peter Wallace (Cambridge, 1957) - - - - -	1959
Katekar, Gerard Frederick - - - - -	1962	Millard, Diane Lesley - - - - -	1968
Keats, Reynold Gilbert - - - - -	1966	Miller, David Ross (Melbourne, 1958) - - - - -	1967
Keck, Donald Bruce - - - - -	1958	Millard, Alison Adele (Sydney, 1953) - - - - -	1959
Kempster, Charles John Edgar (Cambridge, 1958) - - - - -	1960	Milligan, Brian - - - - -	1956
Kennedy, Gillian Ruth - - - - -	1963	Millington, Richard James - - - - -	1958
Kennedy, Stanley Wallace (Belfast, 1954) - - - - -	1957	Mills, Kingsley John - - - - -	1966
Kent, Heinz Sigfrid Koplowitz (Cambridge, 1955) - - - - -	1956	Mills, Richard Andrew - - - - -	1968
Kerr, Allen - - - - -	1956	Mills, Richard Graham John - - - - -	1968
Kerr, David Ian Bevis - - - - -	1954	Mitchell, Peter - - - - -	1966
Kijne, Jacob Willem (Utah, 1964) - - - - -	1965	Monro, John Malcolm - - - - -	1959
Kimber, Ronald Walter Lincoln - - - - -	1960	Morgan, Furness David (California, 1956) - - - - -	1959
Kinloch, Hector Gilchrist Lusk MacTaggart (Yale, 1960) - - - - -	1961	Moritz, Alan Gilbert - - - - -	1961
Kirchhoff, Gerhard Otto Paul (D.Phil., Freiburg, 1951) - - - - -	1966	Morrissy, Noel Michael - - - - -	1968
Kleeman, Alfred William - - - - -	1955	Mortimer, Peter Inkster - - - - -	1961
Knight, Ronald - - - - -	1965	*Morton, Robert Korford (Cambridge, 1952) - - - - -	1959
Koehndorffer, Paul Joachim Rudolf (Dr.Phil., Berlin, 1937) - - - - -	1965	Mulcahy, Dennis Esteourt - - - - -	1968
Korynyk, Wacwold - - - - -	1957	Muljadi, Djolomartono - - - - -	1965
Kowanko, Nicholas - - - - -	1961	Mumme, William Gustav - - - - -	1964
Krishnapillai, Vijayasehari - - - - -	1965	Murray, Andrew Walter - - - - -	1965
Kirusev, Tomas - - - - -	1958	Murray, Eric Lionel - - - - -	1962
Laby, Ralph Henry - - - - -	1964	Naim, Mohammad Aejaz - - - - -	1967
Laue, John Edgar - - - - -	1963	Nair, Vasudewan - - - - -	1966
Lange, Robert Terence (Western Australia, 1961) - - - - -	1963	Naylor, Robert - - - - -	1964
Langridge, John Balcombe - - - - -	1956	Nelson, Peter John - - - - -	1964
Laughlin, Roger (Durham, 1962) - - - - -	1968	Nesbitt, Robert William (Durham, 1961) - - - - -	1962
Laurence, Gerald Steven (Leeds, 1961) - - - - -	1962	Neville, Margaret Elisabeth Susan (Leeds, 1956) - - - - -	1959
Laurie, Ian Stott (Cambridge, 1962) - - - - -	1966	Newsome, Alan Eric - - - - -	1968
Lawrance, Robert - - - - -	1965	Nichol, Lawrence Walter - - - - -	1962
Lawry, Peter Sheldon - - - - -	1967	Nicholls, Peter Borden - - - - -	1963
Leifer, Michael (London, 1959) - - - - -	1960	Nicholls, Rodney Gordon - - - - -	1967
Lewis, David Gray - - - - -	1964	Nilsson, Carl Sigurd - - - - -	1965
Lewis, Graham Ethelbert - - - - -	1955	Nilsson, Neil Alfred - - - - -	1959
Leydon, Robert John - - - - -	1965	Niven, Barbara Susanna - - - - -	1968
Liljgren, David Roland - - - - -	1965	Nizamuddin, Mohammed - - - - -	1961
Lill, John Charles - - - - -	1962	Norrie, Douglas Hector - - - - -	1966
Lim, Khai Leang - - - - -	1965	Northote, Robert Stafford - - - - -	1964
Lincoln, Stephen Frederick - - - - -	1967	Novotny, Jaroslav - - - - -	1965
Loutit, John Stuart - - - - -	1955	Oades, John Malcolm (Leeds, 1962) - - - - -	1965
Loveday, Peter (Sydney, 1963) - - - - -	1966	O'Connell, Daniel Patrick (Cambridge, 1951) - - - - -	1953
Lovibond, Sydney Harold - - - - -	1962	O'Driscoll, Elliot Sylvester - - - - -	1965
Low, Beng See - - - - -	1963	Offler, Robin - - - - -	1967
Lowke, John James - - - - -	1964	Oliver, Robin Langford (Cambridge, 1954) - - - - -	1959
Lynch, Justin Joseph - - - - -	1956	Oram, Rex Neville - - - - -	1960
McCarthy, Ian Ellery - - - - -	1956	Osmond, Charles Barry - - - - -	1967
McCaskill, Murray (New Zealand, 1961) - - - - -	1966	Paleg, Leslie Godell (Iowa, 1955) - - - - -	1959
McCoy, Donald George - - - - -	1967	Panabokke, Christopher Rajendra - - - - -	1957
McCredie, Andrew Dalgarno (Hamburg, 1964) - - - - -	1966	Panter, Helen Christine - - - - -	1968
MacDonagh, Oliver Ormond Gerard Michael (Cambridge, 1952) - - - - -	1964	Parkin, Ian Andrew - - - - -	1968
McGowan, Brian - - - - -	1963	Parsons, Peter Gordon - - - - -	1967
McKellar, John Ralph - - - - -	1964	Patterson, John Howard - - - - -	1963
McKenzie, Allister Roy - - - - -	1967	Paul, David Brenton - - - - -	1967
MacKenzie, Euan Chisholm (Birmingham, 1964) - - - - -	1967	Pearce, Ronald Sandison - - - - -	1955
McLaughlin, Ian Leonard - - - - -	1966	Pearson, Kenneth Robert - - - - -	1968
		Penman, Thomas Oliver - - - - -	1962
		Penny, John Philip - - - - -	1966
		Pettit, Rowland - - - - -	1954
		Phillips, Colin Rex - - - - -	1968
		Pickles, John Martin (Cambridge, 1966) - - - - -	1968
		Pitman, Michael George (Cambridge, 1959) - - - - -	1963
		Pocock, Kenneth John - - - - -	1968

\* Deceased

Pomeroy, Derek Edmund	1967	Stephenson, John (London, 1964)	1965
Porter, Reginald Bernard	1966	Stern, Walter Ralph	1962
Posner, Alan Meyer (Cambridge, 1950)	1961	Stone, Brian James	1963
Potts, Barbara Phyllis	1956	Storer, Robin George	1964
Potts, Kevin Thomas (D.Phil., Oxford 1954)	1959	Stranks, Donald Richard (Melbourne, 1954)	1965
Prager, Rolf Herman (Sydney, 1963)	1965	Sutton, David John	1954
Pratt, Bryan Harry	1968	Sved, John Andrew	1966
Price, Clive Ellsworth (London, 1964)	1966	Swann, John Christopher	1967
Provine, Kenneth Alfred (Reading, 1958)	1963	Tait, Robert William Francis (Birmingham, 1943)	1954
Pullman, Brian James	1964	Talbot, James Lawrence	1964
Quirk, James Patrick (London, 1952)	1959	Talbot, Patrick Henry Brabazon (London, 1962)	1968
Radden, Brian Gray (London, 1959)	1962	Tan, Keng Yam, Tony	1968
Radok, Jens Rainer Maria (D.Ing., T.H. Munich, 1955)	1963	Tanzer, Christian Ignatius	1968
Rahman, Md. Mustafizur	1967	Tate, Max Edwin (New South Wales, 1961)	1965
Raison, John Kenneth	1964	Taylor, Brian Kenwyn	1967
Rajbhandary, Kamala Bhagat	1958	Taylor, Graham Frank	1967
Ramsay, George Caird	1964	Taylor, James Bruce	1965
Rao, Paluri Sundara	1967	Taylor, Max Ronald (Sydney, 1964)	1966
Rao, Ravindra Pratap	1966	Tejwani, Khubo Gianchand	1952
Rao, Velamury Raghavendra	1956	Teubner, Peter John Osmond	1968
Rawat, Rishi Ram	1958	Tharavanij, Savanat	1966
Rawson, Howard Miles	1968	Theng, Kian Goan, Benny	1965
Reade, Peter Clarence	1965	Thomas, Lindsay	1968
Redmond, John William	1968	Thompson, Anthony George	1966
Reeves, Leopold Hugh Duncan	1964	Thompson, Irving Alexander Anthony (Cambridge, 1965)	1966
Reid, Gordon Stanley (London, 1957)	1958	Thompson, Malcolm James	1958
Reinfelds, Juris	1963	Thomson, Keith Westhead (Washington, 1953)	1954
Reiss, James Allan	1968	Thonard, John Charles (Rochester, 1960)	1967
Reynolds, Bruce Leslie	1968	Tomlin, John Anthony	1968
Reynolds, Geoffrey Dennison	1968	Tomlin, Stanley Gordon (London, 1945)	1960
Richardson, Alan James	1967	Torop, Lee Walter (Stanford, 1967)	1968
Roach, John Robert	1966	Treloar, Francis Edward	1959
Roark, Bruce Archibald	1956	Trudinger, Philip Alan	1955
Robertson, David Stirling	1954	Turner, Keven James	1956
Robertson, James Struan (D.Phil., Oxford, 1948)	1950	Turner, Neil Clifford	1968
Robertson, William Godfrey Pitcher	1953	Twidale, Charles Rowland (McGill, 1957)	1960
Roe, Ernest	1964	Urwin, Jack Robson	1954
Rogers, George Ernest (Cambridge, 1957)	1963	Van Abbe, Derek Maurice (Melbourne, 1952)	1953
Rogers, William Percy (London, 1940)	1952	van Bronsvyk, Wilhelm	1968
Roper, Robert George	1963	Van Steveninck, Reinhard Ferdinand Matthias (London, 1961)	1965
Rudé, George Frederick Elliot (London, 1950)	1961	Virgo, David	1967
Rutland, Rupert William Roye (London, 1958)	1967	Von der Borch, Christopher Carl	1963
Sabine, John Robert (Illinois, 1962)	1968	Vu, The-Bao	1968
Saksena, Hari Krishna	1953	Vyborny, Rudolf (Dr. rer. nat., Prague, 1953)	1966
Sallis, John Dalwood	1964	Wace, Nigel Morrill (Belfast, 1961)	1962
Sandercoc, Edward Robert	1968	Wade, Keith Oliver	1968
Sanderson, John Gavin	1967	Wade, Mary Julia	1959
Santhirasegaram, Kandaswamy	1964	Walker, Ian Saville	1956
Sasse, Wolfgang Hermann Fritz	1957	Walters, Stephanus Sebastian	1967
Satchell, Geoffrey Harold (Leeds, 1945)	1963	Ward, Arthur David (Wellington, 1962)	1966
Schulz, Gerhard Ernst Otto (Dr. Phil., Leipzig, 1958)	1964	Wassermann, Vicarius Daniel	1965
Schwab, Gordon Ernest	1965	Waterson, John Gabriel	1968
Scott, Nigel Steele	1966	Webling, Donald D'Arcy	1966
Scott, Paul Raymond	1964	Wege, Dieter	1967
Searle, Graeme Hunter (Australian National University, 1964)	1967	Weigold, Helmut	1966
Sears, Douglas Barker (D.Phil., Oxford, 1949)	1965	Weigold (née Thomas), Josephine Anne	1966
Seymour, Patrick William (Australian National University, 1962)	1965	Weiss, Alan Austin	1955
Sheldon, John Charles (Nottingham, 1956)	1963	Weller, Keith Russell	1965
Shepherd, Kenneth William	1964	Wells, Julian Richard Este	1964
Siebert, Brian David	1968	West, Bruce Oswald	1954
Silsbury, James Henry	1967	Westwood, William Dickson (Aberdeen, 1962)	1966
Sinclair, Russell	1968	White, James Gilmore Hall	1966
Singh, Rajendra	1953	White, Thomas Charles Raymond	1967
Singh, Rudra Pratap	1962	Whittaker, Ian Arnold McDonald	1966
Singh, Uday Pratap	1968	Whittle, Alick William Green	1968
Skingle, Derek Charles	1968	Whittle, Christopher Playford	1962
Skinner, Helen Catherine Wild	1959	Wigley, Tom Michael Lampe	1968
Smeaton, John Richard	1968	Williams, Baden George	1966
Smith, Frank Andrew (Cambridge, 1965)	1968	Williams, David Reginald Glyndwr	1965
Smith, Terence Norman	1965	Williams, Lyaal Richard	1965
Smolicez, Jerzy Jaroslaw (Edinburgh, 1960)	1966	Williams, Michael (Wales, 1960)	1961
Smyth, Robert Walter	1960	Wilson, Ian Stewart	1963
Snow, Michael Robert (London, 1966)	1967	Wilson, Patricia Margaret	1967
Specht, Raymond Louis	1954	Wilson, Trevor Gordon (D.Phil., Oxford, 1959)	1960
Speden, Ross Noel (D.Phil., Oxford, 1963)	1965	Winefield, Anthony Harold (London, 1962)	1963
Spencer, Donald	1953	Winzor, Donald John	1961
Spotswood, Thomas McLeod	1960	Wiskich, Joseph Tony (Sydney, 1962)	1965
Srivastava, Virendra Kumar	1968	Wollaston, Elise Margareta	1967
Staker, Robert	1961	Womersley, Hugh Bryan Spencer	1952
Stanbury, Peter John Terence Cathcart	1963	Woodroffe, Kathleen	1962
Stearne, John McKenzie	1964	Woolhouse, Harold William	1960
		Worley, Roderick Tom	1967
		Worthington, Charles Roy	1956
		Yandell, John Kenneth	1968

\* Deceased

## DEGREE OF DOCTOR OF SCIENCE

Abbie, Andrew Arthur (Sydney, 1941) - - - -	1945	Jungerson, Hector Frederik Estrup (Cambridge, Mass., 1909) - - - -	1914
Alderman, Arthur Richard - - - -	1943	Juritz, Charles Frederick (Cape of Good Hope, 1907) - - - -	1914
Allen, Peter Edward Marshall (Birmingham,, 1963) - - - -	1964	*Lippay, Franz Rudolph - - - -	1950
Andrewartha, Herbert George - - - -	1947	Madsen, Sir John Percival Vissing - - - -	1907
Atkinson, Nancy - - - -	1957	*Marston, Hedley Ralph (A.N.U. 1957) - - - -	1959
Badger, Geoffrey Malcolm (Glasgow, 1949)	1950	Martin, Sir Charles James (London, 1896)	1931
Beck, Alan Beavis - - - -	1965	Martin, Sir Leslie Harold (A.N.U. 1951) - - - -	1967
Best, Rupert Jethro - - - -	1948	Mercer, Edgar Howard - - - -	1960
Birch, Louis Charles - - - -	1949	Nicholas, David James Donald (London, 1957) - - - -	1964
Black, John Nicholson - - - -	1965	Peirce, Alan Wilfred - - - -	1947
*Bosworth, Richard Charles Leslie - - - -	1938	*Pennycuik, Stuart Wortley - - - -	1923
Brose, Henry Herman Leopold Adolph - - - -	1931	Piper, Clarence Sherwood - - - -	1942
Brown, Ernest William (Cambridge, 1897)	1914	Price, James Robert - - - -	1954
Brown, Ian - - - -	1966	Pryor, Lindsay Dixon - - - -	1959
Burdon, Roy Stanley - - - -	1935	Pugsley, Albert Tonkin - - - -	1954
Butement, William Alan Stewart - - - -	1961	Radoslovich, Edward William - - - -	1968
Catcheside, David Guthrie (London) - - - -	1952	Reimann, Arnold Luehrs - - - -	1935
Conant, James Bryant (Sc.D., Columbia)	1951	Riceman, David Stirling - - - -	1959
Cooke, Raymond Greaver - - - -	1960	Robertson, Rutherford Ness (Sydney, 1961)	1963
Cornish, Edmund Alfred - - - -	1951	Ross, Alexander David (Glasgow)	1926
*Crowley, John Maxwell - - - -	1957	Roy, Alexander Bilton (Edinburgh, 1957)	1960
*Crocker, Robert Langdon - - - -	1948	Shannon, James Stanley - - - -	1968
Dawbarn, Mary Campbell - - - -	1959	Smith, Frank Berry - - - -	1937
Duncan, Robert Allan - - - -	1965	Sollas, William Johnston (Cambridge)	1914
Earl, John Campbell - - - -	1926	Southcott, Ronald Vernon - - - -	1962
*Fisher, Sir Ronald Aylmer (Sc.D., Cambridge) - - - -	1959	Spooner, Edgar Clynton Ross (Tasmania, 1946) - - - -	1949
*Florey, Baron; Howard Walter (Sheffield and Birmingham) - - - -	1963	Stephens, Charles George - - - -	1950
Glaessner, Martin Fritz (Melbourne, 1948)	1951	Stoate, Theodore Norman - - - -	1963
Green, Herbert Sydney (Edinburgh) - - - -	1952	*Swan, Charles Spencer - - - -	1947
Hansford, Clifford Gerald (Cambridge) - - - -	1952	Tiegs, Oscar Werner - - - -	1922
Hill, Arthur William (Cambridge, 1918) - - - -	1927	Todd of Trumpington, The Right Honourable Baron; Alexander Robertus Todd (Glasgow, 1938) - - - -	1965
*Howe, George William Osborn (Durham, 1914) - - - -	1914	*Trumble, Hugh Christian - - - -	1937
Hurst, Edward Weston (Birmingham, 1932)	1941	Weiss, Donald Eric - - - -	1960
Hutton, Edward Mark - - - -	1951	Williams, Colin Hale - - - -	1965
Isaacs, Susan Sutherland (Manchester, 1931)	1937	Williams, Robert Francis - - - -	1957
Iarrett, Ivan Gentry - - - -	1965	Womersley, Hugh Bryan Spencer - - - -	1960
Jauncey, George Eric MacDonnell - - - -	1922		
Jona, Judah Leon - - - -	1910		
Jordan, Dennis Oswald (London, 1953) - - - -	1955		

\* Deceased.

## GRADUATES WHO HAVE TAKEN HONOURS DEGREES

## HONOURS DEGREE OF MASTER OF ARTS

Ward, J. F., Classics	1908	Casson, L. F., English	1928
Paynter, R. H., Classics	1912	Holmes, E. L., LL.B., Philosophy	1928
Ellis, F., Mathematics	1913	Williams, F. E., Classics	1928
Potts, G. M., Classics	1915		

## HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE (INSTITUTED 1929)

For previous Lists, see Calendars from 1958.

Nanzarrow, Colin Douglas, B.Ag.Sc., Entomology IIA	1965	Findlay, John Kerr, B.Ag.Sc., Animal Physiology IIA	1967
Smith, John Lewis, B.Ag.Sc., Agricultural Biochemistry IIA	1965	Grivell, Anthony Robert, B.Ag.Sc., Agricultural Biochemistry I	1967
Swincer, Graeme Douglas, B.Ag.Sc., Soil Science IIA	1965	Hynes, Michael John, B.Ag.Sc., Genetics I	1967
Cooper, Leith Thomas, B.Ag.Sc., Agricultural Biochemistry IIA	1966	Atchison, Bentley Alan, B.Ag.Sc., Plant Pathology I	1968
Moriarty, David Joseph Wulstan, B.Ag.Sc., Agricultural Biochemistry IIA	1966	Brooks, David Edmund, B.Ag.Sc., Animal Physiology I	1968
Peter, Duncan Wilbur, B.Ag.Sc., Animal Production and Physiology IIA	1966	Champion, Ralph Alfred Hammeton, B.Agr.Sc. (Tas.), Agronomy IIA	1968
Redden, Robert John, B.Ag.Sc., Plant Breeding IIB	1966	Kloot, Peter Michael, B.Agr.Sc. (Melb.) Agronomy IIB	1968
Smeaton, Timothy Clive, B.Ag.Sc., Animal Production and Physiology IIA	1966	Lawrence, Peter Kornelis, B.Ag.Sc., Plant Breeding IIA	1968
Dubé, Alan John, B.Ag.Sc., Plant Pathology IIA	1967	Maddern, Robert Henry, B.Ag.Sc., Genetics I	1968
Ellis, Ronald Weston, B.Ag.Sc., Animal Physiology IIA	1967	Schroder, Peter Moreton, B.Ag.Sc., Agronomy IIA	1968
		Steward, John Harold, B.Ag.Sc., Soil Science IIA	1968

## HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE (INSTITUTED 1961)

Armstrong, Graeme John, B.App.Sc., Applied Chemistry I	1962	Stump, Nicholas Withrington, B.App.Sc., Applied Chemistry IIB	1967
Sivour, Neil Graham, B.App.Sc., Applied Chemistry IIA	1963	Wainwright, Mark Sebastian, B.App.Sc., Applied Chemistry IIA	1967
Le Maistre, Christopher William, B.App.Sc., Secondary Metallurgy I	1965	Varcoe, Thomas Richard, B.App.Sc., Secondary Metallurgy IIA	1968
Bedford, Anthony John, B.App.Sc., Secondary Metallurgy IIA	1967		

## HONOURS DEGREE OF BACHELOR OF ARCHITECTURE (INSTITUTED 1958)

For previous lists, see Calendars from 1962.

Grove, Richard Jeffrey, I	1964	Looi, Hoong Thoong, II	1967
Murphy, John Frederick, II	1964	Wong, Yit Sing, Francis, II	1967
Rowney, Barry Glencoe, II	1964	Bateup, Ross Lee, I	1968
Schenk, John Robert, II	1964	Hames, William George, IIA	1968
Ballinger, John Albyn, II	1965	Hassell, David Colin, IIB	1968
Fritzsche, Janet May, II	1965	Horner, David Alexander, I	1968
Loffler, Keith Richard, II	1965	Laikve, Guido Einar, IIA	1968
Nairn, Geoffrey Weynton, II	1965	Lentakis, John, IIB	1968
Bate, Brian Gilbert, II	1967	Panczak, Kurt Christian, IIA	1968
Home, Richard Truran, II	1967	Woodhead, William Robert, I	1968



## HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Boehmer, Sonya Anita, B.A., Geography II (i) - - - - -	1965
Brice, Ian David, History II (i) - - - - -	1965
Bright, Ann, English I - - - - -	1965
Brooks, Julie Ann, English III - - - - -	1965
Bury, Warren Richard, History II (i) - - - - -	1965
Cain, Francis Michael, B.A., History II (ii) - - - - -	1965
Cobb, Elizabeth Anne, French II (i) - - - - -	1965
Coombe, Margaret Mary, History II (i) - - - - -	1965
Cornell, Christine Helen, History II (i) - - - - -	1965
Crouch, Claire Elaine, German II (ii) - - - - -	1965
Dennis, Barbara Mary, English II (i) - - - - -	1965
Dobrez, Livio, English II (i) - - - - -	1965
Galbory, Jutta Maria Paula, German II (i) - - - - -	1965
Grantskalns, Erika Eve, History II (ii) - - - - -	1965
Guerin, Bruce, B.A., Classics I - - - - -	1965
Khadajah, binti Karim, History II (ii) - - - - -	1965
Kleinig, John Wilfred, German I - - - - -	1965
Magarey, Susan Margaret, English II (ii) - - - - -	1965
Marsden, Julia Meredith, History II (ii) - - - - -	1965
McGowan, Ursula, German I - - - - -	1965
Messner, Gwenda Mary, History II (ii) - - - - -	1965
Morgan, Grant Maxwell, English II (i) - - - - -	1965
Pantis, Craciun, History II (ii) - - - - -	1965
Parkin, Cherry Wedgwood, B.A., History I - - - - -	1965
Perry, Jane Elizabeth, History II (i) - - - - -	1965
Priestley, Alison Maude, History II (i) - - - - -	1965
Richter, Gunter Walter, German II (i) - - - - -	1965
Roper, Bruce Malcolm, Latin II (ii) - - - - -	1965
Schultz, Lance Franklin, Politics II (i) - - - - -	1965
Thiersch, Marie-Louise Mathilde, German II (i) - - - - -	1965
Tonkin, Jennifer Jane, English II (ii) - - - - -	1965
Worden, Margaret Anne, History I - - - - -	1965
Wright, Donald Ian, B.A., History II (i) - - - - -	1965
Zweck, Wayne Theodore, History II (i) - - - - -	1965
Adams, Reginald Austin Sorby, Psychology I - - - - -	1966
Ballingier, Marie Elizabeth, History II (i) - - - - -	1966
Bernadt, Judy Margaret, History II (ii) - - - - -	1966
Bilney, Gordon Neil, B.D.S., Politics II (i) - - - - -	1966
Cann, Melvyn Roy, Philosophy I, B.A., B.Mus., A.U.A. (Music) - - - - -	1966
Clumies-Ross, Graham George, Psychology II (i) - - - - -	1966
Collings, Leslie Ross, English II (i) - - - - -	1966
Collins, Tania Joan, French II (ii) - - - - -	1966
Coombe, Carole Julie, History II (i) - - - - -	1966
Dawson, Allan Alexander, Politics II (i) - - - - -	1966
Dennis, Peter John, History I - - - - -	1966
Dibden, Jacqueline Andrew, History II (i) - - - - -	1966
Donley, Robert James Randall, History II (ii) - - - - -	1966
Eaden, Philippa Robin, English II (ii) - - - - -	1966
Eckermann, Angela May, French II (ii) - - - - -	1966
Egoh, Abdul Hamid, Politics III - - - - -	1966
Ellis, Bronwyn Joan, French II (i) - - - - -	1966
Fitzgerald, Judith Barbara, History II (i) - - - - -	1966
Forrest, Anna Marlene Helen, French I - - - - -	1966
Fowler, Barry Herbert, Psychology II (i) - - - - -	1966
Gibson, Edmund Ralph Boyce, History I - - - - -	1966
Hebart, Ernst, English and German II (ii) - - - - -	1966
Herbert, Eileen Audrey, B.A., History II (ii) - - - - -	1966
Hollinsworth, Jeanette, History and Politics I - - - - -	1966
Hunwick, Andrew William Robert, Latin and French II (i) - - - - -	1966
Kannis, Peter, History II (i) - - - - -	1966
Kelly, Dominic Michael, History and Politics II (i) - - - - -	1966
Marks, Patricia Jean, English III - - - - -	1966
Marshall, Marilyn Gray, B.A., Politics I - - - - -	1966
Miller, Robert John, History II (ii) - - - - -	1966
Murphy, Laurence Frederick, History II (i) - - - - -	1966
Mussared, Shirley Ann, Psychology II (ii) - - - - -	1966
Nagel, Pauline, History II (ii) - - - - -	1966
Naulty, Reginald Anthony, B.A., Philosophy I - - - - -	1966
Neumann, Walter David, Mathematics I - - - - -	1966
Parbs, Robert Lindsay, English II (i) - - - - -	1966
Polkinghorne, Gillian Margaret, Psychology II (i) - - - - -	1966
Poynter, John William, B.A., Geography II (i) - - - - -	1966
Reed, Catherine Elaine Thornton, English II (ii) - - - - -	1966
Riegel-Huth, Jill Penelope Ann, Economics I - - - - -	1966
Rodger, Michael Scott, English I - - - - -	1966
Searle, Glen Hartley, Geography II (i) - - - - -	1966
Sharman, George Campbell, LL.B., Politics II (i) - - - - -	1966
Steiner, Marie Ann, History II (ii) - - - - -	1966
Stoll, Brigitte, German II (i) - - - - -	1966
Strehlow, Theodor James, German II (i) - - - - -	1966
Svenne, Ilze, B.A., History I - - - - -	1966
Szczygielski, Wladyslawa Wanda, German I - - - - -	1966
Szorenyi-Reischl, Nicholas Andrew, B.A., Philosophy I - - - - -	1966
Temby, Penelope Claire, Latin II (i) - - - - -	1966
Tilby, Penelope Jean, Psychology I - - - - -	1966
Tsangaris, George Paul, B.A., Classics I - - - - -	1966
Vallee, Ronald Peter, Politics III - - - - -	1966
Wilson, Jennifer Marjorie, English II (i) - - - - -	1966
Wise, Carole Margaret, French II (ii) - - - - -	1966
Wright, Barrie James McGregor, English II (i) - - - - -	1966
Archer, Rosemary Truda, English IIA - - - - -	1967
Ball, Robin, History IIB - - - - -	1967
Barton, Gillian Ruth, Latin IIB - - - - -	1967
Carey, Helen, English IIA - - - - -	1967
Caton, Christopher Nigel, B.A., Economics I - - - - -	1967
Chan Wah May, Winnie, History IIB - - - - -	1967
Cook, Peter Sydney, B.Ec., History I - - - - -	1967
Cowley, Helen Russell, Psychology I - - - - -	1967
Craig, Bronwen Phyllis, History I - - - - -	1967
Deane, Derrick Peter, History IIB - - - - -	1967
Dobrez, Patricia Anne, English IIB - - - - -	1967
Douglas, Charles William Sholto, History and Politics IIB - - - - -	1967
Dunn, John Michael Alen, History IIA - - - - -	1967
Durward, Elizabeth Dunkley, History IIA - - - - -	1967
Edson, Peter George, History IIA - - - - -	1967
Emery, Peter John, B.A., Economics IIA - - - - -	1967
Gent, Margaret Georgina, English I - - - - -	1967
Gibson, Margaret Elsbeth, History I - - - - -	1967
Greeneckee, Anne, History IIA - - - - -	1967
Griffith, Jillian Margaret, History IIA - - - - -	1967
Hetherington, Penelope, B.A., History I - - - - -	1967
Hicks, Neville Derrington, History IIA - - - - -	1967
Hollis, Stephanie Joan, English I - - - - -	1967
Keain, Beatrice Mary, History IIB - - - - -	1967
Kidman, John Melvor, French IIA - - - - -	1967
Kieslinger, Hans, French and German IIB - - - - -	1967
Kinloch, Anne Russell Leuthner, History IIA - - - - -	1967
Lee, Janice Maree, English IIA - - - - -	1967
Lejejs, Inara, Psychology IIA - - - - -	1967
Lorimer, Philip Stewart, History IIA - - - - -	1967
Martin, Ursula Glennis, History IIB - - - - -	1967
Melville, Caroline, History I - - - - -	1967
Murray, William James, History I - - - - -	1967
Norris, Ronald, History I - - - - -	1967
O'Brien, Patricia Anne, English III - - - - -	1967
Powell, Graeme Tullidge, History IIA - - - - -	1967
Prior, Jill Margaret, History IIA - - - - -	1967
Quartly, Kay, History IIA - - - - -	1967
Scott, Jeffrey Frank, LL.B., B.Ec., Politics IIA - - - - -	1967
Svilans, Irena, French IIB - - - - -	1967
Teague, Baden Chapman, History IIA - - - - -	1967
Thompson, Roger David, History I - - - - -	1967
Thomson, Joyce Ann, English IIB - - - - -	1967
Vigar, Penelope Elizabeth Shannon, English I - - - - -	1967
Walsh, Phillipa Barbara, History IIA - - - - -	1967
Waugh, Heather Jean, English IIB - - - - -	1967
Willats, Kerrie Ann, History IIB - - - - -	1967
Williams, Eric, History IIA - - - - -	1967
Wright, Anne, Latin IIA - - - - -	1967
Adamek, Valerian, English IIB - - - - -	1968
Alley, Neville Foster, Geography IIA - - - - -	1968
Ambrose, Rosemary Searle, B.A., History IIA - - - - -	1968
Ardlie, Lee Elizabeth, History IIA - - - - -	1968
Atkins, Margaret Edith, Psychology IIA - - - - -	1968
Bishop, Ronald John, Classics I - - - - -	1968
Bleby, Martin Edward, History IIB - - - - -	1968
Blencowe, Mark John, History IIB - - - - -	1968
Brougham, Geoffrey Robert, English IIB - - - - -	1968
Brown, Helen Margaret, English IIB - - - - -	1968
Bull, Philip James, B.A., History I - - - - -	1968
Byerley, Rosemary Helen Simon, B.A., History IIA - - - - -	1968
Cameron, Heather Margaret, English I - - - - -	1968
Carmichael, Samuel John, History IIA - - - - -	1968

Chapman, Brian Robert, History IIB - - -	1968	Nicks, Beverley Anne, History IIA - - -	1968
Clarke, John Dennison, English IIA - - -	1968	Panter, John Raspin, B.A., History I - - -	1968
Cunningham, Peter George, History III - - -	1968	Pech, Bronte James, History IIB - - -	1968
Daw, Rosemary Barbara, English IIA - - -	1968	Pettman, Ralph Harold, History and Politics I - - -	1968
Dibden, Diana Ruth Andrew, History and Politics IIB - - -	1968	Phillips, Heather Joy, B.A., History I - - -	1968
Disney, Helen Marcia Brabazon, History and Politics IIA - - -	1968	Rawson, Janine Adele, French I - - -	1968
Dundon, Mary Bernadette, Classics IIA - - -	1968	Ridgway, Margaret Lesley Christina, English IIA - - -	1968
Gallasch, Keith, English IIB - - -	1968	Rollison, Robert Michael, History IIB - - -	1968
Gibson, Jennifer Ruth, B.A., Geography I - - -	1968	Rowe, Judith Anne, English IIA - - -	1968
Goode, Christine Mary, B.A., English IIA - - -	1968	Schultz, Chester Verco, History IIA - - -	1968
Greening, Suzanne Margaret, History IIA - - -	1968	Sellars, Julie Diane, French IIB - - -	1968
Hann, Dawson Sinclair, English IIA - - -	1968	Shaw, Daniel Joseph, Philosophy I - - -	1968
Hawkes, Raymond, Philosophy I - - -	1968	Short, Anthony John, History IIB - - -	1968
Healey, John David, English I - - -	1968	Simpson, Pippa Margaret, Mathematics I - - -	1968
Hopgood, Donald Jack, History IIA - - -	1968	Souillac, Agnes Marie Marcelle Dominique, French IIB - - -	1968
Horton, Trevor John, English IIA - - -	1968	Stewart, Jim Leslie, Latin IIB - - -	1968
Hugo, Graeme John, Geography IIA - - -	1968	Stockley, David Murray, History IIA - - -	1968
Jaensch, Dean Harold, B.A., Politics I - - -	1968	Stokes, James Michael, English IIB - - -	1968
Lancaster, Peter Eugene, Music IIA - - -	1968	Turner, John Anthony, B.A., History IIA - - -	1968
Lee, Michael John, English I - - -	1968	Urban, Evelyn, German I - - -	1968
McEwin, Jane Elizabeth, History IIA - - -	1968	Venning, Elizabeth Haydon, History IIA - - -	1968
McKenzie, Andrew Robert, French IIA - - -	1968	Walker, David Robert, History I - - -	1968
McKie, David George, History IIB - - -	1968	Walker, Jennifer, English IIB - - -	1968
McLoughlin, Neville John, B.A., Geography III - - -	1968	Watson, Michael John, Classics IIB - - -	1968
Marten, Carol Anne, French IIA - - -	1968	Wester, Lyndon Leonard, B.A., Geography IIA - - -	1968
Martin, Donald Arlie, History IIA - - -	1968	Whalan, Jillian, History I - - -	1968
Milich, Corinne Lina, History IIB - - -	1968	Whittington, Peter Rowland, English IIB - - -	1968
Millerd, Catherine Felicity, Classics I - - -	1968	Wittwer, Elizabeth Lorraine, B.A., Geography IIA - - -	1968
Moore, Jane Hillier, Politics IIB - - -	1968	Woolven, John Robert, B.A., Geography IIB - - -	1968
Moten, Brian Michael, History IIB - - -	1968	Young, John David, History I - - -	1968
Moyle, David William, B.A., Geography IIB - - -	1968		

## HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY (INSTITUTED 1961)

Blanden, Robert Vincent, B.D.S. IIA - - -	1962	Kuusk, Sven, B.D.S. IIB - - -	1966
Waterson, John Gabriel, B.D.S. IIA - - -	1963	Reiners, John Alexander, B.D.S. IIB - - -	1966
Wei, Hon Yin, Stephen, B.D.S. IIA - - -	1963	Roberts, Michael Lawrence, B.D.S. I - - -	1967
Chau, Kai Kin, B.D.S. I - - -	1965		

## HONOURS DEGREE OF BACHELOR OF ECONOMICS. (INSTITUTED 1930.)

For previous Lists, see Calendars from 1959.

Bee, John Broadhurst, B.Ec., IIA - - -	1965	Waterman, Ewen Leith, B.Ec., I - - -	1966
Harries, Robert Ian, B.Ec., I - - -	1965	Chua, Wee Meng, I - - -	1967
Lewis, Mervyn Keith, B.Ec., I - - -	1965	Edwards, Richard Graham, B.Ec. IIA - - -	1967
Porter, Michael Glenthorne, B.Ec., I - - -	1965	Gascoine, Digby Frank, B.Ec. IIA - - -	1967
Truscott, David Craven, B.Ec., IIA - - -	1965	Ritchie, Robert William, B.Ec. IIA - - -	1967
Young, Ian Campbell, B.Ec., I - - -	1965	Scott, Graham McLennan, B.Ec. I - - -	1967
Fairbairn, David Francis, B.Ec., IIA - - -	1966	Struenkmann, Uwe, B.Ec. IIA - - -	1967
Freney, Roger Quentin, B.Ec., IIA - - -	1966	Bloch, Frederick Archibald, B.Ec., I - - -	1968
Mules, Trevor John, B.Ec., I - - -	1966	Haslam, William Ross, B.Ec., IIA - - -	1968
Rohrsheim, Geoffrey Charles, B.Ec., IIB - - -	1966	Hillier, Grant Highmoore, B.Ec., I - - -	1968
Taylor, Gregory Frank, B.Ec., IIA - - -	1966	Penketh, Stewart George, B.Ec., IIA - - -	1968
Teoh, Eng Hong, B.Ec., I - - -	1966	Round, David Keith, B.Ec., I - - -	1968

## HONOURS DEGREE OF BACHELOR OF ENGINEERING (INSTITUTED 1947)

For previous Lists, see Calendars from 1956.

Barter, Christopher John, Electrical I - - -	1965	Lee, Huat Chye, Jeffrey, Electrical I - - -	1965
Carpenter, Allan Lloyd, Mechanical IIA - - -	1965	Lim, Kim Boon, Mechanical I - - -	1965
Doherty, Lindsay Edgar, Civil IIA - - -	1965	McGrath, Humphry Addison, Electrical IIA - - -	1965
Edmonds, Peter Harry, Electrical IIA - - -	1965	Moh, Hak Serh, Electrical IIB - - -	1965
Flavel, Warren Louis, Electrical I - - -	1965	Polson, Peter, Electrical IIA - - -	1965
Hackett-Jones, Francis Charles, Electrical IIA - - -	1965	Roemfeldt, Richard John, Mechanical IIB - - -	1965
Harris, Howard Robert, Chemical IIB - - -	1965	Rowe, James William, Chemical IIA - - -	1965
Hashim, bin Mohammed Salleh, Electrical I - - -	1965	Sobolewski, Victor Conrad, Electrical I - - -	1965
Isaachsen, Oscar Alan, Chemical IIA - - -	1965	Tam, Kau Tim, Electrical IIB - - -	1965
Kershaw, Allan James, Electrical IIA - - -	1965	Tamke, John William, Electrical IIB - - -	1965

Tham, Cham Kwong, Electrical IIA - - - -	1965	Kirke, Brian Kinloch, Civil IIA - - - -	1967
Tham, Toong Seng, Mechanical IIA - - - -	1965	Lange, Volker Wolfgang, Electrical I - - - -	1967
Tozer, Barry Allan, Civil IIA - - - -	1965	Manoel, Peter James, Civil IIA - - - -	1967
Welford, John Peter, Mechanical I - - - -	1965	Ramsey, Douglas Peter, B.Sc., Electrical IIA	1967
Wesson, Roy Harold, Electrical IIB - - - -	1965	Richardson, Ralph Stuart, Electrical IIB -	1967
Yeow, Koh Wah, Mechanical IIA - - - -	1965	Schapel, Jeffrey Gilbert, B.Sc., Electrical I -	1967
Zimmermann, Werner, Electrical IIA - - - -	1965	Simpson, Ralph Anthony Hollister, Mechanical	1967
Akhtar, Muhammad Yaqub, Electrical I - - - -	1966	IIB - - - -	1967
Arthur, Neil Fleming, Chemical IIB - - - -	1966	Smith, Anthony Terence, Electrical IIA - - - -	1967
Boas, Robert Victor, Mechanical IIA - - - -	1966	U, Yong Ee, Mechanical IIB - - - -	1967
Chan, Tiong Hin, Chemical IIB - - - -	1966	Weymouth, John Arthur, Chemical IIB - - - -	1967
Dean, Peter David, Mechanical IIB - - - -	1966	Whitrow, John Leslie, B.Sc., Electrical I - - - -	1967
Golley, Bruce Wilfrid, Civil IIB - - - -	1966	Wilkinson, Malcolm Keith, Civil IIB - - - -	1967
Hng, Hung Cheng, Mechanical I - - - -	1966	Wilson, Richard Edward, Mechanical I - - - -	1967
Lees, Maxwell Laurence, Electrical I - - - -	1966	Arbon, Peter Fulton, Civil IIA - - - -	1968
Liddy, John Davis, Chemical IIB - - - -	1966	Bailey, Gregory John, Chemical IIB - - - -	1968
Lim, Thuan Khee, Civil I - - - -	1966	Bartlett, John Phillip, B.Sc., Electrical I - - - -	1968
McInnes, Douglas Bruce, Civil IIB - - - -	1966	Brenton, Kevin John, Chemical IIB - - - -	1968
McRae, Donald Ian, Civil I - - - -	1966	Bullock, Frederick George, Electrical I - - - -	1968
Moxham, Kenneth Ewing, Civil I - - - -	1966	Bundrock, Anthony John, Electrical IIA - - - -	1968
Orchard, Ian Hamilton, Civil IIA - - - -	1966	Burke, Robert Stanley, Mechanical IIB - - - -	1968
Robert, John Douglas, Electrical IIA - - - -	1966	Colebatch, Phillip Maxwell, B.Sc., Electrical I	1968
Ryan, William James, Chemical IIA - - - -	1966	Davies, Graham, Electrical IIA - - - -	1968
Stevens, Ross Linwood, Civil IIA - - - -	1966	Fitch, Phillip Stanley, Electrical IIB - - - -	1968
Tough, Peter Frank, Chemical IIA - - - -	1966	Fuller, Peter Gilmour, Chemical IIA - - - -	1968
Treloar, Philip Douglas, Civil IIA - - - -	1966	Ginos, Zisis, Civil I - - - -	1968
Angel, Robert John, Chemical IIB - - - -	1967	Hayford, John Ralph, Civil IIA - - - -	1968
Bereznai, George Thomas, Electrical I - - - -	1967	Heydrich, Hans, Mechanical I - - - -	1968
Bowden, Gavin David, Chemical IIB - - - -	1967	Jenkins, Graham Keith, B.Sc., Electrical I -	1968
Brown, Graham Ross, Electrical IIB - - - -	1967	Kikkert, Cornelis Jan, Electrical I - - - -	1968
Burgess, Alan Stanley, B.Sc., Electrical I -	1967	Lee, Anthony Ralph, B.Sc., Electrical IIB -	1968
Dang, Quy Duc, Mechanical I - - - -	1967	Liney, Richard John, Civil IIB - - - -	1968
Davis, Barry Robert, Civil IIA - - - -	1967	McCarthy, Michael Anthony, Chemical I - - - -	1968
Foley, Shane Patrick, Civil I - - - -	1967	Miles, Raymond Thomas, Civil IIA - - - -	1968
Ford, Christopher John, Mechanical IIA - - - -	1967	Nguyen, Tran Van, Electrical IIB - - - -	1968
Fox, Allan Douglas, Chemical IIA - - - -	1967	Ochota, Peter, Civil IIA - - - -	1968
Gallasch, Glen Lenard, Electrical IIB - - - -	1967	Paech, Ivor Neil, Mechanical IIA - - - -	1968
Gehan, Kevin, Chemical IIA - - - -	1967	Pascoe, Ian Ross Birch, Civil IIA - - - -	1968
Hawryszkiewicz, Peter, B.Sc., Electrical I -	1967	Sabine, Percy Victor Harvey, B.Sc., Electrical I	1968
Hohnen, Stuart Alexander, Civil IIB - - - -	1967	Sutton, John Murray, Civil I - - - -	1968
Killick, James Cassam, Civil I - - - -	1967	Tsiros, Petros, Chemical IIB - - - -	1968
		Yong, Poh Kon, Mechanical I - - - -	1968

## HONOURS DEGREE OF BACHELOR OF LAWS (INSTITUTED 1939)

For previous lists see Calendars from 1961

Doyle, Margaret Cecelia, II - - - -	1965	Haynes, Jennifer May, I - - - -	1967
Lindell, Geoffrey John, I - - - -	1965	Ligertwood, Andrew Leith Coutts, I - - - -	1967
Lunn, Robert Martin, II - - - -	1965	Pash, Richard Jeffrie, II - - - -	1967
McDonnell, Ian Peter, II - - - -	1966	Taylor, John Lachlan, I - - - -	1967
Beatty, James Douglas John, II - - - -	1967	Trim, Darrell Alfred, II - - - -	1967
Cramond, James Malcolm Alyn, I - - - -	1967	Dyki, Nick, I - - - -	1968
Daw, Rowena Compson, I - - - -	1967	Gray, Thomas Andrew, II - - - -	1968
Doyle, John Jeremy, I - - - -	1967	Mansfield, John Ronald, II - - - -	1968

## HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE (INSTITUTED 1949)

Black, Andrew Barham, General Pathology		Stepanas, Antanas Vytautas, Physiology IIA -	1965
IIA - - - -	1963	Bastian, Peter Desmond, Physiology IIA -	1966
Fotheringham, Brian James, Physiology IIA -	1963	Chivers, Robin Rayment, Physiology, IIA -	1966
Meyer, Carl Hugh Alexander, Anatomy IIA -	1963	Juttner, Christopher Aylwin, Physiology I -	1966
Reilly, Peter Lawrence, Physiology IIA -	1963	Philpot, Christopher Ross, Physiology I -	1966
Thomas, David Westwood, Physiology IIA -	1963	Young, Janet Isabelle, Pathology I - - - -	1966
Van Dongen, Robert, Anatomy I - - - -	1963	Paterson, Nigel Angus Morgan, Physiology I	1967
Wahlquist, Mark Lawrence, Physiology IIA -	1963	Kuchel, Philip William, Biochemistry I - -	1968
McCarthy, Peter Justin, Biochemistry IIA -	1964	Munchenberg, William Paul, Clinical Science,	
Charlton, Peter James, Genetics I - - - -	1965	(Medicine) I - - - -	1968
Dienes, Nigel Anthony, Biochemistry I - -	1965	Sutcliffe, Helen Suzanne, Clinical Science,	
Khoo, Kay Keng, Microbiology I - - - -	1965	(Child Health) I - - - -	1968
Sosula, Leo, Anatomy I - - - -	1965		

## HONOURS DEGREE OF BACHELOR OF MUSIC (INSTITUTED 1949)

Cann, Melyvn Roy, Mus.Bac. I - - - -	1965	Biezaitis, Sandra Mara, B.Mus. I - - - -	1967
Kartomi, Margaret Joy, Mus.Bac. I - - - -	1965	Silsbury, Elizabeth Alice, B.A., B.Mus. I -	1967
MacKay, Heather Margaret, Mus.Bac. II - -	1965	Simper, Douglas Alan, B.Mus. II B - - - -	1967
Tobin, Ashleigh Hambridge, Mus.Bac. I - -	1965	Dudley, Grahame Hilton, B.Mus. I - - - -	1968
Wickes, Lewis Charles, Mus.Bac. I - - - -	1965	Findlay, Andrea Macdougall, B.Mus. I - - -	1968
Barker, John Wesley, B.Mus. I - - - -	1966	Schmidt, Peter John, B.Mus. IIA - - - -	1968
Kenny, Michael John, B.Mus. I - - - -	1966	Terry, Graham Robert, B.Mus. IIA - - - -	1968
Lakin, Angela Mary, B.Mus. II - - - -	1966	Williams, Graham Norman, B.Mus. IIA - - -	1968

## HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Allison, Graham Bruce, B.Sc., Physical and Inorganic Chemistry I - - - -	1965	Martens, Judith Suzanne, B.Sc., Organic Chemistry IIB - - - -	1965
Backstrom, Robert Peter, B.Sc., Mathematics IIA - - - -	1965	Mayo, Oliver, B.Sc., Genetics I - - - -	1965
Barrett, Judith Eleonor, B.Sc., Mathematics I	1965	Moody, Keith, B.Sc., Organic Chemistry IIA	1965
Blackburn, Trevor Robert, B.Sc., Physics IIA	1965	Nunn, Christina Eleanor, B.Sc., Botany I -	1965
Blagrove, Robert John, B.Sc., Physical and Inorganic Chemistry I - - - -	1965	O'Connor, Graham Geoffrey, B.Sc., Physics IIA - - - -	1965
Blanksby, Peter Ernest, B.Sc., Mathematics I	1965	Paice, John Clarence, B.Sc., Organic Chemistry IIA - - - -	1965
Braddock, Roger David, B.Sc., Mathematics IIA - - - -	1965	Palenschus, Henry Arthur, B.Sc., Organic Chemistry IIA - - - -	1965
Bretag, Allan Hugo, B.Sc., Physiology I -	1965	Palmer, Ian Dexter, B.Sc., Physics IIA - -	1965
Brooke, Anthony Lackington, B.Sc., Mathematical Physics IIA - - - -	1965	Panter, Roderick Alan, B.Sc., Biochemistry I	1965
Brownhill, Michael Harrington, B.Sc., Geology IIA - - - -	1965	Pemberton, Russell Edward, B.Sc., Microbiology I - - - -	1965
Bull, Anthony James, B.Sc., Mathematics IIA	1965	Pfiftzner, Julian Paul, B.Sc., Physics IIA -	1965
Bungey, Lloyd Morris, B.Sc., Physical and Inorganic Chemistry IIB - - - -	1965	Price, Isobel Phebe, B.Sc., Botany IIA -	1965
Butterfield, Anthony William, B.Sc., Physics IIA - - - -	1965	Fryor, Anthony John, B.Sc., Genetics IIA -	1965
Carter, Colin Leslie, B.Sc., Mathematical Physics IIB - - - -	1965	Redmond, John William, B.Sc., Organic Chemistry I - - - -	1965
Casey, Bryan Anthony, B.Sc., Physical and Inorganic Chemistry I - - - -	1965	Reiss, James Allan, B.Sc., Organic Chemistry I	1965
Chapple, Barry Edwin Exon, B.Sc., Geology IIA - - - -	1965	Reynolds, Geoffrey Dennison, B.Sc., Organic Chemistry I - - - -	1965
Cheng, Mee Chooi, B.Sc., Mathematics I -	1965	Rogers, Lesley Joy, B.Sc., Zoology I - - -	1965
Chia, Ah Bah, B.Sc., Mathematics IIA - -	1965	Shaughnessy, Peter Douglas, B.Sc., Genetics IIB - - - -	1965
Creaser, Roger Philip, B.Sc., Physics IIA -	1965	Sinclair, David Foulis, B.Sc., Organic Chemistry IIB - - - -	1965
Davies, Ian Malcolm, B.Sc., Physics I - -	1965	Sodhy, Sheila, B.Sc., Physiology IIA - - -	1965
Dolling, Maurice, B.Sc., Microbiology IIA -	1965	Summerfield, William Charles, B.Sc., Mathematics I - - - -	1965
Durance, Geoffrey, B.Sc., Physics IIA - -	1965	Talmet, Maie-Anne, B.Sc., Organic Chemistry IIA - - - -	1965
Ellis, Keith James, B.Sc., Physical and Inorganic Chemistry I - - - -	1965	Tam, Wai Sheung, B.Sc., Mathematics IIA -	1965
Felgate, David Gordon, B.Sc., Physics IIB -	1965	Thong, Kar Lum, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1965
Fennell, David John, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1965	Tregloan, Peter Allan, B.Sc., Physical and Inorganic Chemistry I - - - -	1965
Fischer, Alastair James, B.Sc., Mathematics IIB - - - -	1965	Trett, Victor, B.Sc., Organic Chemistry IIB -	1965
Ford, John Mackay, B.Sc., Physics IIB - - -	1965	Tuckwell, Henry Clavering, B.Sc., Mathematical Physics IIB - - - -	1965
Gartrell, Grant, B.Sc., Physics IIA - - - -	1965	Tume, Ronald Keith, B.Sc., Biochemistry IIA	1965
Gibberd, Robert William, B.Sc., Mathematical Physics IIA - - - -	1965	Walsh, Eleanor Wynn, B.Sc., Mathematical Physics IIA - - - -	1965
Glasson, Alan Raymond, B.Sc., Mathematics I	1965	Woodroffe, Alice, B.Sc., Zoology IIA - - -	1965
Goh, Kim Kee, Ivy, B.Sc., Botany IIA - - -	1965	Worthley, Sandra, B.Sc., Organic Chemistry IIA - - - -	1965
Goh, Tong Hong, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1965	Yong, Swee Kee, B.Sc., Geology IIA - - - -	1965
Gordon, Elizabeth Mary, B.Sc., Botany I - -	1965	Zdysiewicz, Jan Romuald, B.Sc., Physical and Inorganic Chemistry I - - - -	1965
Gough, Paul Lancelot, B.Sc., Physics IIA -	1965	Bahr, John Leslie, B.Sc., Physics IIA - - -	1966
Greenlees, Alan William, B.Sc., Biochemistry IIA - - - -	1965	Barnden, Leighton Reginald, B.Sc., Physics IIA - - - -	1966
Grygorzewicz, Czeslaw, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1965	Beresford, Anthony Charles, B.Sc., Physics IIA - - - -	1966
Holst, Richard John, B.Sc., Zoology I - - -	1965	Boswell, Roderick William, B.Sc., Physics IIA - - - -	1966
Howlett, Philip George, B.Sc., Mathematics IIA - - - -	1965	Bowering, Owen James Wheatley, B.Sc. Geology IIA - - - -	1966
Iverson, Geoffrey John, B.Sc., Mathematical Physics I - - - -	1965	Bowness, Helen, B.Sc., Mathematics I - - -	1966
Jemison, Robert William, B.Sc., Organic Chemistry I - - - -	1965	Bracken, Anthony John, B.Sc. Mathematical Physics I - - - -	1966
Kirby, Ronald Franklyn, B.Sc., Mathematics IIA - - - -	1965	Bradshaw, Douglas Richard, B.Sc., Organic Chemistry IIA - - - -	1966
Lam, Ying, B.Sc., Biochemistry IIA - - - -	1965	Brooker, Peter Ian, B.Sc., Mathematical Physics I - - - -	1966
Lazaroff, Nicholas, B.Sc., Botany I - - - -	1965	Byers, Alan Edwin, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1966
Leach, Brian George, B.Sc., Mathematics I -	1965	Campbell, Anne Judith, B.Sc., Biochemistry I	1966
Lewis, Brian Murray, B.Sc., Physics I - - -	1965	Clarke, Robert John, B.Sc., Mathematics I -	1966
Liddiard, Kevin Charles, B.Sc., Physics IIA -	1965	Colman, Peter Malcolm, B.Sc., Physics I -	1966
Liddle, John Michael, B.Sc., Organic Chemistry IIA - - - -	1965	Cooper, Robert Kingham, B.Sc., Physical and Inorganic Chemistry IIA - - - -	1966
Liew, Nyok Kheng, B.Sc., Zoology IIA - - -	1965	Cramond, David Norton, B.Sc., Physical and Inorganic Chemistry I - - - -	1966
Lim, Teck Kah, B.Sc., Mathematical Physics I - - - -	1965	Coppin, Robert John, B.Sc., Economic Geology IIA - - - -	1966
Lim, Yew Meng, B.Sc., Mathematics IIA - -	1965	Disney, Shaun Anthony Requa, B.A., B.Sc., Mathematics I - - - -	1966
Ling, Ai Mee, B.Sc., Biochemistry I - - - -	1965	Donaghue, Paul Francis, B.Sc., Organic Chemistry IIA - - - -	1966
McAvaney, Bryant John, B.Sc., Physics I -	1965	Eihay, Sylvan, B.Sc., Computing Science IIA	1966
McClure, James Barry Damian, B.Sc., Organic Chemistry IIB - - - -	1965		
McKay, David James, B.Sc., Microbiology I -	1965		
Maconocheie, John Richard, B.Sc., Botany IIA	1965		
Major, Robert Bradshaw, B.Sc., Geology IIB	1965		

Ellery, Brenton Wayne, B.Sc., Biochemistry IIA	1966	Attenborough, Heather Joy, B.Sc., Mathematics IIA	1967
Farmer, Anthony John Douglas, B.Sc., Physics IIA	1966	Balharry, Gavon John Edward, B.Sc., Biochemistry IIB	1967
Fleming, Peter David, B.Sc., Geology I	1966	Barritt, Gregory John, B.Sc., Biochemistry I	1967
Fogg, David Anthony Berthold, B.Sc., Computing Science IIB	1966	Bateman, Roger George, B.Sc., Microbiology IIA	1967
French, Robert John, B.Sc., Zoology I	1966	Besley, Robert Ellis, B.Sc., Geology IIB	1967
Gascoine, Christopher Eric, B.Sc., Computing Science IIA	1966	Blesing, Robert Graham, B.Sc., Physics IIA	1967
Glastonbury, Ronda May, B.Sc., Mathematics I	1966	Brooke, William John Lackington, B.Sc., Geology I	1967
Goh, Teik Poh, B.Sc., Organic Chemistry IIA	1966	Browne, Patrick John, B.Sc., Mathematics I	1967
Goode, Alan Douglas Tracy, B.Sc., Geology I	1966	Burford, Peter James, B.Sc., Physics IIA	1967
Greenfield, Richard John, B.Sc., Mathematics I	1966	Buselli, Gioachino, B.Sc., Physics IIA	1967
Grigson, Christopher James, Mathematical Physics I	1966	Butcher, Margaret Gillian, B.Sc., Mathematics I	1967
Crimm, Raymond Clifford, B.Sc., Mathematical Physics I	1966	Callen, Roger Arthur, B.Sc., Geology IIB	1967
Harris, Kenneth Robert, B.Sc., Physical and Inorganic Chemistry IIA	1966	Cambrell, Gregory Keith, B.E., Mathematical Physics I	1967
Harrop, Clifford John Francis, B.Sc., Zoology I	1966	Carey, William Francis, B.Sc., Biochemistry IIA	1967
Holding, Leigh James, B.Sc., Organic Chemistry IIA	1966	Chaplin, Rodney Phillip, B.Sc., Physical and Inorganic Chemistry I	1967
Hope, Rory Moulden, B.Sc., Genetics IIA	1966	Chuah, Yak Siong, B.Sc., Organic Chemistry IIA	1967
Hosking, Anthony John, B.Sc., Geology IIA	1966	Clancy, Michael Charles, B.Sc., Physics IIA	1967
Houston, Terry Francis, B.Sc., Zoology I	1966	Coleman, Christopher Stephen, B.Sc., Mathematics IIB	1967
Jackson, Mervyn Benjamin, B.Sc., Organic Chemistry I	1966	Courtney, Peter Graham, B.Sc., Computing Science IIA	1967
Kerrisk, John Michael, B.Sc., Mathematical Physics IIA	1966	Cowell, Jane Margaret, B.Sc., Genetics I	1967
Kleeman, John Douglas, B.Sc., Geology I	1966	Driver, Alan Richard, B.Sc., Psychology IIB	1967
Krieg, Graham Walter, B.Sc., Geology IIA	1966	Fabian, Werner, B.Sc., Physics IIA	1967
Krips, Henry Paul, B.Sc., Mathematical Physics IIA	1966	Farnden, Kevin John Francis, B.Sc., Biochemistry IIA	1967
Lehmann, Philip Ross, B.Sc., Geology IIA	1966	Fisher, John Wayne, B.Sc., Organic Chemistry I	1967
Lemon, Meredith, B.Sc., Zoology I	1966	Foong, Siew-Wan, B.Sc., Physical and Inorganic Chemistry I	1967
Lewis, Robyn, B.Sc., Computing Science I	1966	Gara, William Balint, B.Sc., Organic Chemistry IIA	1967
Lindquist, William Francis, B.E. (Otago), Geology I	1966	Goh, Hee Boon, B.Sc., Microbiology IIA	1967
McFarlane, Anthony Roderic, B.Sc., Mathematical Physics IIB	1966	Gray, Malcolm, B.Sc., Computing Science I	1967
McFeat, Richard Bruce, B.Sc., Mathematics I	1966	Greenshields, Leonore Mary, B.Sc., Genetics IIA	1967
McKee, William Dennis, B.Sc., Mathematics I	1966	Grund, Roger Bartram, B.Sc., Geology IIB	1967
Mason, Malcolm Geoffrey, B.Sc., Geology IIA	1966	Halleday, John Arthur, B.Sc., Organic Chemistry I	1967
Mayfield, Robert John, B.Sc., Organic Chemistry I	1966	Hancock, William Stephen, B.Sc., Organic Chemistry I	1967
Meakin, Christopher Paul, B.Sc., Organic Chemistry IIA	1966	Harwood, Keith, B.Sc., Physics IIA	1967
Morrison, Robert Gwydir Booth, B.Sc., Physiology IIA	1966	Hearn, Milton Thomas William, B.Sc., Organic Chemistry I	1967
Morrow, Richard, B.Sc., Physics IIA	1966	Howlett, Terence Ralph, B.Sc., Mathematics IIB	1967
Nelson, Christopher Eastick, B.Sc., Mathematics IIA	1966	Hull, Ronald Robert, B.Sc., Microbiology I	1967
Nielsen, Jan, B.Sc., Biochemistry IIA	1966	Hum, Hoe Pheng, B.Sc., Biochemistry IIB	1967
Panton, David Michael, B.Sc., Mathematics I	1966	Jenkins, Richard John Frank, B.Sc., Geology I	1967
Pepela, Crowther Ngoya, B.Sc. (London), Physical and Inorganic Chemistry IIA	1966	Johnson, Bruce Beresford, B.Sc., Physical and Inorganic Chemistry I	1967
Philpott, Clive Mervyn, B.Sc., Zoology IIA	1966	Keightley, David Douglas, B.Sc., Zoology IIA	1967
Pope, Russell Leslie, B.Sc., Mathematics I	1966	Klemm, Anthony Desmond, B.Sc., Mathematical Physics I	1967
Riceman, Mary Stirling, B.Sc., Physics IIA	1966	Lee, Kim Cheng, B.Sc., Computing Science I	1967
Rogers, Roderick Westgarth, B.Sc., Botany IIA	1966	Lewis, Brenton Raymond, B.Sc., Physics I	1967
Roney, Bruce Deane, B.Sc., Organic Chemistry IIA	1966	Liddle, Peter Francis, B.Sc., Physics I	1967
Rossiter, Dean Edward, B.Sc., Physics IIA	1966	Lintern, Sue Michele, B.Sc., Zoology IIA	1967
Rowan, Ian Stanley, B.Sc., Economic Geology IIA	1966	Loughhead, Colin Ellis, B.Sc., Mathematics IIA	1967
Saddler, Hugh David Walter, B.Sc., Botany I	1966	McDonnell, Thomas Peter, B.Sc., Physics IIA	1967
Schubert, Mark Theodor, B.Sc., Physics IIA	1966	McIvor, Lenore Claire, B.Sc., Zoology IIA	1967
Smith, Ian Robert, Zoology IIB	1966	Marlow, Robert Buxton, B.Sc., Geology I	1967
Smyth, David Robert, B.Sc., Genetics I	1966	May, Brian Kenneth, B.Sc., Biochemistry I	1967
Soh, Gwek Neo, B.Sc., Biochemistry IIB	1966	May, Robert Leonard, B.Sc., Mathematics I	1967
Stirling, Andrew John, B.Sc., Physics IIA	1966	Miller, Crystal, B.Sc., Geology I	1967
Tebeics, Andris Karlis, B.Sc., Zoology IIA	1966	Milne, Peter Ritchie, B.Sc., Biochemistry I	1967
Thompson, Norman, B.Sc., Physical and Inorganic Chemistry I	1966	Moir, John Edward, B.Sc., Organic Chemistry IIA	1967
Thredgold, Harold Malcolm, B.Sc., Organic Chemistry I	1966	Odyha, Marianne, B.Sc., Physical and Inorganic Chemistry IIA	1967
Van Roekel, Margaret Anne, B.Sc., Physiology IIA	1966	Palmer, John Edward, B.Sc., Physics IIB	1967
Walter, Malcolm Ross, B.Sc., Geology I	1966	Pearson, Robert Allan, B.Sc., Mathematics IIA	1967
West, Keith Robert, B.Sc., Botany IIA	1966	Perry, Peter Grant, B.Sc., Computing Science I	1967
Wildy, John Edward, B.Sc., Mathematics IIA	1966	Phang, Sonny, B.Sc., Physical and Inorganic Chemistry IIA	1967
Walji, Ahmed Hassanali, B.Sc., Organic Chemistry I	1966	Pickett, Anne Lynnette, B.Sc. (New England), Mathematics IIA	1967
Worden, John Maxwell, B.Sc., Geology IIA	1966		
Anderson, David Lee, B.Sc., Mathematics IIA	1967		

Pledge, Neville Stewart, B.Sc., Geology IIA -	1967	Kennedy, Jennifer Ann, B.Sc., Zoology IIA -	1968
Preiss, Wolfgang Victor, B.Sc., Geology IIA -	1967	Kennedy, Peter Mervyn, Zoology IIA -	1968
Riceman, William David, B.Sc., Physics I -	1967	Kirkert, John Nicolaas, B.Sc., Physical and	
Roberts, Richard Gregory Dennis, B.Sc.,		Inorganic Chemistry I -	1968
Physiology IIA -	1967	Klose, Thomas Richard, B.Sc., Organic	
Roper, John McEwen, B.Sc., Physics IIB -	1967	Chemistry I -	1968
Rudzki, Zbigniew, B.Sc., Biochemistry IIA -	1967	Chemistry IIA -	1968
Sinclair, Donald Keith, B.Sc., Mathematical		Knowles, Ian Walker, Mathematics IIA -	1968
Physics I -	1967	Knuckey, Michael Henry, B.Sc. (Melbourne),	
Sinclair, Roger Wilson, B.Sc., Organic Chem-		Computing Science IIB -	1968
istry IIA -	1967	Kwan, Ching Ping, B.Sc., Organic Chemistry	
Skurray, Geoffrey Richard, B.Sc., Organic		IIB -	1968
Chemistry IIB -	1967	Laffer, Mostyn Henry, B.Sc., Organic	
Slaven, William Trevor, B.Sc., Biochemistry		Chemistry IIA -	1968
IIB -	1967	Lamacraft, Lesley Beryl, B.Sc., Zoology IIA -	1968
Smith, Richard Victor, B.Sc., Physiology IIA		Lill, Donald Lester, B.Sc., Organic Chemistry	
Sng, Bock Thiam, B.Sc., Organic Chemistry		IIA -	1968
IIB -	1967	Liverton, Timothy, B.Sc. (Sydney), Geology	
Steele, Ronald John, B.Sc., Geology I -	1967	IIB -	1968
Steinert, Peter Malcolm, B.Sc., Biochemistry		Lockey, George William Albert, B.Sc., Physics	
IIA -	1967	IIA -	1968
Sweet, Ian Paul, B.Sc., Geology IIA -	1967	Loos, Marcel, B.Sc., Geology IIB -	1968
Tan, Yee Thong, B.Sc., Organic Chemistry		McKee, Stephen Kiffin, B.Sc., Mathematics IIA	1968
IIB -	1967	McKirby, David Malcolm, B.Sc., Geology IIA	1968
Thomas, Richard Murison, B.Sc., Physics I -	1967	Macpherson, Janet Lees, B.Sc., Mathematics	
Threlfall, William Frederick, Geology IIA -	1967	IIA -	1968
Ting, King Yui, Thomas, B.Sc., Organic		Martin, Lynette Ruth, B.Sc., Physical and	
Chemistry IIA -	1967	Inorganic Chemistry I -	1968
Tong, Peggy, B.Sc., Mathematical Physics IIA		May, John Trevor, B.Sc., Biochemistry IIA -	1968
Trethewie, John Vere, Physics IIA -	1967	Mills, Graham Alan, B.Sc., Physics IIA -	1968
Tucker, David Hamilton, B.Sc., Physics IIA -	1967	Milnes, Anthony Richard, B.Sc., Geology IIA	1968
Vickery, Graham George, B.Sc., Organic		Muirhead, Robb John, B.Sc., Mathematics I	1968
Chemistry IIA -	1967	Murray, Christopher John, B.Sc., Microbiology	
Wan, Yun, B.Sc., Mathematics IIA -	1967	IIB -	1968
Webber, Carolyn Ann, B.Sc., Mathematics I	1967	Neoh, Sim Hee, B.Sc., Microbiology IIA -	1968
Wells, John David, B.Sc., Physical and In-		Nitschke, Philip Haig, B.Sc., Physics I -	1968
organic Chemistry IIA -	1967	O'Brien, Richard Searcy, B.Sc., Physics I -	1968
Wigley, Gail Rosalind, B.Sc., Zoology IIA -	1967	Orchard, Anthony Edward, B.Sc., Botany I -	1968
Wright, Richard George, B.Sc., Geology IIB		Pellen, Robin Victor, Mathematical Physics	
Zwiguil, Maris, B.Sc., Geology IIA -	1967	IIB -	1968
Baldo, Brian Angelo, A.U.A. (Pharmacy),		Phillips, Donald Ralph, B.Sc., Physical and	
B.Sc., Microbiology IIA -	1968	Inorganic Chemistry IIA -	1968
Barclay, Christopher John, B.Sc., Geology IIA		Ratcliff, Douglas, B.Sc., Mathematics I -	1968
Baxter, Jeffrey Peter, B.Sc., Mathematics IIB		Reed, Philip James, B.Sc., Physical and	
Bonnett, John Charles, B.Sc., Mathematics IIA		Inorganic Chemistry IIA -	1968
Braysher, Michael Leonard, B.Sc., Zoology I -	1968	Risticz, Alexander, B.Sc., Computing Science	
Brown, Nicholas, B.Sc., Physics IIA -	1968	I -	1968
Burridge-Sibbons, Christine Florence, B.Sc.,		Roberts, Timothy Kilgour, B.Sc., Microbiology	
Organic Chemistry IIA -	1968	IIA -	1968
Butler, Alan John, B.Sc., Zoology I -	1968	Ross, Robert Harvey Montgomery, B.Sc.,	
Chambers, Susan, B.Sc., Mathematics IIA -	1968	Organic Chemistry IIA -	1968
Chaufah, Tisavipat, B.Sc. (Western		Rowe, Jeffrey Edward, B.Sc. Organic	
Australia), Microbiology IIA -	1968	Chemistry IIA -	1968
Curnow, Christopher Neil, B.Sc., Geology IIB		Rungie, John Michael, B.Sc., Botany I -	1968
Daniels, Brian Keith, B.Sc., Mathematics IIA		Russo, Eugene, B.Sc., Computing Science IIB	1968
Denton, Robin Eric, B.Sc., Physics IIA -	1968	Schroder, Clare Rebecca, B.Sc., Zoology IIA -	1968
Dixon, Hugh Woodyatt, B.Sc., Geology IIB -	1968	Sexton, Leo Francis, B.Sc., Physics IIA -	1968
Doble, Peter Gordon, B.Sc., Computing		Silis, Maris, B.Sc., Zoology IIA -	1968
Science IIA -	1968	Simon, Leon Melvyn, B.Sc., Mathematics I -	1968
Doube, Bernard Michael, B.Sc., Zoology IIA -	1968	Simons, Brian Keith, B.Sc., Organic Chemistry	
Duke, Roger William, B.Sc., Mathematics I -	1968	I -	1968
Edwards, Janice Roslyn, B.Sc., Zoology IIA		Smith, Roger Neville Earle, B.Sc., Physics IIA	1968
Farrant, Robert Kennion, B.Sc., Biochemistry		Sparrow, Graham Jeffrey, B.Sc., Physical and	
IIA -	1968	Inorganic Chemistry I -	1968
Field, Donald William, B.Sc., Physics I -	1968	Spencer, Gregory James, B.Sc. (Western	
Field, John Benjamin Francis, B.Sc., Mathe-		Australia), Mathematics IIB -	1968
matics IIB -	1968	Stewart, Ian Charles Fergusson, B.Sc., Physics	
Freckelton, Douglas John, B.Sc., Physiology		IIA -	1968
IIA -	1968	Stoneman, Terry Ian, B.Sc., Organic Chemistry	
Gardner, James Laurie, B.Sc., Physics I -	1968	IIA -	1968
Gerlach, Rodney Vernon, B.Sc., Physics IIA -	1968	Tan, Cheng Seh, B.Sc., Biochemistry IIB -	1968
Girolamo, Mario, Physical and Inorganic		Taplin, John Eaton, B.Sc., Psychology IIA -	1968
Chemistry I -	1968	Taylor, Malcolm Victor, B.Sc., Physics IIB -	1968
Goodwin, Robert Douglas, B.Sc., Physics IIA		Taylor, Patricia Helen, B.Sc., Biochemistry	
Gray, Christopher Martinson, B.Sc., Geology I	1968	IIA -	1968
Hall, Terry Marsden, B.Sc., Biochemistry III		Taylor, Peter James, B.Sc., Mathematics IIA	1968
Harding, Harry William John, B.Sc., Bio-		Thompson, James Edmond, B.Sc., Mathematics	
chemistry IIA -	1968	IIA -	1968
Harman, Christopher John, B.Sc., Mathematics		Treilibs, Verner, Mathematics IIB -	1968
IIA -	1968	Trenery, Dennis William, B.Sc., Mathematics	
Harris, Raymond John, B.Sc., Biochemistry		I -	1968
IIB -	1968	Tuohy, Ian Ronayne, B.Sc., Physics IIA -	1968
Hodgeman, Daryl Kimberley Cameron, B.Sc.,		Urch, Ian Harold, B.Sc., Physics I -	1968
Organic Chemistry I -	1968	Walsh, Robert Leo, B.Sc., Biochemistry IIA	1968
Inkster, Graeme Thomas, B.Sc., Organic		Watkins, Keith James, B.Sc., Mathematics IIA	1968
Chemistry IIB -	1968	Weller, Theo Rudolf, B.Sc., Physics IIA -	1968
Ives, Penelope Margaret, B.Sc., Zoology I -	1968	Wellington, Robert Paul, B.Sc., Physical and	
James, Christopher John, B.Sc., Physical and		Inorganic Chemistry IIB -	1968
Inorganic Chemistry I -	1968	White, Peter Yelland, B.Sc., Organic	
Keene, Frank Richard, B.Sc., Physical and		Chemistry IIA -	1968
Inorganic Chemistry I -	1968	Whitford, Anthony Kenneth, B.Sc., Mathe-	
		matics IIA -	1968
		Wiseman, Michael, B.Sc., Physics IIA -	1968



FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere	1946	Haig, Douglas John	1968
Abbott, Herbert Lewis	1933	Hall, Robert Fishburn	1936
Adeock, John Bartlett	1931	Halliday, Richard Craven	1968
Alderman, Henry Graham	1917	Hann, George Adrian	1966
Alderman, John Kevin	1938	Harders, Clarence Waldemar	1943
Alderman, John Robinson	1950	Hardy, John Scott	1926
Alderman, Patric Graham	1961	Harford, Basil Beverley	1928
Andersen, Neville Paul	1962	Hargrave, Charles Townshend	1904
Ashton, Edward James Wilberforce	1896	Hargrave, Lancelot Morton Spiller	1921
Ashton, Thomas Edward	1941	Harry, Richard Varley	1937
Astley, Michael John	1950	Harry, Jonathan Romilly	1967
Atkinson, Alfred Harris Owst	1900	Hay, Frederick Dean	1934
Badger, Magnus	1918	Hayward, Cedric Charlie	1923
Bakewell, William Kenneth	1908	Healy, Kevin John Bernard	1915
Beerworth, William Carl	1932	Heseltine, Samuel Richard	1903
Bennett, Henry Trevor	1949	Heuzenroeder, Rudolph Hermann	1913
Bentley, Ronald Richard	1966	Heuzenroeder, William Ritter	1929
Bills, Anthony McAusland	1967	Hilton, Keith Denyer	1947
Borick, Susan Jacqueline	1968	Hodby, Herbert Charles	1922
Boucaut, Douglas le Rey	1927	Holland, George Harold	1920
Boucaut, George Hiles	1906	Holland, William Corin	1909
Boucaut, Ian Penn	1930	Hollidge, Graeme Wyndham	1968
Brebner, Charles Ross	1953	Homburg, Hermann	1896
Bright, William Stuart	1904	Homburg, John Hamilton	1939
Buttrose, Murray	1927	Homburg, Peter John	1964
Carne, Alfred George	1931	Homburg, Renolf	1929
Cheek, Reginald Heithersay	1921	Homburg, Robert	1897
Chiberas, Stays	1956	Humby, Rexton James	1943
Claridge, Philip James	1947	Hunt, William Robert	1919
Clark, John Osborne	1935	Hutchison, Charles Vernon Stuart	1937
Clarke, Gregory Ronald Alfred	1965	Innis, Kenneth Norman	1925
Clarke, Laurence Eric	1920	Jacobs, Samuel Joshua	1946
Cleland, Peter Fullerton	1939	James, Alfred Charles	1899
Cleland, Thomas Erskine	1919	Jessup, George Aubrey	1933
Cocks, Arthur Wellesley	1936	Johnson, James Howard	1900
Collins, Dean Francis	1947	Johnston, Laurence Frederick John	1931
Collison, Frank Lloyd	1926	Jordan, David Wallace	1949
Colquhoun, Colin Roy	1928	Kearney, Beasley James William	1925
Colton, Brian Desmond	1967	Keats, Frederick Phillips	1909
Coventry, Charles James	1911	Kelly, Brian St. Leger	1964
Cresswell, George Edwin	1929	Kennedy, Donald Angus	1904
Cutlack, Peter Robert	1926	Kerin, William Francis	1944
Daly, Kevin Joseph	1943	Kinnane, Alexander John	1935
Davenport, Arthur Vernon	1916	Kiosoglous, John Antoine	1964
Davey, John Ryan	1938	Kirkman, Kenneth Hainsworth	1918
Davey, Robert Shannon	1915	Kitchen, Barrie	1965
Davies, Cecil Ernest	1928	Lake, Clement William Hingston	1907
Davies, Dean Charles	1964	Leslie, John	1922
Davis, Raymond William	1934	Lewis, John William	1967
Davison, John Hubert Hawdon	1908	Lewis, Stanley Heathcote	1927
Davoren, Michael Dominic	1940	Little, Egbert Percy Graham	1898
Davoren, Thomas Anthony Francis	1937	McCann, William Francis James	1925
Dawe, Reginald Stanley	1936	McCarthy, James Crimeen Ellery	1925
Denny, William Joseph	1908	McCarthy, Neil Douglas	1955
Dow, Ian Baird	1949	McEntee, Kevin Vincent	1931
Edmunds, Keith Stacey	1937	McEwin, George	1897
English, John Arthur	1952	McGee, Edward Patrick	1933
Ferdinandy, Laszlo	1958	McGee, John	1916
Fischer, Robert John	1949	Mackay, Alan Justin	1936
Fisher, Francis Robert	1949	Mackenzie, Charles Norman	1909
Fisher, Guy	1920	McLachlan, Ian	1932
Fleming, Stanley Hugh	1902	McLeay, Marshall John	1927
Fletcher, John Weld	1940	Magarey, Ashley Henderson	1932
Floreani, Robert Franco	1965	Marshall, John	1951
Fox, John Henry	1895	Martin, Hugh Wallis	1920
Fricke, Malcolm Swanson	1956	Martin, John Robert Day	1968
Gajewicz, Jerzy Jakob	1965	Mathews, Llandaff Brisbane	1924
Gask, Richard Gerald	1968	Matulich, Ross Noel	1949
Gelston, Hedley Ringrose	1914	Mellor, James Corry	1949
Genders, Alexander Forbes	1949	Mellor, Thomas Reginald	1915
Gibson, Reginald Mends	1923	Matson, Victor Charles	1945
Gifford, Alfred Silva Harrill	1919	Menzies, Stewart Keith	1937
Giles, Acland	1905	Michell, George Wilfrid	1920
Gillman, Joseph Fisher	1921	Michell, John Elsome	1923
Goldsworthy, Napier Lytton	1949	Millhouse, Vivian Rhodes	1925
Goldsworthy, Spencer Gordon	1916	Mills, Elliott Whitfield	1940
Goldsworthy, William Beazley	1903	Mollison, Thomas	1928
Goode, David Russell	1949	Morris, Gronwy Lewis	1932
Goode, Evan Anderson	1926	Muirhead, Dennis Richard	1965
Gordon, Leslie Kenneth	1947	Muirhead, Henry Mortimer	1909
Grubb, Roy William	1949	Mullighan, Edward Picton	1962
Gun, Anthony Townsend	1963	Mutton, Carlyle Herbert	1938
Gun, Clement Townsend	1920	Napier, Robert Mellis	1936
Gun, John Townsend	1953	Nesbit, Hubert Gordon Pariss	1915
Gun, Lloyd Townsend	1949	Nesbit, Lancelot Julian	1925
Hague, Percy	1897	Nesbit, Reginald George	1900

Newman, Douglas Ralph	- - - - -	1949	Smith, Francis Villeneuve	- - - - -	1906
Newman, Lloyd Kingsley	- - - - -	1962	Smith, Francis Vyner	- - - - -	1960
Newman, Ralph Frederic	- - - - -	1921	Smith, Paul Teesdale	- - - - -	1920
Nicholls, Theodore Henry	- - - - -	1900	Solomon, Helen Ethel	- - - - -	1933
Nickolls, Peter Michael	- - - - -	1952	Solomons, Phillip Roland Nathan	- - - - -	1939
Nitschke, Galva Dennis	- - - - -	1954	Somerville, Archibald John	- - - - -	1952
Nuske, Sydney Gordon	- - - - -	1954	Sowry, Peter Reginald	- - - - -	1960
Odlum, Reginald Lance	- - - - -	1937	Sparrow, Cyril Keith	- - - - -	1921
O'Grady, Francis Ignatius	- - - - -	1939	Steiner, Margaret	- - - - -	1967
Owen, William Frederick	- - - - -	1906	Stokes, Robert Francis	- - - - -	1938
Parmanandam, Vijaya	- - - - -	1965	Sutherland, Allan James Lavis	- - - - -	1919
Pavy, Emily Dorothea, B.A.	- - - - -	1928	Swan, William Alfred	- - - - -	1948
Pavy, Gordon Augustus	- - - - -	1924	Sweeney, John Grant	- - - - -	1915
Pearce, Peter Sydney	- - - - -	1956	Sykes, Howard de Pledge	- - - - -	1936
Pearson, Charles Mason	- - - - -	1917	Tapley, Willis Wayte	- - - - -	1909
Penna, Luigi	- - - - -	1965	Thiele, Dolek Henry	- - - - -	1965
Penny, Bertram Stephens	- - - - -	1908	Treloar, James Leonard Sydney	- - - - -	1923
Philcox, Claude Joseph Owen	- - - - -	1929	Tucker, Reginald Mervyn	- - - - -	1915
Povey, Edward	- - - - -	1916	Vandenbergh, William John	- - - - -	1896
Power, Barry Patrick	- - - - -	1964	Von Bertouch, Leopold	- - - - -	1920
Power, Louis Bertrand	- - - - -	1937	Von Doussa, Stanley Bowman	- - - - -	1901
Puddy, Albert Forwood	- - - - -	1934	Von Doussa, William Louis	- - - - -	1924
Pyne, William Ewart	- - - - -	1915	Von Muenster, Egon Jenö Mario Nemesmono-	- - - - -	1966
Rankin, Henry Oliver Arthur	- - - - -	1912	story	- - - - -	1923
Reed, Douglas	- - - - -	1940	Wald, Irving Dale	- - - - -	1960
Reeves, Charles Wheatley	- - - - -	1924	Wallace, Anthony Verschuer	- - - - -	1961
Regan, James William	- - - - -	1913	Wallace, James Angove	- - - - -	1920
Reid, Walter Gliddon	- - - - -	1909	Wallace, Norman Verschuer	- - - - -	1900
Reilly, Matthew Leonard	- - - - -	1939	Ward, Henry Torrens	- - - - -	1911
Roberts, Donald Arthur	- - - - -	1912	Warren, Sydney John	- - - - -	1903
Rollison, Gerald Dominic	- - - - -	1927	Weaver, Alfred Charles	- - - - -	1930
Rollison, William Alexander	- - - - -	1915	Webb, Beecher Noel	- - - - -	1934
Ronald, Stewart Douglas	- - - - -	1910	Whimpress, Thomas Abraham	- - - - -	1962
Rutter, George Lyall	- - - - -	1920	Wilkinson, John Maynard	- - - - -	1946
Rymill, Arthur Campbell	- - - - -	1928	Williams, Dudley Charles Call	- - - - -	1925
Sampson, Joyce Holman	- - - - -	1952	Williamson, James Aubrey	- - - - -	1932
Sanderson, Kenneth Francis Villiers	- - - - -	1918	Worth, Frank Lindsey	- - - - -	1923
Scales, Philip George	- - - - -	1965	Wright, Sydney Charles Grenville	- - - - -	1930
Shepherd, Joseph Scoresby	- - - - -	1899	Yelland, Dene Sturt	- - - - -	1933
Shepherd, Scoresby Arthur	- - - - -	1957	Young, Martin	- - - - -	1919
Smith, Frank Seymour	- - - - -	1914	Ziesing, George Ignatius	- - - - -	



## ASSOCIATES AND DIPLOMA HOLDERS OF THE UNIVERSITY

## ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond	1960	Beaumont, Dorothy Mary	1963
Adams, Brian James	1965	Beck, Judith Ann	1965
Adams, Colin Travers	1962	Becker, Roy Colin (surrendered 1965)	1959
Adams, Dianne Kay	1968	Beckett, Doreen	1968
Adams, Ian Sorby	1961	Beckwith, Robert John (surrendered 1968)	1966
Adams, James Harold (surrendered 1964)	1959	Beer, Peter John	1961
Adams, Malcolm Thomas	1952	Beer, Robin Phillip	1965
Adey, Kym Llewellyn (surrendered 1968)	1966	Beilby, Shirley May	1954
Ahrens, Elsie Gladys (surrendered 1955)	1951	Beinke, Patricia Joan	1968
Aird, Graham Ronald	1968	Bell, Kenneth Robert	1961
Aitchison, John William	1963	Bennett, Henry Russell	1948
Alexander, Stuart Dixon	1952	Bennett, Joan	1966
Allard, Victor John	1965	Bennett, Malcolm John Lloyd Strathmere	1965
Allen, Mary Magdalene	1965	Bennetts, Lloyd Neville	1963
Anders, Beverley Margaret	1958	Bentley, Christine Joy	1967
Anderson, Welwood Leslie	1963	Berg, Carlene Robin	1959
Andrew, Russell	1960	Bernard, Dorothy Adele James	1958
Andrews, David Francis William	1948	Berry, Christine (surrendered 1963)	1961
Andrews, Elizabeth Jean	1968	Berry, Elizabeth-Anne	1962
Andrews, Marie Ellen	1967	Best, Mary Irene (surrendered 1967)	1964
Andrews, Rosemary Alison	1953	Biddle (nee Richards), Mary Elizabeth	1948
Annels, Ross Maxwell	1965	Biggood, Ean Cornelius	1967
Appels, Louise	1966	Bieske, Elaine Alison, B.Sc.	1962
Appleby, Jane Catherine	1966	Billing, Elizabeth Margaret	1960
Arbery, James Herbert (surrendered 1959)	1957	Bills, Barbara Alison	1959
Argyle, Barry	1954	Bilske, Raymond James Robert	1966
Armitage, Bessie Eleanor Mildred	1949	Birks, Stuart Napier	1962
Armitage, Janet Irenie (surrendered 1968)	1966	Black, Anne	1966
Armour (nee O'Leary), Patricia (surrendered 1966)	1950	Black, Jill	1959
Armstrong, Peter John (surrendered 1968)	1964	Blacket, Muriel Kirin	1960
Arnold, Lea Catherine	1964	Blackman, Donald Oliver	1964
Arnold, Roy Lindsay	1968	Blake, Ronald	1961
Arthur, Kateryna	1965	Blumson, Valerie Margaret	1967
Ashenden, Dean John (surrendered 1964)	1962	Bonnett, Victor Walter Lincoln	1954
Ashenden, Edward Scott	1961	Boehm, Kaylene Mary	1960
Ashton, Walter Ray	1950	Borlase, Jillian Enid	1966
Aspinall, Nancy Jean	1951	Bormann, Malcolm Carl	1959
Atkin, Jack Taylor	1955	Bosworth, Catherine Jean	1951
Aubert, Graham James	1958	Bottomley, Rosemary	1967
Auhl, Ian Leslie	1952	Bourman, Robert Peter (surrendered 1967)	1960
Aylesbury, Colleen Valma Grace	1959	Bourne, Margaret Cornelius	1949
Baddams, Alfred William	1962	Bowden, Barrie Strathmore (surrendered 1966)	1965
Bahr, Margaret Heather	1968	Bowden, Janet	1951
Baile, Donald William	1956	Bowler, Mary	1949
Bails, Dennis Graham (surrendered 1966)	1959	Bown, Henry Theobald	1949
Bain, Barrington Walter (surrendered 1968)	1960	Boyd, Clifford Herbert	1965
Bain, Dean Rollo	1959	Boyd, Pamela Helen	1963
Baird, Alexander William	1959	Bradock, Leslie Gordon	1964
Baird, Rachel Mary	1949	Braendler, John Edward (surrendered 1967)	1964
Baker, Brenton Rex	1967	Braham, Henry Arnold Collyer (surrendered 1959)	1949
Baker, Brian Reginald	1962	Brand, Janice Margaret	1962
Baker, Harvey Laurence	1950	Brand, Valerie Mildred	1960
Baker, Marie Elisabeth	1966	Braunthal, Robert Frank	1968
Bald, Percy Melville	1964	Brereton, Brian Edward	1965
Balfour-Ogilvy, David	1967	Brereton, Ray Ernest	1965
Ballantyne, Christopher George Henry, B.Sc.	1966	Brideoake, Philip Grant	1968
Ballinger, Marie Elizabeth (surrendered 1966)	1965	Brideson, Colin Herbert (surrendered 1966)	1950
Baltusaitis, Kas	1967	Bridgland, Margot Elizabeth	1953
Banks, Jessie Mary	1962	Bright, Esther Hollidge	1960
Barclay, Barrey Ballington	1957	Britton, Robert John (surrendered 1966)	1960
Barker, Leon James Frank	1952	Broadbent, Colin Lindsay	1964
Barker, Nancy Elizabeth	1961	Broadbent, Dean MacArthur	1965
Barr, Gweneth Janet	1957	Brockhoff, Carol Faith	1960
Barr, Trevor Frank (surrendered 1966)	1961	Brockhouse, Brenton Fendley	1967
Barr, Trevor Marshall	1961	Brockhouse, Grant Lindley	1967
Barratt, Christopher Holland	1961	Brocksopp, John Ernest, LL.B.	1951
Barrett, Donovan Thomas (surrendered 1967)	1959	Broderick, John Stephen	1967
Barrett, Wendy Joan	1964	Brodie, Elizabeth Anne	1964
Barry, Anne Madeleine	1963	Brooks, Mervyn Leslie, B.Sc.	1965
Bartlett, Roland John	1968	Brooks, Robert John	1966
Bartley, Helen Louise (surrendered 1962)	1959	Brooks, William Charles (surrendered 1967)	1963
Bartram, John Douglas	1962	Brown, Bruce Ambrose Hampson	1960
Bastian, Elwin Scott (surrendered 1956)	1952	Brown, Kathryn Anne	1967
Bauerchse, Thomas Robert George	1965	Brown, Norman (surrendered 1952)	1951
Bawden, Maxwell John	1958	Brown, Patricia Lorraine	1958
Baxter, Ladislus Edward	1949	Browne, Heather Mary	1967
Bayly, Elizabeth	1948	Browne, Murray Collis	1966
Beare, Lynden Day (surrendered 1960)	1955	Browne, Thomas Joseph	1957
Beare, Lynette Barbara	1959	Brownson, Janet	1967
Beasley (nee Ford), Beverley	1958		
Beasley, Victor John (surrendered 1957)	1955		
Beaton, Kenneth Murray	1958		
Beaty, Arnold Keith	1952		

Bruggemann, Richard Norman (surrendered 1968)	1966	Clements, John Wreford (surrendered 1963)	1958
Bruse, Dale Marvyn	1968	Clezy, Alethe Kathleen	1956
Bryans, Kathleen Nancy	1967	Clifford, Joyleen May	1964
Bryson, Margaret Elise (surrendered 1966)	1964	Clode, Jillan Fay	1966
Buchanan, Nedra Maurine	1966	Cochrane, Heather Bernice	1954
Buckley, Rosemary	1968	Coggins, Harold Douglas, B.Sc.	1954
Buick, William George (surrendered 1956)	1950	Coggins, Jean Evelyn	1961
Bull, Keith Charles	1962	Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951
Burchell, Heather Jane	1967	Coker, John Godfrey (surrendered 1967)	1954
Burdett, Murray Alfred	1968	Colegate, Keith Meleng	1966
Burfield, Gillian Elizabeth	1963	Coleman, Mostyn John	1964
Burfield, Margaret Elizabeth	1956	Coles, John Lawrence (surrendered 1967)	1962
Burfield, Philip Allan (surrendered 1967)	1961	Collins, Geraldine Ray	1961
Burford, Lynette (surrendered 1966)	1965	Collins, Henry Angus	1959
Burgan, Owen Sylvester	1948	Collins, Patricia	1960
Burgan, Owen Thomas Sambell	1963	Combe, Christine Ruth	1967
Burger, Janet Ann	1958	Conley, Joanne Margaret	1967
Burley, Betty Ellanora Dawn	1951	Conley, Michael Joseph (surrendered 1968)	1963
Burnard, Charles Robert	1948	Connor, Maxine Sandra	1965
Burns, Esther	1948	Conroy, Frances Margaret	1966
Burns, Robert Alexander	1951	Considine, Thomas John	1950
Burrow, Joy Rosemary	1964	Conway, Brenton James	1966
Burrows, Natalie Joyleen (surrendered 1966)	1964	Cook, Colin George	1951
Burton, Lorraine Anne	1961	Cook, Dorothea Joy	1961
Burville, Thomas George Theodore	1952	Cook, Owen Gladstone	1951
Bury, Warren Richard (surrendered 1965)	1963	Cook, Susan Marilyn	1967
Butcher, Colin Sydney (surrendered 1967)	1951	Cookson, Brian James (surrendered 1968)	1966
Butcher, Lorraine	1968	Coombs, Ruby Rachel	1953
Butler, Francis James	1948	Cooper, Rodger Keith	1966
Butler, Kenneth	1963	Coppock, Alfred Arthur	1950
Button, Trevor Martin (surrendered 1968)	1966	Coram, Allan James	1964
Buttrose, Stroma	1951	Cordes, Cedric Murray	1964
Buxton, Gordon Leslie (surrendered 1962)	1955	Cornelius, Dorothy Clare	1962
Byerley, Ernest William	1963	Correll, Meredith Anne	1962
Bywaters, Mary Barfield (surrendered 1965)	1951	Cosh, Patricia Elva	1966
Cadd, Paul	1961	Cotton, Clare Isabella	1961
Cameron, John McFarlane (surrendered 1968)	1966	Couch, Pamela Lyn Stacey	1963
Campbell, Barbara	1950	Couche, Leslie James	1968
Campbell, John Alexander	1966	Coulson, Rixende Edith Caroline	1965
Canning, Secsa Sunbeam	1960	Coulter, Frank (surrendered 1966)	1961
Carle, Judith Anne	1959	Court, Fay Esme (surrendered 1966)	1965
Carmichael, Barry Marshall (surrendered 1966)	1962	Cousins, Georgena Millicent (surrendered 1966)	1949
Carmichael, Donald Ross (surrendered 1950)	1949	Couzner, Francis Keith	1966
Carpenter, Ivor Vernon	1961	Cowan, Malcolm Dean	1968
Carroll, Janice Deidre	1968	Cowley, Lorine Joan	1952
Carter, Janine	1967	Cox, Barbara Caroline	1962
Carthew, Ross Ernest	1960	Cox, Margaret Helen	1960
Casson, Peter Norman	1964	Cozens, Samuel Sydney	1963
Castine, Kathryn Vair	1965	Crabb, Rex Arthur (surrendered 1967)	1965
Catchlove, Jeffrey Edward	1967	Cracknell, Vernon John	1959
Caudle, Julie Christine (surrendered 1967)	1964	Craddock, David John	1966
Cavenett, Horace Clifford	1948	Crafter, Robert Roy, A.U.A. (Phys. Ed.)	1965
Ceglar, Boris John	1967	Crannaford, Barry John (surrendered 1966)	1963
Cerchez, Michael Stephen	1966	Crick, Beverley Joan (surrendered 1967)	1963
Chalklen, Dorothy Anne	1964	Crick, Pamela Anne	1960
Chamberlain, Elizabeth Rose	1965	Crisp, Denis Olley	1966
Chamberlain, Glen Jonathan	1965	Crittenden, Margaret Ann	1965
Chambers, William Bruce	1966	Croft, Barry John	1966
Champion, Dorothea Hedwig	1958	Croft, Frances Christine	1966
Chandler, Douglas Norman	1951	Cropley, William Haywood	1958
Chandler, Helen Elizabeth	1968	Cross, Jack (surrendered 1957)	1953
Chappel, Raylene Beatrice	1966	Crotty, Margaret Audrey	1962
Chappel, Shirley Joan (surrendered 1959)	1956	Crouch, Stuart Samuel	1956
Chapman, Kathrine Mary	1962	Crowthier, Frederick John (surrendered 1968)	1963
Chard, Geoffrey William Francis	1966	Cunningham, Barry Joseph	1965
Charlesworth, George Harvey (surrendered 1953)	1950	Cunningham, John Sydney	1962
Charlesworth, Jennifer Joy (surrendered 1964)	1957	Cupples, Sylvia Joyce	1956
Charlesworth, Joan Ann	1954	Curran, Eileen Ann	1966
Chase, Allen John	1967	Curtis, Carol June (surrendered 1967)	1964
Chester, Leonard Raymond, B.Sc.	1967	Curtis, Colin Kingsley	1965
Chettle, Alison Rosemary	1962	Dabars, Maris	1967
Childs, Garry Herbert (surrendered 1967)	1966	Dadds, Brian James	1959
Chinnick, Richard Lionel	1954	Dadliff, Amette Thelma (surrendered 1966)	1962
Chirgwin, Richard Joseph	1962	Daenke, Eric	1948
Chittleborough, Janet Mary	1965	Dahl, James Oliver	1949
Christopher, Glensy Joan	1963	Daish, Marlene Anne	1965
Cibich, Geoffrey Ronald	1967	Daly, Kathleen Heather	1967
Cinzio, Aldo Guiseppe	1960	Dalzell, Josephine Nicholson (surrendered 1965)	1963
Clancey, Peter Allan (surrendered 1962)	1953	Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.)	1962
Clapp, Edwin Kenneth Hamilton	1960	Dangerfield, Graham Lance	1963
Clark, John Stephen	1951	Daniel, John Robert	1964
Clark, Marjorie Hilda (surrendered 1967)	1960	Daniels, Catherine Jill Denise	1968
Clarke, Brian Russell, B.Sc.	1961	Daniels, Jeffrey Gordon	1965
Clarke, Margaret Anne	1948	Darby, Ruth Mary	1949
Clarke, Ruth Mary	1949	Davey, Heather Jean	1967
Clayfield, James Ernest	1968	Davey, Kenneth Llewellyn James (surrendered 1968)	1953
Cleggett, Brenda Fay	1965		

Davies, Christine Anne	1963	Eglinton, Helen Christine (surrendered 1968)	1966
Davies, David Alwin (surrendered 1967)	1956	Ekins, William Gray (surrendered 1968)	1955
Davies, David William (surrendered 1968)	1950	Elliot, Raymond Alan	1967
Davis, Brian	1949	Elliott, Rodney Gordon, (surrendered 1966)	1964
Davis, Christine Elizabeth	1965	Elmering, Ebba-Christiane	1965
Davis, Frederick Harry (surrendered 1955)	1954	England, Barbara Winsome (surrendered 1964)	1963
Davis, Leo Robert	1963	Erlanger, Henriette	1962
Davy, Alma Joan	1961	Erskine, John Robert	1964
Dawe, Jennifer Judith	1965	Esselbach, Rodney (surrendered 1956)	1953
Dawe, John Francis Ernest	1963	Evans, Ben Owen	1950
Dawes, Walter Ernest (surrendered 1954)	1949	Evans, Darrel Bruce	1964
Dayman, John Maxwell	1963	Evans, Frank Brian	1968
Dean, Daniel Frederick (surrendered 1968)	1959	Evans, Kathleen Mary	1965
Deer, Elsie Joan	1964	Evans, Malcolm Norman (surrendered 1968)	1965
De Ionno, Maria	1966	Evans, Peter	1953
De Laine, Pamela Joy	1966	Evers, Josephine Anne, A.U.A. (Physical Education)	1967
Della-Putta, Bice (surrendered 1968)	1964	Fagan (nee Michael), Agnes Ruth	1955
Delsar, Frederick William	1949	Farmer, Geoffrey Arthur Jessop	1956
De Marchi, Linda Angela	1963	Farrant, Brian Sinclair	1965
Dempster, Beryl Joan (surrendered 1963)	1961	Farrow, Robert Murray (surrendered 1956)	1950
Dempster, Donald	1949	Fatchen, Winsome Genevieve	1963
Dening, Patricia Joan (surrendered 1958)	1956	Faull, James Francis (surrendered 1967)	1957
Dennan, Trevor John	1968	Fechner, Ronald Kevin	1955
Dent, Ronald Thomas Stewart	1952	Fehlberg, Albrecht Joachim	1955
Dewar, David Gavin	1966	Feineler, Josephine Mary (surrendered 1962)	1958
Dickinson, Gwladys Margaret	1958	Fenwick, George William (surrendered 1968)	1963
Dillon, Gerald Alexander, B.A., B.T. (Calcutta)	1958	Fenwick, Margaret Jean, A.U.A. (Phys.Ed.)	1961
Dillon, John Brian	1968	Fergusson, George Robert (surrendered 1953)	1948
Dillon, Neralie Anne (surrendered 1961)	1957	Fewings, Anne Lisa	1968
Ding, Graham John	1961	Fewster, Ian Robert	1964
Dinning, Neville Wayne	1967	Fielke, Robert John	1960
Dixon, James Elmslie (surrendered 1966)	1957	Findlay, Anthony Robert Charles	1963
Dobner, Coralie Ann	1959	Fisher, Allan Lance	1966
Dobner, Frederick Jack Pozieres	1956	Fisher, Robert William	1965
Dodd, Adrienne Lesley (surrendered 1968)	1964	Fitch, Nancy Jean	1949
Dodd, Josephine Joyce	1962	Fitzgerald, Clarence Lindsay (surrendered 1952)	1949
Dodd, Margaret Helen	1965	Fitzgerald, Peter Lawrie (surrendered 1967)	1963
Dodd, Robert James	1968	Fitzgerald, Shirley Helen	1968
Dodsworth, Ian Innes	1963	Fitzpatrick, Kathleen Mary	1967
Dolling, Alison Mary	1960	Flatman, Lawrence Paul	1967
Dolensky, Winfried	1965	Fletcher, Diana Kay	1962
Donaldson, Susan	1966	Flint, Margaret Leighton	1968
Donohoue, Irene	1965	Fliszar, Beatrix	1960
Donohue, Keith Arthur (surrendered 1968)	1965	Flower, Richard Thomas	1963
Doolan, David Angus	1966	Floyd, Dennis Sinclair	1961
Dorman, Jean Alison	1951	Flynn, John Leslie	1966
Dougherty, Ronald James	1963	Fopp, Brian Paul	1959
Douglas, John Robert (surrendered 1967)	1966	Forde, Neville	1965
Dowell, Anne	1961	Foweraker, Alma Muriel	1950
Dowdy, Esmond Wayne	1967	Fowler, Ian Albert	1960
Dowley, David James (surrendered 1968)	1965	Fox, Patricia Anne	1967
Dowley, Pamela Anne	1962	Francis, Lindsay Edward (surrendered 1967)	1961
Downing, Frank Charles Richard	1964	Francisco, Marcella Maureen	1967
Drilling, Dean Anthony	1966	Frank, Walter	1960
Driver, Bruce Edwin	1952	Franks, Donald Leonard	1968
Driver, Tess	1962	Franklin, Anthony Paul	1966
Driver (nee Nixon), Valerie Colinette (surrendered 1957)	1952	Franks, Jean Margaret	1965
Drogemuller, Jillian	1962	Fraser, John William	1963
Drummond, Susan Kay	1962	Freidenfelds, Ieva	1961
Duance, Raymond Veer	1965	Fricker, Lourdes Victoria	1951
Duell, Allen John	1951	Friedrichs, Noel Carl	1952
Duff, Donald Ralph	1965	Frisby-Smith, Margaret Joylene	1966
Duffield, Allan Raymond	1961	Fung, Yin Shin, Michael Matthew	1967
Duffield, David William	1966	Furman, Lucy	1968
Duffield, John Richard	1963	Fuss, Patricia Joy	1959
Dunbar, Harry Edward	1953	Gage, Josephine Helen (surrendered 1966)	1958
Dunlop, Walter James (surrendered 1952)	1951	Gale, Milton Ewart	1956
Dunn, Karen Elizabeth	1967	Gallas, David Dalmain	1956
Dunstan, Allan Frederick	1961	Galle, Reginald Victor	1951
Dunstan, Arnold Edward Stanton	1948	Galvin, Patrick John (surrendered 1956)	1953
Dunstan, John Charles	1963	Garbutt, Mary	1954
Dunstan, Leonore Winifred	1958	Gare, Dorothy Lomax	1958
Durbin, Dorothy Joan	1966	Garrett, Karil Mary Faith (surrendered 1965)	1962
Durham, Ashley Morton	1964	Geekie, Ronald Gordon	1955
Dutschke, Janice Joy	1965	Geering, Adrian Douglas (surrendered 1966)	1963
Dyer, Frederick Stephen William	1955	Gent, Alan Peter	1962
Dyke, Thomas Spencer	1967	Gerhardy, Gordon John (surrendered 1962)	1956
Dyster, Colin (surrendered 1964)	1958	Gerken, Dieter Ernst (surrendered 1968)	1963
Dyster, Thomas (surrendered 1953)	1949	Germanas, Rima Anna	1968
Earle, Marilyn May	1962	Gerner, Brian John (surrendered 1967)	1965
Easter, Robert Leslie	1967	Gerner, Gillian May	1962
Easton, Barbara Gay	1968	Gersch, Helen Rexene	1964
Eaton, John	1968	Gibbs, Alfred Lewis Burnand	1948
Eckermann, Norma Marie	1965	Gibbs, Helen (surrendered 1966)	1962
Eckert, Lexley Frank, (surrendered 1966)	1951	Gibson, Helen Edith	1961
Edge, Thomas George, A.U.A. (Phys.Ed.) (surrendered 1963)	1961	Gibson, Margaret Ann	1965
Edmonds, Thomas James (surrendered 1963)	1956	Gibson, Pearl Sandra	1966
Edwardes, Arthur Diedrich	1950		

Giddings, Keith (surrendered 1962)	1958	Hart, Arthur Philip Clarendon	1944
Gidney, Maxine Florence	1957	Hartley, Anne	1959
Gilbert, Marilyn Patricia	1967	Hartley, Barrie Clifford (surrendered 1968)	1967
Giles, James Ramsay	1951	Harvey, Mary Mignon Owen (surrendered 1966)	1955
Gill, Lesley Margaret	1965	Harvey, Robert Lindsay (surrendered 1968)	1967
Gillies, Elizabeth Claire	1959	Haselgrove, Ashlea Patricia	1966
Gilmour, Donald James	1968	Haslam, Robert Alexander	1962
Girdler, Marilyn Jean	1968	Hastwell, Nita Claire	1948
Gladwell, John Neal Thomas	1963	Hastwell, Judith Mary	1962
Glazbrook, Evelyn Marshall	1958	Hastwell, Neville (surrendered 1966)	1960
Glenn, Graham Gordon (surrendered 1958)	1954	Hawes, Gwyneth June	1952
Glover, Geoffrey Edward Harold	1951	Hay, Nancy Evelyn	1952
Glynn-Roe, Wilfrid Joseph	1948	Hay, Sandra Margaret	1968
Gobbett, Donald Lyon (surrendered 1962)	1960	Hayter, Wendy Mae	1963
Godwin, Suzanne (surrendered 1962)	1960	Hayton, Beverley Judith	1966
Golding, Edmond William (surrendered 1951)	1949	Heading, Kaye	1963
Goodall, Colin Charles (surrendered 1968)	1966	Healy, Mary Myrtle	1960
Good, Lynette Margaret	1968	Heaslip, Jeffrey Gordon	1966
Goode, Brian (surrendered 1968)	1966	Hecker, Coral Gladys	1950
Goode, Joy Eleanor	1963	Hefford, Ronald Keith (surrendered 1956)	1951
Gooden, Christabel Anne	1962	Heinrich, Carolyn Anne	1960
Goodman, Geoffrey Thomas	1961	Heinrich, Harold Gordon (surrendered 1956)	1954
Gordon, Bruce Rutherford (surrendered 1964)	1960	Hender, Noel Rex (surrendered 1966)	1965
Govier, Gerald Arthur	1963	Hennesy, Gerald Francis	1963
Gower, Charlie James (surrendered 1954)	1951	Henning, Bronwynne Christine (surrendered 1967)	1965
Grachanin, George	1966	Henschke, Dennis Theodore	1966
Graham, John Robert	1961	Heritage, Enid Helena (surrendered 1961)	1957
Grave, Rosemary Anne	1956	Herriman, Michael Lawrence (surrendered 1966)	1964
Gray, Ian Howard (surrendered 1965)	1962	Hewton, Martin Paul	1965
Grebnoff, Antonina	1962	Hewton, Terence Clement	1967
Green, Ian Edward Charles (surrendered 1963)	1949	Heyne, Ernst Bernhardt	1960
Green, Keryl Margaret	1966	Heysen, Pauline Sylvia	1967
Grierson, Kenneth William	1965	Hicks, Deidre Marie (surrendered 1966)	1961
Griffin, Margaret Elizabeth	1959	Hicks, Lancelot Fry	1951
Griffiths, Trevor Wayne	1965	Higgs, Margaret Mary (surrendered 1967)	1959
Grigg, Marilyn Jeanette	1961	Higgett, Colleen Alma	1968
Grigg, Michael Liston	1959	Hill, Brian Heaton	1954
Grundy, Keith Murray	1963	Hill, Jeanette Anne	1963
Guerin, Albert John	1965	Hill, Mary Jean	1958
Guerin, Mary Eileen (surrendered 1968)	1966	Hill, Victor Arthur	1952
Guerin, Robert	1950	Hillam, Malcolm David	1962
Gunn, Catherine Mary	1966	Hillier, Alister Westford	1957
Gunn, Donald Malcolm (surrendered 1968)	1963	Hilton, Ruth	1958
Gunn, James Allan Baikie (surrendered 1959)	1957	Hines, John Charles (surrendered 1968)	1964
Gurry, David Cyril (surrendered 1964)	1960	Hinkly, Kenneth Paul	1960
Guthrie, Helen Mary	1966	Hinxman, Robin	1963
Guthrie, Roberta Jean Elizabeth	1966	Hiskey, Juliana Mary (surrendered 1966)	1963
Hack, Dianne Mary (surrendered 1968)	1967	Hocking, Edward Bridgman	1951
Hackworth, Anne Elizabeth	1961	Hocking, James Whitfield	1964
Haese, Kevin Arthur	1955	Hocking, Lancelot James	1966
Hagger, Brian Gordon	1963	Hodge, Brian Jack (surrendered 1964)	1963
Hakendorf, Hansie St. Clair	1950	Hodgson, Geoffrey Arthur (surrendered 1965)	1959
Halbert, John Arno, A.U.A. (Phys. Ed.)	1964	Hoffart, Heironymus Frank	1966
Hall, Alan Denis	1965	Hogarth, Thomas Arthur	1961
Hall, Clifford Thomas Robert	1950	Hoile, Mervyn John	1957
Hall, Eryl Leone	1965	Holgate, John Malcolm	1967
Hall, Glenys Christine	1962	Holme, Leon Francis George	1966
Hall, Jillian Elizabeth Mary	1967	Holmes, Beryl Jestina	1963
Hall, Marianne	1967	Holmes, Donald Ralph (surrendered 1968)	1966
Hall, Robert Arthur	1962	Holmes, Edwin Thomas	1957
Hallewell, Audrey Joan	1952	Holmes, Erica Joan	1963
Hallewell, Heather Mary	1961	Holmes, Patricia Langley (surrendered 1958)	1954
Halsey, Trevor Geoffrey (surrendered 1965)	1959	Holt, John Robertson	1964
Hamilton, Ian William	1964	Holthouse, John Lawrence (surrendered 1966)	1962
Hammond, William David	1952	Holthouse, Lindsay Charles	1966
Hancock, Graham Allan	1965	Holyoak, Janet Kay	1959
Hanks, Cynthia Rose	1959	Honan, Margaret Colette	1959
Hanley, Heather Mary	1962	Honey, John Woodville	1961
Hanlon, Donald Ernest	1960	Hood, Ralph	1960
Hanlon, Maureen Annette	1961	Hook, Lorraine Margaret	1966
Hann, Elizabeth Ralph	1966	Hooper, Barbara Nellie	1957
Hannaford, Neville David, A.U.A. (Music)	1965	Hooper, John Robert (surrendered 1959)	1956
Hannaford, Shirley Hayler	1962	Hopgood, Donald Jack	1961
Hansen, Joyce Mae	1966	Horne, Leonard William (surrendered 1968)	1961
Hansen, Norman Victor (surrendered 1965)	1951	A.U.A. (Phys. Ed.)	1962
Harden, Trevor John	1966	Horsnell, Keith Constant	1954
Harper, Brian Youl	1951	Horsnell, Maurice Robert Leslie	1963
Harper, Jane	1967	Horstmann, Elva Grace	1965
Harrington, Archie	1951	Horwood, John	1959
Harrington, Robert Ian	1961	Hosgood, Kathleen Gloria	1966
Harrip, Elva Ray	1950	Hosking, Horace Geoffrey	1957
Harris, Neville Dean (surrendered 1968)	1962	Hosking, William Rex (surrendered 1958)	1951
Harris, Suzanne Ruth	1966	Hoskins, Beverley Anne	1963
Harris, Victoria Mary	1967	Hoskyns, Craig	1968
Harris, Yvonne Margaret	1962	Hossack, Lorraine Claire	1963
Harrison, June Jacqueline	1956	Howell, William Ewart	1950
Harrison, Marie Elizabeth (surrendered 1966)	1964	Howlett, Eric Douglas	1958
Harrison, Mary Elizabeth	1951	Howse, Brian Leonard	1964
Harriss, Henry Thomas	1956		

Hudson, Nancy MacDonald	1954	Kesting, Norman Gustav	1951
Hughes, John	1953	Kibena, Aimi-Lethe	1958
Hugo, Stanley John	1967	Kidman, John Edward	1968
Hull, Iris Doreen	1966	Kidman, Meredith Jean	1967
Humphrey, Ruth Iris Marie, B.Sc.	1958	Kiek, John Rollo (surrendered 1968)	1965
Humphreys, Minnie Rees	1960	Kieselbach, Patricia (surrendered 1961)	1959
Humphries, Arthur Cecil George	1950	Kimber, William Harold	1948
Humphries, Edna Jeanine	1951	Kirke, Joan Mildred	1962
Humphries, Ralph (surrendered 1961)	1959	Kissell, Thomas Alfred (surrendered 1954)	1950
Humphrys, Walter Raymond (surrendered 1967)	1961	Kite, Robert Frederick	1965
Hunter, Maureen Anne	1966	Kitto, Keith Oliffent (surrendered 1965)	1959
Hunwick, Margaret Anne (surrendered 1964)	1959	Klose, Delrene Mary	1963
Hussey, Francis Leitch	1950	Klose, Edwin Francis, B.Sc.	1961
Hutchins, Robert John (surrendered 1967)	1961	Knight, John Michael (surrendered 1966)	1964
Hutton, Walter William	1948	Knight, Robert Andrew	1968
Hutton, Malcolm Austin (surrendered 1963)	1958	Knott, Kingsley Brian (surrendered 1968)	1966
Hynes, Gertrude Doreen	1955	Kohler, Bryce Leonard Percival	1955
Iiffe, Rosa Lorene	1954	Kohlhagen, Junette Frieda	1963
Innes, Michael Francis	1968	Kountoupis, Evagelia	1961
Irrgang, Gladys Ruth	1967	Kowald, Pamela Rosalie	1963
Irving, Annetta Lindsay	1967	Kowalik, Henry Michael	1964
Jackson, Anne Margaret	1966	Kraft, Patricia Mary	1959
Jackson, Brian Murray (surrendered 1968)	1966	Krieg, Terrence Brian	1959
Jackson, Christine Denise	1966	Krieg, Wendy Elizabeth	1966
Jackson, Esther Mary	1952	Kroehn, Joan Margaret	1951
Jackson, John Kevin	1964	Kubank, Judith Lesley	1961
Jackson, Murray Keith Wallace	1960	Kuningas, Mara (surrendered 1968)	1965
Jackson, Peter Alexander (surrendered 1967)	1962	Laidlaw, Valerie	1958
Jakobsen, Hugo (surrendered 1954)	1952	Lambert, Raymond Dean	1968
James, Dianne Marie	1965	Lambert, Thomas Wesley	1966
James, Richard Cecil (surrendered 1954)	1949	Lamborne, Maxwell Addison (surrendered 1954)	1949
Jamieson, Alan Geoffrey	1968	Lamacraft, Kenneth Ronald Ross (surrendered 1953)	1951
Jansen, Coralie Margaret	1965	Lang, Peter Barry (surrendered 1968)	1964
Jansen, Lesley	1965	Lang, Richard Percy	1966
Jaques, Trevor Donald, A.U.A. (Phys. Ed.)	1968	Lange, John Keith	1968
Jaunay, Graham Robert	1968	Langford, Peter Angus (surrendered 1964)	1960
Jeffrey, Deidre	1960	Langford, Irene Eltham	1949
Jeffs, Kathleen Ellinor	1948	Laphorne, Robert Ingersoll, A.U.A. (Phys. Ed.) (surrendered 1967)	1963
Jellett, Suzanne	1963	Larner, Carolyn Miriam	1964
Jenkin, Graham Keith	1963	Laslett, Barbara Rose	1952
Jenkin, Leonard Beo	1954	Laslett, Rosalie Elisabeth (surrendered 1968)	1963
Jenkin, Robert Haydon (surrendered 1962)	1953	Lavskis, Merle Vidvud	1964
Jenkins, Merle Nona	1950	Lawrence, Henry Robert	1963
Jenner, Meryl Joan	1962	Lawson, Joy Rosemary	1956
Jennings, Raelene Anne	1959	Lawton, Patricia Leone	1964
Jensen, Margaret Ann	1968	Laycock, Richard Allen	1965
Jervis, Lindsay Grainger	1967	Leak, Brian Hedley (surrendered 1954)	1952
John, Evan William	1964	Leann, Elizabeth Anne	1964
Johns, Beryl Fay	1952	Leaver, Joelle Batten	1964
Johns, David Colin (surrendered 1968)	1965	LeCornu, Colin George (surrendered 1954)	1951
Johns, Roger Kenneth	1961	Lee, John Malcolm (surrendered 1967)	1959
Johnson, Elizabeth June	1968	Leibie, Albert Lawrence (surrendered 1966)	1952
Johnson, Graham Barry	1965	Leigh, Kathleen Lavinia Anne	1951
Johnson, Ian Charles	1966	Lenke, Mollie Aileen	1958
Johnson, Trevor Graham	1966	Le Page, Ronald Alfred (surrendered 1966)	1965
Johnson, Yvonne May	1966	Letcher, John Robert	1964
Johnston, John Arcus	1959	Lewis, Margaret Jennie	1964
Jolly, Annette Marie	1968	Limbert, Christine Mary	1968
Jones, Helen Margaret	1953	Littlejohns, Arthur Vernon	1966
Jones, Pamela Sandra (surrendered 1966)	1961	Lloyd, Douglas Edwin (surrendered 1966)	1962
Joppich, Oscar Edwin	1954	Lock, Dorothy Marie Jeanne (surrendered 1954)	1950
Joyce, Pamela Beth	1956	Lodge, John Kenneth Hyde (surrendered 1957)	1953
Judd, James (surrendered 1954)	1950	Loffler, Dorothy Grace	1968
Jury, Gay	1962	Longbottom, Maxwell Ernest (surrendered 1962)	1953
Kadow, Constance Evelyn	1960	Love, Robert Stewart	1948
Kahlbaum, Maxwell Robert	1960	Lovelock, Marion Joy	1965
Kain, Helen Rosalie	1966	Loxton, Valerie Jean	1959
Kalnins, Reinis	1965	Lucas, William Thomas (surrendered 1968)	1967
Kane, Leo William (surrendered 1962)	1958	Ludewig, Helen Paula	1965
Kappler, Stewart Garth	1954	Lunnay, Aubrey William	1952
Karutz, Eileen Dorothy	1963	Lyll, Margaret Mary	1954
Kealley, Frank Shenstone (surrendered 1951)	1948	Lyon, Robert James	1965
Keane, Brian Bernard	1962	McCarthy, Anne Elizabeth	1967
Keane, Kenneth John	1951	McCartney, Josephine Mary (surrendered 1968)	1965
Keane, Leonard William Ross	1966	McClaren, James Murray	1959
Kearney, Stanley John	1956	McCormac, Jill (surrendered 1966)	1965
Keech, Kathleen Mary	1968	McCracken, Samuel Raymond	1951
Keen, Judith Marilyn	1965	McDonald, William George Harlowe	1948
Kelley, William Brian (surrendered 1951)	1949	McDowall, James (surrendered 1966)	1952
Kelly, Julie Elizabeth	1962	McElroy, Anthony Godfrey	1949
Kelly, Sheilaigh	1966	McElroy, Barrie Ivon (surrendered 1967)	1960
Kemp, Mervyn Douglas (surrendered 1966)	1964	McElroy, Nancy Isabel	1967
Kennedy, Kathleen Joan	1965	McFarlane, Peter William (surrendered 1967)	1962
Kennedy, Margaret	1967	McGargill, Gordon Winstanley, A.U.A. (Phys.Ed.)	1961
Kennett, Keith Franklin (surrendered 1967)	1962		
Kenny, Matthew Patrick	1965		
Kenyon, Gladys Ruth	1964		
Kermode, Edward Adrian Wilson	1965		
Kernich, Norman	1962		



McGill, Ian Keith (surrendered 1956)	1955	Miller, Kay Leslie	1966
McGill, Maryanne	1968	Milne, Alan Stewart	1965
MacGillivray, Leith Grant	1951	Milner, Leslie Laurence	1963
McGowan, John Joseph	1968	Milway, Russell Henry Oliver	1949
McGowan, Mary Lou	1965	Mincham, Veto Hans	1961
McGuire, Anthony (surrendered 1955)	1952	Mims, William Alfred	1959
McKenzie, Hector Malcolm	1948	Mitchell, Dianne Margaret	1965
McKenzie, John Oswald	1962	Mitchell, Nancy Jean (surrendered 1968)	1959
McKenzie, Judith Kaye	1967	Mitchell, William Ian	1966
McKie, Robert James	1966	Moat, Milton Donald	1959
McKinnon, Bruce John (surrendered 1964)	1959	Molde, Trevor Alexander	1963
McKinnon, Charles Richard	1951	Moody, Robin Charles (surrendered 1967)	1964
McKinnon, Kenneth Richard	1952	Moore, Eric Claude	1953
McKinnon, John Henry	1968	Morcom, Mary Elizabeth	1964
McLay, Andrew Harold (surrendered 1953)	1950	Morris, Denby Lloyd	1965
McLean, Kathleen Alice	1963	Morris, Maxwell Arthur (surrendered 1966)	1956
McLean, Ronald Sinclair Allen	1956	Morris, Rosemary Dawn	1963
McLeod, Fiona Ellen	1961	Morrison, John Colin	1953
McLeod, Murray Robert Love	1949	Mortimer, Munro Robertson	1961
McLiesh, Sandra Joan	1964	Mortlock, Ian Philip	1965
McMahon, Francis (surrendered 1962)	1960	Moss, Denis Phillip, A.U.A. (Phys. Ed.)	1968
McMahon, John Roger	1966	Mott, Kathleen Margaret	1967
McNamara, Robert Patrick (surrendered 1967)	1963	Moule, Helen Rosemary	1963
McNarama, Maurene Rita	1952	Moule, Jefferson David	1967
McPherson, John Roger (surrendered 1965)	1959	Moule, Ronald	1966
McRostie, Keith Henry	1950	Moyle, William George Chittleborough	1961
Mack, Jillian Helen	1968	Mudge, Alfred Clarence	1952
Mableson, Robert Kent	1967	Mugford, Eric Kenwyn (surrendered 1964)	1959
Mader, Conrad Wilfred	1952	Muller, Edda Karin	1965
Madigan, Michele Frances	1965	Muller, Peter Hans Erich	1967
Magray, William Ralph	1952	Mulroney, Leslie Patrick	1950
Magor, William Alwyn Roy (surrendered 1963)	1959	Mundy, Robert Reginald Peter	1951
Maguire, Catherine Rose (surrendered 1965)	1961	Munt, Anne Josephine	1966
Mahar, Alan Dalton (surrendered 1966)	1957	Murchland, Mildred Emily	1949
Majur, Dianne Kaye	1968	Murchland, William Byrne (surrendered 1967)	1957
Malcolm, Judith Anne	1967	Murphy, Deirdre Mary (surrendered 1965)	1960
Maloney, Terrence Bernard	1962	Murray, Beryl Margaret	1957
Manhood, Cleve Charles (surrendered 1962)	1959	Murray, Heather Jean	1953
Manser, William Lloyd (surrendered 1962)	1959	Murrie, Dornice Edith (surrendered 1967)	1965
Mansfield, Richard Charles (surrendered 1966)	1951	Murrie, Elizabeth Leroy (surrendered 1964)	1954
Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954	Murrie, John Douglas	1955
Manuel, Peter James (surrendered 1966)	1964	Nancarrow, Brian James (surrendered 1967)	1964
Maple, Alexander Montrose	1948	Nancarrow, Ethel Rosalie	1961
Marker, Lois Beatrice	1954	Nankivell, Isobel Mabel	1958
Marks, Trevor John	1966	Nankivell, Valmai Dawn	1964
Marmach, Tania	1963	Nankivell, Wesley Robert	1961
Marnham, Raelene Dawn, A.U.A. (Phys.Ed.)	1966	Narroway, Peter Kinsford	1964
Marsh, Douglas Stanton	1959	Nash, David Lawrence	1968
Marsh, Jessamy Joan	1962	Natt, Geoffrey	1950
Marsh, William Clarence (surrendered 1966)	1951	Neale, Warren William Martin	1965
Marshall, William Edward (surrendered 1967)	1960	Nelson, Pamela Rosemary	1956
Martin, Barbara Rose	1962	Nenke, Eric Eugene	1958
Martin, George Stanley (surrendered 1966)	1960	Newbold, Beverley Joan (surrendered 1968)	1959
Martin, Gillian Kaye	1968	Newell, Edward Richard Ireland (surrendered 1967)	1954
Martin, Ian Albert	1965	Nicol, Gary John (surrendered 1965)	1962
Martin, John Paul	1966	Nicol, Jillian Lorraine (surrendered 1968)	1967
Martin, John William (surrendered 1964)	1950	Nicol, Peter Barry (surrendered 1966)	1961
Martin, Lesley Meredith (surrendered 1961)	1960	Nicolai, Judith Elizabeth (surrendered 1966)	1962
Muskrey, Esther Edith	1963	Nimon, Michael Hyman (surrendered 1968)	1961
Mason, Neil (surrendered 1965)	1962	Ninnes, Alan Herbert, B.Sc. (surrendered 1965)	1961
Masters, Bernard Lincoln (surrendered 1959)	1956	Nitschke, Burnard Eric	1965
Masters, John Clive	1949	Nitschke, Erna Gertrude	1954
Materne, Gilbert John	1966	Nitschke, Kevin John	1966
Mathews, Rae Elizabeth	1961	Noble, Alan, A.U.A. (Phys. Ed.)	1965
Mathews, Graham Ramsay (surrendered 1966)	1960	Noblet, Max Hadden (surrendered 1957)	1952
Mathews, Margaret Joy	1959	Noblett, Mignon Ruth	1965
Matto, Anna	1966	Noon, David Lyon (surrendered 1952)	1948
Maurice, Kay	1959	Norman, Jacob	1952
Mausolf, Jack	1954	Norman, Peter John	1963
Mausolf, Wallace	1951	Norris, Beth Christine	1963
Mawet, Jacqueline (surrendered 1966)	1961	Norton, Mary Alice	1949
Mau, Desmond Peter	1963	Nottage, Raymond Lindsay	1968
May, John Miners (surrendered 1968)	1962	Nottle, Geoffrey Edward (surrendered 1956)	1953
Mayer (nee Hentschke), Margaret Ruth	1954	Noye, Brian John	1961
Meath, William John	1960	Nunan, Douglas Stephen	1951
Medlin, Helen Raelene	1961	Nuud, Helga (surrendered 1966)	1965
Medson, Albert Reginald	1956	Oakey, Jennifer Mary	1964
Mellor, Peter James	1966	Oakley, Hannah Rosalie	1954
Menz, Sandra Kaye	1967	Oborn, Herbert Russell	1948
Michell, Cynthia Helen	1963	Obst, Margaret Grace	1960
Michell, David James, B.D. (London)	1960	O'Callaghan, Basil Charles (surrendered 1966)	1957
Michelmores, Roland Symons	1948	O'Callaghan, Gerald Anthony	1954
Mickan, Wendy Loraine	1961	O'Connell, Elisabeth Anne Patterson	1968
Middleton, Gaynor Denise Olive	1959	O'Connell, Geraldine Mary (surrendered 1962)	1959
Millar, Joan Valerie	1961	O'Connor, Thomas James (surrendered 1962)	1960
		O'Donnell, Noeline Claire	1958

Olszen, Kevin Harry	1966	Pollusaar, Tiiu Ann (surrendered 1966)	1964
O'Neil, Marguerite (surrendered 1949)	1948	Poole, Jean Kinloch, A.U.A. (Phys. Ed.)	1964
Opie, Roderick Preston (surrendered 1959)	1953	Pope, Douglas Ronald	1968
Organ, Alan John	1962	Pope, Geoffrey Weston, B.Sc. (surrendered 1967)	1965
Ortlepp, Judith Marianne	1968	Pope, Gwenth Constance (surrendered 1966)	1963
Osborne, Alfred Barry	1964	Porter, Jane Elizabeth	1960
Oster, Barry Charles	1966	Potter, Rosemary June	1963
O'Sullivan, Helen Judith	1968	Potts, Florence Marlene	1956
Ottens, Lois Veronica	1957	Pratt, Aubrey Ronald (surrendered 1968)	1952
Paar, Arthur Peter	1967	Prentice, Josephine Ann	1962
Paasuke, Henno (surrendered 1967)	1958	Price, Trafford Conor, B.Sc.	1962
Paech, Reginald Norman	1964	Pride, Robert Glen	1966
Paevere, Eva	1965	Prikryl, Jiri	1966
Page, Helen Claire (surrendered 1964)	1962	Prima, Inne-Lee (surrendered 1965)	1961
Page, Pamela	1966	Pritchard, John Bernard	1966
Page, Ronald Allan	1963	Pritchard, Susan Frances	1966
Paice, William Osborne (surrendered 1953)	1950	Punke, Gerald Brandon	1962
Palm, Daphne Alexandra	1960	Purves, John Laurie	1962
Palmer, Dexter Carl (surrendered 1967)	1966	Pusztai, Ibolya Maria	1963
Palmer, Rachel Dawn	1950	Quarmby, Rosemary Leo	1964
Palmer, Reginald Ernest (surrendered 1967)	1961	Quigley, Brian Maxwell (surrendered 1965)	1960
Palmer, Ronald Elliott	1966	Quigley, Francis James Leo (surrendered 1967)	1950
Papaelia, Emanuel Leo	1962	Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949
Parish, Vanessa Margaret Scott (surrendered 1965)	1961	Rabone, Jeffrey Clement	1967
Parker, Amy Irene	1963	Rabone, Judith Anne	1962
Parkes, Roy Frederick Walter	1948	Radawiec, Irene	1966
Parkinson, Peggy	1959	Raison, Max Victor	1956
Parrott, Mark	1967	Ralph, Denis William	1968
Partington, David John Guthrie	1965	Ramsay-Matthews, Jean	1953
Passell, Judith Christina	1958	Ratz, Vija	1964
Paterson, Robert George (surrendered 1958)	1952	Ravestyn, Cornelis	1965
Patterson, Conrad Brenton (surrendered 1961)	1959	Raymond, Colin Maxwell	1964
Patterson, Frank Brenton	1948	Read, Clarence Percy (surrendered 1959)	1949
Patterson, Reginald Lindsay (surrendered 1965)	1959	Reay, Kenneth	1968
Pattullo, Elizabeth Mary (surrendered 1964)	1962	Redin, Lewis Charles (surrendered 1956)	1951
Pavia, Grant Robert, A.U.A. (Physical Education)	1967	Redman, Jessie Adelaide	1951
Payne, Jean Patricia	1960	Redman, Warren James	1965
Payne, Jennifer May (surrendered 1966)	1962	Redstone, Frank (surrendered 1957)	1949
Payne, Mary Ethel	1961	Reed, John Tweedie Thornton (surrendered 1967)	1966
Payne, Rosamund Marie	1957	Reilly, Edward Joseph	1966
Faynter, June Anita	1963	Reimann, Wilfred Harold	1960
Peake, Archibald John	1950	Reincke, Kevin	1950
Pearce, Alfred Moreton (surrendered 1951)	1949	Rendell, Rosemary Anne	1953
Pearce, Brian Godfrey (surrendered 1962)	1961	Resek, Marietta (surrendered 1964)	1959
Pearce, Edwin Lovell	1952	Richards, Glenys Maisie Barns, A.U.A. (Social Science)	1967
Pearce, Nancy	1952	Richards, John Veal	1967
Pearce, Trevor Lovell	1961	Richards, Lesley Anne	1964
Pearce, William	1952	Richards, Martin Clyde	1952
Pearce, William John	1962	Richardson, Lindley Gay	1962
Pearson, Kevin William	1966	Ridgway, Phillipa Mary (surrendered 1967)	1959
Pearson, Warren Keith	1968	Ried, Helen Isobel	1964
Pederson, Lorraine Mary	1963	Rieger, Wilfred George	1966
Pederson, Martin John (surrendered 1966)	1959	Roberts, Marcia Anne (surrendered 1963)	1960
Pein, Dagmar	1967	Roberts, Owen David	1949
Peljo, Kalle (surrendered 1967)	1964	Roberts, Philip Edward	1965
Pender, Francis James	1968	Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950
Penna, Murray Arthur	1959	Robertson, Ian Dean, A.U.A. (Phy. Ed.)	1968
Pennicott, Ralph William	1948	Robins, Robert William (surrendered 1966)	1962
Penny, Betty Lorraine Mary	1955	Robinson, Erroll Harry Crosby (surrendered 1967)	1963
Penny, John Stephen	1966	Robinson, Kay Ellen	1964
Penny, Roger Stephen (surrendered 1966)	1961	Rogers, Janyce Irene	1963
Perry, Janet Helen	1968	Rogers, John Vernon	1965
Peters, Carolyn Merle	1965	Rogers, Roma Emma	1951
Peters (nee Rooney), Kathleen	1948	Rogers, Ruth Nellie (surrendered 1955)	1951
Pettigrew, John Cramer	1966	Rohde, Norman John (surrendered 1968)	1964
Pfätzer, Renate Lottie	1956	Rooce, Mostyn John	1961
Phillips, Barrie John	1966	Rose, Margaret Elizabeth	1966
Phillips, Christopher Robert (surrendered 1968)	1965	Rosenberg, Norman Murray	1967
Phillips, Ronald Osborn	1950	Rosenboom, Hans John	1967
Philp, Stanley Percival	1964	Rosenthal, Murray Cyril	1959
Pickering, Barbara Jean	1961	Rosetto, Marietta Sandra	1968
Pickering, Eric	1954	Rosevear, Richard James	1966
Pierson, Robert Arthur (surrendered 1954)	1953	Rosie, Jessie Pearce	1963
Pike, Rodney Grahame	1964	Ross, Lorraine Evelyn	1962
Pinder, Claude Jack (surrendered 1966)	1960	Routley, Peter Herbert	1955
Pitman, David Arthur Alfred (surrendered 1966)	1962	Rowe, Rex Norman	1950
Pitman, Hartley Kenneth	1953	Rowe, James William	1965
Playfair, Noel Angus	1951	Rowell, George Douglas Fairbairn	1949
Plumridge, Sheila Grace (surrendered 1967)	1962	Rowell, Peter Francis	1964
Pohl, John, A.U.A. (Physical Education)	1967	Rowett, John Charles Thomas (surrendered 1968)	1966
Poke, Alison Rae	1953	Rowland, Roma Joy	1954
Poland, Y'vonne Carol	1963	Ruciak, Leon	1963
Pole, Audrey Elizabeth (surrendered 1956)	1951	Rudolph, Gerald Alfred	1951
Polglase, David Llewellyn (surrendered 1967)	1959		
Polkinghorne, Heather Mary	1949		

Rumball, Judith Anne	1965	Smith, Betty Lorna	1963
Rumpff, Sally Anne (surrendered 1962)	1961	Smith, Charles Bruce Powell (surrendered 1965)	1959
Reudiger, Malcolm Milton (surrendered 1954)	1950	Smith, Colin Jeffrey	1964
Russell, Lester David	1960	Smith, Constance Ethel	1950
Russell, Peter John (surrendered 1967)	1963	Smith, Cynthia Vivienne	1957
Russell, Peter McGregor	1965	Smith, David Arthur	1964
Ryan, Carol Anne	1965	Smith, Donald Alfred	1965
Ryan, John Leo	1958	Smith, Donald Powell	1952
Ryan, John Michael	1967	Smith, Doris Elizabeth	1951
Ryder, Wendy Christine	1968	Smith, Graham Frank	1961
Sage, Harold Robert (surrendered 1953)	1950	Smith, Gweneth Ruth	1956
Saint, Bryce Wesley (surrendered 1968)	1960	Smith, Helen Christine	1963
Salisbury, John Harold	1968	Smith, Ivan Ford (surrendered 1953)	1949
Sander, Elaine Joy	1966	Smith, Ivan Percival	1963
Sanderson, Dorothea Leonore	1960	Smith, Janice Kaye	1964
Sanderson, Lesley Christine	1965	Smith, Joan Beverley (surrendered 1967)	1963
Sandery, Adrian Arthur	1966	Smith, John Henry (surrendered 1959)	1950
Sando, Clarice Melva (surrendered 1955)	1950	Smith, Margaret Joan	1954
Sando, Rosemary Ann	1961	Smith, Maxwell John (surrendered 1966)	1953
Saunders, Alan Caley	1954	Smith, Milton Geoffrey	1963
Schafer, Ruth	1960	Smith, Patrick Edward	1964
Schedlich, Barbara Kaye	1963	Smith, Raymond Thomas, B.Sc.	1966
Scheer, Kevin Bruce	1964	Smith, Reginald John Wayne	1950
Schenk, Irena	1966	Smith, Richmal	1957
Schiller, John Maurice (surrendered 1968)	1965	Smith, Sylvester	1948
Schiller, Keith Douglas	1960	Smyth, Elaine Cleveland	1966
Schiller, Marcus Benjamin	1959	Smythe, Betty Marion Flora (surrendered 1967)	1962
Schmidt, Peter John	1966	Snigg, Janice Helene	1957
Schmidt, Robert Dennis	1965	Sopru, Erno Julius	1968
Schnetz (nee Harrison), Ruth Olive	1950	Souter, Warwick	1966
Schrapel, Stephanie Ellen (surrendered 1968)	1965	Speck, Robyn Kay	1966
Schuller, Ruth Doreen	1954	Spence, Alvena Beverley	1962
Schultz, Judith Lorraine	1968	Spence, Colin Everett (surrendered 1958)	1952
Schultz, Roland Felix (surrendered 1964)	1961	Spence, Jeanette Graham (surrendered 1967)	1966
Schultz, Roydon Donald, B.Sc.	1959	Spier, David Lindsay, A.U.A. (Phys.Ed.) (surrendered 1967)	1966
Schulz, Clifford Rupert	1953	Spratt, Marlene Joyce	1965
Schumacher, Mavis Noreen (surrendered 1963)	1960	Stace, Robert Glennon	1966
Schunke, Robert John	1967	Stacy, Keith Roy Sheppard (surrendered 1967)	1962
Schuster, Charles Frederick Robert (surrendered 1967)	1964	Staggs, Valerie Marie Allan	1956
Schuster, Valerie Fay	1960	Staiff, James Elliot	1963
Schwarz, Dawn Petrinella	1963	Standen, Judith Anne	1961
Schwerdt, Pauline Anne	1965	Stanelis, Ivars Arnis	1964
Scott, Christine Mary Byron	1960	Stanford, Brian Kenneth	1964
Scown, Robert Graham	1968	Stanley, Marena Jane Harrington	1959
Scrivaniich, Antonia	1966	Stanley, Raymond John	1952
Scoop, Katherine Gordon	1966	Stanley, Ruth Pauline	1968
Sealey, Jillian Muriel (surrendered 1965)	1961	Stapleton, John Leslie	1964
Searle, Geoffrey	1965	Starr, William Ernest	1966
Searle, Vera Katherine	1953	Steinle, John Richard (surrendered 1958)	1952
Semler, June Lorraine	1960	Steinle, Joyce Margaret	1960
Seward, Catherine Anne (surrendered 1967)	1962	Stephens, Barbara Winifred	1968
Sexton, Anthony Patrick	1964	Stephens, Judith Clark	1962
Sharman, Eileen Winifred	1965	Stenson, Peter John	1956
Sharp, Heather Ellen	1960	Sterck, Paulus Henricus Sebastian	1966
Sharpe, John Graham (surrendered 1967)	1966	Stevens, Glen Donald	1965
Sharrad, Gilbert Rex	1961	Stevens, Lawrence Stanley	1961
Shearer, Helen Dianne (surrendered 1968)	1965	Stevens, Lyndall Audrey Carolyn	1967
Shekleton, Peter Reginald (surrendered 1957)	1951	Stewart, Alan James	1967
Sheppard, David Roland	1957	Stewart, Jill Denise	1959
Shepherd, Sylvia May	1968	Stewart, Peter McKenzie Gibson (surrendered 1967)	1954
Shepherd, Jennifer Anne (surrendered 1968)	1967	Stiller, Margaret Dorothy (surrendered 1967)	1964
Sheridan, Margaret Alison	1968	Stock, Graham Eric	1966
Shiell, Trevor John	1963	Stocker, Reginald Henry	1953
Shinkfield, Anthony James (surrendered 1955)	1954	Stokes, Alfred Hamley Herbert (surrendered 1968)	1963
Shorne, Priscilla Jane (surrendered 1968)	1967	Stone, Grace Elizabeth	1963
Shrowder, Elizabeth Christine	1962	Stone, Ronald Alexander	1958
Sibly, Brenton Reeves	1965	Stone, Victor Oxford (surrendered 1967)	1953
Sim, Jennifer Margaret	1962	Storck, Margaret Joyce	1960
Simon, John Gary, B.Sc.	1966	Stratfold, Denis Leon	1961
Simper, Douglas Alan, B.Mus.	1967	Straud, Valerie Anne (surrendered 1967)	1966
Simmonds, Allan Frederick (surrendered 1967)	1958	Stunell, Robert James	1963
Simpson, Brenda Mary	1956	Styles, Colin Ross (surrendered 1968)	1958
Sinclair, Alison Mary	1960	Such, Barbara Mary	1968
Singh, Ruth Elizabeth	1963	Such, John Roland (surrendered 1968)	1966
Sivour, Clyde Randall	1966	Sudrabs, Maruta (surrendered 1967)	1966
Sivour, John Vincent	1963	Sunnerton, Alvin Paul	1964
Skilins, Aija Mara	1965	Sutton, Kerry Charles	1966
Skewes, Trevor John	1967	Swincer, David Arthur	1965
Skinner, Avenel	1965	Sykes, Christine Joy	1968
Sladden, Richard Glenn, A.U.A. (Phys. Ed.)	1965	Sylov, Barbara Elizabeth Ruth	1960
Slater, Robert Campbell (surrendered 1968)	1967	Symonds, Rosalyn Mary	1960
Slaughter, Terence Davoren (surrendered 1967)	1963	Tabor, Barbara (surrendered 1962)	1950
Smale, Thomas Charles (surrendered 1950)	1949	Taplin, Roger Eaton, B.Sc.	1963
Small, Marlene Brenda (surrendered 1967)	1966	Tapley, Stuart Edward	1966
Smith, Alexander Graham	1962	Tassell, Helen May (surrendered 1967)	1966
Smith, Allen Clyde	1957		
Smith, Ashley Mary	1958		



Tattersall, Laurence Oswald (surrendered 1968)	1965	Walker, Leigh Helen	1968
Taylor, Anthea Kathleen	1966	Walker, Marjory Clare	1965
Taylor, Beatrice May	1948	Walker, Marjorie Jean	1960
Taylor, Brian John (surrendered 1967)	1963	Wallace, Francis Joseph	1948
Taylor, Charmaine Cynthia, A.U.A. (Phys.Ed.)	1966	Wallbridge, Beryl Elsa	1958
Taylor, Douglas McLeod (surrendered 1951)	1950	Wallbridge, Leslie Walter	1956
Taylor, Roger John	1964	Walsh, Edward Michael	1968
Teakle, Brian Robert	1967	Walters, Graham Edward	1962
Teakle, Elizabeth Anne (surrendered 1968)	1966	Walton, Sydney Malcolm (surrendered 1968)	1961
Theobald, Howard Wesley	1948	Ward, Brian John (surrendered 1968)	1958
Thiele, Dorothy Margaret	1965	Ward, Gwennyth Lillian	1964
Thiele, Keith Geoffrey	1964	Ward, June (surrendered 1967)	1963
Thiele, Rhonda Gladys	1966	Ward, Kathryn Elizabeth	1967
Thomas, Elaine Joan	1963	Ward, Robert Louis Hawthorne	1967
Thomas, Linley	1952	Wardle, Allen	1952
Thomas, Patricia Fay	1958	Warland, Avis Mary	1959
Thompson, Ann Margaret	1952	Warneke, Christine Frances	1968
Thompson, Diane Joy (surrendered 1967)	1966	Warren, Sally Jacqueline	1965
Thompson, Eric Albert	1961	Watkins, Pamela Kathleen	1960
Thompson, Frank Howard (surrendered 1955)	1951	Watson, Darrelle Ina	1961
Thompson, Iris Maude	1952	Watson, Ian Morse (surrendered 1964)	1960
Thompson, John Charles	1964	Watts, Peter William	1965
Thompson, Malcolm Denis	1964	Waye, Dorene Anne	1959
Thompson, Neil (surrendered 1966)	1961	Weaver, Douglas	1965
Thompson, Robin Leon	1965	Webb, Helen Jean	1965
Thomson, Eunice Ann	1955	Webber, Robin Phillip Pascoe	1960
Thomson, June Marie	1956	Webber, Antoinette Louise	1965
Thornley, Peter John	1964	Webber, Ian James	1953
Thornton, Desmond Michael	1963	Webber, Muriel Esme Jill (surrendered 1957)	1952
Thorpe, Donald Stephen, B.Sc.	1968	Webster, Judith Marion	1963
Thyer, Carolyn Jill	1966	Wedding, Gordon Mervyn	1954
Tidswell, Helen Joy	1963	Wege, Anthony Leonard	1968
Tilbrook, Graham David	1958	Wegener, Charles William	1962
Tilbrook, Jeffrey Ian (surrendered 1968)	1962	Wegener, Malcolm Eric (surrendered 1966)	1963
Till, Patricia Dell	1952	Weinert, Kayleen Sylvia	1967
Timms, Wala	1968	Welke, Margaret Rose	1956
Tindall, Mildred Florence	1950	Weller, Anrielle Leonee	1968
Tonkin, Diane Frances	1968	Weller, Pamela Margaret	1966
Toole, Dorothy Anne (surrendered 1968)	1964	Wellington, Donald Blair	1966
Torr, Alison Ruth	1950	Wellington, Douglas Erwin	1950
Trainer, Denise Margaret	1957	Wells, Patricia Anne	1966
Trainer, John Patrick	1968	Wells, Peter Alexander, A.U.A. (Phys.Ed.)	1966
Trapnell, John Courtenay	1952	Wendelborn, Lawrence Cyril (surrendered 1962)	1959
Travers, Thomas Edward	1948	Were, Keith Francis	1958
Treagus, Edward Mervyn, A.U.A. (Phys. Ed.)	1962	West, George Graham	1948
Trebilcock, David (surrendered 1964)	1953	Westbrook, Barbara Maxine	1968
Trebilcock, Donald Ray (surrendered 1967)	1960	Westhoff, Susanne Mary	1966
Tregilgas, Francis Everleigh (surrendered 1968)	1952	Westley, Kevin John, A.U.A. (Physical Education)	1967
Tribbeck, Sharon Gaye	1966	Wheatland, William Stanley	1960
Trotter, Janet Rosemary	1968	Whelan, Margaret Jean	1968
Trowse, Helen Hayward (surrendered 1965)	1954	White, Alvan	1964
Trudinger, June Stirling	1949	White, Emily Alice	1953
Trueman, John Clayton	1962	White, Kenneth Peter	1967
Tscharke, Margaret Helen	1962	Whitford, Cheryl Anne	1964
Tuck, Robert Clyde (surrendered 1968)	1962	Whittingham, Frances Mary	1968
Tucker, Alison Maud	1966	Whittington, Ann-Marie	1965
Tucker, Robert (surrendered 1961)	1956	Whittington, Anthony Frank (surrendered 1967)	1964
Tucker, Walter	1960	Whitmore, Joan (surrendered 1965)	1959
Tuckfield, Brian Douglas	1965	Wickes, Jennifer Anne	1966
Tulloch, David Gerald (surrendered 1965)	1952	Wiencke, Christine Joy	1964
Turnbull, Robert Keith	1965	Wiese, Ivo Ray	1951
Turner, Joan Harcourt	1964	Wieser, Othmar Heinrich Jakob (surrendered 1962)	1959
Turner, John Anthony (surrendered 1966)	1964	Wiesner, Beverly Ann	1959
Turner, William Howard Batley	1955	Wigney, Ronald John	1966
Twart, Keith Rodney	1968	Wilde, Peter Barry	1966
Twartz, Clement Wilford (surrendered 1966)	1948	Wiley, John Arthur (surrendered 1967)	1961
Tyrell, Barbara Joan	1959	Wiley, Mary Ruth (surrendered 1966)	1959
Underdown, Reginald Edward, M.Sc.	1959	Wilkinson, Stewart Rex (surrendered 1950)	1948
Underwood, Anne Mary	1964	Wilksch, Lois Ruth	1958
Van Velsen, Carolyn Marie, A.U.A. (Phys.Ed.) (surrendered 1966)	1962	Williams, Brian Arthur	1965
Vaughan, Matthew Ferdinand	1950	Williams, Claremont Maxwell Douglas	1964
Vautier-Moll, Helen	1962	Williams, Janet Ruth	1967
Verrall, Derek Oakley	1964	Williams, Rosemary Claire (surrendered 1968)	1961
Verrall, Spencer Sydney	1967	Williams, Ruth Jacqueline	1949
Verwoert, David Lynn	1967	Williams, William Allan	1961
Vilmanis, Biruta Regina (surrendered 1968) A.U.A. (Phys. Ed.)	1966	Williamson, Beth England	1949
Vince, Penton John	1966	Williamson, Catherine Patricia, A.U.A. (Phys. Ed. (surrendered 1963)	1962
Vogelsang, Arthur Ernst	1950	Willson, Ian Barry	1967
Von Kolpakow, Andrej	1967	Wilsdon, Sallie	1959
Wachtel, Heinrich Lenhart	1948	Wilson, Andrea Claire	1968
Wait, Robert Noel	1965	Wilson, Francis Patrick	1948
Wakefield, Pauline	1965	Wilson, Gwendolyn Moore	1950
Waldie, John Leonard	1967	Wilson, Hélène Rosemary	1964
Walding, Kay Rosslyn	1963	Wilson, Marlene Janice	1959
Walker, Alan Philip (surrendered 1961)	1958		

Wilson, Mary Jean - - - - -	1967	Wright, David Andrew - - - - -	1962
Wilson, Wendy Ronayne - - - - -	1967	Wright, Florence Maude - - - - -	1953
Winter, Maxwell Hugh (surrendered 1966)	1957	Wright, Gillian - - - - -	1968
Wishart, Barry John - - - - -	1967	Wright, Robert Keith McGregor - - - - -	1961
Wissell, Robert Allan - - - - -	1961	Wright, Rosslyn Mary - - - - -	1965
Wohlfarth, Joanna Emily Therese - - - - -	1958	Wurst, Marlene Betty - - - - -	1961
Wotho, Francis Arnold - - - - -	1951	Wyatt, Patricia Anna - - - - -	1961
Wollaston, Pamela Jill - - - - -	1956	Wynne, William Robins - - - - -	1962
Wood, Eric William Hadley - - - - -	1951	Yeend, Geoffrey Ronald - - - - -	1966
Wood, Garry Leonard - - - - -	1964	Yeulet, June Rosalind - - - - -	1967
Wood, Geoffrey William - - - - -	1968	Young, Barrie John - - - - -	1968
Wood, John Frederick (surrendered 1968)	1965	Young, Christine Dorothy - - - - -	1968
Wood, William Robert - - - - -	1966	Young, Donald Lindsay - - - - -	1952
Woodards, Eva Narma Cherrington - - - - -	1949	Young, Joan Margaret (surrendered 1964)	1952
Woodrow, John Templer (surrendered 1968)	1965	Young, Timothy Gerald - - - - -	1963
Woods, Bryan John - - - - -	1966	Zarins, Ingrida Aina - - - - -	1968
Woods, Donald Peter - - - - -	1951	Zeven, Lance Herbert - - - - -	1964
Woods, Rosamond Erica - - - - -	1957	Zimmermann, Diana Wendy - - - - -	1956
Woolecott, Henry Mark (surrendered 1966)	1965	Zoerner, Robert John - - - - -	1951
Woolley, Jillian Heather - - - - -	1967	Zwar, John David, A.U.A. (Phys.Ed.)	1966
Woon, Helen Drusilla - - - - -	1968	Zweck, Eleanor Margaret - - - - -	1961

## ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea - - - - -	1925	Coumbe, Hurtle Harold - - - - -	1912
Adamson, Myrtle Gwendoline - - - - -	1918	Counter, Beryl Cole - - - - -	1924
Alexander, Mary Vera - - - - -	1917	Cowan, Diana Jean - - - - -	1960
Allgrove, Beatrice Jane - - - - -	1951	Cozens, Vida Victoria - - - - -	1928
Anderson, Jean - - - - -	1936	Craig, Margaret Heather - - - - -	1955
Andrew, Una Lois - - - - -	1915	Crampton, Daisy Myrtle - - - - -	1945
Ashton, Kathleen Anne - - - - -	1935	Cresswell, Muriel Blanche Lillecrapp	1925
Attwell, Edna Marie - - - - -	1918	Cronin, Alice Elsie - - - - -	1937
Badenoch, Constance Mary - - - - -	1921	Curry, Shirley-Anne - - - - -	1955
Bampton, Alfred John - - - - -	1915	Daenke, Dorothy Lucy - - - - -	1929
Barbour, Dorothy Jean - - - - -	1928	d'Arcy-Irvine, Alice Bond - - - - -	1913
Barnden, Vina Melba - - - - -	1933	Dav, Rubia Claudia Emily - - - - -	1903
Barry, Margaret Mary - - - - -	1927	Day, Florence Muriel - - - - -	1913
Basedow, Ivy Marie - - - - -	1912	Dick, Pauline May - - - - -	1950
Bates, Edgar Clarence - - - - -	1929	Dix, Jessica Laura - - - - -	1928
Baulderstone, Clarice Moore - - - - -	1923	Edwards, Herbert Percival - - - - -	1922
Baxter, Craig Crawford - - - - -	1968	Ekers, Theodora Allman - - - - -	1930
Bettcher, Lila Margaret - - - - -	1955	Ellis, Maureen Elizabeth - - - - -	1965
Bice, Brenda Mae - - - - -	1957	Evans, Bert - - - - -	1913
Biezaitis, Mara Sandra, (surrendered 1966)	1965	Ewing, Violet Emily - - - - -	1958
Black, Edward William - - - - -	1923	Ey, Kathleen Elsie - - - - -	1938
Booth, Jean Marie - - - - -	1941	Feuchtersleben, Ilona Kathleen - - - - -	1964
Bowen, Gordon Melville - - - - -	1935	Finch, Laura Evelyn - - - - -	1932
Brand, Marguerite Mary - - - - -	1958	Finnis, Catherine Meredith - - - - -	1965
Brindal, Ellen Grace - - - - -	1922	Fisher, Helena Catherine - - - - -	1924
Brixius, Rotraud Annelie (surrendered 1968)	1965	Flaherty, Annie Josephine - - - - -	1907
Brooks, Doreen Mavis - - - - -	1940	Foale, Harold Robert - - - - -	1925
Brooks, Merle Olive - - - - -	1942	Francis, Bessie - - - - -	1925
Brown, Kathleen Mary - - - - -	1917	Francis, Violet Leone - - - - -	1929
Bruggeman, Martha Dorothy - - - - -	1904	Freeman, Ivy Gwendolen McLeod - - - - -	1931
Burnard, David Alexander - - - - -	1925	Gallasch, David Russel - - - - -	1957
Butcher, Rosalie Anne - - - - -	1963	Gallasch, Wendy Anne - - - - -	1966
Buxton, Ruth Dorothea - - - - -	1966	(Surrendered 1967)	
(Surrendered 1967)		Gard, Harold John - - - - -	1918
Byrne, Mary Teresa - - - - -	1927	Gehling, Ronda Beryl - - - - -	1940
Cadd, Hartley Blair Hogarth - - - - -	1951	Gersch, Paul Johannes - - - - -	1954
Cann, Melvyn Roy - - - - -	1962	Geyer, Clem August - - - - -	1922
Carmichael, Doris Darby - - - - -	1923	Giles, Allan Leonard - - - - -	1949
Catt, Shirley Pearson Clifford - - - - -	1938	Gill, Hilda Beatrice - - - - -	1916
Chapman, John Pearce - - - - -	1958	Gillespie, Jean Katherin - - - - -	1937
Chappell, Glenys Melba - - - - -	1961	Glatz, Laurina Ruby - - - - -	1929
Chappell, Phyllis Harvey - - - - -	1924	Gmeiner, Clarice Haidee Beatrice - - - - -	1924
Chatterton, Brian William - - - - -	1965	Goss, Lucy Vera - - - - -	1909
(Surrendered 1967)		Goyder, Patricia - - - - -	1937
Cheek, Alan Carvosso - - - - -	1929	Grange, Marilyn Lyle - - - - -	1962
Cheek, Muriel Elizabeth - - - - -	1900	Gray, Lorna Dorothy - - - - -	1950
Christiansen, Desmond James - - - - -	1963	Gray, Marylouise - - - - -	1957
Cilento, Gladys Muriel West - - - - -	1913	Griffiths, George Townsend - - - - -	1914
Cleverly, Diane - - - - -	1963	Griggs, Arden Michael - - - - -	1957
Clifford, Carolyn Ada - - - - -	1968	Groth, Fred - - - - -	1929
Cockburn, Julia Evelyn - - - - -	1930	Grosser, Eileen May - - - - -	1924
Colebatch, Frances Désirée - - - - -	1965	Gunning, Shelley Anne Stannus - - - - -	1958
(Surrendered 1967)		Gurner, Ruth Eleanor - - - - -	1962
Coleman, Rosemary Ann - - - - -	1955	Hackett-Jones, Rosemary Frances, B.A. - - - - -	1964
Collins, Ella Mary - - - - -	1916	Hakendorf, Carmel Mary - - - - -	1947
Collins, Yensie Margaret - - - - -	1937	Haese, Beth Theodora - - - - -	1940
Commans, Teresa Audrey - - - - -	1938	Hales, Malcolm Roy - - - - -	1948
Coonan, Mary Madeline - - - - -	1955	Hancock, Mary Frewin - - - - -	1928
Coonan, Rita Norlean - - - - -	1919	Hannaford, Neville David - - - - -	1964

Hantke, Ethel Hilda Hedwig	1902	Parham, Marlene Marie	1955
Hartmann, Sonia Annette	1960	Parkinson, Charlotte Ethel Violet	1901
Harvey, Faith Fairbank	1943	Pascoe, Philippa Mary	1947
Hearne, Janice Lesley	1962	Pearson, Kathleen Crawford	1923
Heck, Judith Anne	1958	Penalurick, Lola	1921
Henry, Gladys Amy Thelma	1926	Perkins, Horace James	1926
Hine, Clytie May	1908	Perkins, Marie Pauline	1948
Hoche, Edith	1908	Perry, Margaret Fay	1950
Hodge, Geraldine Janice	1964	Phipps, Charlotte Lucy Barkwell	1905
Hogon, Eileen Margaret	1917	Pitcher, Alison Claire	1962
Holder, Alison Joyce	1938	Porter, James Lincoln	1957
Holman, Frank Reginald	1919	Potter, Malcolm Frederick	1963
Holmes, Patricia Langley	1948	Prince, Jean Florence	1921
Hooker, George	1945	Prince, Muriel Marjory	1923
Horgan, Lillian Veronica	1936	Puddy, Betty Froome	1931
Housnell, Marjorie Nora Drew	1938	Puddy, Maude Mary	1900
Howard, Winnifred Jean	1917	Pyne, Tryphena Grace	1918
Hunwick, Christine Mary	1964	Quick, Alison Rae	1960
Hurn, Mavis Lacey	1926	Reed, Rosemary	1964
Hyde, Miriam Beatrice	1928	Reimann, Hilda Marie	1912
Ingham, Myrtle Lavinia	1916	Reimann, Leta Edith	1932
Jacobs, Doreen Miriam	1938	Renou, Jean Lois	1923
James, Doris	1912	Riedel, Melita Wanda	1918
James, Vida Margretta	1917	Roach, Mary Moyle	1910
Johnson, Julie Fay Lindsay	1964	Roberts, Winifred Sophie	1911
Jones, Lewis La Vence	1919	Robinson, Mary Patricia	1935
Joyce, Kate	1904	Rofe, Joyce Newton	1933
Kartomi, Margaret Joy	1961	Rose, Doreen Elaine	1964
Keen, Lillian Guard	1920	Rowe, Deirdre Millstead	1963
Kemp, Francis Joseph Edmund	1928	Rowe, Elsie Maud	1919
Kemp, Marion Kirkwood	1903	Rowe, Florence Nellie	1914
Kermode, Merrowyn May	1961	Rozelaar, Marie	1960
King, Margaret Jessica Esme	1956	Rudemann, Elsa Wilhelmine	1903
Kinmont, Rosamond	1924	Sansom, Joyce Mary	1940
Klose, Patricia Mary	1950	Sara, Lily Emmaline	1916
Knabe, Anne Norman	1966	Sayers, Alice Mabel	1901
(Surrendered 1967)		Scammell, Ethelwyn	1910
Kneebone, Joan Adelaide Cavell	1938	Schramm, Kathryn	1954
Knowling, Gwenda	1952	Schwerdt, Madeleine Yvonne	1964
Kollosche, Samuel	1910	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Lakin, Angela Mary	1963	Shapley, Dorothy Alice	1939
Lambert, Margaret Ann	1960	Shephard, Beatrice Joan	1935
Langford, Joan	1952	Shipway, Margaret Elizabeth	1953
Lawton, Josephine Margaret	1956	Short, John Thomas Gordon	1907
Lee, Marjorie Freda	1926	Siggs, Meredith Lillian	1961
Leonard, Mary Joselyn	1956	Simcock, Hilda May	1917
Letcher, Leonie	1966	Simpson, Anne	1965
Levy, Juliette Isabelle Hinde	1961	Sinclair, Jean Lily	1924
Leyland, Coralie Eleanor	1967	Slee, John Stevens	1952
Lindh, Carlene Margaret	1958	Smith, David Aitchison	1960
Litchfield, Jean Rainsbury	1926	Smith, Imelda Catherine	1930
Lodge, Elizabeth Florence Cranston	1953	Smith, Margaret Joan	1950
Luxton, Jean Estcourt	1952	Smith, Milton Geoffrey	1968
McDermid, Neil Harvey	1956	Solomon, Betty	1930
McDonald, Marjorie Jean	1962	Spehr, Francesca	1901
McGrath, Constance Cecily	1926	Spriggs, Harriet Rosetta	1919
McGregor, Dorothy Mary	1930	Stoneman, Doreen	1921
McKinnon, Clara Elizabeth	1942	Stoneman, Olivia Charlotte	1930
McLaughlin, Eric Enstone	1926	Summers, Phyllis Harvey	1930
McLeod, Rosslyn Johnson	1968	Swincer, Patty	1948
McMahon, Mary Carmel	1955	Symon, Elizabeth Jean	1959
Macpherson, Margaret Webster	1957	Taylor, Gladys Leslie	1908
Mallon, Alice Mary	1923	Taylor, Jean Rosabelle	1926
Manning, Hilda Mahala	1902	Teare, Susan Mary	1968
Marker, Lois Beatrice	1951	Terry, Athalie May	1960
Marrett, Hannah Olive	1926	Thomas, Sylvia Caroline Curtis	1921
Martin, Thelma Dorothy	1917	Thrush, Annie Vera	1915
Matters, Arnold Hatherleigh	1926	Tidemann, Ernest Phillips	1927
Mayfield, Vera Selina Gwendoline	1927	Tobin, Ashleigh Hambridge, Mus.Bac.	1965
Mead, Janet Carolyn	1959	Tonkin, Phyllis Anna	1923
Mears, Kathleen Devenish	1955	Tosolini, Palmira Rose	1951
Meegan, Alice	1922	Treloar, Fay	1957
Meegan, Kathleen Mary	1917	Trenerry, Thora	1944
Merchant, David John	1952	Tuck, Joyce Edith	1940
Mewkill, Paula Mary	1915	Tuck, Vivien Margaret	1934
Mills, Gene Louise	1950	Tunks, Flora Marion	1931
Mitcham, Julian Hans, B.A.	1964	Vardon, Daisy	1914
Mitchell, Elizabeth Anne	1956	Verco, Alison Martha	1950
Morley, Evelyn Mabel	1925	Verco, Gladys Kathleen	1928
Morton, Mary Ruth	1931	Vick, Lloyd Winston	1937
Murray, Joan	1954	Virgo, Jean Ysobel	1934
Marroway, Peter Kingsford	1951	Virgo, Violet Myra	1919
Naylor, Ruth Winnifred	1924	Wall, Myrtle Trilby	1917
Norman, Jean Margaret	1928	Wallmann, Beatrice May	1909
Nurton, Judith Kay	1964	Walsh, Lillian May	1926
Oldham, Dorothy	1914	Warnecke, Mary Isabel	1954
Paddon, Una Margery	1920	Watts, Mollie Louisa	1930
Paley, Clifford Arnold, B.A.	1941	Webb, Irene Margaret Thomson	1926
Palmer, Ethel Rose	1918		
Palmer, Judith Anne	1955		

Wesley Smith, John Jeremy	1961	Williams, Hartley	1929
Whillas, Helen May	1901	Williams, John Alexander	1925
White, Elizabeth Alice	1953	Williams, Mervyn Ewart Lancelot	1924
Whittington, Clytie Myrtle	1917	Williamson, Arthur Burton	1908
Whittington, Sylvia Muriel	1911	Wollaston, Margaret Thirlmere	1941
Wibberley, Brian	1908	Wordie, Ada Winifred	1918
Wiebusch, Adele Maria Dorothea	1924	Zeven, Aila	1922

## ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Brett, Jack Nethersole	1938
Abraham, Monica	1962	Brewster, Cora Elaine	1948
Adey, Ronald Lawrence	1962	Brice, Robert Hosking	1954
Aitken, Graham Francis	1966	Broad, Lionel Hugh	1943
Ali, Dean Roger	1963	Broadbent, Frank Brooker	1957
Altschwager, Donald Arthur	1965	Brockbank, Robert Penno	1967
Amato, Pantaleo	1964	Brougham, Robert Joffre	1940
Anderson, Alexander Keith	1964	Brown, Donald Thomas	1956
Anderson, Gwendoline Eva	1947	Brown, Leonard William	1958
Anderson, Ronald Alexander	1944	Brown, Peter Hackett	1959
Andrews, Erson Leonard	1939	Brown, Ronald Emanuel	1944
Andrews, Graeme Arthur John	1965	Buik, Donald Andrew John	1954
Angel, Kevin Reginald	1964	Burge, Donald Raymond	1961
Angelos, John	1967	Burge, Raymond Henry	1936
Ardill, David Anthony	1953	Burns, John Vernon	1956
Argall, Philip John Tadd	1958	Butler, Richard James	1954
Arkininstall, Heather Claire	1967	Byrne, Ashley John	1959
Arnold, Grace Elizabeth	1965	Byrnes, Reginald Phillip	1960
Atkins, Josephine Anne Tyrrell	1964	Cacas, Don George	1958
Babidge, Ian Charles	1963	Cacas, James George	1956
Badman, Robert Leigh	1968	Callaghan, Maxwell John	1951
Bahnish, Noel	1945	Callaghan, Roy Hugh	1948
Bailey, Geoffrey Reginald	1948	Campbell, Malcolm Drew	1968
Bajer, Leonid	1958	Campbell, Margaret Diane	1956
Bajorunas, Andrius	1957	Carlier, Ellis Gladstone	1951
Baldo, Brian Angelo	1961	Carmie, John Alfred	1950
Ball, Gerald Benjamin	1953	Carrig, Ian Lindsay	1966
Ball, Peter Growden	1955	Caught, James Gardiner	1935
Bannister, Neil Prescott	1956	Cavanagh, Robert Edwin	1936
Barclay, Elizabeth Mollie	1962	Cawte, Brian Vincent	1957
Bardolph, Donald Harold	1952	Cescato, Guido Ferdinando	1959
Bardolph, June Mary	1954	Challen, Robert Geoffrey	1966
Barkey, Ronnie Joseph	1967	Chapman, Avis Carol	1952
Barnes, Donald Stalley	1947	Cheek, Harold Dudley	1939
Barnes, Herb	1944	Cheek, Robert	1953
Barnes, Zelda Elizabeth	1968	Chesney, Robert George	1955
Barnett, Anne Patricia	1962	Chodowski, Samuel Mendel	1941
Barter, John Fenton	1966	Christie, Alan James	1966
Bartold, Geoffrey Paul	1947	Clampett, Richard Blackmore	1956
Barton, John William	1968	Clancy, Ross Percival	1945
Bassett, Murray Maxwell	1948	Clark, Arthur Wellesley	1934
Bassham, Ian Glen	1962	Clarke, Trevor Keith	1945
Baxendale, John Lewis	1964	Clarke, Vinrace Lisle	1936
Bayly, Peter John	1962	Clarke, William Graham	1947
Bazeley, William Joseph	1945	Clota, Patricia Mary	1961
Beaty, Edward William	1954	Coates, Kenneth Rex	1967
Beckinsale, Ronald Herbert	1949	Cock, Alexander Geoffrey	1959
Beilby, Jack Canavan	1947	Cocks, David Gordon	1956
Bennett, Judith Ann	1959	Cole, Beverley Joan	1964
Bennett, Mary Elizabeth	1965	Coleman, Ronald George	1947
Bentley, Alan	1937	Coles, Herbert Desmond	1953
Bentley, Deryck Edward	1947	Collins, Suzanne Mary Lee	1965
Bertram, John Stanley	1957	Combe, Gaynor Jeanette Florence	1962
Bessell, Raymond Leonard	1959	Conigrave, Michael Clement	1959
Bice, Elizabeth Louise	1968	Connell, Myles Patrick	1949
Billing, Robert Heaton	1953	Cooper, Nancy Marina	1956
Bilyk, Sophia Sonia	1966	Coorey, Brian Norman	1950
Bishop, David Edwin Pemberton	1959	Cornish, John Neil	1956
Bishop, Ronald Lancelot	1951	Cosgrove, Peter Brian Anthony	1957
Bishop, William Victor	1949	Cosh, David Glynn	1966
Blanks, William Bennett	1957	Coultas, Ronald John	1950
Booker, David Michael	1960	Cox, Heather Joan Reid	1968
Boomsma, Helen Beverley	1968	Cox, Peter John	1951
Booth, Thomas Sheldon	1937	Cracknell, John James	1953
Bos, Robert	1968	Crafter, Kenneth Charles	1938
Boston, Christine	1966	Crago, Reginald Allen	1951
Bourne, John Wallace	1943	Craig, Lloyd Albert	1941
Bowen, Frederick Lloyd	1939	Craigie, Peter George	1966
Bowey, Allan Edgar	1938	Craigie, William Leslie	1962
Brady, Michael Ignatius	1954	Crawford, Robert John	1966
Branson, Robert Rolling	1937	Croft, Mary Ellen	1954
Brauer, Warren Richard	1965	Crowhurst, John Anthony	1965
		Crowley, Frank Noah	1953

Curnow, Thomas Martin	1942	Geekie, Jacqueline	1966
Currie, Robert John	1950	Gelezkov, Mary	1961
Cushway, Albert Len	1954	George, Humphrey Edward	1958
Dahl, Margaret Eunice	1960	George, Lewis John William	1963
Daniell, Ross Wilfrid	1938	Gerard, Nancy Joy	1955
Daniells, Ian Francis	1968	Gerken, Hans Juergen	1962
Darwin, Lloyd Edwin	1947	Gibson, Elaine Emmalene	1957
Davies, Christopher Brian	1967	Gibson, Lynette	1965
Davies, Jonathan	1953	Gilbert, Glenn John	1961
Davis, John Lloyd	1953	Gilbert, Harold William	1947
de Brenni, Jules	1944	Giles, Howard William	1959
de Waard, Pieter Carl	1955	Gill, Trevor Wayne	1961
Del Fabbro, Jennifer Fay	1965	Gillespie, Keith Herbert	1939
Dent, Althea Ada Lorraine	1953	Glaros, James Arthur	1961
Dixon, John Miller	1953	Glastonbury, Kevin Brian	1955
Djurasevich, Danny	1966	Goldsack, Glen Ronald	1957
Doe, Alwyn Gilbert	1951	Cooley, Ian Milton	1966
Doecke, Jillian Eleanor	1961	Goscombe, David Bevan	1952
Dolman, John George	1951	Gould, Ashton Noye	1938
Donaldson, Kevin James	1959	Graham, Francis Chapple	1961
Donaldson, Trevor John	1966	Grimes, Charles Lindsay	1952
Donohue, John Sylvestre	1957	Grist, Robert Hocart	1951
Dowding, Ruth Elma	1948	Grooby, John David	1951
Dowling, Kevin Raymond	1966	Grove, William Murray	1939
Downie, Sydney Andrae	1940	Grummet, Philip Hodgson	1956
Drake, Peter Richard	1954	Cryst, Helen	1948
Draysey, Amanda Lea	1968	Cryst, Peter Mervyn	1943
Draysey, Trevor Charles	1967	Cryst, Ross Edward	1952
Driscoll, Ian Harland	1965	Guthrie, John Vincent	1948
Ducker, Murray Edward	1960	Gwynne, Robert Frank	1935
Duggin, Ivan James	1956	Haddad, Alick Peter	1958
Duncan, John Davidson	1950	Haddy, Kenneth Ian	1955
Dundon, Laurence James	1942	Hall, Graeme Edward Smith	1963
Dundon, Noel Francis	1949	Hall, Helen Ruth	1963
Dunstan, Julie Anne	1963	Hall, Thelma Dorothy	1937
Dunstone, Kenneth William Thomas	1943	Hammatt, Edwin Laurence	1948
Dyer, Geoffrey Thomas	1965	Hammond, Joy Dorrita	1955
Eckersley, Malcolm Russell	1939	Hancock, Avrill Isabell	1963
Edgar, Judith	1964	Hanna, Robert Andrew	1951
Edgecombe, Edwin David	1965	Hannah, Robert Mardall	1963
Edwards, Brian John	1960	Hardwick, Bernice	1949
Egar, Paul Gerard	1949	Hardy, Stuart Edward	1936
Elix, Robert Hugo	1935	Harnett, Gilbert Barry	1955
Entwistle, John	1947	Harrison, Warren George	1959
Evans, Anthony Greig	1945	Hart, Richard Barry	1963
Evans, Margaret Ann	1956	Harvey, Marie Jeanne	1956
Evely, Roderick Harding	1938	Hawson, William Francis	1952
Everett, John Kingsley	1953	Hay, Andrew Robert	1964
Everett, Robert James	1968	Hayter, Bruce William	1951
Ey, William Theodor	1937	Hayter, Glenys Joy	1966
Farley, Donald Charles	1955	Heal, Bruce Leslie	1963
Farmer, Swithin William	1959	Hearn, Walter Joseph	1945
Feist, Colin Sydney	1957	Hedger, Brian	1965
Fenn, Donald George	1950	Heint, Eduard Evald	1956
Fewings, Margaret Anne	1963	Hellier, Roger Stanley	1960
Field, Arthur Blackiston	1942	Hemmings, Thomas Prior	1945
Fisher, Robert Hilson	1942	Hennessy, Claude Harold	1940
Fitch, Rosalind Claire	1964	Hennessy, Ian Nicolson	1955
Fitzgerald, Ian Thomas Francis	1957	Hennoste, Märt	1960
Fitzgerald, Robert John	1940	Hession, John Eric Martin	1941
Fitzroy, Helen Eugene	1965	Hewitt, Rosslyn Jayne	1959
Flaherty, Howard Norman	1947	Hibble, Ross Ernest	1950
Fleer, Eric Donald	1952	Higgins, Gordon Leslie	1949
Fleetwood, Robert James	1965	Hill, Dudley Clarke	1950
Fletcher, Herbert Ross	1962	Hillman, Eric Anthony	1954
Fletcher, Raymond Frank	1961	Hodgson, Alan David	1956
Flood, Harry Brougham	1951	Hogben, Patricia Annette	1966
Flood, John Warden	1953	Holder, Reuben Clement	1953
Flower, Alexander McKinnon	1958	Holds, Herbert John	1964
Folkert, Marina	1957	Hole, Ronald	1952
Foreman, Kevin John	1960	Holland, Bernard Dominic	1964
Forward, Ann Patricia	1966	Holland, Bernard John	1952
Francis, Deidre Jean	1967	Holmes, Leon Francis	1960
Francis, Robert Leonard	1950	Hopewell, Edward Wallace	1951
Fraser, Wallace	1950	Hoskin, Phillip Joseph	1966
Frazer, Kenneth John	1952	Hosking, Allen Edwin	1934
Frearson, Harold Thomas	1939	Huber, Waldemar Richard	1957
Freeman, Colin Charles	1944	Hudson, Warren Mervyn	1964
Freeman, John Christian	1943	Hulbert, Russell George	1938
Fricke, Yvonne June	1954	Humble, William Gilbert	1954
Frost, Natalie June	1966	Humphrys, Arnold Clarence John	1951
Fry, Gavan John	1963	Hunt, Laurence August	1953
Funder, Eileen Mary	1935	Hurford, Margaret Ruth	1966
Gambell, Dennis Charles	1964	Hutchins, Ross	1942
Gameau, John Lewis	1936	Huxtable, Colin Stanley	1948
Ganley, Margaret Anne	1964	Huxtable, Kenneth Clarence George	1949
Garrett, Philip Douglas	1953	Hyde, Donald John	1960
Garrod, John Raymond	1966	Ingerson, Graham Alexander	1963
Gartrell, Roger	1936	Jackson, John William	1957
Gaunt, Norman William	1934	Jacobs, Ian Cecil	1967

Jacobs, Philip Arthur	1952	McHugh, Michael James	1963
Jeffrey, John Leigh	1956	McInnes, James Laurie	1963
Jeffs, Percival Lancelot	1938	McKee, Geoffrey Peter	1959
Jelfs, John Robert	1958	McKellar, Keith George	1958
Jelfs, William Lawrence	1965	McKenzie, John David Blair	1960
Jenner, Helen Muriel	1959	McMordie, James George	1950
John, Clarence Gilmore	1948	McNeil, Keith Albert	1952
Johns, Colin Raymond	1968	MacQueen, David Dugald	1933
Johnson, John Kenneth	1950	MacRae, George Brown	1956
Johnson, Keith Douglas	1941	Madigan, Haydn John	1967
Johnson, Leonard	1945	Magarey, James Allan	1955
Johnson, Owen Royce	1956	Maine, John Evans	1942
Johnston, Edwin John McCallum	1938	Makin, Harry Arnold	1960
Johnston, Michael John	1962	Maloney, Barbara Lilian	1956
Jolly, Andrew Stanley Dickson	1967	Maloney, Denise Minetta	1956
Jolly, Norman Dickson	1939	Maloney, Peter Robert Gryst	1958
Jones, Douglas Perry	1950	Maloney, Terence John	1945
Jones, Heather Vivian	1957	Malpas, Cecil Egerton	1955
Jones, Jennifer Margaret	1959	Manhire, Donald Walter	1934
Jones, Kevin Bernard	1964	Manning, Lancelot Henry	1934
Jungfer, John Gerrard	1961	Manton, Jack Hudson	1934
Justin, John Herbert	1942	Martin, Adeline Zoe	1956
Kaehne, Brian Robert	1959	Martin, Beverley Sue	1961
Kain, Coleman Lawrence	1938	Martin, Kinnish Salkeld	1958
Kamm, Geoffrey Norman	1955	Martin, Rex George	1961
Kanovics, Leslie Zoltan	1965	Martin, Rosalie Edith	1963
Kasdoba, Lydia	1957	Martin, Thomas Jarvis	1948
Katchor, Bernard David	1963	Martindale, Aileen Francis	1947
Kaufman, Lilian Jeannette	1967	Martindale, Edward John	1939
Kean, Christopher James	1953	Marshall, Alfred George Robert	1966
Keipert, Paul Howard	1942	Mashford, Anne Lesley	1955
Kemp, Ronald Gordon	1966	Mathieson, Allen George	1935
Kenny, Rosemary Elizabeth	1963	Matthews, Maurice John	1955
Kentish, Frank Stow	1952	Mayfield, Margaret Hazel	1962
Kildea, John Brian	1952	Mazzei, Anthony Ronald Peter	1962
Kimber, Hubert Thomas	1937	Meaney, Lance Amadei	1943
Kimber, Malcolm John	1956	Mensday, John Cleveland	1954
King, David McMillan	1957	Medlow, Ronald George	1951
Kinnear, Gerald Campbell	1955	Meegan, Peter	1960
Kinsley, John Vere	1938	Mensforth, Paul Alfred	1963
Kinsley, Valmai Bronwen	1966	Merry, David John	1958
Kirby, David Bevan	1940	Meyers, John Robert	1941
Kirkbride, Laurence John	1968	Michaels, Donald Ernest	1951
Klaffer, Ralph	1954	Middlemiss, Brian Robert	1944
Klopp, Malcolm Keith	1967	Mildren, Brian Frederick	1960
Knightley, Harold Alan	1948	Millar, Bruce George	1948
Knill, Douglas William	1940	Miller, Heather Joyce	1966
Laffer, Mildred Emily	1935	Miller, Meredith Joy	1938
Lalor, William Brian	1935	Miller, Robert Lionel	1968
Lane, Adrienne	1963	Milton, Brian Francis	1968
Larwood, Patricia Myrtle	1947	Milton, George John Byron	1967
Laslett, Kym Trenton	1968	Mitchell, Andrew John	1944
Lawton, Brian Eley	1949	Mitchell, Donald Graham	1954
Lawton, Rosalind Mary	1964	Mitchels, John Roger	1961
Lazare, Marcel Banciaon Issac	1956	Mittiga, Tommy Michael Archangel	1955
Lazare, Vicky	1959	Montgomery, Gillian Pentland	1951
Leak, Weston Hugh	1939	Moriarty, Daniel Francis	1957
Lean, Albert Gordon	1938	Moriarty, Vincent John	1955
Lean, Keturah Victoria	1935	Morony, Graham Tylor	1945
Lee, Graham Bruce	1959	Mosel, Donald	1964
Lee, Thomas Ian	1954	Moyse, Robert Mervyn	1952
Lenthal, Douglas Lionel	1936	Mudie, Robert Charles Wedderburn	1953
Lever, Lionel Alfred	1952	Mudie, Stuart Mayelston	1940
Lewis, Graham Neil	1961	Mugg, Gordon Murrie	1957
Lewis, Loulie Maxine	1949	Munyard, Patricia Carlene	1968
Leyshon, Stephen Noel	1954	Murphy, Antony William	1966
Libikas, Irene	1965	Mutton, Barbara Marjorie	1957
Linklater, Anne Stirling	1966	Nagy, Akos	1965
Lipert, Alan Lewis	1962	Naughton, Ann	1956
Lloyd, Jack Maxwell	1955	Netting, Keith Cameron	1947
Lloyd, Rosemary Helen	1968	Newbery, Betty Hilda	1944
Lock, Peter Bayard	1943	Newbery, Donald Ernest	1947
Lockett, Trevor John	1958	Newbery, John Henry Edward	1941
Logan, Margaret Alberta	1961	Newson, Clarence Alfred	1966
Lokan, Elaine Beryl	1957	Newson, Donald Allen	1941
Lovell, Barbara Jean	1948	Nicholas, Cecil David	1949
Lower, Rupert Alexander	1940	Nicholls, Brian Charles	1956
Lucas, Marjorie Blanche	1965	Nicholls, William John	1957
Ludkins, Geoffrey James	1961	Nicholson, Joan Valma	1968
Lugg, Patricia June	1959	Niehuus, Richard John	1961
Luks, Edite Helga	1962	Ninio, Henry Jacques	1935
Lynas, Kaye Ward	1952	Norman, Alfred James	1951
Lyons, Colin Henry	1951	Norman, Jack Campbell	1959
McCarthy, Kenneth Arthur	1961	Norton, Leonard	1960
McCarthy, Roderick Charles	1936	Nottage, Jeffrey Keith	1959
McCull, Peter Donald	1951	Nunn, Graham Jefferson	1968
McCulloch, Paul Damian	1964	O'Brien, Geoffrey John	1956
McDonough, Peter John	1959	O'Callaghan, Neil Edward	1966
McDougall, Alistair Douglas	1966	O'Connell, Christopher Colin	1966
		O'Connor, Brian Thomas	1954

Ogders, Murray Grenfall	1938	Robinson, Murray Gilbert	1947
Offe, Garth Ian Hamilton	1940	Rodda, Robert Willard	1955
Ongley, John Henry Albert	1936	Rogers, Barry Harcourt	1952
O'Reilly, Dominic Patrick John	1941	Rohlfing, Kenneth Malcolm	1948
Orr, Fay Patricia	1954	Rohrig, D'Arcy Clayton	1941
Oswald, John Kenneth Gibson	1960	Rohrig, Wayne Kenneth	1968
Otto, John Leyland	1954	Rolfe, Thomas John	1936
Page, Roger Anthony	1965	Rosewall, Robert Walker	1953
Pain, John Shannon	1955	Rostek, Zenon-Carolus	1957
Pak Poy, Wilfred Cecil	1952	Rowe, Gordon Thomas	1948
Palape, Janis Zanis	1954	Rowe, John Crawford	1950
Palk, Michael John	1955	Rowe, Peter James	1964
Parker, Colin John	1954	Rowell, John Neville	1959
Parker, Rex Carleton	1934	Ruch, Peter Bruce	1968
Parsons, Donald Allan	1952	Rush, William Callander	1959
Pascoe, Kenneth William	1964	Russell, Alan Alexander	1947
Paterson, Fay	1958	Russell, John Wayne	1965
Paterson, Kevin Walter	1955	Russell, Norman	1950
Patrick, Brian Thomas	1960	Ryan, Molly Hazel	1942
Patrick, Reginald Ross	1942	Ryder, Carlene	1966
Patterson, Ronald Thomas	1939	Ryder, John Bernard	1943
Pawson, Keith Curry	1952	Saies, David	1954
Payne, Beryl June	1952	Salman, Harry William	1934
Payne, Geoffrey Milton	1965	Salmon, Walter Kenneth	1966
Peek, Donald Harvey	1947	Sansom, Lloyd Norman	1963
Penhall, Donald Frederick James	1951	Sawyer, Trevor Joseph	1955
Penny, Donald Ross	1952	Scarman, Graham Alwyn	1954
Phanchet, Chantane	1957	Schocroft, John Charles	1953
Phelps, Kevin George	1952	Schoff, James Alec	1958
Phillips, Christine Ellery	1961	Schroeder, June Adele	1951
Phillips, Geoffrey Wayne	1966	Schuetze, Robstine John	1962
Phillips, Stuart Hill	1963	Schultz, Barry Robert	1962
Phillips, Yvonne Ruth	1953	Schultz, Francis John	1940
Philp, Harold John	1953	Scott, Malcolm John	1968
Physick, Anthony Noble	1960	Scrivener, Bruce Allan	1952
Physick, Colin Alick	1967	Scrivener, Desmond Arthur	1950
Physick, William Alick	1940	Shapter, William Evan	1944
Pickering, John Ronald	1953	Shaw, Peter	1962
Pinchbeck, Lawton James	1965	Shepherd, Peter	1940
Pittman, Brian Arthur	1962	Shelcliffe, Reginald George	1936
Pledge, John Melvin	1958	Shinnick, John Roger	1959
Poigreen, Rodger William	1964	Short, Lynette Margaret	1952
Pontifex, Andrew	1967	Shute, Leslie Norman Keith	1955
Pope, David Floyd	1958	Siggins, Ronald Hewitt	1938
Pope, Peter Ray	1962	Simcock, Gerald Cyril	1953
Porra, Robert John	1953	Simon, John Ross	1951
Porter, Kenneth Symes	1935	Skews, Thomas Nisbett	1952
Potter, Elizabeth	1963	Skull, David Geoffrey	1961
Potts, Frank Desmond	1951	Skurray, Ronald Anthony	1960
Preece, Malcolm Stewart	1954	Sleep, Frank Ronald	1945
Prendergast, Robert William	1966	Smith, Brian Robert	1963
Pride, Geoffrey William	1961	Smith, Frederick Brian	1960
Priess, Richard John	1941	Smith, Graham Reginald	1934
Prisk, Colin John	1962	Smith, Heather Belle	1957
Pritchard, Helen Bessie	1948	Smith, John Brooke	1965
Prosser, Malcolm Geoffrey	1955	Smith, Mervyn Keith	1939
Prowse, Helen Christine	1964	Smylie, Gordon McInnes	1940
Pudney, Trevor Kenneth	1967	Smyth, Neil Lawrence	1950
Pullman, Joy Elaine	1965	Somerville, Peter James	1960
Purches, John Alfred	1947	Somogyi, Laszlo	1956
Quintrell, Laurence Neil	1959	Sorrell, Leonard Martin	1942
Raimondo, Frederick	1961	South, John Milton	1968
Raimondo, John Joseph	1966	South, Robert William	1968
Ramsay, Douglas	1934	Southam, David Michael	1959
Ramsay, Colin Bruce	1950	Southam, Sydney Anthony	1950
Ramsay, Maxwell George	1953	Sowry, Kerry John	1962
Ramsay, Mollie Aileen	1942	Spafford, Rex Netherton	1939
Randell, William Richard	1940	Sperber, Allan Lynton	1952
Rankine, Ian Jeffrey	1942	Spick, John Vaughan	1957
Raud, Rudolf	1955	Spurling, Peter Michael	1958
Rauth, William Heseltine	1941	Stain, John Wright	1939
Ravasi, Louis	1961	Stals, Mara	1965
Raw, Ian Lawrence	1967	Standish, Donald James	1955
Redmond, John William	1958	Stanfield, Pauline	1960
Reid, Betty Lorna	1949	Stanley, Patricia Dorothy	1954
Reid, Colin Liston	1954	Starr, Barry John	1962
Retallick, Gladys Yvonne Joan	1943	Statton, Bruce Arthur	1943
Retallick, John James Mark	1951	Stedman, Paul George	1952
Rice, William Frederick	1934	Stevens, James Stanley	1960
Richards, Brian John	1952	Stevens, James Leonard	1966
Richards, William Leonard	1956	Stock, Beresford Hannam	1957
Richardson, Jack McPherson	1937	Stock, Dianne Christine	1962
Richardson, Joseph Peter	1961	Storen, Walter Joseph	1951
Richardson, Kevin Graham	1963	Stratton, Trevor Carl	1961
Richter, John Steven	1954	Strehlow, Retraud Frieda Agnes	1961
Rickard, John Maxwell	1956	Streicher, Francis Mannix	1942
Ridley, Kenneth	1965	Stuckey, Mary Hill	1942
Roark, Ian Bolton	1959	Stunnel, Gwenda May	1957
Roberts, Craig Stephen	1968	Sutcliffe, Ian Geoffrey	1964
Roberts, Peter Vernon	1951	Sutcliffe, Lewis Allan	1952
		Swan, Joyce Charlotte	1942



Sweet, Ronald Langdon	1953	Warnecke, Peter Gerald	1952
Symonds, Robert Murray	1951	Warner, Peter John	1965
Tait, Colin Field	1964	Warren, Donald Spencer	1951
Talbot, Allan Benjamin	1940	Washington, Neville Elliott	1958
Taylor, Ray Athol	1949	Waters, Robert William	1958
Taylor, Ronald Norman	1947	Watson, Colin Hubert	1955
Taylor, William Thomas	1936	Watson, John Myers	1949
Teakle, John Kevin	1951	Watts, John William	1938
Telfer, Donald	1954	Watts, Robert Neville	1955
Theel, Elliott Wilkins	1955	Wauchope, Alan Wylie	1941
Thomas, Donald Laurence	1961	Wayne-Smith, Elizabeth Andrée	1964
Thomas, Jeanette	1956	Webb, Donald Ralph	1943
Thompson, David Richard	1958	Webber, Brian Earl	1952
Thompson, Donald Bruce	1953	Webster, Helen Joyce	1967
Thompson, Eric James	1935	Weedman, Dale Elton	1954
Thompson, Jillian Erica	1959	Weir, Nancy Mavis	1963
Thomson, Margaret	1957	Weller, Reginald Lancelot Elon	1953
Thorpe, Pamela	1967	Wellington, Nancy Catherine	1944
Thredgold, John Lewis	1960	Wescombe, Peter George	1953
Tiver, Lloyd Charles	1937	West, Lionel Thomas, M.B.E.	1952
Tomeo, Charlie	1966	Westerman, Penelope	1966
Tomlinson, Janet Rosemary	1957	Wheaton, Frank Hurtle Pengeley	1948
Tonkin, Peter Richard	1942	Wheeler, Eric Henry	1942
Torricero, Ivo Henry	1968	Wheeler, Reginald Gordon	1944
Townsend, Graham Rosslyn	1952	Whitelum, Donald Lindsay	1959
Tregilgas, Bruce Burnett	1957	White, Brian Kenneth	1957
Trevelyan, Denys Murray	1948	White, John Carew	1940
Trowse, Donald Desmond	1965	White, John Matthews	1941
Trummer, Anthony George	1955	Wiesner, John Alexander	1963
Trummer, Judy Charlotte	1966	Wickes, Ronald John	1941
Tulloch, Roger James	1949	Wight, Kathleen Desma	1966
Turner, Andrew Arthur	1968	Wigley, Tom Joseph	1934
Turner, Ross Walter	1959	Williams, Allan Ross	1956
Tyler, David John	1960	Williams, Brian Norman	1954
Upton, James Harold Charles Hughes	1938	Williams, Edward Francis	1947
Upton, Robert Maxwell William Alexander	1951	Wilmot, Barry Marsden	1967
Valente, Giulio	1955	Wilson, Beryl Maud	1951
Vartuli, Giuseppe	1964	Wilson, Donald Kenneth	1951
Veitch, Robert Henry	1951	Wilson, Michael Minell	1956
Venning, Claude Meadows	1940	Wilson, William Fraser	1941
Vickery, Heather Gloria	1966	Wilton, Michael	1964
von Doussa, Kathleen Gwendoline	1949	Wohlfarth, Robert William	1965
Wakefield, Meredith Elaine	1966	Wood, Ian Barclay	1962
Walker, Brian Gilbert	1962	Woods, Meredyth Tenison	1962
Walker, Graham John	1961	Woolford, Lewis Maxwell	1951
Walkley, John Robert Gilchrist	1968	Woollard, Mervyn John	1935
Walker, John Ross	1967	Woollard, Michael Jon Winston	1962
Walker, Leonard Frank	1936	Wormald, Colin Lyle	1962
Walker, Raymond Charles	1943	Worthington, Ralph Henry	1953
Wall, Kenneth	1936	Wright, Glen Robert	1966
Wallace, Malcolm Gladstone	1958	Wurn, Peter Sinclair	1953
Wallace, Peter William	1966	Wyd, Robert Bowen	1950
Walsh, Afton Peter	1937	Young, Geoffrey David	1962
Walsh, Zeta Mary	1934	Zander, Frank Howard	1941
Wandke, Brenton Graham	1955	Zander, Robert John	1968
Ward, Clyde Hedley Charles	1948	Zilm, Lorraine Betty	1956
Ware, John Brian	1950		
Warnecke, Drennan Paul	1949		

## ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Bridgland, Meralyn Louise	1966
Allen, Ursula Margaret	1957	Brooks, Charles Alfred	1945
Allert, Margaret Elizabeth	1943	Bryce, Gordon	1962
Angwin, Helen Mary	1952	Bullock, Ivor George William	1950
Armstrong, Elizabeth Ann	1968	Bungay, Elizabeth Ann	1967
Arthur, Lawrie Edyvean	1949	Bungay, Valmai Gladys	1958
Aspinall, Nancie Jean	1944	Cadzow, Leslie Consort	1949
Astley, Margaret Helen	1953	Carlson, Margaret Jean	1958
Baker, Mary Elizabeth	1942	Chapman, Denise Alcon	1950
Barker, Leon James Frank	1957	Cockburn, Glennis Evelyn	1963
Barnett, Frederick Ian	1956	Cook, Heather Mignon	1947
Beare, Lynden Day	1954	Cooke, Jennifer Joan	1964
Bell, Thomas Clive Lithgow	1943	Coonan, Wayne Earl	1966
Betteridge, Pamela Beth	1951	Cooper, Brian James	1954
Betts, Beverlie Frances	1962	Cooper, Jane	1965
Boucher, Andrea	1966	Coppock, Jeanetta May	1943
Bowman, Meredith Aileen	1963	Cox, Marilyn Ann	1960
Bown, Colin Trevor	1966	Crafter, Robert Roy	1964
Braham, Henry Arnold Collyer	1951	Crisp, Brian Rex	1952



Daly, John Alfred - - - - -	1960	Martin, Keith James - - - - -	1967
(Surrendered 1967)		Mellish, Mary Evelyn - - - - -	1954
Dane, Beverley Ann Jennifer - - - - -	1959	Michelmore, Agnes - - - - -	1958
Daniels, Jeffrey Gordon - - - - -	1965	Michelmore, Margaret - - - - -	1963
Davis, Colleen - - - - -	1962	Moller, Christopher Brian - - - - -	1964
Day, Lynton John - - - - -	1966	Moss, Dennis Philip - - - - -	1965
Delanty, Patricia Hickford - - - - -	1949	Moule, Ronald, A.U.A. (Arts and Education)	1968
Delsar, Frederick William - - - - -	1949	Munn, Gary Reuben - - - - -	1962
Dodd, Graham Douglas - - - - -	1968	Mutton, Howard James Charles - - - - -	1948
Dodd, Peter William - - - - -	1967	Newman, Shirley Lena - - - - -	1954
Drabsch, Alfred Felix, B.A. - - - - -	1947	Nitschke, Jill Anne - - - - -	1968
Duffield, Valma Jean - - - - -	1953	Nixon, Valerie Colinette - - - - -	1955
Duncan, Prudence Ann - - - - -	1960	Noble, Alan - - - - -	1956
Edge, Thomas George - - - - -	1958	Nyland, Bruce Thomas - - - - -	1967
Eldridge, Diana Melbourne - - - - -	1950	Oaten, Roger Brenton - - - - -	1968
Emmel, Jeffrey Donald - - - - -	1966	Oatey, Robert Reginald - - - - -	1966
Evans, Joan Mary - - - - -	1968	O'Loughlin, Ruth Dorothy - - - - -	1945
Evers, Josephine Anne - - - - -	1966	Oon, Seng Wah - - - - -	1965
Ewins, Christine Mary - - - - -	1963	Paddick, Robert Joseph - - - - -	1961
Farmer, Judith Ellen - - - - -	1957	Page, Ronne Earle - - - - -	1944
Fenwick, George William, A.U.A. (Arts and Education)	1965	Pavia, Grant Robert - - - - -	1961
Freebairn, Jeannette - - - - -	1962	Pohl, John - - - - -	1965
Fromen, Petrea Elsie Dora - - - - -	1950	Porter, Joanna Christine - - - - -	1967
Gates, Ian George - - - - -	1958	Proctor, Ivy Millicent, B.A. - - - - -	1945
Gibson, Christine Joy - - - - -	1968	Pugh, Elizabeth - - - - -	1949
Gilmour, Melvyn Bernard - - - - -	1964	Quigley, Brian Maxwell - - - - -	1959
Gold, David Louis - - - - -	1968	Reece, Evan Wilfred - - - - -	1965
Good, Wayne Gordon - - - - -	1968	Rees, Pamela Joan - - - - -	1966
Goode, Paul Bryce - - - - -	1965	Reynolds, Maxwell Stanley - - - - -	1944
Goodhart, Helen Mary - - - - -	1967	Roberts, Owen David - - - - -	1947
Gordon, Glenda May - - - - -	1966	Robertson, Ian Dean - - - - -	1967
Gould, Sinclair Edward Donald - - - - -	1968	Rowe, Joy Dorothy - - - - -	1950
Grace, Gloria Dawn - - - - -	1951	Saint, Bryce Wesley - - - - -	1958
Grange, Mary Louise - - - - -	1958	Sanderson, Marie Ellen - - - - -	1967
Green, Ralph Noel - - - - -	1952	Sarson, Ian Kenneth - - - - -	1965
Croom, Terence Robert - - - - -	1966	Scheutz, Harold Edwin - - - - -	1947
Hage, Jillian Frances - - - - -	1964	Scott, Suzanne Helen - - - - -	1967
Halbert, John Arno - - - - -	1958	Shakes, Dean John - - - - -	1963
Halsey, Trevor Geoffrey - - - - -	1954	Sibly, John Maslin - - - - -	1956
Hancock, Barry Malcolm - - - - -	1968	Sladden, Jefford Desmond - - - - -	1949
Hargrave, Cynthia Claire - - - - -	1966	Sladden, Richard Glenn - - - - -	1964
Haslam, Denise Allison - - - - -	1949	Snowden, Janette Daphne, B.A. - - - - -	1960
Hayes, Lindsay Milton - - - - -	1963	Snowden, Kendall Rita - - - - -	1964
Henderson, Joyleen Faye - - - - -	1962	Spier, David Lindsay - - - - -	1965
Hodgson, Geoffrey Arthur - - - - -	1950	(Surrendered 1967)	
Hogben, Rosemary Helen - - - - -	1967	Squires, Barry Watkins - - - - -	1964
Hooper, Elaine Meredith - - - - -	1967	Stephens, Jillian Mary - - - - -	1968
Horne, Leonard William - - - - -	1960	Swalling, Jeffrey Leigh - - - - -	1965
Horvat, Ludovic Henry - - - - -	1941	Taylor, Charmaine Cynthia - - - - -	1965
Hussey, Terry Robert - - - - -	1967	Taylor, Peter John - - - - -	1966
Ising, Margaret Lucy - - - - -	1942	Taylor, Philippa Helen - - - - -	1959
Jaques, Trevor Donald - - - - -	1965	Telfer, Iris Claire - - - - -	1956
Jensen, Richard Ian Broughton - - - - -	1950	Thomas, Margaret Anne - - - - -	1945
Jericho, Lois Joy - - - - -	1960	Tindall, Keith Frederick - - - - -	1968
Johnson, Paul Francis - - - - -	1965	Torr, Alison Ruth - - - - -	1950
Jones, Judith Ann - - - - -	1967	Treagus, Edward Mervyn - - - - -	1959
Jude, Margaret Bowman - - - - -	1962	Tuckwell, Patricia Glenne - - - - -	1957
Keuning, Duurt Harm - - - - -	1968	Tulloch, Helen Christine - - - - -	1963
Kidman, Elizabeth Duncan - - - - -	1942	Utry, Lewis - - - - -	1968
Lapthorne, Robert Ingersoll - - - - -	1960	Van Velsen, Carolyn Marie - - - - -	1961
Lane, Denis Albert - - - - -	1964	Van Velsen, Helena Suzanne - - - - -	1967
Laycock, Geoffrey Clinton - - - - -	1948	Vilmanis, Biruta Regina - - - - -	1965
Liberts, Ivars Arturs - - - - -	1965	Wadrop, Neil Raymond - - - - -	1965
Lim, Teow Wan, B.Sc. - - - - -	1966	Wait, Robert Noel, A.U.A. (Arts and Education)	1966
Lines, Beryl Linda - - - - -	1952	Watson, Margaret - - - - -	1953
McArthur, Heather Eunice - - - - -	1965	Wells, Peter Alexander - - - - -	1965
McCarthy, Graham Rees - - - - -	1960	Westley, Kevin John - - - - -	1965
McCord, Pamela Judith - - - - -	1964	Whalen, Harry Roy - - - - -	1961
McCormack, John Gavan - - - - -	1968	White, Esme Kathryn - - - - -	1966
McDowall, James - - - - -	1952	Whittingham, Nancy Olive May - - - - -	1958
McElroy, Geoffrey Keith - - - - -	1968	Williams, Margaret Gordon - - - - -	1942
McGargill, Gordon Winstanley - - - - -	1949	Williams, Rosemary Claire - - - - -	1961
MacGillivray, Leith Grant - - - - -	1951	Williamson, Catherine Patricia - - - - -	1961
McMillan, Ronald Trevor - - - - -	1966	Wollaston, Elsie Margaretta, B.Sc. - - - - -	1950
Mablesen, Robert Kent - - - - -	1967	Wollaston, Philip Hamilton - - - - -	1954
Maddocks, Jean Kinloch - - - - -	1944	Woodbridge, Aileen Frances - - - - -	1948
Marnham, Raelene Dawn - - - - -	1965	Young, Christine Dorothy - - - - -	1968
Marsland, Brian Keith - - - - -	1961	Zwar, John David - - - - -	1965

## ASSOCIATES IN PHYSIOTHERAPY

Abbie, Margaret Helen	1963	Ede, Helen Joan	1967
Ackland, Helen Harrington	1958	Evans, Margaret Wynne	1956
Adams, Jill Patricia	1962	Fielder, Ethel Kathleen	1948
Addison, Geraldine Mary	1960	Filander, Sondra Kay	1964
Anderson, Doreen May	1958	Fisher, Joan Elizabeth	1957
Appelbee, Christine Iris	1987	FitzPatrick, Eiril Margaret	1950
Appleby, Dorothy Dawn	1950	Follett, David James	1953
Apps, Meredith Mary	1965	Frankcom, Rhonda Patricia	1952
Ashton, Barbara Jean	1953	Fraser, Simon Brewster	1968
Ashton, Virginia Margaret	1964	Fricke, Muriel Vera	1948
Askwith, Elizabeth Mary	1966	Frith, Colleen Beverley	1965
Avery, Elizabeth Margaret Austin	1966	Fuller, Alexia Helen	1967
Badge, Helen Elizabeth	1960	Funnell, Deanne Patricia	1968
Bagot, Elizabeth Marian	1966	Gardner, William James	1960
Banks, Athalie Isabelle	1951	Gault, Averil Margaret	1949
Banks, Garland	1951	Gemmell, Rae St. Clair	1958
Barclay, Alison Mary	1960	George, Elaine Fay	1961
Barker, Janet	1965	Gibson, Pauline Janet	1956
Barkley, Mary Louise	1966	Gilbertson, Jean Margaret	1963
Barlow, Margaret Jean	1956	Gillman, Meredith Eldred	1958
Barnett, Mary-Elizabeth Anne	1964	Glover, Patricia Joan	1961
Barnett, Patricia Clare	1966	Godwin, Jennifer Helen	1967
Baskus, Kristina Brigita	1968	Goesch, Jennifer May	1965
Beech, Alison Erica	1954	Goldsack, Jennifer Ann	1960
Begg, Jenny Isobel	1949	Goodes, Robyn Annette	1964
Begg, Pauline	1951	Graham, Alison Margaret	1960
Bennett, Julie Anne	1968	Graham, Ronald Kirkwood	1953
Betts, Elizabeth Ann	1964	Grant Williams, Juliet Dorothy	1965
Birks, Prudence Carleton	1963	Gray, Colin Stuart	1968
Biven, Mabel Audrey	1947	Gray, Gary Colin	1953
Blake, Jillian Heather	1956	Gray, Janet Lesley	1950
Bloor, Hellyne	1961	Gray, Jennifer	1962
Boito, Evelyn Ruth	1968	Gray, Jule Marie	1951
Bowden, Margery Helen	1960	Greenlees, Florimel Susan	1968
Bowman, Kathleen Mary	1952	Griguol, Annalisa	1968
Brady, Kevin James	1953	Guy, Alison Heather	1967
Branson, June Maxine	1948	Guy, Elizabeth Joan	1963
Broad, Donald Ivor	1954	Ham, Helen Prudence	1954
Brooks, Dorothea Joan	1956	Hamilton, Sally Nancy	1958
Brown, Marcia Bentley	1967	Hammond, Marie Joan	1951
Burnard, Elizabeth Glen	1963	Hannaford, Claire Anne	1949
Burns, Stephanie Ellen	1965	Hannaford, Frances	1965
Burrows, Susan Joy	1962	Hardy, Barbara Mansell	1946
Burton, Margaret Gwendoline	1967	Hardy, Claire Jeanette	1965
Butler, Barbara Christine	1964	Hardy, Mary Mansell	1951
Campbell, Andrea	1967	Harper, Lynne Crofton	1966
Cembzynski, Helena	1968	Harries, Linda Kay	1968
Chambers, Ruth Alva	1955	Harrod, Susan Elizabeth	1964
Chapman, Margaret Ann	1957	Haskard, Robin Lindsay	1954
Chapple, Margaret Anne	1962	Hart, Julie Diana	1965
Chittleborough, John James	1952	Heaver, Merron Coulson	1965
Claridge, Helen Cheryl	1968	Heysen, June	1948
Clark, Genevieve Mary	1950	Hill, Margaret Anne	1966
Clark, Jenifer Margaret	1954	Holder, Charlotte Ruth	1949
Clark, Jennifer Elaine	1955	Hole, Rachel Agnes	1962
Clarkson, Josephine Mary	1965	Hosking, Elizabeth Mary	1957
Collins, Doreen	1946	Humphry, Mary Louise	1962
Colliver, Judith Mary	1947	Hunwick, Janet Margaret	1964
Copley, Fay Muriel	1948	Ilman, Elizabeth Lynn	1966
Cornell, Janet-Clare	1956	Jackson, Pauline Kay	1963
Cornish, Barbara Jean	1957	James, Christine Roberta	1964
Cornish, Gwenneth Kathleen	1957	Jamieson, June Edna	1953
Cotton, Christine McGregor	1967	Jay, Judith Helena	1947
Creswell, Joan Elizabeth	1951	Jennings, Jill Gellibrand	1947
Crisp, Rosemary	1956	Job, Kathleen	1950
Crocker, Colleen Ann	1958	Johns, Gordon James	1946
Cross, Geraldine Frances	1954	Johnstone, Heather Joy	1958
Crowe, Helen Katherine Margaret	1948	Jones, Alison Mary Herbert	1948
Danks, Robyn Martin	1968	Jordan, Hilary Anne	1951
David, Irene Rose	1964	Juszkiewicz, Krystyna	1968
Davis, Cherylann Hannaford	1968	Juttner, Susan Elizabeth	1953
Davys, Barbara Ramsay	1951	Karpenko, Tatiana	1961
Deverson, Claire	1961	Karpenko, Zoya	1961
Dicker, Pamela Georgine	1962	Kelly, Francis Simeon	1949
Dicker, Patricia Margaret	1958	Kidnie, Marilyn Elizabeth	1967
Dingle, Elizabeth Ridgway	1960	Kinsman, Alison Joan	1949
Donaldson, Robert Gordon	1948	Klutke, Eric Willi	1953
Douglass, Maria Aleksandra	1968	Laffer, Erica Merle	1952
Dow, Diana Caroline Sandland	1947	Lake, Joan	1946
Downs, Margaret Rosslyn	1961	Laver, Dorothy Margaret	1948
Doyle, Christine Mary	1964	Lawrence, Susan Mary Craig	1965
Duncan, Julie	1964	Lee, Lynette Heather	1967
Dunkley, Barbara	1952	Le Messurier, Margaret Jane	1967
Dunning, Barbara Kathleen	1963	Leslie, Janice Laurel	1958
Dunning, Beverley Constance	1958	Ligertwood, Virginia Jane	1968
Dwyer, Margaret Rosalind	1958	Lim, Tai-Giok	1965

Limbirt, Jeanette	1960	Robertson, Elspeth Mignon	1965
Livingstone, Joanne	1965	Robertson, Mary Douglas	1947
Lloyd, Rosemary Anne	1962	Robinson, Josephine Ann	1964
Loffler, Claire Dorothea	1968	Rofe, Margaret Jean	1950
Lohmeyer, Diana Barbara	1967	Ross, Susan Mary	1947
Lokan, Janice Mary	1964	Rowe, Suzanne	1966
Luke, Anne Elizabeth	1966	Rozenbilds, Aina	1968
McArthur, Judith Ann	1958	Rumball, Kathleen Janet	1955
McAuliffe, Margaret Muriel	1960	Russell, Mary Libra	1968
McCandless, Rosalind Elizabeth	1953	Russell, Rosemary Alisanne	1961
McCarthy, Adrienne	1964	Rutt, Philippa Prentice	1965
McEachern, Jean Campbell	1958	Rzeszkowski, Lois Morna	1946
McEachern, Margaret Campbell	1963	Salmon, Margaret Besley	1945
McElroy, Margaret Joyce	1950	Sandow, Maxwell George	1952
McGrady, Rosemary Annette	1959	Sawley, Helen Jean	1963
McKay, Margaret	1962	Schafer, Enid Alice	1962
McKenzie, Helen Margaret	1966	Schultz, Anne Marie	1968
McKeough, Margaret Joan	1957	Scott, June Margaret	1967
Mackie, Margaret Irene	1950	Sexton, Mary Fleur Playford	1967
McLennan, Fay Masie	1951	Sharp, Janet Dianne	1960
McPhee, Aileen Tempe	1949	Shaw, Janet Anne	1968
Macrae, Wendy Sue	1961	Shaw, Julie Margaret Rodas	1962
Maitland, Geoffrey Douglas	1949	Shearer, Jocelyn Joan	1962
Maloney, Patricia Kathleen	1950	Showell, Jacqueline Mary	1963
Manuell, Janet Mary	1966	Simpson, Jean Katie	1952
Marshman, Margaret Felstead	1946	Simpson, Rae David	1951
Martin, Janet Mary	1965	Simons, Aileen Mary Grace	1957
Martin, Jill Sherwood	1961	Sims, Enid Helen	1950
Mattner, Mignonne Aerilie	1968	Singh, Pritam	1960
Messent, Helen Sando	1960	Skewes, Dianne Kay	1966
Meyer, Carlien Allisarde Ripley	1952	Skewes, Judith Anne	1963
Meyer, Rigmor Stewart	1948	Smith, Elaine Lockhart	1946
Miller, Barbara Anne	1964	Snow, Frances Mary	1955
Mitchell, Dorothy Christine	1948	Sopp, Maxwell John	1958
Moore, Margaret Suzanne Alice	1945	Southam, Catherine Mary Rose	1956
Moore, Virginia Joyce	1952	Springbett, Janice Patricia	1963
Morley, Mary Elizabeth	1946	Starr, Judith Anne	1954
Morris, Suzanne Beatrice	1949	Stoddart, Lorraine Mary	1951
Moulden, Gillian Mary	1960	Stokes, Meredith	1962
Myers, Janice Kaye	1963	Supple, Harvey Walter Thomas	1958
Navakas, Aldona Victoria	1957	Stump, Angela Withrington	1961
Naylor, Penelope Joan	1965	Sweet, Helen Janet	1965
Neaylon, Carmel Mary	1960	Symonds, Helen Lorna	1960
Newland, Elizabeth Creswell	1961	Taylor, Christobel Jane	1952
Newton, Margaret Betty	1950	Taylor, Katherine Lillian	1964
Niehuus, Diana Ruth	1965	Taylor, Margaret Anne	1952
North, Laura Pearl	1964	Taylor, Margaret Jane	1960
Noye, Robyn-Gaye	1968	Taylor, Margaret Mary	1952
O'Brien, Helen Marie	1965	Thomas, Susanna Jeanne	1967
O'Connell, Barbara	1952	Thomson, Janet Elizabeth	1951
O'Neill, Kathleen Margaret	1967	Thomson, Rae Madelienne	1964
Opie, Heather Francis	1965	Thorpe, Barbara Joy	1957
Page, Helen Mary	1961	Thorpe, Heather Evelyn	1957
Paige, Maxwell John	1949	Toft, Jan	1956
Parsons, Jill Angus	1958	Tosolini, Gwen Corinna	1951
Parsons, Stephanie Ethel	1961	Tregenza, Ann Irvine	1956
Pawsey, Angela	1967	Tremellen, Kevin Ross	1968
Peacock, Alison Barclay	1968	Trott, Patricia Helen	1963
Peart, Norman Andrew	1964	Trott, Patricia Catherine Cameron	1968
Pedler, Hatherleigh Jane Lorimer	1962	van Loenen, Johannes Hendrik	1968
Pengilly, Susan Lisbeth	1957	Vilksna, Velta	1955
Petchell, Dorothy May	1960	Vincent, Jillian	1957
Peterson, Margaret Kaye	1967	Verco, Margaret Katherine	1965
Pfitzner, Maxwell Clemens	1966	Vogt, Janette Helen	1964
Pflaum, Margaret Mignon	1968	Waddell, Margaret Jean	1945
Phillipps, Margaret Jean	1945	Waddell, Joan Louise	1957
Phillips, Julie Gordon	1964	Walker, Judith Nora Mudie	1958
Phillis, Maureen Alfreda	1962	Walker, Margaret Gail	1964
Pierotti, Margaret Brown Halley	1955	Walker, Patricia Elizabeth	1963
Pill, Barbara Elaine	1958	Wall, Ellen Winifred	1953
Pinder, Judith Ann	1954	Warmington, Leonie Eve	1961
Piper, Rosemary Lillecrapp	1954	Warren, Heather	1968
Pitcher, Anne Barton	1951	Waterhouse, Jane Hardey	1953
Pitchon, Irene	1966	Watts, Alison Janet	1962
Plush, Lesley Margaret	1949	Webb, Nancy Joan	1958
Polomka, Genevieve Joan	1957	Whicker, Joan Doreen	1954
Porter, Rosemary Anne	1965	White, Jennifer Ruth	1954
Potter, Anne Elizabeth	1968	White, Jennifer Ruth	1967
Preston, Pauline Rowland	1949	White, Ruth Rosanne	1956
Price, Joanna	1960	Wicks, Claire Hampton	1947
Price, Patricia Elizabeth	1968	Williams, Margaret Jean	1961
Radford, Margaret Ann	1956	Willis, Elizabeth Mary	1960
Rady, Deane John	1967	Wilson, Earle Elliot	1958
Rechner, Jennifer	1968	Winnall, Ann Mary	1964
Reynolds, Peter John	1960	Wong, Sick Ching	1968
Rice, Miriam Joan	1958	Wood, Judith Mary	1953
Richards, Philippa Mary	1966	Woodruff, Susan Lyndsay	1965
Rischbieth, Anne Helen	1950	Woolcock, Susan Jane	1963
Roach, Valerie Eyre	1949	Wylde, Annette Eustace	1947
Roberts, Jillian Susan	1968	Young, Margaret Alison	1960

## ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Hutton, Malcolm Austin	1960
Aistrophe, Donald William Anderson	1959	Inglis, Gilbert Gerald	1958
Anthony, Ernest	1950	Inns, Graham Jack	1965
Ashenden, Herbert John	1957	Jackson, Harold Ernest	1955
Bampton, Donald Tulloch	1968	James, Henry John	1955
Belchamber, Kenneth Charles (surrendered 1963)	1959	Jeffery, Charles Frederick	1934
Belcher, Milton Judson	1937	Johnson, Maxwell Colin	1953
Berger, Felix	1965	Kay, Harold Edwin	1938
Brooks, Sidney Rundle	1938	Kennett, Keith Franklin, B.A., Dip.Ed.	1968
Burton, Roy Victor	1937	Koukoulas, Anthony George	1965
Carey, Edward John	1936	Laver, Robert William	1952
Casson, Stirling Ernest	1965	Lawton, Richard William	1961
Cattermole, Allan Jefferson (surrendered 1968)	1963	Lee, Frank Botham	1937
Cavalier, Elizabeth Mary	1943	Lokan, Albert Henry	1939
Clark, James	1938	Mattingley, Maxwell Albert Percy	1945
Collett, Kenneth James	1953	Menear, Ira, B.A.	1953
Combe, Bernard Milo	1937	Messent, Esther Mary, B.A.	1936
Cook, Gordon James, B.Ec.	1948	Millard, Clifford James	1933
Coombe, Albert	1932	Mitchell, William Robert, B.E.	1956
Coombe, Samuel	1936	Naylon, Augustin James	1934
Coonan, Edward Raymond	1949	Norris, Geoffrey Alan	1968
Cordon, Reginald Arthur	1968	Ormond, Colin William	1949
Cottrell, Francis Allan	1934	Pollnitz, Percy Frederick	1938
Craker, Arthur Ernest	1932	Pope, Hugh Gilmore	1932
Dale, Richard Charles Moritz	1940	Pretty, Walter Arthur	1948
Daniel, Claude Alfred Vaughan	1935	Priest, Alan Hewett	1937
Davis, Brian	1952	Reaseigh, Claude Edgar	1934
Davis, Robert Keith	1958	Roberts, John William	1953
Deane, Allan Nicholson	1936	Robinson, David Floyd	1935
Deane, Robert Glenn	1964	Russell, Andrew Earl Lindsay	1951
Dodd, Aubrey Francis Rule	1948	Ryan, Charles Landers	1941
Doecke, Heinrich Albert	1931	Sando, Maurice Hughes	1934
Doig, Malcolm Robert	1955	Schlenk, Conrad John	1958
Donaldson, John Monfries	1936	Segnit, Alick	1957
Doyle, Leo James, LL.B.	1951	Simmons, Donald William, B.Ec.	1950
Dunstan, Jack Connon	1952	Slade, James Henry Gray	1932
Gartrell, Frank Prisk	1956	Smith, Harold Reid, LL.B.	1949
Gilbert, Ronald Victor	1966	Taeuber, Kenneth Charles	1958
Good, Richard John, B.E.	1959	Temme, Bernhard Robert	1933
Gooby, Thomas Warren	1965	Thomas, William Henry Oswald	1947
Gordon, Coleman Guildford	1939	Thompson, Brian Philip	1962
Greet, Norman Stanley	1958	Tillett, Arthur Colin	1950
Griffin, Ray Edwin	1953	Trumble, Hugh Peter Christian, B.Ag.Sc.	1962
Hammond, Raymond Charles	1951	Turner, Brian Scott	1958
Headland, Brian Cobrey	1956	Voyzey, William (surrendered 1959)	1952
Hewett, Alexander Macdonald	1938	Voyzey, William, B.A.	1963
Hoffmann, Allan John	1966	Walker, Colin Alexander Dunstan	1948
Hogben, Edward John	1968	Wellington, Murray Morley	1949
Holland, John Neville	1960	West, Kenneth Charles	1949
Holland, Robin Laurence	1960	Whitdall, Lancelot Arthur	1953
Honey, Henry Beric	1958	Whitford, Alfred Eugene	1941
Hutchinson, Hugh Morgan	1940	Wight, Robert James	1938
		Williams, David John	1956
		Wilson, Kendrick Frank Jefferies	1958

## ASSOCIATES IN SOCIAL STUDIES

Abbie, Elizabeth Mary, B.A.	1964	Clarke, Bernard Angus	1963
Ambrose, Raymond Hamilton Cole	1963	Clarkson, Phyllis Anne	1963
Anderson, Vicki Alexis	1967	Cohn, Juliet Elizabeth	1963
Arkininstall, Alison Vertie	1968	Cooke, Helen Elder	1966
Bagshaw, Dale Margaret, B.A.	1964	Cookes, Meredith Wyn	1967
Barker, Natalie Ruth	1963	Cutten, Annable Jean	1963
Barrey, Stephanie Anne	1968	Dermott, Veda Rosemary	1959
Barry, Diana Mary	1968	Deutscher, Pauline Elizabeth, B.A.	1966
Bateman, Ronald Charles	1964	Dodd, Christine Louise	1968
Beaney, Helen Margaret	1967	Douglas, Alison Jane	1968
Bentley, Anne Burnard	1967	Douglas, Rosemary Lillian, B.A.	1961
Bird, Catherine Campbell	1963	Duncan, Cynthia	1964
Bleby, Peter Bryan	1966	Dunn, Anne Murren	1968
Bonnie, Patricia Avis	1966	Dunn, Jeanette Anne	1966
Bourne, Margaret	1968	Edgar, Prudence Jane	1965
Brinkworth, Anne	1968	Engler, Beryl Edna	1966
Brown, John Ross	1967	Eu, Sim Choon (surrendered 1968)	1966
Brownell, Elizabeth Mary	1968	Fisher, Angela Margaret	1968
Bull, Lorna Adylene	1964	Fitzgerald, Keith George	1968
Burnard, Robin	1960	Flaum, Barbara Catherine	1967
Butcher, Verity Elizabeth	1965	Forwood, Kathreen Meta	1964

Frost, Josephine	1964	Meaney, Jillian Olga	1963
Gaal, Charles Louis, M.D. (Debrecen)	1967	Metcalfe, Heather Joy	1965
Gameau, Brenda Dianne	1965	Miels, Patricia Joan	1966
Garbett, Carolyn Stewart	1966	Miller, Christine Elisabeth	1963
Gay, Patricia Emma	1961	Mitchell, Marilyn Joy, B.A.	1967
Gaze, Belinda Jane	1964	Moore, Barbara Grace, M.A. (Melbourne)	1960
Gerlach, Sally	1968	Morgan, Lester Joy	1966
Giles, Anne O'Halloran	1968	Mullins, Annabel Joy	1966
Gilfillan, Catherine Jean	1967	Murrie, Elizabeth Gordon	1965
Gill, Jennifer Mary	1967	Nance, Graham John	1962
Gladstone, John Laurence	1968	Neighbour, Gabrielle Lawrence	1966
Goh, Kia Ngan, David	1966	Nicholas, Paul	1968
Goldie, Christine Joan	1968	Nicholson, Janet Lesley	1966
Golley, Alison Mary	1962	Noble, Jack Morton	1962
Good, Elizabeth Ruth	1963	Oxenberry, Rodney Bruce	1967
Goode, Margaret Mary	1968	Parker, Frank Connell	1964
Graham, Janice Helen	1966	Patterson, Kenneth George	1967
Griffiths, Pamela Joy	1966	Peake, Christine Mary	1967
Gursansky, Dianne Elizabeth	1967	Pearce, Judith Helen	1966
Haeusler, Michael John Rowland	1963	Phillips, Anne Gordon	1966
Hallett, Janet Cameron	1966	Phillips-Rees, Susan	1967
Hally, Eleanor Cecilia	1967	Pink, Judith Margaret	1968
Hardy, Margaret Anne	1962	Pope, Geoffrey Weston, B.Sc.	1965
Harris, John Vivian	1962	Potter, Pamela Du Rieu	1963
Harry, Jenifer Priscilla	1964	Price, Lorraine Ruth	1959
Hartwig, Marjolin Maud	1968	Rice, Peter Melville	1963
Healy, Judith Mary	1967	Rohan, Vanessa Mary	1968
Heddle, Margaret Ann	1966	Rosenberg, Simone	1968
Hemer, John Murray	1962	Scott, Diana Steele	1964
Hicks, Anne Margaret	1965	Shaughnessy, Carolyn	1966
Higgins, Anthea Mary	1961	Shepherd, Philippa Jan	1964
Hines, Judith Helen	1963	Smith, Beverley Jillian	1966
Hiskey, Elizabeth Margaret	1968	South, Jane Helen	1964
Hodgson, Dianne Marie Emma	1965	Southgate, Jocelyn Margaret	1963
Holland, Terence Joseph	1960	Stock, John Rendle	1967
Hollidge, Lesley Faith	1966	Strehlow, Shirley Rosamunde	1965
Homer, Henry Clarence	1967	Sutherland, Elizabeth D'Arcy	1968
Howard, Cherry Anne, B.A. (West. Australia)	1967	Sykes, Hilda Joyce	1967
Hughes, Patricia Gliddon, B.Sc.	1960	Tan, Jerry Andrew	1961
Hughes, Philippa Gwynne	1965	Teo, Joo Choo	1965
Hughes, Rosalind Selwyn	1964	Thompson, Helen Veronica	1967
Inglish, Christine Audrey	1966	Thompson, Pamela Forbes	1968
Inglish, Helen Daphne	1966	Thyer, Jillian	1965
Jamrozik, Adam Wladyslaw	1966	Treagus, Elaine Mary	1966
Jeffries, Elizabeth Shirley, B.A.	1959	Trowbridge, Ann Elizabeth	1968
Jones, Moya Frances Britten	1959	Trumble, Helen Elizabeth (surrendered 1968)	1967
Kernick, Lorraine Maria Catherine	1963	Truscott, Lisbeth Joan	1966
Kidman, Joan Ailsa	1968	Twin, Ariene May	1965
Killington, Gary Milton	1963	van Deth, Eveline	1968
Kimber, Raymond Anthony	1967	Wagstaff, Margaret	1968
Kronberger, Julia Jane	1966	Wallis, Wendy Pamela	1965
Lakstigala, Lauma Edite	1965	Walton, Shirley-Anne Campion, B.A.	1965
Lee, Heather Anne	1968	Waters, Mavis Esther	1968
Leong, Lyne Ching	1968	Watkins, Adrian Thomas	1967
Lewis, Diana Grenfell	1966	Watkins, Robin Mark	1967
Lewis, Ian James	1966	Watkinson, Patricia Anne	1966
Lewis, Patricia Hayward	1968	Watkinson, Sandra Raie	1967
McJerney, Margaret Anne	1965	Weaver, Pauline Claire	1968
McKittrick, Coral Yvonne	1961	Weir, Harold Gibson (surrendered 1968)	1967
McLoughlin, Marie	1967	Wilson, Heather May	1968
McMichael, Alison Stuart	1966	Wolanin, Renata Yolanta	1965
Mander, Barbara Anne	1963	Wordie, Elizabeth	1965
Mander-Jones, Lois Jessie	1968	Worrell, Wendy Deirdre	1965
Markwell, Sally Patricia	1965	Yeo, Khee Bee	1964
Marvell, Janet Christine	1966	Yeo, Kim Seok	1961
Mathews, Reginald Ross	1968	Yeo, Thiam Teng	1965
		Young, Gillian Margaret	1968

## DIPLOMA IN COMPUTING SCIENCE

Burke, Philip Damien, B.Sc., B.A.	1967	Riceman, Mary Stirling, B.Sc.	1968
Hercus, Robert William, B.E.	1967	Robertson, Robert James, B.Sc.	1967
Howard, Leslie Frank, B.A.	1968	Schoff, Richard Frederick, B.App.Sc.	1966
Porter, David Rodney, B.Sc.	1968	Seidel, Ronald Desmond, B.Tech., Dip.Ed.	1968
Rainsford, Brett Geoffrey, B.Sc.	1968		

## DIPLOMA IN EDUCATION

Ackland, Anthony William, B.Sc.	1968	Boord, Frederick Hughes, B.A.	1957
Adams, James Harold, B.A.	1965	Borchardt, Mary Pauline, B.A.	1963
Aitken, Ellen Raelene, B.Sc.	1965	Bormann, Malcolm Carl, A.U.A. (Arts and Education)	1951
Alcock, Dudley Horald, B.A.	1944	Boroky, Betty Margaret, B.A.	1959
Allen, John Bernard, B.A.	1942	Bosworth, Michael Richard, B.Sc.	1968
Allen, Leonard Nicholls, M.A.	1939	Both, Roger James, B.Sc.	1966
Alley, Sheila Grace, B.A.	1967	Boundy, William Stevenson, B.Sc.	1958
Altmann, Olive Stella, B.A.	1951	Bourke, Denis Francis, M.A. (Sydney)	1959
Altus, Rudolph Herman, M.A. (Melb.)	1950	Bourke, Elma Marie, B.A.	1941
Anders, Douglas John, B.Sc.	1947	Bourman, Robert Peter	1967
Anderson, Alex Gordon, B.Sc.	1956	Bradley, Denise Irene, B.A. (Sydney)	1965
Anderson, Aubrey James Clifton, B.A.	1948	Braham, Henry Arnold Collyer, B.A.	1960
Anderson, Barry Charles, B.Sc.	1964	Bray, Elva Mildred, B.A.	1943
Anderson, Graham Lancelot George, B.Sc.	1964	Brazier, John Richard, B.A.	1952
Arbery, James Herbert, B.A.	1961	Brideson, Colin Herbert, B.A.	1959
Arcus, Wesley John, B.A.	1958	Bridge, Kennedy James, B.A.	1963
Argyle, Margaret, B.A.	1957	Britton, Robert John, B.A.	1963
Arnold, Richard Walker, B.Sc.	1966	Brock, Brian James, B.Sc.	1963
Ashby, Grant James, B.Sc.	1967	Brokenshire, Alan Richard, B.Sc.	1966
Ashenden, Dean John, B.A.	1966	Brook, Richard John, B.Sc.	1964
Ashenden, Leslie Edward, B.A.	1952	Brown, Carolyn Mary, B.A.	1961
Ashton, Harry Tambllyn, B.Sc.	1960	Brown, Henry, M.A.	1967
Asiah, binti Ariffin, B.Sc.	1965	Brown, Donald Edgar, B.A.	1924
Aston, Morrell Kenneth, B.A., B.Sc.	1952	Brown, Norman, B.A.	1954
Atherton, Brent, B.Sc.	1965	Brown, Reginald Dutton, B.Ec.	1960
Atwell, Leslie George Danks, B.A.	1941	Bryson, Helen Anne, B.A.	1947
Aubert, Graham James, B.A. (New England)	1963	Bubner, Kenneth Max, B.A.	1966
Baddams, Violet Thenie, B.A.	1940	Bull, Winifred, B.A.	1966
Bails, Dennis Graham, B.A.	1966	Bullas, Vernon Lindsay, B.A.	1948
Baker, Reginald John, B.A.	1965	Bunney, Bronte Rowland, B.Sc.	1966
Bald, William Charles, B.A.	1962	Burdon, Ivor Leslie, B.A.	1957
Ball, Robin, B.A.	1968	Burfield, Arthur, B.A.	1945
Barber, Howard Frank, B.A.	1943	Burfield, Charles Robert	1954
Barnes, Frederick Lynne, B.Sc.	1943	Burns, Esther	1948
Barnes, Geoffrey Lynne, B.Sc.	1944	Burrow, Catherine Patricia, B.A., A.U.A. (Phys.Ed.)	1949
Barr, Trevor Frank, B.A.	1966	Burton, Dudley Hopetoun, B.A.	1966
Barrett, William Vernon, B.A.	1951	Burton, Graham Frank, B.Sc.	1941
Bartholomaeus, Edmund Stanley, B.A.	1931	Butcher, Alan Edward, B.A.	1966
Bartleet, Nancy Irene, B.A.	1950	Butler, Kathleen Fiona, B.A.	1933
Barton, Alan Reginald, B.Sc.	1965	Butler, Pamela Margaret, B.Sc.	1948
Bartsch, Malcolm Ian, B.A.	1967	Cadd, Paul, B.A.	1958
Barwick, Noel Kenneth, M.B., B.S.	1967	Campbell, Archibald Herbert, B.A.	1968
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Cannell, Cedric James, B.Sc.	1939
Battye, Virginia Margaret, B.A.	1968	Cant, Alister McKinnon, B.A.	1942
Bauer, Noel Westley, B.Sc.	1966	Carey, Helen, B.A.	1944
Baum, Murray Richard, B.A.	1957	Carmen, Noel Francis, B.A.	1968
Bawden, Albert Victor, B.A.	1942	Carmichael, Barry Marshall, B.A.	1951
Bawden, Maxwell John, A.U.A. (Arts and Education)	1966	Carthew, Lancelot, B.A.	1966
Bayly, Elizabeth Jean, B.A.	1962	Cavenett, Horace Clifford	1950
Beare, Hedley, B.A.	1956	Cawte, Frederick George Nelson, B.A.	1945
Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.)	1962	Chalklen, Roland John, B.A.	1942
Beaumont, Olive Sowter, B.A.	1943	Chamberlain, Dawn, B.A.	1960
Beauchamp, Geoffrey Peter, B.Sc.	1966	Chant, Barry Mostyn, B.A.	1984
Becker, Roy Colin, B.A.	1965	Chapman, John Marsden, B.A.	1963
Beckwith, Shirley Katie, B.A.	1949	Charlesworth, Jennifer Joy, B.A.	1940
Bennett, Annie Stevens, B.A.	1924	Charlesworth, Thomas William, M.A.	1964
Bennett, Charles Gordon, B.A.	1934	Check, Heather Anne, B.A.	1947
Bennett, Pauline Jennifer, B.A.	1968	Cheng, Mee Chooi, B.Sc.	1967
Bennett, Thomas Southall, B.A.	1940	Chin, Peter, B.A.	1966
Bennetts, William Rawling, B.Sc. (Western Australia)	1956	Chin, Shin Ping, B.Sc.	1967
Bentley, Barbara Claire, B.A.	1965	Chittleborough, Glen, B.Sc.	1967
Bentley, William James, B.A.	1949	Chittleborough, Lyall, B.A.	1960
Berry, Frances Winifred, M.A.	1924	Chittleborough, Wendy Lois, B.A.	1963
Berry, Leslie Thomas McCloud, B.Sc.	1966	Chong, Khey Cheow, B.Sc.	1963
Bested, Gordon John, B.A.	1945	Chopra, Pran Nath, B.A.	1965
Bettison, Margaret Selina, B.A.	1952	Chuah, Yak Siong, B.Sc.	1966
Bettison, Suzanne, B.A.	1966	Chye, Toh Cheong, B.Sc.	1968
Beven, Annette Thelma, B.A.	1966	Clapp, Edwin Kenneth Hamilton, A.U.A. (Arts and Education)	1965
Beven, Raymond Harold, B.Sc.	1964	Clark, Donald Gregory, B.Sc.	1961
Biddle, Enid Barbara, B.A.	1949	Clark, Henry William, B.A.	1968
Bidstrup, Patricia Anne, B.A.	1968	Clark, Marjorie Hilda, B.A.	1954
Biele, Keith William, B.Ec.	1953	Clarke, Brian Russell, B.Sc., A.U.A. (Arts and Education)	1967
Bieske, Elaine Alison, B.Sc., A.U.A. (Arts and Education)	1964	Clarke, Phil Gregory, B.A.	1963
Bilney, Neil Joseph, B.A.	1947	Clayton, Kenneth Ross, B.A.	1952
Bird, Peter Allan, B.A.	1966	Clegggett, Lloyd, B.A.	1987
Blackburn, Jean Edna, B.A. (Melbourne)	1965	Clements, John Wreford, B.A.	1955
Blacket, Margaret Edith Wilmot, B.A.	1965	Close, Maynard Davidson, B.A.	1962
Blackwell, Philip Walter, B.Sc.	1965	Close, Ronald Wilkinson, B.Sc.	1948
Blesing, Rae Flora, B.A.	1961	Close, Susan Elizabeth, B.A.	1945
Boehm, Walter Gotthilf, B.A.	1955	Cochrane, Heather Bernice, B.A.	1985
Boettcher, Helmut, Dipl.Hd.C. (Cologne)	1965	Cock, Leon John, B.A.	1958
Bolt, Janet, B.A.	1964	Coggins, Harold Douglas, B.Sc.	1966
Bone, Maxwell Harold, B.A.	1939	Coggins, John Malcolm, B.Sc.	1955
Bonner, Helen Marjorie, B.A.	1965	Coggins, Robert Symes, B.Sc.	1966
Boomer, Robert Garth, B.A.	1965		1952



Coker, John Godfrey, B.A.	1962	Eyers, Vivian George, B.Sc.	1959
Coleman, Alan Michael, B.Sc. (Wales)	1966	Falkenberg, Walter Edwin, B.A.	1942
Coleman, Isobel Beryl Jean, B.A.	1949	Farmer, Helen Robinson, B.A.	1948
Collins, Charles Vincent, B.A.	1940	Farrell, Edward Francis, B.A.	1944
Connole, Patricia Ann, B.A.	1963	Farrow, Murray Aubrey, B.A.	1947
Cornelius, Muriel Merle, B.A.	1956	Farrow, Robert Murray, B.A.	1956
Corrigan, Lawrence Joseph	1930	Faull, James Francis, B.A.	1964
Cosgrove, Bernard Augustin, B.A.	1945	Featherstone, Dora Bewlay, B.A.	1923
Cosh, James Malthouse, B.A.	1949	Fehner, Martin Johann Traugott, B.A.	1940
Counsell, Ruth Kingsley, B.A.	1955	Fehlberg, Tasman Julius August, B.A.	1942
Coxon, Patricia Magdelein, B.A.	1965	Fergusson, George Robert, B.A.	1955
Cramer, Gerard Leigh, B.A.	1952	Fidge, John Brian, B.Sc.	1968
Cramond, Margaret Mary Alyn, B.A.	1956	Field, Alan Kimber, B.A.	1958
Crannaford, Barry John, B.A.	1968	Finn, Beatrice Mary, B.A.	1943
Crawford, Graham John, B.Sc.	1966	Fisher, Ruben Walter Alfred, B.A.	1950
Cropley, Arthur John, B.A.	1960	Fitzgerald, Bartholomew John, B.A.	1932
Cross, Jack, B.A.	1957	Fitzgerald, Clarence Lindsay, B.A.	1954
Crowe, Elizabeth Mary, B.A.	1954	Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954
Crowther, Frederick John	1968	Fitzpatrick, Clifford George, B.Sc.	1952
Curry, Christine Mary, B.A.	1965	Fitzsimons, Robert Owen, B.A.	1965
Cusack, John Charles, B.Sc.	1959	Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928
Dack, Thomas, B.A.	1938	Flynn, Kevin John, B.A.	1942
Daddow, Henry Howard, B.A.	1943	Forbes, Elizabeth McLean, B.A.	1965
Dally, John Alton, B.A.	1963	Forbes, William, B.A.	1939
Daniel, Narialie Anne, B.A.	1966	Forrest, Richard Bruce, B.Sc.	1966
Danielsen, Fredrick Graham, B.Sc.	1964	Forsyth, Elliott Christopher, B.A.	1950
Darzens, Dace, B.A.	1963	Foster, Heather Anne	1968
Darr, David James, B.Sc.	1966	Francis, Lindsay Edward, B.A.	1967
David, John Fairhall, B.A., B.Ec.	1964	Fraser, John William	1968
Davies, David Alwin, B.A.	1967	Freidenfelds, Mara, B.Sc.	1963
Davies, Natalia, B.A.	1940	Fricke, Lyall Peterie, B.Sc.	1951
Davis, Robert Bruce, B.A.	1950	Fuller, Geoffrey Roy, B.Sc.	1963
Davison, Gordon William, B.A.	1938	Fulton, Gwen Evelyn Hamilton, M.A.	1945
Davison, John Mitchell, B.A. (Q'ld.)	1966	Gaffney, Robert John, B.Sc.	1966
Daw, William Ronald	1954	Gamble, Graham Beaumont, B.Sc.	1965
Day, Christine Janet, B.A.	1965	Gann, Eric Crump, B.A.	1954
Deacon, Merowyn May, B.A., A.U.A. (Music)	1964	Ganzis, Nicholas, B.A.	1965
Dean, Daniel Frederick, B.A.	1967	Gardini, Alessandro, B.Sc.	1966
Deer, John Gregory, B.Sc.	1966	Care, Lloyd, B.Sc.	1938
Dempster, Beryl Joan, B.A.	1964	Gaskell, Joan Mary, B.A.	1955
Dennis, Alan Henry, B.A.	1953	Gazard, Geoffrey Albion, B.A.	1949
Dennis, William Norman, B.Sc.	1958	Geering, Adrian Douglas, B.A.	1968
Densley, Mary Muriel, B.A.	1964	Gent, Alan Franklin, B.A.	1950
Dent, Marjorie, B.A.	1960	Gentle, Valerie Anne, B.Sc.	1968
Dent, Nancy, B.A.	1962	Georg, Victor Gerhard, B.A.	1952
Denton, David Ross, B.A.	1963	George, David Charles, B.Sc.	1964
Dilena, Michael James, B.A.	1966	Gerlach, Max Johann, B.A.	1927
Dinning, Alfred Ernest, B.A.	1933	Geytenbeek, David Robert, B.Sc.	1959
Dinning, Rodney Alfred Brady, B.A.	1956	Gibbs, Alfred Lewis Burnand	1949
Doman, Mary Gladys, B.A.	1961	Gibson, Ernest Stephen Harvey, M.Sc.	1942
Donaldson, Pamela Margaret, B.A.	1961	Gibson, Gladys Ruth, B.A.	1940
Donaldson, William Barry, B.Sc.	1968	Gibson, Graham Coyne, B.A.	1953
Donnellan, Teresa Marie, B.A.	1950	Giddings, Keith, B.A.	1963
Dowdy, Norman James, B.A.	1949	Giersch, Leonard Ernst, B.A.	1943
Downs, George William, B.A.	1948	Gilchrist, Robert James, B.A.	1950
Doyle, William Albert, B.A.	1964	Giles, James Ramsay, B.A.	1962
Driver, Bruce Edwin, A.U.A. (Arts and Education)	1965	Gilham, James Edgar, B.A.	1959
Dunbar, Harry Edward, A.U.A. (Arts and Education)	1966	Gill, Clarence William, B.A.	1940
Dungey, Kevin Leonard, B.A.	1944	Glastonbury, Dudley Ivan, B.A., B.Sc.	1935
Dunlop, Walter James, B.A.	1958	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Dunn, Edith Marie, B.A.	1942	Gliddon, William Aquilla Robert James, B.A.	1959
Dunn, John Gilding, B.A.	1963	Glynn-Roe, Wilfred Joseph	1950
Dunn, Sydney Stephen, B.A.	1951	Gobbett, Donald Lyon, B.A.	1963
Dwyer, Ann Maud, B.A.	1964	Gobbett, Estelle Margaret, B.A.	1963
Dyster, Colin, B.A.	1967	Goh, Kim Kee, Ivy, B.Sc.	1966
Dyster, Thomas, B.A.	1956	Golding, Edmond William, B.A.	1951
East, Mabel Margaret, B.A.	1965	Golding, Phyllis May, B.A.	1954
East, Vernon Roy, B.A.	1948	Goldney, David Charles, B.Sc.	1963
Eckersley, Peter Douglas, B.A.	1965	Goldsmith, Robert Eric Lewis, B.Sc.	1965
Eckert, Lexley Frank, B.A.	1960	Goldsworthy, David, B.A.	1959
Eden, Owen Frederick, B.Sc.	1951	Goldsworthy, John Garfield, M.A.	1951
Edgar, Heather Mary, B.A.	1960	Goldsworthy, Reuben, B.Sc.	1954
Edmonds, Richard Lewis, B.A.	1966	Gooden, Edgar Whitridge, B.Sc.	1959
Edmonds, Ruth Iris Marie, B.Sc., A.U.A. (Arts and Educn.)	1965	Gooden, Rosalind Mary, B.Sc.	1961
Edmonds, Thomas James, B.A.	1965	Goodenough, Trevor John, B.Sc.	1965
Edwards, Carolyn Edith, B.Sc.	1965	Goodrich, Roy Stanley, B.Sc.	1966
Edwards, Philip Glen, B.Sc.	1961	Gould, Ian Morris, B.Sc.	1964
Edwards, Victor Wilfred Alcom, B.A.	1948	Graham, Mary Theresa, M.A.	1940
Ekns, William Gray	1968	Gray, Ian Howard, B.A.	1967
Elder, Audrey Olive, B.A.	1950	Green, Carlotta Rosina, B.A.	1966
Eley, Agnes May, B.A.	1948	Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.)	1961
Elliott, Rodney Gordon, B.A.	1968	Green, Richard Maslen, B.A.	1940
England, Gerald Clifford, B.A.	1962	Greeneklee, Charles Sydney, B.Sc.	1965
England, Robert Keith, B.Sc.	1966	Greenshields, Leonore Mary, B.Sc.	1968
Esselbach, Rodney, B.A.	1958	Grgurich, Ivan, B.A. (Sydney)	1968
Evans, Mary, B.A.	1941	Griggs, Clarence Middleton, B.Sc.	1928
Ewers, William David, B.A.	1940	Grosvenor, Edna Mary, M.A.	1951
		Guerin, Lois Joy, B.A., A.U.A. (Phys.Ed.)	1965
		Gunn, James Allan Baikie, B.A.	1963
		Gunton, James Donald, B.A.	1940
		Gurry, David Cyril, B.A.	1964

Hackett-Jones, Rosemary Frances, B.A., A.U.A. (Music)	1966
Haden, John Forbes, B.A.	1955
Haese, Frederick Ernest Douglas, B.A.	1952
Haese, Kevin Arthur, A.U.A. (Arts and Education)	1966
Hague, John Stanley, B.A.	1961
Hahne, Nguyen Thi Thanh Lam, B.A.	1968
Haines, Ian Grenville, B.Sc.	1968
Haines, Murray David, B.A.	1959
Haines, Paul, B.A.	1968
Hall, Clifford Thomas Robert, A.U.A. (Arts and Education)	1967
Hall, Valerie Lois, B.Sc.	1965
Hallinan, John Michael, B.Sc. (Sydney)	1965
Hamilton, Neil Joseph, B.Sc.	1966
Hampel, Lyl Herbert, B.A.	1968
Hancock, Deane Glenn, B.Sc.	1965
Hancock, Kenneth John, B.A. (W.A.)	1968
Hansberry, John Pierce, B.A.	1949
Hansberry, Mary Estelle, B.Sc.	1953
Hansen, Ian Victor, B.A.	1954
Harper, Brian Youl, B.A.	1966
Harper, Ronald George, B.A.	1941
Harrington, Colin, B.A.	1949
Harrip, Brian John, B.A.	1955
Harris, Colin Raymond, B.A.	1968
Harris, Donald Dunstan, M.A.	1934
Harris, Dudley Andrew, B.A.	1940
Harris, Elizabeth Ann, B.A.	1965
Harris, Lorna Muriel, B.A.	1950
Harris, Neville Dean	1948
Harris, Shirley Joyce, B.A.	1968
Harrison, Howard Raymond, B.A., B.Sc.	1964
Harriss, Henry Thomas, B.A.	1966
Hart, Arthur Maxwell, B.A.	1950
Hartley, Barrie Clifford	1968
Hartmann, Galia Lynnette, B.A.	1965
Harvey, Judith Mary, B.A.	1966
Harvey, Mary Mignon Owen, B.A.	1966
Harvie, Sydney Haral, B.Sc.	1938
Haseloff, Milton Conrad, B.A.	1965
Hasenhor, Edward, B.A.	1952
Hashim, Aloyah, B.A.	1966
Haslam, Jonathan Alanell, B.A.	1965
Hatwell, Neville, B.A.	1966
Hauser, Frederick Herbert, B.A.	1934
Hawke, Cynthia Joy, B.A.	1961
Hayward, Walter Richard, B.A.	1937
Healey, Nora Kate, B.A.	1941
Heath, Carol Ann, B.A.	1966
Heidenrich, George Bernhardt Franz, B.A.	1948
Heinemann, Mervyn Lambert, B.A.	1948
Helbig, Doris, B.A. (Qld)	1966
Henderson, Margaret Evelyn, B.A.	1960
Herbert, Peter Jeffrey, B.Sc.	1968
Herman, Eugene, B.A.	1964
Hervey, Gordon Wayne, B.Sc.	1965
Heuzenroeder, John Mathwin, B.A.	1963
Hew, Tong Moy, Helen, B.Sc.	1965
Hewitson, Helen Margaret, B.A.	1962
Hewitson, Malcolm Thomas, B.A.	1955
Hickey, Kathleen Veronica, B.A.	1950
Hicks, John Buchanan, B.Sc.	1965
Higginbottom, Edwin Corlett, B.A.	1929
Higgins, Alfred James, B.A.	1950
Higgs, Margaret Mary, B.A.	1967
Hilbig, Paul Berthold, B.A.	1935
Hill, Ivan William, B.Sc.	1964
Hill, John Albert, B.Sc.	1963
Hill, Robert Maxwell, B.Sc.	1965
Hirst, Ronald Robert, B.Ec.	1944
Hiskey, Thomas Alan, B.A.	1951
Hodge, Brian Jack, B.A.	1965
Hodge, Warren David Payne, B.A.	1965
Hogarth, Thomas Arthur, B.A.	1965
Holland, Joan, B.A.	1948
Holley, Maurice Frederick, B.Sc.	1962
Holmes, Angus Spooner, B.A.	1957
Holmes, Patricia Langley, B.A., (Music) A.U.A.	1965
Honey, Anne Elizabeth, B.A.	1963
Hood, Morris Samuel James, B.A.	1965
Hooper, John Robert, B.A.	1960
Horner, Frances Jane, B.A.	1962
Hoskins, Howard Berthold, B.A.	1938
Howard, Ephrem, B.A.	1940
Howlett, Diana Rosemary, B.A.	1959
Howlett, Nellie Ruth, B.A.	1944
Howlett, Philip Thomas Michael, B.A.	1944
Hughes, Michael Robert, B.Sc.	1968
Hume, Beryl May, B.A.	1960
Humphries, Arthur Cecil George	1941
Hunkin, Milton Philip, B.A.	1958
Hurn, Pamela Junette, B.A.	1964
Hutson, Nicholas James, B.Sc.	1965
Hutson, Walter William	1945
Hutton, Alan Victor, B.A.	1963
Hutton, Deane Winston, B.Sc.	1966
Hyde, Alan Graham, B.Ec.	1955
Hynes, Gertrude Doreen, B.A.	1966
Ingleton, Christine, B.A.	1965
Inglis, Norman John, B.Sc.	1966
Ireland, Norman Arthur, B.A.	1924
Isom, Constance Ruth, B.A.	1942
Jackson, Peter Alexander, B.A.	1966
Jenkin, Alfred John Roseland, B.A.	1939
Jenkins, Rex Desmond, B.A.	1943
Jenkins, Ronald Keith, B.A.	1968
Jennings, Colin Bruce, B.Sc.	1965
Johncock, Ernest Harry, M.A.	1929
Johnson, Christine Rachel, B.A.	1968
Jolly, William Richard Norman, B.A., B.Sc.	1939
Jones, Albert Walter, B.A., B.Sc.	1939
Jones, Jeanette Rosemary, B.A.	1965
Jones, Linda Margaret, B.A.	1968
Jones, Michael John, B.A.	1962
Jones, Reginald John, B.A.	1954
Jordan, Deirdre Frances, B.A.	1951
Jovanovic, Jorg Gerhard, B.A.	1967
Judd, James, B.A.	1956
Juett, Christina Margaret, B.A.	1943
Kane, Leo William, B.A.	1965
Karran, Peter Douglas, B.Sc.	1965
Kean, Eileen Margaret, M.A.	1954
Kean, Mary Veronica, B.A.	1964
Kearney, Bernard James, B.A.	1949
Keightley, David Douglas, B.Sc.	1968
Kelabora, Lambert, B.A.	1968
Kelly, Ellen, B.A.	1934
Kelly, Frank Reginald, B.A.	1961
Kennett, Keith Franklin, B.A.	1965
Kenny, Martin Lance, B.A.	1942
Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947
Kerin, John Francis, B.A.	1956
Kerslake, William James, B.A.	1942
Kesting, Louis John, B.A.	1945
Keynes, Nanette Joan, B.A.	1950
Khadijah, Karim, B.A.	1966
Kies, Alick Andrew, B.A.	1948
Kieselbach, Patricia, B.A.	1964
Kildea, Mary Francis, B.A.	1941
Kimber, Robert James, B.A.	1964
Kingston, Patricia Joan, B.A.	1965
Kite, Helen Edith, B.Sc.	1966
Kite, Robert Frederick	1968
Klaebe, Ruth Adelaide, B.A.	1951
Kloeden, Louis Adolph, B.A.	1951
Knauerhase, Oscar Carl, B.A.	1938
Knight, Russell William, B.A. (Econ.) (Manc.)	1958
Knowles, Martyn Carey, B.Sc.	1966
Koehne, Raymond Percy, B.A.	1948
Kohler, Bryce Leonard Percival, B.Ec.	1955
Kroemer, Maureen Annette, B.Sc.	1965
Kuhl, Dean Hasting, B.Sc.	1965
Laidlaw, William Clarke, B.A.	1940
Lamacraft, Kenneth Ronald Ross, B.A.	1955
Lamborne, Maxwell Addison, B.A.	1963
Lamey, Charles Sydney, B.A.	1937
Lang, Ian Philip, B.Sc.	1957
Lang, Samuel Brambley, B.A.	1966
Langfield, Penelope Jane, B.A.	1968
Langford, Peter Angus, B.A.	1966
Langrehr, John Scott, B.Sc.	1965
Laslett, Ian John, B.Sc.	1954
Laslett, Rosalie Elisabeth	1968
Latz, Clement Victor, B.Sc.	1963
Laubsch, Colin Andrew, B.Sc.	1958
Lawlor, Margaret Cecilia, B.Sc.	1965
Lawry, Reginald Arthur, B.A.	1947
Lazaroff, Nicholas, B.Sc.	1964
Leach, William Valentine, M.A., Dip.Econ.	1928
Leder, Gilah Chaja, B.A.	1965
Leditschke, Margaret Mary Caroline, B.A.	1959
Lee, Geok Eng, B.Sc.	1968
Legge, Flora, B.A.	1967
Lemcke, Vincent Andrew Howard, B.A.	1949
Le Mercier, Karin Isabel, B.Sc.	1967
Lemmy, Ford Prall, B.A.	1955
Leske, Elmore, B.A.	1960
Lewis, Leonard Arthur, B.Sc.	1947
Lewis, Raymond Douglas, B.Sc.	1943



Lewis, Richard Owen, B.A.	1959	Mattingley, Brian John, B.A.	1939
Lewis, William Albert, B.A.	1966	Mattner, Aubrey Laurence, B.Sc.	1964
Liew, Nyok Kheng, B.Sc.	1966	May, Dorothy Mary, B.A.	1948
Lillecrapp, Douglas Arthur Julian, B.A.	1950	May, Elizabeth Ann, B.Sc.	1964
Lillywhite, Myra Jean, B.A.	1963	May, John Miners	1968
Lim, Yew Meng, B.Sc.	1966	May, Leonard Seymour, B.Sc.	1939
Lindop, Arthur Clive, B.Sc.	1965	Mayer, Rolph William, B.A.	1964
Lloyd, Edward John, B.Sc.	1964	Maynard, Donald Archer Scott, B.Sc.	1940
Lochert, Paul Bertram, B.Sc.	1966	Maynard, Robert Keith, B.Sc.	1964
Loechel, Beverley Claire, B.Sc.	1966	Maguire, John Charles, B.A.	1947
Lockwood, John, B.Sc.	1965	Measday, Ellen May, B.A.	1947
Loffler, Donald Arthur, B.A.	1962	Measday, Shirley, B.A.	1949
Lokan, Janice Julia, B.A.	1969	Middleton, Melville John William, B.A.	1943
Longbottom, Maxwell Ernest, B.A.	1962	Milbank, Ian Richard, B.A.	1966
Lord, Eric Ross, B.A.	1961	Milburn, Elizabeth Mary, B.A.	1965
Lowke, John James, B.Sc.	1958	Miller, Annie Rose, B.A.	1948
Luke, Eleanor Ann, B.A.	1966	Mills, John Murray, B.A.	1959
Lush, Anita Rose, B.A.	1960	Milne, Annie Johnson, B.A.	1939
Lush, James Barrington, B.Sc.	1968	Milne, Kenneth James, B.Sc.	1965
Lushey, Harold Merton, M.A.	1930	Mitchell, Albert Leonard, B.A.	1960
Lynch, John Henry, B.A.	1950	Mitchell, Annie Nora	1938
Lyons, John Forbes, B.Sc.	1942	Mitchell, Nancy Jean	1968
McArthur, Donald Glen, B.A.	1965	Mitchell, Robert John, B.Sc.	1964
McCarthy, Bernard, B.A.	1942	Mitchell, Zonne Marion, B.A.	1959
McCracken, Samuel Raymond	1958	Mitton, Madge Winifred, B.A.	1966
McCullough, Amy Margaret, B.A.	1945	Molloy, Raymond Brian, B.A.	1951
McDonald, Donald Angus, B.Com. (Melb.)	1966	Moody, John Masson, B.Ec.	1968
McDonald, Elizabeth Margaret Alison, B.A.		Moore, Elizabeth Douglass, B.A.	1966
(W.Aust.)	1966	Moore, John Robert, B.A. (Western Australia)	1960
McDonald, Donald Stuart, B.A.	1945	Moore, Neville Stanley, B.A.	1958
McDonald, Gilbert Sherman, B.A.	1934	Morgan, Grant Maxwell, B.A.	1967
McDonald, John Hunter, B.A.	1936	Morris, David George, B.Sc.	1967
McDonald, Percy William, B.A.	1940	Morris, John Lennox, B.A.	1954
McDonald, Peter Baker, B.A.	1957	Morris, Maxwell Arthur, B.A.	1961
McElroy, Anthony Godfrey	1947	Mudge, Margaret, B.A.	1958
McElroy, Barrie Ivon, B.A.	1967	Mueller, Edwin Albert, B.A.	1954
McEvoy, Aloysius John, B.A.	1942	Mueller, Rae Vernon, B.Sc.	1954
McFarlane, Jill Susan, B.A.	1966	Muetzfeldt, Elfriede, B.A.	1941
McGowan, George Murray, B.A.	1940	Mugford, Rex Ernest, B.A.	1962
McGuire, Anthony Christopher, B.A.	1960	Mules, Betty Lavina, B.A.	1950
McIntosh, Florence	1945	Mulvihill, John Christopher, B.A.	1967
McKay, James William	1963	Mundy, Barry John, B.Sc.	1966
McKay, Malcolm William, B.A.	1938	Mundy, Kevin Arnold, B.A.	1942
Mackenzie, Helen Marie, B.A.	1966	Munn, Jeffrey Lewis, B.Sc.	1966
McKinnon, Robert Campbell, B.A.	1954	Murphy, Christopher John, B.A.	1968
McLay, Andrew Harold, B.A.	1951	Murphy, Deirdre Mary, B.A.	1966
McLean, Murray Colin, B.A.	1936	Murphy, Joan Beverley, B.A.	1967
McLean, Reginald Alexander, B.A.	1965	Murphy, John Paul, B.Sc.	1968
McLeod, Janet Gertrude, B.A.	1960	Murphy, Laurence Frederick, B.A.	1968
McMillan, Stanley Lyall, B.A., B.Sc.	1939	Murphy, Mary, B.A.	1938
McMurtie, Alfred Ian, B.A.	1939	Murphy, Shylie Patricia, B.A.	1948
McMurtie, Colin, B.A.	1957	Murphy, Warren James	1967
McPharlin, Alison Tudor, B.A.	1939	Murrie, Jill Margaret, B.A.	1957
McPherson, Alexander Owen, M.A., B.Sc.	1966	Nancarrow, Brian James, B.A.	1967
McPherson, John Roger, B.A.	1939	Natar, Mary Ruth, B.A.	1966
Macklin, Laura Muriel Caterer, B.A.	1956	Nettelbeck, David Clive, B.A.	1962
Macklin, William Charles, B.Sc.	1948	Ngui, Sui Lin, Paul, B.Sc.	1965
Macpherson, Reginald Murray, B.A.	1966	Nicholas, Rowland John, B.A.	1944
Magarey, Susan Margaret, B.A.	1945	Nicholas, Barbara Ruru, B.A.	1947
Magor, Clifford James, M.A.	1943	Nicholls, Terence Ivan, B.Sc.	1962
Magor, Irvine Frank, B.A.	1963	Nichols, Frieda Pauline, B.A.	1955
Magor, William Alwyn Roy, B.A.	1968	Nichterlein, Max Ronald, B.Sc.	1955
Maguire, Catherine Rose, B.A.	1964	Nicol, Gary John, B.A.	1965
Manhood, Cleve Charles, B.A.	1966	Nietz, Arno Oscar, B.A.	1953
Manitius, Niklas, B.A. (A.N.U.)	1961	Nikkerud, Clive Julian, B.Sc.	1968
Mann, Airdrie Jean, B.A.	1964	Nimon, Maureen Patricia, B.A.	1966
Manser, William Lloyd, B.A.	1966	Ninnes, Alan Herbert, B.Sc.	1965
Mansfield, Richard Charles, B.A.	1952	Ninnes, Arthur Reginald, B.A.	1944
Manuel, Deane James Hubert, B.Ec.	1965	Nitschke, Peter John, B.Sc.	1964
Marks, Donald Adrian, B.Ec.	1960	Noblett, Hedley Lindsay, B.A.	1939
Marks, Monica Mary, B.A.	1966	Nolan, Peter William, B.Sc.	1968
Marlow, Christopher Roy, B.Sc.		Northey, Helen Louise, B.Sc.	1966
Marsh, Douglas Stanton, A.U.A. (Arts and Educn.)	1964	Nottle, Geoffrey Edward, B.A.	1959
Marsh, William Clarence, B.A.	1941	Noye, Brian John, B.Sc., A.U.A. (Arts and Education)	1966
Marshall, Herbert Edmund, B.A.	1967	Nunan, Douglas Stephen, B.A.	1963
Marshall, William Edward, B.A.	1950	Nunan, Edward Ernest, B.Sc.	1966
Marshman, Ashley Mead, B.A.	1953	O'Brien, Francis John Romuald, B.A.	1954
Martin, Alfred William, B.A.	1941	O'Brien, Therese Mary, B.A.	1968
Martin, Amalia Anna, B.A.	1966	O'Callaghan, Basil Charles, B.A.	1960
Martin, John William, B.A.	1963	Ockenden, Garth Palmer, B.A.	1950
Martin, Lesley Meredith, B.A.	1955	O'Connell, William Bernard, M.A.	1945
Martin, Maurice Leon, B.A., B.Sc.	1948	O'Connor, Deirdre Catherine, B.A.	1958
Martin, Ralph Keith, B.A.	1941	O'Connor, Peter Joseph, B.A.	1955
Martin, Walter Raymond, B.A.	1940	O'Grady, Maureen Therese, B.Sc.	1963
Maschmedt, Zillah Daisy, B.A.	1966	O'Hara, Norah Philomena, B.A. (Melb.)	1966
Mason, Neil, B.A.	1960	O'Malley, John Edwin, B.A.	1949
Masters, Bernard Lincoln, B.A.	1959	O'Neill, Cornelius Patrick, B.A.	1951
Materne, Desmond Eric, B.A.	1950	O'Neill, Marguerite, B.A.	1950
Matters, Horace John, B.A.	1943	Ooi, Eam Beng, B.Sc.	1965
Matthews, Richard Trahair, B.A.		Osman, Neile, M.A.	1948

Ottens, Graham John, B.Sc.	1965	Rendell, Anthony Alan, B.A., Dip.Econ.	1929
Overell, William John, B.A.	1968	Renner, Johannes Theodore Erich, B.A.	1954
Owen, Gwennyth Winsome, B.A.	1945	Reynolds, Christopher Lewis, B.A. (Oxford)	1967
Page, Eleanor Florence, B.A.	1943	Reynolds, Maxwell Stanley, B.A.	1950
Page, Ronne Earle, B.A., A.U.A. (Phys. Ed.)	1965	Richards, Anthony Howard, B.Sc.	1966
Pak-Poy, Patricia Geraldine, B.A.	1964	Richards, Gordon Alfred, B.A.	1940
Pallant, Donald James, B.A.	1962	Richards, William Edward, B.A.	1953
Palmer, John Edward, B.Sc.	1968	Richardson, Ruth Mary Desmond, B.A.	1958
Palmer, John Oram, B.A. (N.E.)	1966	Ridgway, Phillipa Mary, B.A.	1967
Palmer, Reginald Ernest, B.A.	1967	Riedel, Felix Daniel, B.A.	1954
Parish, Vanessa Margaret Scott, B.A.	1965	Rigter, Gerard Theodore Joseph, B.A.	1963
Parkes, Roy Frederick Walter	1952	Ritchie, Jean Frances Ann, B.A.	1968
Parkinson, Geoffrey William, B.A.	1965	Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957
Parkinson, Kevin John, B.Sc.	1955	Roberts, Jennefer Mary, B.A.	1960
Parsons, Colin, B.A.	1959	Roberts, John Desmond, B.A.	1960
Parsons, Edward Clarence, B.A.	1941	Roberts, Richard Gregory Dennis, B.Sc.	1968
Parsons, Robert Allan, B.Sc.	1966	Roberts, Roy, B.A.	1961
Parsons, William Ross, B.A.	1951	Robins, Robert William, B.A.	1966
Pash, Hannah Rita, B.A.	1934	Robinson, Samuel Foster	1922
Patching, Allan Ralph, B.Sc.	1964	Robson, Bruce Neville, B.Sc. (Tasmania)	1956
Patterson, Conrad Brenton, B.A.	1965	Rodgers, Frances Ada, B.A.	1938
Patterson, Reginald Lindsay, B.A.	1966	Roehrs, Herma Erika, B.A.	1953
Paul, Alec Gordon, M.A., B.Sc.	1934	Rogers, Ruth Nellie, B.A.	1956
Paul, Gwenda Helen, B.A.	1966	Rohde, Norman John	1968
Payne, George Basil, B.A.	1938	Rohrlach, Kenneth Deane, B.Sc.	1965
Payne, Jennifer Mary, B.A.	1966	Rooney, Clifford, B.Sc.	1938
Peacock, Dennis Peter, B.A.	1965	Rooney, Lois Josephine, B.A.	1948
Pearce, Alfred Moreton, B.A.	1953	Ross, Margaret Anne, B.A.	1964
Pearce, Charles Clifton, B.A.	1940	Routley, Peter Herbert, B.A.	1960
Pearman, Reginald John, B.Sc.	1957	Rudd, Kenneth Clive, B.A.	1947
Pearson, Howard James, B.A.	1941	Rumbelow, Denis, B.Sc.	1966
Pearson, Leslie Norman, B.A.	1943	Rumpff, Sally Anne, B.A.	1964
Pech, Rufus, B.A.	1968	Ryan, Brendan Patrick, B.Sc.	1964
Pederick, Leith Hubert, B.Sc.	1966	Ryan, Michael Rupert, B.A.	1941
Pederson, Martin John, B.A.	1966	Sage, Harold Robert, B.A.	1954
Pedlow, Clarice, B.Sc.	1944	Salkeld, Jennefer Anne Vickridge, B.Sc.	1964
Pennicott, Ralph William	1953	Sandcock, Alfred Mervyn, B.A.	1938
Pennington, Beryl, B.A.	1945	Sandery, Peter Leonard, B.Sc.	1966
Penny, Hubert Harry, B.A.	1930	Sando, Clarice Melva, B.A.	1955
Penny, Roger Stephen, B.A.	1966	Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957
Perry, Dulcie May, B.A.	1941	Saunders, Graham Edward, B.A.	1962
Peters, George Francis, B.Sc.	1953	Schahinger, Janine Edith, B.A.	1965
Peterson, Jean Clarice, B.A.	1942	Schober, Elizabeth Pauline, B.A.	1967
Pfitzner, Julian Paul, B.Sc.	1966	Scholefield, Judith Ellen, B.A.	1966
Phillips, Brian Douglas, B.Sc.	1965	Schubert, David Arthur, B.A.	1965
Phillips, Gordon Gilbert, B.A.	1947	Schubert, Heather Jean, B.A.	1964
Phillips, William John, B.A.	1963	Schultz, Roland Felix, B.A.	1965
Pinder, Claude Jack, B.A.	1966	Scott, Patricia Anne, B.A.	1965
Pitman, Beresford Ernest, B.A., B.Sc.	1949	Scriven, Murray Walter, B.A.	1960
Pitman, David Arthur Alfred, B.A.	1966	Searle, Clifford Alfred James, B.A.	1940
Pitglase, David Llewelyn, B.A.	1967	Secombe, Margaret Joyce, B.A.	1964
Polkinghorne, Keith, B.A.	1939	Seidel, Ronald Desmond, B.Tech.	1966
Porter, Harold George, B.A.	1942	Seifried, Ethne Helen, B.A.	1965
Porter, Rosemary, B.A. (Western Australia)	1967	Senior, Lionel Rupert, B.A., B.Sc.	1963
Potter, Dennis Robert, B.Sc.	1966	Seward, Catherine Anne, B.A.	1967
Potter, James Downing, B.Sc.	1965	Sexton, Edgar Raymond, B.A.	1935
Power, Frances Maureen, B.A.	1956	Sharman, Florence Mary, M.A.	1923
Prest, Robert Henry, B.A.	1960	Shaw, Joan Hambly, B.A.	1964
Price, Ione Dorothy, B.A.	1949	Shaw, John Robert Stockdale, M.A.	1942
Price, Judith Helen, B.Sc.	1963	Shaw, Kate Hambly, B.A.	1937
Prime, Andree Joyce, B.A.	1949	Shepherd, John Alfred, B.A.	1942
Proctor, Ivy Millicent, B.A.	1939	Shinkfield, Anthony James, B.A.	1957
Provis, Douglas Franklin, B.Sc.	1953	Shrowder, Ronald Louis, B.A.	1943
Pruul, Hendrik, B.Sc.	1968	Simon, John Gary, B.Sc., A.U.A. (Arts and Education)	1968
Fryor, Eric John, B.A.	1941	Simpson, Brian Clifton, B.Sc.	1965
Puckridge, James Terence Winston, B.A.	1965	Simpson, Penelope Margaret, B.Sc.	1953
Purslow, Martin, B.A.	1956	Sims, William George, B.Sc.	1967
Pyne, Maurice Ignatius, B.A.	1929	Siti Hawa, binte Ahmad, B.A. (New England)	1968
Quigley, Brian Maxwell, B.A., A.U.A. (Phys.Ed.)	1966	Slaughter, Terence Davoren, B.A.	1967
Quigley, Francis James Leo, B.A.	1967	Slaytor, William John Hayden, B.A.	1965
Rabone, Elaine Thelma, B.A.	1961	Slee, Dugald Haughton, B.A., B.Sc.	1940
Rabone, Harry Klements Percival, B.A.	1941	Sloan, Robert David, B.A.	1965
Radcliffe, Sheila, B.A.	1953	Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951
Ramsey, Gregor Allen, B.Sc.	1961	Smallcombe, Roy Frederick, B.A.	1955
Rasmussen, Paul Reichardt	1968	Smith, Alick Hardy, B.A.	1963
Ratcliffe, Julian Wayne, B.Sc.	1966	Smith, Barbara Frances Burr, B.A.	1968
Rattley, John Anthony Charles, B.Sc.	1966	Smith, Charles Bruce Powell, B.A.	1965
Rawnsley, Stella, B.A.	1963	Smith, David Carswell, B.A.	1939
Ray, Marjorie, B.A.	1951	Smith, Donald Powell, A.U.A.	1962
Read, John Herbert, B.A.	1959	Smith, Edward Rowland, B.Sc.	1945
Read, Philip Andreas, B.A.	1941	Smith, George Maxwell, B.A.	1965
Read, Wendy Margaret, B.A.	1965	Smith, Jennifer Stewart, B.Sc.	1966
Reade, Robert Victor, B.A.	1966	Smith, Joan Francis, B.A.	1953
Redden, Martin Philip, B.A.	1934	Smith, John Fife, B.A.	1939
Redin, Lewis Charles, B.A.	1959	Smith, John Henderson, B.Sc.	1965
Redman, Susan Paquita, B.A.	1964	Smith, John Henry, B.A.	1955
Redpath, Lynda Rosamond, B.A.	1964	Smith, Kevin William, B.Sc.	1965
Redstone, Frank, B.A.	1960		
Reed, Barbara, B.A.	1954		
Rehn, Denzil Farnham, B.A.	1958		

Smith, Neil Langlois, B.A.	1968	Wait, Rosemary Claire, A.U.A. (Phys. Ed.)	1968
Smith, Richard Victor, B.Sc.	1968	Waite, Jack Francis Enos, B.A.	1939
Smith, William Frederick, B.Sc.	1965	Waite, Jill Shergold, B.A.	1965
Sobey, Iris Beatrice, B.A.	1956	Waite, Peter John, B.Sc.	1964
Sodhy, Sheila, B.Sc.	1966	Wakeford, Sidney Claud, B.A.	1939
Spargo, Stanley Carr, B.A.	1939	Walker, Gilbert John, B.A.	1944
Sparrow, Lorna Discombe, M.A.	1941	Wallace, Francis Joseph	1953
Spratt, James Arthur Henry, B.A., B.Sc.	1963	Walsh, Margaret Mary, B.A.	1960
Staide, Clarence Herman, B.A.	1958	Walter, Denys	1955
Stanley, Raymond John, B.Sc.	1958	Walter, Barbara Katherine, B.A.	1965
Stead, Sydney Arnold, B.Sc.	1949	Wan, Yun, B.Sc.	1968
Steinle, John Richard, B.A.	1959	Ward, Brian John	1968
Stephenson, Dorothy Joan, B.A.	1965	Ward, June, B.A.	1967
Stevens, Julia Loveday, B.A.	1965	Ward, Margaret Kennings, B.A.	1953
Stewart, Doris Maud, B.A.	1966	Ware, Dorothy Alice, B.A.	1962
Stodart, Barbara Joan, B.A.	1957	Warren, Barry John, B.Sc.	1966
Stoll, Ruth Sophie, B.A.	1965	Warren, Donald Hampton, B.A.	1955
Storch, Wilhelm Murray, B.A.	1949	Warren, Sidney Lilla, B.A.	1927
Strahan, Anthony William, B.A.	1939	Waterson, Ian Craig, B.Sc.	1965
Stretton, Helena Margaret, B.Sc.	1965	Watkinson, Mavis Daphne, B.A.	1942
Stuart, Anthony, B.A.	1968	Watson, Ian Morse, B.A.	1965
Stuart, Kenneth Howard, B.Sc.	1968	Wattchow, Colin Edward, B.A.	1954
Styles, Colin Ross	1968	Watts, Ruth Emily, B.A.	1964
Sugg, Bentham Horace, B.A.	1940	Wauchope, Mavis Lorelie, B.A.	1929
Sunstrom, Geoffrey Wayne, B.Sc.	1968	Waugh, William McDonald, B.A.	1952
Swanson, Albert Frederick Daniel, B.A.	1960	Wayne-Smith, Reginald John	1953
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Education, 1943)	1939	Webb, Emmaline Nancy, B.A.	1952
Swincer, Susan Mary, B.A.	1966	Webber, Allan Thomas, B.Sc.	1967
Sykes, Elaine, B.A.	1968	Webber, Brian John, B.Sc.	1963
Symonds, Wybert Milton Caust, B.Sc.	1939	Webber, Ian James, B.A.	1963
Tabor, Barbara, B.A.	1963	Webber, Kevin Graeme Andrew Guy, B.A.	1968
Tapp, Adrian Lynda, B.A.	1928	Webber, Muriel Esmé Jill, B.A.	1959
Tattersall, Laurence Oswald	1968	Wells, Margaret Elisabeth, B.A.	1944
Taylor, Brian John, B.A.	1966	Welsh, James Ogiesby, B.A.	1951
Taylor, Patricia Joan, B.A.	1966	Were, Keith Francis, B.A.	1962
Ternan, Verna Joyce, B.A.	1945	Wesley Smith, Henry Elliott, B.A.	1938
Theobald, Howard Wesley	1954	Wesley Smith, Sheila Isabel, B.A.	1947
Thiel, Colin Victor, B.Sc.	1962	Westgarth, Walter Tebble, B.A.	1928
Thiele, Colin Milton, B.A.	1947	Whalan, Lionel Walter, B.A.	1950
Thomas, Geoffrey Edward, B.A.	1968	Whenton, Neville Kingsley, B.Sc.	1960
Thompson, Anthony William, B.Sc.	1965	Whitburn, Jack, B.A.	1935
Thompson, Douglas Norman, B.Sc.	1955	White, Jillian Dawn, B.A.	1966
Thompson, Elaine Joyce, B.A.	1967	White, Stanley Noel, B.A.	1957
Thompson, Meryl Joan, B.A.	1966	Whitelaw, Albert James, B.A., B.Sc.	1945
Thompson, William, B.A.	1941	Whittle, Edith Julia, B.A.	1954
Thompson, William Douglas, B.Sc.	1967	Wickins, Eugene Paul, B.Sc.	1968
Thorpe, Geoffrey William, B.A.	1961	Wiese, Margaret Helen, B.A.	1960
Tilbrook, Jeffrey Ian	1968	Wiley, John Arthur, B.A.	1967
Tilbrook, Percival Montrose Torr, B.A.	1964	Wilkins, Ray Eber, B.A.	1950
Tilby, Jenis Marie, B.A.	1967	Wilkinson, Donald Cameron, B.A.	1955
Tiller, Kenneth Matthew John, B.A., B.Sc.	1956	Wilkinson, Helen Rosemary, B.A.	1965
Tillett, Peter Irwyn, B.Sc.	1958	Wilksch, Betty Ruth, B.A.	1953
Tilly, Graham John, B.Sc.	1960	Wilksch, Lois Ruth, B.A.	1962
Ting, King Yui, Thomas, B.Sc.	1968	Willats, Kerrie Ann, B.A.	1968
Tomlinson, Betty Mary, B.A.	1950	Willcocks, Robert Douglas, B.Sc.	1954
Tonkin, Mary Elizabeth, B.A.	1952	Williams, Arthur Charles, B.Sc.	1955
Tonkin, Verna Iris, B.Sc.	1964	Williams, Dawn Ellen, B.A.	1965
Torr, Shirley Constance, B.A.	1944	Williams, George Esson Keith, B.A.	1941
Townsend, Herbert Louis, B.A.	1945	Williams, George Mervyn, B.Sc.	1957
Traeger, Keith Terence, B.A.	1950	Williams, James Henry, B.A.	1922
Treasure, Eunice Jessie, B.A.	1947	Williams, Phillip Glenly, B.A.	1943
Treasure, Valda Beth, B.A.	1953	Williams, Roger John, B.Sc.	1966
Trebilcock, David, B.A.	1964	Williams, Rona Lynette, B.A.	1960
Trebilcock, Donald Ray, B.A.	1965	Williams, Walter Leslie, B.A.	1949
Tregenza, Allan Arthur, B.A.	1965	Willington, Lloyd Stanley, B.A.	1950
Tregenza, Sydney Lloyd, B.A.	1935	Willis, James Charles, B.A.	1967
Trenorden, James Henry, B.A.	1945	Wills, Lindsay Arthur, B.A.	1956
Trotter, Claudia Annette, B.A.	1965	Wilsen, Jennifer May, B.A.	1967
Trudinger, Ronald Martin, B.A.	1944	Wilson, Avis Jean, B.Sc.	1958
Turan, John Maxwell, B.A.	1965	Wilson, Francis Patrick	1943
Tucker, Neil William, B.A.	1966	Wilson, Jack Woodrow, B.Sc.	1943
Tucker, Robert, B.A.	1965	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Tuckwell, Eric Clavering, B.A.	1945	Wilson, Murray James, B.Sc.	1965
Tuckwell, Kenelm Sinclair, B.A.	1945	Winter, Robert John, B.Sc.	1965
Tulloch, David Gerald, B.A.	1965	Winzor, Isobel Frances, B.A.	1968
Turner, Constance Mary, B.A.	1954	Wiseman, Roger, B.Sc.	1967
Twartz, Arnold Frederick, B.Sc.	1944	Withall, Marilyn Dumas, B.A.	1967
Twartz, Clement Wilford, B.A.	1950	Wong, Swee Ning, Gloria, B.Sc.	1967
Tzerefos, John Con, B.Sc.	1967	Wood, Allen Edwin, B.A.	1947
Ukrapandian S/O Sankaran, B.Sc.	1967	Wood, Colin James, B.A.	1959
Underdown, Helen Margaret, B.A.	1967	Woolacott, Henry Mark, B.A.	1963
van Dulken, Thomas Bernhard, B.Sc.	1965	Wright, Angus Stanley, B.Sc.	1939
Van Velsen, Carolyn Marie, B.A., A.U.A. (Phys. Ed.)	1966	Wright, Barrie James McGregor, B.A.	1967
Verrall, Raymond Wilfred, B.A.	1942	Yap, Lynette, B.A.	1966
Vickery, Frederick Arthur, M.A.	1935	Yelland, Kathleen Norah, B.A.	1959
Wache, Ethel Mabel, B.A.	1941	Young, Caroline Agnes, B.A.	1964
Wachtel, Heinrich Lenhart, A.U.A.	1956	Young, Joan Margaret, B.A.	1964
Wagner, Mervyn Arthur, B.Sc.	1967	Young, Malcolm John, B.Sc.	1967
Wagstaff, Rosemary, B.A.	1963	Zoratti, Alba Fierina, B.A.	1949
		Zweck, John Everard, B.A.	1962

## FORMER CERTIFICATES AND DIPLOMAS

The following is a list of certificates and diplomas which are no longer awarded. For lists of awards, see previous Calendars. Column A indicates the years in which the course was offered, column B the last year in which the list of awards was published.

	A	B
Advanced Commercial Certificate - - - -	1904-1907	1967
Diploma in Applied Science - - - -	1913-1941	1942
Diploma in Commerce - - - -	1903-1964	1967
Diploma in Economics and Political Science - -	1922-1929	1967
Diploma in Forestry - - - -	1914	1967
Diploma in Mining Engineering and Metallurgy -	1901-1912	1942
Diploma in Social Science - - - -	1942-1961	1967

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1968

INDEX

# INDEX

A	Page
Absence, Leave of - - - - -	114
Academic Dress, Statute - - - - -	138
Academic Progress of Students, Review by Faculties or Boards - - - - -	146
Academic Staff, Statute - - - - -	111
Academic Registrar's Office, Staff of - - - - -	64
Acts of Parliament Relating to University - - - - -	11
Adam, D. B., Memorial Prize - - - - -	241
Adelaide Chamber of Commerce Prize, The - - - - -	270
Adelaide Children's Hospital—	
Rules for the Admission of Medical Students - - - - -	582
Adelaide Hoo-Hoo Club Award - - - - -	244
Adelaide Hospital (see under Royal Adelaide Hospital)	
<i>Ad eundem gradum</i> , Admission - - - - -	131
Admission to Degrees - - - - -	130
Adult Education—	
Board of - - - - -	62
Director and Staff - - - - -	66
Classes - - - - -	239
Advisory Committee to University and Royal Adelaide Hospital - - - - -	33
Aeronautical Engineering, Sydney Course in - - - - -	552
Aeronautics, A. M. Simpson Library in - - - - -	158
Affiliation—	
To Universities of Cambridge and Oxford - - - - -	233
Of Aquinas College - - - - -	166, 230
Of Lincoln College - - - - -	178, 231
Of Lumley, Kathleen, College - - - - -	183, 232
Of Roseworthy Agricultural College - - - - -	151
Of St. Ann's College - - - - -	163, 230
Of St. Mark's College - - - - -	159, 229
Of S.A. Institute of Technology - - - - -	162
Agricultural Science—	
Bachelor and Master of - - - - -	503, 616
Faculty of - - - - -	54, 128
Graduates and Undergraduates' Association - - - - -	359
Matriculation for - - - - -	116
Staff - - - - -	68
Syllabus - - - - -	753
Agricultural Biochemistry and Soil Science—	
Staff - - - - -	68
Agricultural Engineering, Melbourne Course in - - - - -	552
Agronomy—	
Staff - - - - -	68
Syllabus - - - - -	756
Albright and Wilson Prize in Chemical Engineering Design - - - - -	280
Alderman, Eugene, Scholarships - - - - -	156, 207
Allocations Committee - - - - -	53
Almanac for 1969 and 1970 (January-March) - - - - -	35
Alumni, Commemoration of - - - - -	228
A.M.A. (Section of Clinical Medicine) Prize - - - - -	297
Anatomy and Histology—	
Staff - - - - -	79
Syllabus - - - - -	917, 994
Anders and Reimers Scholarships - - - - -	170, 209
Angas Engineering Scholarships and Exhibitions - - - - -	133, 135, 285, 347
Angas, Hon. J. H., Endowments - - - - -	101
Anglican Society, Adelaide University - - - - -	353
Animal Physiology—	
Staff - - - - -	69
Animal Products Research Foundation - - - - -	62, 101, 227
Anthropological Board and Society - - - - -	62, 359

INDEX

Page

Anti-Cancer Foundation, Executive Committee, Officers, Donations, Activities	63, 93, 101, 106, 225
Applied Science—	
Bachelor and Master of	508, 618
Matriculation for	116
Syllabus	1026, 1059
Appointments Board—	
Statute	159
Members	63
Aquinas College	52, 107, 166, 230
Architecture—	
Bachelor and Master of	522, 620
Donations towards Establishment of School of	106
Matriculation for	116
Society, Adelaide University	359
Staff	70
Syllabus	767
Town Planning, Master of, Regulations, Syllabus	647, 782
Architecture and Town Planning—	
Faculty of	54, 129
Arts—	
Associate in Arts and Education	668, 1301
Bachelor and Master of	527, 622
Faculty of	55, 71, 125
Matriculation for	116
Staff	71
Syllabus	790
Assistant Bursar	65
Assistant Registrar (Academic)	64
Association of Universities of the British Commonwealth	235
Auditors	67
Australian College of General Practitioners Prize	289
Australian Commonwealth Engineering Standards Association, University Representatives on	100
Australian Dental Association (S.A. Branch) Prize	264
Australian Institute of Agricultural Science Prize	241
Australian Institute of Steel Construction Prize	276
Australian Journal of Experimental Biology and Medical Science, Editors, and particulars	62, 362
Australian Linguistics, Reader in	71
Australian Psychological Society Prize	260
Australian Society of Accountants—	
Annual Lecture	237
Exemption from Institute's Examinations	235
Prizes	267
Australian Society of Orthodontists Prize	264
Australian Student Christian Movement, The University of Adelaide	353
Australian Welding Institute Prize	281
Ayers, Ernest, Scholarship	310

B

Bacteriology (see under Microbiology)	
Bagot, John, Scholarship and Medal	309
Bagot, Lucy Josephine, Prize	167, 208
Baillieu Research Scholarships	325
Baker, R. C., Endowment and Scholarship	101, 177
Barker, John, Endowment and Scholarship	101, 303
Barr Smith—	
Endowments and Gifts	101
Library—Staff, Statute, Rules	65, 158, 707
Memorial Fund for Cancer Research	182
Prize for Greek	249
Travelling Scholarship in Agriculture	179, 242
Barrans Scholarship	101, 311
Bateman, Mrs. L. E.—Bequest	101
Bazely, Austin, Prize	264

INDEX

Page

Benefactors and Benefactions	- - - - -	101
Benham, F. Lucas—Bequest	- - - - -	101
Bennett, R. W.—Prizes and Medal	- - - - -	163, 285
Bequests	- - - - -	101
Bevan, Frederick, Scholarship	- - - - -	178, 212
Biochemistry—		
Staff	- - - - -	85
Syllabus	- - - - -	953
Biology—		
Syllabus	- - - - -	993
Biometrics, Senior Lecturer-in charge	- - - - -	70
Birks, Napier, Room—		
Rules of	- - - - -	713
Boarding-houses	- - - - -	17
Boards—		
Adult Education	- - - - -	62, 66, 239
Anthropological Research	- - - - -	62
Appointments—Members and Statute	- - - - -	63, 159
Discipline—Members and Statute	- - - - -	61, 132
Examiners—Statute	- - - - -	130
Pharmacy—Members and Statute	- - - - -	59, 149
Physical Education—Members and Statute	- - - - -	59, 149
Physiotherapy—Members and Statute	- - - - -	60, 149
Research Studies	- - - - -	60
Social Studies—Members and Statute	- - - - -	60, 149
Bonython, Sir Langdon, Endowments	- - - - -	101
Bonython, Miss Edith, Endowment	- - - - -	101
Bonython Family, Gift of Electronic Organ	- - - - -	101
Bonython Prize, Statute and Awards	- - - - -	160, 286
Booth, Anna Florence, Prize	- - - - -	164, 254
Borthwick, Thomas L., Memorial Prize	- - - - -	297
Botany—		
Staff	- - - - -	85
Syllabus	- - - - -	956
Boyce, Clive E., Fellowship	- - - - -	246
Braund, Olive E., Gift	- - - - -	101
British Passenger Lines—Free Passage Scheme	- - - - -	332
British Tube Mills Prize	- - - - -	281
Bunday Prize for English Verse	- - - - -	248
Bursar's Office, Staff of	- - - - -	65
Business Administration, Summer School of	- - - - -	239
Business Management, Master of	- - - - -	624
Byard Prize	- - - - -	250
By-Laws	- - - - -	29

C

Cable Makers' Association Prize	- - - - -	281
Cairns, Sir Hugh, Memorial Prize	- - - - -	290
Cambridge University, Affiliation to	- - - - -	233
Campbell, Christopher and John, Prize	- - - - -	291
Cancer Foundation, Officers, Donations, Activities	- - - - -	63, 93, 101, 106, 225
Carnation Company Award in Paediatrics	- - - - -	295
Carnegie Corporation—Gifts	- - - - -	101
Chairman of Council and of Senate	- - - - -	15, 184
Chamber of Manufactures Prize in Electronic Control	- - - - -	279
Chancellor—		
Act and Statute	- - - - -	14, 110
Present and Past	- - - - -	51, 93
Chapman, Sir Robert, Prize	- - - - -	274
Chapman Memorial Scholarship	- - - - -	318
Chemical Engineering—		
Staff	- - - - -	77
Syllabus	- - - - -	876
Chemistry—		
Recognition by Royal Institute of	- - - - -	235
Staff	- - - - -	89
Syllabus	- - - - -	959



INDEX

Page

Child Health—	
Staff	80
Children's Hospital (see under Adelaide Children's Hospital)	
Chinner, Norman, Prize	221
Civil Engineering—	
Courses in	549, 553
Staff	78
Syllabus	883
Clark, Alexander, Memorial Prize	154, 207
Clark, E. V., Prize	275
Clark, The John Howard, Prize	136, 261
Classics—	
Staff	71
Syllabus	790
Classical Association of South Australia, The	360
Cleland, J. B., Prize	293
Clerk of Senate	52, 184
Clinical Teachers, Honorary	97
Colonial Office Applications, Board and Appointments	63, 340
Commerce—	
Joseph Fisher Medal and Lecture in	101, 150, 236, 271
Staff	76
Syllabus	869
Commercial Travellers' Association Scholarship and Bursary—	
The Eric Smith Bursary	322
The Archibald Mackie Bursary	268
Commonwealth Postgraduate Awards	326
Commonwealth University Scholarship Scheme	318
Computing Centre, Staff	86
Computing Science—	
Course in	965
Diplomas in—Regulations	670
Syllabus	965
Staff	86
Concessions in Fees—Commonwealth and State Public Services	341
Conduct at Examinations—	
Statute	138
Rules	716
Conservatorium of Music, The Elder—	
Fees	204
Library	710
Regulations and Rules	202
Scholarships and Prizes	205
Staff of	83
Cooke, Florence, Violin Prize	210
Cornish, Elsie Marion, Prize	310
Council—	
Statute	110
Election of Members by Senate	13, 184
Members of	12, 13, 51
Vacancies in	13
Crampton, Hope, Prize for French	250
Creswell Scholarships	101, 153, 268
C.S.R. Chemicals Prize	315
Culross, William, Prize	327

D

Darling, John, Gifts by Family of	101
Data Processing, Course in	518, 1036, 1071
Davies, E. Harold, Scholarship for Organ	175, 210
Davies, Natalie, Prize	251
Davies-Thomas Scholarships	292
Davy, Dr. Ruby, Prize	101, 211
Degrees—	
Statute	130
Letters Patent	9
Acts	11

INDEX

Page

de Crespigny, Sir Trent Champion, Memorial Prize - - - -	298
de Mole, Violet, Memorial Fund and Prize - - - -	257
Dental Board of South Australia Prize and Scholarship - - - -	262
Dental Science and Dental Surgery—	
Degrees, Regulations - - - - -	539, 627, 655, 659
Faculty of Dentistry - - - - -	- 55, 127
Matriculation for - - - - -	116
Staff - - - - -	74
Students' Society - - - - -	357
Syllabus - - - - -	850
Dentistry, Postgraduate Committee in - - - - -	62
Deputy Chancellor, Statute of - - - - -	110
Deputy Vice-Chancellor - - - - -	51
Development Committee - - - - -	53
Diploma—	
In Arts and Education, Holders and Regulations - - - -	1301, 668
In Computing Science, Holders, Regulations and Syllabus - - - -	1321, 670, 965
In Education, Holders, Regulations and Syllabus - - - -	1322, 672, 797
In Music, Holders, Regulations and Syllabus - - - -	1310, 674, 925
In Pharmacy, Holders and Regulations - - - -	1312, 679
In Physical Education, Holders, Regulations and Syllabus - - - -	1316, 681, 940
In Physiotherapy, Holders, Regulations and Syllabus - - - -	1318, 683, 946
In Public Administration, Holders and Regulations - - - -	1320, 685
In Social Studies, Holders, Regulations and Syllabus - - - -	1320, 688, 998
Diplomas and their Boards of Studies, Statute - - - - -	149
Discipline, Board of, and Statute - - - - -	- 61, 132
Donnithorne, William, Awards - - - - -	101, 320
Dress, Academic, Statute of - - - - -	138
Dublin University, Recognition by - - - - -	234

E

Economic Geology—Staff - - - - -	86
Economic Society of Australia and New Zealand - - - - -	360
Economic Society Prizes - - - - -	270
Economics—	
Degrees, Regulations - - - - -	544, 631, 655
Faculty of - - - - -	- 56, 128
Matriculation for - - - - -	116
Staff - - - - -	76
Syllabus - - - - -	858
Education—	
Associate in Arts and Education, Holders and Regulations - - - -	1301, 668
Diploma in—Holders, Regulations, Syllabus - - - -	1322, 672, 800
Master of—Regulations, Syllabus - - - -	633, 803
Staff - - - - -	71
Education Committee - - - - -	53
Education of Children of Deceased Soldiers - - - - -	100, 341
Elder Conservatorium of Music—see "Conservatorium"	
Elder Conservatorium Free Scholarship - - - - -	206
Elder Overseas Scholarship - - - - -	214
Elder Prize - - - - -	291
Elder Scholarship and Awards—Conservatorium of Music - - - -	205
Elder, Sir Thomas, Endowments - - - - -	101
Election of—	
Members of Advisory Committee of Council and Hospital Board - - - -	33
Members of Council - - - - -	13
Members of Standing Committee of Senate - - - - -	184
Warden and Clerk of Senate - - - - -	184
Electricity Trust Prize in Electrical Power Engineering - - - -	282
Electricity Trust of South Australia Prize - - - - -	282
Electrical Engineering—	
Courses in - - - - -	555, 605
Staff - - - - -	78
Syllabus - - - - -	889, 1013, 1050
Endowments—	
List of - - - - -	101
By Act of Parliament - - - - -	17

INDEX

Page

Engineering—		
Angas Scholarship and Exhibitions	133, 135, 285,	347
Bachelor and Master of		549, 635
Details of Subjects		553, 876
Faculty of		56, 127
Matriculation for		116
Society, Adelaide University		359
Staff		77
English—		
Staff		71
Syllabus		811
Enrolment of Students, Statute		144
Entomology—		
Staff		69
Syllabus		760
Equipment Committee		54
Esso Prize for Engineering Materials		274
Ethnor Prize		298
Evangelical Union, Adelaide University		355
Evening Lectures and Studentships		1084, 240
Everard Scholarship	101, 137,	299
Examination Regulations—		
Conduct at Examinations		138, 716
Dates of Entry		35-50
See also under each degree and diploma.		
Examiners, Board of		130
Exclusion of Students		144
Exemption from Attendance at Lectures—See under each degree and diploma.		
Exhibition of 1851—Scholarships and Bursaries		333
Experimental Medicine, Former Keith Sheridan Professors of		95
F		
Faculties—		
Members of		53-59
Statute of		123
Faulding Scholarships, for Medicine and Dentistry		304, 266
Fauna and Flora Board, Representatives on		100
Fees—		
Authority to Charge		15
Concessions to Officers of Public Services		341
Table of		691
Fenner, Charles, Prize		253
Final Certificate in Law, Holders and Regulations of		1299, 563
Finance Committee, Members of		53
Fisher, Joseph, Medal and Lecture, The—		
Endowment		101
Statute		150
List of Lectures, 1930-1966		236
Awards of Medal		271
Fisher, Sir Ronald, Memorial Scholarships		312
Fisher, Sir Ronald, Prize in Genetics		312
Fisk Prize in Electrical Engineering		279
Fletcher, Roby, Prize		141, 248
Forestry—		
Degree of B.Sc. in		593
Former Chancellors and Other Officers		93-97
Free Passages		332
French—		
Staff		72
Syllabus		818
G		
Gardner, William, Scholarship and Prize	101, 165,	300
Gartrell, James, Prize		255
Gas Company Prize in Architecture		245
Genetics—		
Staff		86
Syllabus		968

INDEX

	Page
General Motors-Holden's—Postgraduate Research Fellowship	328
General Practice Study Group Prize (Dental)	265
Geography—	
Staff	72
Syllabus	824
Geology—	
Staff	86
Syllabus	971
George, M. Rees, Prize in French	251
Cepp, Thomas, Prize	287
Gerard Prize	277
German—	
Staff	72
Syllabus	828
Gifts	101-107
Goethe Award	249
Goodman, Sir William, Scholarship	101, 277
Gosse, The Dr. Charles, Lecturer and Medal	- 82, 101, 156, 300
Governor (State), Powers of	17
Gowrie Scholarship Trust Fund	333
Graduates' Union	348
Graduates—	
List of	1203
In Honours Courses	1292
Grainger, Rose, Orchestral Fund	101
Grant, Annual, by H.M. Government Act	17, 22-25

H

Hannon, Thomas D., Prize	263
Hardie, The James, Prize in Architecture	245
Hardie, The James, Prize in Civil Engineering	278
Hardwicke College Prize. (For rules, see Public Examinations Manual.)	
Hartley Studentship	142, 347
Hastings Endowment	101
Health Service	66
Heighway, Ruth, Memorial Prize	295
Heuzenroeder, Mrs. H. L., Donation	101
Hill, Alfred, Gift	101
History—	
Staff	73
Syllabus	834
Hoffman, La Roche Prizes (see Roche Products Ltd.).	
Hone, Dr. F. S., Memorial Prize	300
Honorary Clinical Teachers	97-99
Hospitals—see separate entry for each one.	
Hübbe, Edith, and Harriet Cook, Prize	255
Hughes, Hugh, Endowment	101
Hughes, Sir W. W., Endowment	101
Human Physiology and Pharmacology—	
Staff	87
Syllabuses	919, 987
Humes Prize in Civil Engineering	283

I

I.C.I.A.N.Z. Research Fellow and Fellowship	329
Incorporation, Act of	12
Infectious Diseases, Statute	153
Institute of Architects Prizes	243
Institute of Chartered Accountants—	
Prize	271
Recognition	235
Institute of Medical and Veterinary Science—Rules for Students	581
Institute of Technology, Affiliation to University	162
International Association of Universities	235

INDEX

Page

J

Jackson, Elizabeth, Library - - - - -	159
Jefferis, Memorial Medal—Rules and Awards -	255
Jenkins, J. E., Endowment and Statute -	101, 172
Jewish University Students, Adelaide Union of -	355
Johns, Fred, Scholarship for Biography -	101, 161, 249
Johns-Perry Prize - - - - -	284
Johnson, R. L., Endowment - - - - -	101
Joint Colleges Appeal - - - - -	107
Joyner, Malcolm, Prize - - - - -	263
Jury, Mrs. G. A., Endowment - - - - -	101

K

Kennedy, John F., Memorial Scholarship - - - - -	256
Kloeden-McCormick-Goodhart Scholarship - - - - -	218

L

Laboratories, Rules of - - - - -	711
Laboratory Testing - - - - -	712
Laffer, Miss A. I., Endowment - - - - -	251
Land Act, 1929 - - - - -	25
Lands of University - - - - -	19
Late Entries, Enrolments and Examinations -	115, 144
Law—	
Faculty of - - - - -	- 56, 126
Final Certificate, Holders and Regulations of -	1299, 563
Matriculation for - - - - -	116
Staff - - - - -	79
Students' Society - - - - -	358
Lawrence, Mrs. A. E., Bequest - - - - -	101
Lawrence, G. O., Scholarship - - - - -	266
Laws—	
Bachelor, Master and Doctor of - - - - -	563, 638, 660
Rules of Supreme Court - - - - -	568
Syllabus - - - - -	906
Leave of Absence, Statute - - - - -	114
Lecturers—	
<i>Honoris causa</i> - - - - -	96
Staff - - - - -	68
Letters, Doctor of, Regulations - - - - -	661
Letters Patent - - - - -	9
Lewcock, Ena Orrock, Award - - - - -	307
Lewis, John, Prize - - - - -	252
Library—	
Committee - - - - -	61
Staff (Barr Smith Library) - - - - -	65
Gifts to - - - - -	101-105
Rules - - - - -	707
Music - - - - -	710
A. M. Simpson, in Aeronautics - - - - -	158
Barr Smith, Statute - - - - -	158
Jackson, Elizabeth - - - - -	159
Licentiate in Music, Teachers and Executants -	343
Lienau Scholarship - - - - -	216
Lincoln College - - - - -	52, 100, 107, 178, 231
Lines, Eva, Scholarship (or Prize) - - - - -	346
Linguistic Society, Adelaide University - - - - -	360
Lister Prize - - - - -	301
Loan Fund, Students - - - - -	342
Lokan Prize, Rules and Awards - - - - -	283
Lumley, Kathleen, College - - - - -	183, 232
Lutheran Student Fellowship - - - - -	355
Lykke, Athol, Memorial, Endowment - - - - -	101
Postgraduate Award - - - - -	216

INDEX

Page

M

Mackie, Archibald, Bursary - - - - -	268
Magarey, Guli, Fund and Scholarship - - - - -	101, 211
Marks, George Richard, Bequest - - - - -	101
Martin, The Annie Montgomerie, Prize and Medal (see P.E.B. Manual).	
Master, Degree of, Notes and Instructions to Candidates - - - - -	613
Mathematical Physics--	87
Staff - - - - -	975
Syllabus - - - - -	
Mathematics--	87
Staff - - - - -	976
Syllabus - - - - -	301
Matison, Eugene Abraham, Prize - - - - -	60, 116
Matriculation--Board and Statute - - - - -	224
Mawson Institute for Antarctic Research - - - - -	88
Director - - - - -	101
McMeikan, Mrs. E., Endowment - - - - -	296
Mead Johnson Paediatric Prize - - - - -	
Mechanical Engineering--	549, 556, 635
Courses in - - - - -	78
Staff - - - - -	895
Syllabus - - - - -	
Medals--	309
Bagot - - - - -	163, 285
Bennett - - - - -	101, 150, 271
Fisher - - - - -	101, 156, 300
Gosse - - - - -	255
Jefferis - - - - -	283
Jewell-Thomas - - - - -	301
Lister - - - - -	
Martin, Annie Montgomerie (see P.E.B. Manual).	271
Royal Institute of Public Administration - - - - -	101, 166, 302
Shorney - - - - -	137, 286
Stow - - - - -	317
Tate - - - - -	
Tennyson (see P.E.B. Manual).	
Medical--	100
Board of South Australia, University Representative on - - - - -	61
Curriculum Committee - - - - -	60
Research Committee - - - - -	304
Research Grants Committee - - - - -	573
Science, Honours Degree of Bachelor of - - - - -	361
Sciences Club - - - - -	358
Students' Society, Adelaide University - - - - -	
Medicine--	575
Bachelor of - - - - -	662
Doctor of - - - - -	57, 126
Faculty of - - - - -	116
Matriculation for - - - - -	61
Post-graduate Committee in - - - - -	79
Staff - - - - -	917
Syllabus - - - - -	101
Melrose, John, Endowment - - - - -	
Mental Health--	81
Staff - - - - -	302
Mental Health Association Prize - - - - -	508, 514, 1030, 1064
Metallurgy, Course in - - - - -	80, 101
Michell, Gwendoline, Foundation - - - - -	
Microbiology--	106
Donations towards establishment of Chair of - - - - -	88
Staff - - - - -	983
Syllabus - - - - -	101
Mills, E., Bequest - - - - -	101, 181, 247
Milne, Kenneth and Hazel, Travelling Scholarship - - - - -	508, 1033, 1069
Mineral Engineering, Course in - - - - -	341
Mining and Metallurgical Bursaries - - - - -	144
Miscellaneous--Statute - - - - -	

INDEX

Page

Mitchell, Sir Mark, Endowment and Donations - - - - -	101
Mitchell, Sir William, Endowments - - - - -	101
Morris Hospital, Rules for Medical Students - - - - -	583
Mortlock Benefactions—	
Mrs. R. F. Mortlock - - - - -	101
J. T. Mortlock - - - - -	101
Mrs. J. T. Mortlock - - - - -	101
Mortlock Chair of Medicine - - - - -	80
Morton, R. K., Scholarship - - - - -	242
Murray, The Hon. Sir George, Gifts and Endowment - - - - -	101
Murray, Miss M. T., Bequest - - - - -	101
Murray, David, Scholarships - - - - -	101, 152, 330
Murray, George, Scholarships (Overseas) - - - - -	334
Murray, George, Travel Grants - - - - -	337
Music—	
Bachelor, Master and Doctor of - - - - -	584, 640, 665
Diploma of Associate, Holders and Regulations - - - - -	1310, 674
Elder Conservatorium of, Staff - - - - -	83
Faculty of - - - - -	58, 127
Public Examinations in - - - - -	343
Public Examinations, Scholarships and Prizes - - - - -	343
Society - - - - -	363
Staff - - - - -	83
Syllabus - - - - -	925
Myers, Sewell, Bequest - - - - -	101

N

National Films Board, University Representatives on - - - - -	100
National Heart Foundation Scholarships - - - - -	290
Neale Bequest - - - - -	101
New Education Fellowship Prize in Education - - - - -	261
Newman Society - - - - -	354
Night Lectures - - - - -	1084
Northfield Wards—Rules for Students - - - - -	583
Non-Matriculated Students - - - - -	142
Notes to Candidates for the Degree of Doctor of Philosophy - - - - -	655
Notes to Candidates for the Degree of Master - - - - -	613

O

Obstetrics and Gynaecology—	
Staff - - - - -	81
Syllabus - - - - -	921
Officers of the University - - - - -	64-91
Orchestral Scholarships - - - - -	213
Organic Chemistry—	
Staff - - - - -	89
Syllabus - - - - -	963
Other Universities, Scholarships - - - - -	342
Overseas Scholarship in Arts and Economics - - - - -	262
Oxford University, Affiliation to - - - - -	233

P

Parking of Motor Vehicles - - - - -	28-33
Parliament—	
Acts Relating to University - - - - -	11
Statutes, etc., to be laid before - - - - -	16, 19
Members on Council - - - - -	12, 13, 51
Parsons, Angas, Prize - - - - -	167, 289
Pathology—	
Staff - - - - -	82
Syllabus - - - - -	919
Petroleum Refineries Prize in Chemical Engineering - - - - -	279
Pfizer Prize in Gynaecology - - - - -	296
Pfizer Prize in Microbiology - - - - -	313
Pharmaceutical Students' Association - - - - -	358

INDEX

Page

Pharmacy—	
Bachelor of - - - - -	588
Board of Studies in - - - - -	- 59, 149
Diploma in - - - - -	679
Holders of Diploma in - - - - -	- 1312
Regulations - - - - -	588, 679
Staff - - - - -	92
Syllabus - - - - -	1074
Philips Electrical Industries—	
Prize in Electronics - - - - -	284
Prize in Elements of Electronics - - - - -	275
Prizes in Physics - - - - -	308
Philosophy—	
Degree of Doctor of - - - - -	655
Staff - - - - -	73
Syllabus - - - - -	838
Physical and Inorganic Chemistry—	
Staff - - - - -	89
Syllabus - - - - -	959
Physical Education—	
Board of Studies in - - - - -	- 59, 149
Holders of Diploma in - - - - -	1316
Regulations of Diploma in - - - - -	681
Staff - - - - -	84
Syllabus - - - - -	940
Physics—	
Staff - - - - -	89
Syllabus - - - - -	984
Physiology (Human) and Pharmacology—	
Staff - - - - -	87
Syllabuses - - - - -	919, 987
Physiotherapy—	
Board of Studies in - - - - -	- 60, 149
Holders of Diploma in - - - - -	1318
Regulations of Diploma in - - - - -	683
Staff - - - - -	85
Syllabus - - - - -	946
Plant Pathology—	
Staff - - - - -	69
Syllabus - - - - -	762
Plant Physiology—	
Staff - - - - -	70
Syllabus - - - - -	763
Politics—	
Staff - - - - -	73
Syllabus - - - - -	840
Pontt, Mrs. Arno (May Gepp), Scholarship - - - - -	220
Postgraduate Committee in Dentistry - - - - -	62
Postgraduate Committee in Medicine - - - - -	61
Postgraduate Medical Foundation - - - - -	63
Postgraduate Students' Association - - - - -	357
Price, Archibald Grenfell, Prize - - - - -	258
Prizes—see under Scholarships.	
Professors—	
Former - - - - -	94
Psychology—	
Staff - - - - -	74
Syllabus - - - - -	843
Public Administration, Diploma in—	
Holders - - - - -	1320
Regulations - - - - -	685
Public Examinations—	
Board—see Public Examinations Manual.	
Music - - - - -	343
Staff - - - - -	65
Public Services, Concessions to Officers of - - - - -	341
Puddy, Edith A., Prize - - - - -	254
Puddy, Maude, Scholarship - - - - -	214



INDEX

Page

Q

Queen Elizabeth Hospital—Advisory Committee Representatives - -	100
Queen Victoria Hospital—Rules for Students - - -	582
Queen Victoria Hospital, Advisory Committee Representatives - -	100
Quorum of Council and of Senate - - - -	15, 184

R

Raven, Mrs. J. F., Endowment - - - -	101
Recognition by other Universities and Institutions - - -	234
Registrar—	
Present - - - -	64
Former - - - -	97
Statute - - - -	114
Registrar's Office, Staff of - - - -	64
Regulations for all Degrees and Diplomas - - - -	503
Reid, Kate Gilmore, Prize in Physiotherapy - - - -	317
Reid, S. McGregor, Endowments - - - -	101
Religion, Ministers of, on Council - - - -	12
Religious Test—None - - - -	17
Rennie Memorial Scholarship - - - -	316
Representatives of the University on Various Boards - - -	100
Research, Executive Committee - - - -	54
Research Grant, University - - - -	331
Research Studies, Board of - - - -	60
Residence of Undergraduates - - - -	16
Residential Colleges - - - -	52, 229
Rhodes Scholarship - - - -	337
Robin Memorial Lecture - - - -	238
Roche Products Ltd. Prize - - - -	294
Roseworthy Agricultural College, Affiliation - - - -	151
Royal Adelaide Hospital—	
To be Medical and Dental School - - - -	33
University Representatives on Advisory Committees - - -	33, 100
Rules for Admission of Dental Students to Practice of - -	543
Rules for Admission of Medical Students to Practice of -	580
Royal Australian Institute of Architects Prizes - - - -	243
Royal Institute of Chemistry, Recognition by - - - -	235
Royal Institute of Public Administration Medal and Prize - -	271
Rules for the Conduct of Examinations - - - -	716
Rules of Library and of Laboratories - - - -	707, 711
Russell, Selborne Moutray, Scholarship - - - -	101, 168, 208

S

St. Alban Scholarship - - - -	320
St. Ann's College - - - -	52, 100, 107, 163, 230
St. Mark's College - - - -	52, 100, 107, 159, 229
Saving Clause and Repeal - - - -	140
Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals—	
Adam, D. B., Memorial Prize - - - -	241
Adelaide Chamber of Commerce - - - -	270
Adelaide Hoo-Hoo Club Award - - - -	244
Albright and Wilson, Prize in Chemical Engineering Design -	280
Alderman, Eugene - - - -	156, 207
A.M.A. (Section of Clinical Medicine) - - - -	297
Anders and Reimers Scholarships - - - -	170, 209
Angas Engineering Scholarship - - - -	133, 285
Angas Engineering Exhibitions - - - -	135, 347
Australian College of General Practitioners Prize - - -	289
Australian Dental Association (S.A. Branch) - - - -	264
Australian Institute of Agricultural Science - - - -	241
Australian Institute of Steel Construction - - - -	276

## Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—

Australian Psychological Society - - - - -	260
Australian Society of Accountants - - - - -	267
Australian Society of Orthodontists - - - - -	264
Australian Welding Institute Prize - - - - -	281
Ayers, Ernest, in Botany or Forestry - - - - -	310
Bagot, John - - - - -	309
Bagot, Lucy Josephine - - - - -	167, 208
Baillieu Research Scholarships - - - - -	325
Baker Scholarship in Law - - - - -	101, 177
Barker, John - - - - -	101, 303
Barrans, James - - - - -	101, 311
Barr Smith, Lady, Memorial Fund for Cancer Research - - - - -	182
Barr Smith, for Greek - - - - -	249
Barr Smith Travelling Scholarship - - - - -	179, 242
Bazely, Austin, Prize - - - - -	264
Bennett, R. W., Prizes and Medal - - - - -	163, 285
Bevan, Frederick - - - - -	178, 212
Bonython - - - - -	160, 286
Booth, Anna Florence - - - - -	164, 254
Borthwick, Thomas L. - - - - -	297
Boyce, Clive E., Fellowship - - - - -	246
British Tube Mills in Engineering Management - - - - -	281
Bunday, for English Verse - - - - -	248
Byard - - - - -	250
Cable Makers' Association - - - - -	281
Cairns, Sir Hugh, Memorial - - - - -	290
Campbell, Christopher and John - - - - -	291
Carnation Company Award in Paediatrics - - - - -	295
Chamber of Manufactures Prize in Electronic Control - - - - -	279
Chapman, Sir Robert - - - - -	274
Chapman Memorial - - - - -	318
Chinner, Norman - - - - -	221
Clark, Alexander - - - - -	154, 207
Clark, E. V., Prize for Electrical Engineering - - - - -	275
Clark, John Howard - - - - -	136, 261
Cleland, J. B. - - - - -	293
Commercial Travellers' Association - - - - -	322
Commonwealth Postgraduate Awards - - - - -	326
Commonwealth University Scholarship Scheme - - - - -	318
Cooke, Florence, Violin Prize - - - - -	210
Cornish, Elsie Marion - - - - -	310
Crampton, Hope, Prize for French - - - - -	250
Creswell, John - - - - -	101, 153, 268
C.S.R. Chemicals Prize - - - - -	315
Culross, William - - - - -	327
Davies, E. Harold, for Organ - - - - -	175, 210
Davies, Natalie - - - - -	251
Davies-Thomas, Dr. - - - - -	292
Davy, Dr. Ruby - - - - -	101, 211
de Crespigny, Sir Trent Champion, Memorial Prize - - - - -	298
de Mole, Violet - - - - -	257
Dental Board of S.A. Prize - - - - -	262
Dental Board of S.A. Research Scholarship - - - - -	265
Donnithorne, William - - - - -	101, 320
Economic Society Prizes - - - - -	270
Elder (first year of Medical Course) - - - - -	291
Elder Scholarships - - - - -	205
Elder Conservatorium Free Scholarship - - - - -	206
Elder Overseas Scholarship - - - - -	214
Electricity Trust Prize in Electrical Power Engineering - - - - -	282
Electricity Trust of South Australia - - - - -	282
Esso Prize for Engineering Materials - - - - -	274
Ethnor - - - - -	298
Everard - - - - -	101, 137, 299
Exhibition, 1851 - - - - -	333
Faulding Scholarship in Dentistry - - - - -	266
Faulding Scholarship in Experimental Pharmacology - - - - -	304

INDEX

Page

Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—

Fenner, Charles, Prize - - - - -	253
Fisher, Joseph, Medal - - - - -	101, 150, 271
Fisher, Sir Ronald, Memorial Scholarships - - - - -	312
Fisher, The Sir Ronald, Prize in Genetics - - - - -	312
Fisk Prize in Electrical Engineering - - - - -	279
Fletcher, Roby - - - - -	141, 248
Free, Elder Conservatorium - - - - -	206
Fry, H. K., Memorial - - - - -	299
Gardner, William - - - - -	101, 165, 300
Gartrell, James - - - - -	255
Gas Company Prize in Architecture - - - - -	245
General Motors-Holden's—	
Postgraduate Research Fellowship - - - - -	328
General Practice Study Group Prize - - - - -	265
George, M. Rees - - - - -	251
Gepp, Thomas - - - - -	287
Cerard Prize - - - - -	277
Goethe Award - - - - -	249
Goodman, Sir William, Scholarship - - - - -	101, 277
Cosse Memorial Medal - - - - -	101, 156, 300
Gowrie - - - - -	333
Hannon, Thomas D. - - - - -	263
Hardie, The James, Prize in Architecture - - - - -	245
Hardie, The James, Prize in Civil Engineering - - - - -	278
Hardwicke College Prize (see P.E.B. Manual).	
Hartley Studentship - - - - -	142, 347
Heighway, Ruth, Memorial Prize - - - - -	295
Hoffman la Roche (see Roche Products Ltd.).	
Hone, F. S. - - - - -	300
Hübbe, Edith, and Harriet Cook - - - - -	255
Humes Prize in Civil Engineering - - - - -	283
I.C.I.A.N.Z. Research Fellowship - - - - -	329
Institute of Architects Prizes - - - - -	243
Institute of Chartered Accountants - - - - -	271
Jefferis Memorial - - - - -	255
Jenkins, J. E., Scholarship - - - - -	101, 172
Johns, Fred - - - - -	101, 161, 249
Johns-Perry in Mechanical Engineering - - - - -	284
Joyner, Malcolm - - - - -	263
Kennedy, John F. - - - - -	256
Kloeden-McCormick-Goodhart Scholarship - - - - -	218
Lawrence, G. O., Scholarship - - - - -	266
Lewcock, Ena Orrock, Award - - - - -	307
Lewis, John - - - - -	252
Lienau - - - - -	216
Lines, Eva - - - - -	346
Lister - - - - -	301
Lokan - - - - -	283
Lykke, Athol - - - - -	101, 216
Mackie, Archibald, Bursary - - - - -	268
Magarey, Guli - - - - -	101, 211
Martin, Miss (see P.E.B. Manual).	
Matison, Eugene Abraham, Prize - - - - -	301
Mead Johnson Paediatric Prize - - - - -	296
Medical Research Committee - - - - -	304
Mental Health Association Prize - - - - -	302
Milne, Kenneth and Hazel, in Architecture - - - - -	101, 181, 247
Mining and Metallurgical - - - - -	341
Morton, R. K., Scholarship - - - - -	242
Murray, David - - - - -	101, 152, 330
Murray, George - - - - -	334
Murray, George, Travel Grants - - - - -	337
Music, Public Examinations - - - - -	343
National Heart Foundation - - - - -	290
New Education Fellowship Prize in Education - - - - -	261
Other Universities - - - - -	342
Orchestral - - - - -	213

## INDEX

Page

Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—	
Parsons, Angas	167, 289
Petroleum Refineries Prize in Chemical Engineering	279
Pfizer Prize in Gynaecology	296
Pfizer Prize in Microbiology	313
Philips Electrical Industries—	
Prize in Electronics	284
Prize in Elements of Electronics	275
Prizes in Physics	308
Pontt, Mrs. Arno (May Gepp), Scholarship	220
Price, Archibald Grenfell, Prize	258
Puddy, Edith A., Prize	254
Puddy, Maude	214
Reid, Kate Gilmore	317
Rennie	316
Rhodes	337
Roche Products Ltd.	294
Royal Australian Institute of Architects	243
Royal Institute of Public Administration	271
Russell, Selborne Moutray	101, 168, 208
St. Alban	320
Schulz, A. J., Bequest	258
Science Research Exhibition of 1851	333
Scott, Andrew, Memorial Prize	252
Shell Company of Australia Ltd.—	
Postgraduate Scholarships	338
Prize in Chemical Engineering	276
Prize in Mechanical Engineering	276
Sheridan, Keith	297
Sheridan Research Grant (see Medical Research Committee Grants).	
Shorney Medal and Prize	101, 166, 302
Silver, William, Scholarship	219
Skipper, Justin	287
Smith, Eric	322
Smith Kline and French Prize in Microbiology	294
Smith, Roy Frisby, Prize	288
South Australian Gas Company Prize in Architecture	245
Storey, John, Prizes	273
Stow Prizes, Medal and Scholarships	137, 286
Strong, Sir Archibald, Memorial Prize	172, 254
Sudholz, Bertha	305
Tate Medal	317
Tennyson Medals (see P.E.B. Manual).	
Tew, Professor	269
Thomas, Gladys Lloyd	173, 210
Thomas, Rutter Jewell	283
Thompson, George, Bursary in Commerce	158, 269
Thornber Bursary	347
Tinline	101, 151, 281
Tormore Prize	252
Union Carbide Prizes	313
United Nations Prize	323
University Research Grant	331
Varley Scholarship	101, 169, 208
Walker, the Reginald, Fellowship	101, 306
Watson, Archibald	303
Weimar-Ohlstrom	253
Whinham, Robert, for Elocution	209
Wilkinson, Herbert John, Memorial Prize	293
Williams, Clement Q., Memorial Prize	217
Wilson Travelling Scholarship in Obstetrics	101, 162, 307
Wilton, J. R., Prize	314
Wood, J. G., Memorial Prize	314
Wood Jones Scalpel	293
Wormald Bros. Prize in Architecture	246
Young, John L., Scholarship for Research	101, 324
Young, John Lorenzo, Scholarship	101, 272
Scholarships, etc., tenable at other Australian Universities	342

INDEX

Page

Schulz, A. J., Bequest - - - - -	101, 258
Science—	
Association, Adelaide University - - - - -	358
Bachelor, Master and Doctor of - - - - -	591, 643, 666
Faculty of - - - - -	58, 125
Matriculation for - - - - -	116
Syllabus - - - - -	953
Scott, Andrew, Memorial Prize - - - - -	252
Seal of University - - - - -	114
Senate—	
Casting Vote - - - - -	15, 184
Chairman - - - - -	15, 184
Quorum - - - - -	15, 184
Standing Committee - - - - -	184
Standing Orders - - - - -	184
Statute - - - - -	110
Warden, Clerk, Members - - - - -	52, 1203
Shell Company of Australia Ltd.—	
Postgraduate Scholarships - - - - -	338
Prize in Chemical Engineering - - - - -	276
Prize in Mechanical Engineering - - - - -	276
Sheridan, Keith, Prize - - - - -	297
Sheridan, Miss Keith, Bequest - - - - -	101
Sheridan Research Grants (see Medical Research Committee Grants).	
Shorney Medal, Library and Prize - - - - -	101, 166, 302
Silver, William, Scholarship - - - - -	219
Simpson, A. M., Library in Aeronautics - - - - -	158
Simpson, Sheridan Bequest - - - - -	101
Sites and Grounds Committee - - - - -	61
Skipper, Justin, Prize - - - - -	287
Smith, Eric, Bursary - - - - -	322
Smith Kline and French Prize in Microbiology - - - - -	294
Smith, Roy Frisby, Prize - - - - -	288
Social Studies—	
Board of Studies in - - - - -	60, 149
Holders of Diploma in - - - - -	1320
Regulations for Diploma in - - - - -	688
Syllabus - - - - -	998
Societies Associated with the University - - - - -	348
Soldiers' Children Education Board - - - - -	341
Special Examinations, Statute - - - - -	144
Sports Association, Adelaide University - - - - -	351
Sports Grounds - - - - -	352
Staff Development Committee - - - - -	53
Staff of—	
Elder Conservatorium of Music - - - - -	83
University - - - - -	64-91
Waite Agricultural Research Institute - - - - -	68
Staff Club, Gift to - - - - -	101
Standing Committee of the Senate - - - - -	184
Standing Orders of the Senate - - - - -	184
Statistics—	
Staff - - - - -	90
Syllabuses - - - - -	981
Statistics of Students—see Annual Report.	
Statutes - - - - -	108
Statutory Fee - - - - -	147
Storey, John, Prizes - - - - -	273
Stow Prizes and Scholars - - - - -	137, 286
Strong, Sir Archibald, Memorial Prize - - - - -	172, 254
Students' Loan Fund - - - - -	342
Students' Representative Council, Adelaide University - - - - -	351
Students' Union, Donations - - - - -	101
Students—	
Preclusion of, Statute - - - - -	146
Non-matriculated, Statute - - - - -	142
Review of Academic Progress - - - - -	146
Loan Fund - - - - -	342

INDEX

Page

Study Leave Committee - - - - -	60
Sudholz, Bertha, Bequest and Prize - - - - -	101, 305
Summer School of Business Administration - - - - -	239
Supreme Court, Rules for Admitting Practitioners - - - - -	568
Surgery—	
Bachelor and Master of - - - - -	575, 645
Staff - - - - -	82
Syllabus - - - - -	923
Syllabus of Subjects for Degrees and Diploma Courses - - - - -	753

T

Tate Medal - - - - -	317
Technology and Applied Science—	
Bachelor of - - - - -	598
Faculty of - - - - -	59, 129
Matriculation for - - - - -	116
S.A. Institute of, Affiliation - - - - -	162
Staff - - - - -	91
Syllabus - - - - -	1000
Tennyson Medals (see P.E.B. Manual).	
Terms, Statute of - - - - -	115
Testing, by Engineering Laboratory - - - - -	712
Tew, Professor, Prize in Economics - - - - -	269
Theatre Guild, Adelaide University - - - - -	362
Thomas, Gladys Lloyd, Gift and Scholarship - - - - -	101, 173, 210
Thomas, Rutter Jewell-, Prize and Medal - - - - -	283
Thompson, George, Bursary in Commerce - - - - -	158, 269
Thornber Bursary - - - - -	347
Time-tables of Lectures - - - - -	1077
Tinline Scholarships - - - - -	101, 151, 261
Tormore Prize - - - - -	252
Town Planning, Master of, Regulations, Syllabus - - - - -	647, 782
Traffic - - - - -	32
Treasurer (Former) - - - - -	94
Trinity College, Dublin, Recognition by - - - - -	234
Tutors in Medical and Dental Schools - - - - -	74-76, 80-83

U

Union, Adelaide University, Staff, Donations, etc. - - - - -	66, 101, 349
Union Carbide Prizes - - - - -	313
United Nations Prize (formerly League of Nations Prize) - - - - -	323
University Acts - - - - -	11
University Colleges—	
Aquinas - - - - -	52, 107, 166, 230
Lincoln - - - - -	52, 100, 107, 178, 231
Lumley, Kathleen - - - - -	52, 100, 183, 232
St. Ann's - - - - -	52, 100, 107, 163, 230
St. Mark's - - - - -	52, 100, 107, 159, 229
Joint Appeal - - - - -	107
University Land Act, 1929 - - - - -	25
University Music Society - - - - -	363
University Regiment - - - - -	356
University Research Grant - - - - -	331
University Squadron - - - - -	356
Urrbrae Estate—see under Waite.	

V

Vacancies in Council - - - - -	12, 13
Vacations - - - - -	115
Varley Scholarship - - - - -	101, 169, 208

INDEX

Page

Verco, Sir Joseph, Endowments - - - - -	101
Vice-Chancellor, Act and Statute - - - - -	14, 110
Vice-Chancellor, Deputy - - - - -	51
Vice-Chancellors, Present and Former - - - - -	51, 64, 93
Victoria Drive Fence - - - - -	101
Visitor - - - - -	17, 51
Vote of Chairman (Council and Senate) - - - - -	15

W

Waite Agricultural Research Institute - - - - -	18, 68, 101, 223
Waite, Misses L. and E., Gifts - - - - -	101
Walker, Reginald, Bequest - - - - -	101, 306
Warden of the Senate - - - - -	14, 52, 184
Watson, Archibald, Prize - - - - -	303
Way College Old Collegians, Prize (see P.E.B. Manual).	
Weimar-Ohlstrom Prizes - - - - -	253
Whinham Prize for Elocution - - - - -	209
Wilkinson, Herbert John, Memorial Prize - - - - -	293
Williams, Clement Q., Memorial Prize - - - - -	217
Wills, K. A., Gift of Portrait of Sir Douglas Mawson - - - - -	101
Wilson Travelling Scholarship in Obstetrics - - - - -	101, 162, 307
Wilton, J. R., Prize - - - - -	314
Wives' Club, Adelaide University - - - - -	363
Wood, J. G., Memorial Prize - - - - -	314
Wood Jones Scalpel - - - - -	293
Wormald Bros. Prize in Architecture - - - - -	246

Y

Young, Gavin David, Lectures - - - - -	101, 176, 239
Young, J., Bequest - - - - -	101
Young, John L., Scholarship for Research - - - - -	101, 324
Young, John Lorenzo, Scholarship - - - - -	101, 272

Z

Zoology--	
Staff - - - - -	90
Syllabus - - - - -	990