

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1968

ADELAIDE
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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 1967 the University had conferred 14,521 degrees and 5,921 diplomas by examination, and 918 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;
- Mrs. 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—\$62,550 to establish a postgraduate scholarship in Conservative Dentistry.

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 now consists 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.

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.

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."

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.

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."

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.

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.

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.

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.

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.

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 1968

TERMS:

First Term: March 4—May 11.

Second Term: June 3—August 3.

Third Term: August 26—December 7.

Lectures will cease in some cases in the week ending October 19
and in others in the week ending October 26.

 JANUARY

1968

- M. 1 Public Holiday: New Year's Day; Commonwealth inaugurated 1901.
- Tu. 2 Faculty of Agricultural Science—2.15 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.
Faculty of Medicine—8 p.m.
- M. 8 LAST DAY OF ENTRY for the Special Degree and Diploma Examinations to begin on January 22.
Faculty of Law—4.30 p.m.
Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 9 Last day of entry for the Supplementary Matriculation Examinations to be held in February.
Faculty of Science—2 p.m.
- W. 10 Faculty of Arts—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—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—5 p.m.
- M. 22 Special Degree and Diploma Examinations begin.
- W. 24 Faculty of Technology and Applied Science—10 a.m.
- F. 26 Finance Committee—2.20 p.m.
- M. 29 Public Holiday: Celebration of Australia Day.
- Tu. 30 Hospital Year begins.
Faculty of Agricultural Science—2.15 p.m.
- W. 31 ENROLMENTS BEGIN for ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY, APPLIED SCIENCE, PHARMACY and for SECOND-YEAR and THIRD-YEAR SCIENCE SUBJECTS.
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FEBRUARY

1968

- 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 ENROLMENTS BEGIN FOR ALL COURSES OTHER THAN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY, APPLIED SCIENCE, PHARMACY and for SECOND-YEAR and THIRD-YEAR SCIENCE SUBJECTS.
Faculty of Law—4.30 p.m.
- Tu. 6 Standing Sub-Committee of the Education Committee—9.30 a.m.
Faculty of Science—2 p.m.
- W. 7 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
Faculty of Economics—4 p.m.
- Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 9 LAST DAY OF ENROLMENT IN TECHNOLOGY, APPLIED SCIENCE AND PHARMACY and in SECOND-YEAR and THIRD-YEAR SCIENCE SUBJECTS.
- M. 12 Supplementary Matriculation Examinations may begin.
Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the R.A.H.—5 p.m.
- W. 14 Postgraduate Committee in Medicine—8 p.m.
- Th. 15 Education Committee—2 p.m.
- F. 16 LAST DAY OF ENROLMENT for courses other than those for which the last day was February 9.
- M. 19 Advisory Committee of the University and the Q.E.H.—5 p.m.
- F. 23 Finance Committee—2.20 p.m.
- M. 26 LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology, Bachelor of Applied Science, Bachelor of Pharmacy and the Diploma in Pharmacy that are given at the S.A. Institute of Technology.
Conservatorium first term begins.

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.

MARCH

- F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- S. 2 Long vacation ends.
- M. 4 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.
Faculty of Law—4.30 p.m.
- Tu. 5 Faculty of Agricultural Science—2.15 p.m.
- W. 6 Faculty of Economics—4 p.m.
- Th. 7 Faculty of Dentistry—5 p.m.
- M. 11 LECTURES BEGIN.
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.
- 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.
- M. 18 Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 21 Education Committee—2 p.m.
- F. 29 Finance Committee—2.20 p.m.

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.

APRIL

- M. 1 Faculty of Law—4.30 p.m.
 Tu. 2 Faculty of Agricultural Science—2.15 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.
 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.
 F. 12 GOOD FRIDAY.
 M. 15 EASTER MONDAY.
 Tu. 16 Board of Research Studies—10.15 a.m.
 Public Examinations Board—2.15 p.m.
 Th. 18 Education Committee—2 p.m.
 F. 19 Standing Committee of the Senate—8 p.m.
 M. 22 Advisory Committee of the University and the Q.E.H.—
 5 p.m.
 W. 24 ANNUAL COMMEMORATION—FIRST CEREMONY—
 3 p.m.
 Th. 25 ANZAC DAY.
 F. 26 Finance Committee—2.20 p.m.

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

MAY

- W. 1 ANNUAL COMMEMORATION—SECOND CEREMONY
—3 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.
- Tu. 7 Faculty of Agricultural Science—2.15 p.m.
- W. 8 ANNUAL COMMEMORATION—THIRD CEREMONY
—3 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Economics—4 p.m.
Postgraduate Committee in Medicine—8 p.m.
- S. 11 UNIVERSITY FIRST TERM ENDS.
- M. 13 University first short vacation begins.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 14 Standing Sub-Committee of the Education Committee—
9.30 a.m.
Faculty of Science—2 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.
- S. 18 Conservatorium first term ends.
- M. 20 Conservatorium first short vacation begins.
Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 23 Education Committee—2 p.m.
- F. 31 Finance Committee—2.20 p.m.

 JUNE

- S. 1 University and Conservatorium first short vacation ends.
- M. 3 UNIVERSITY AND CONSERVATORIUM SECOND TERM BEGINS.
 Faculty of Law—4.30 p.m.
 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 4 Faculty of Agricultural Science—2.15 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 Public Holiday: Celebration of Queen's Birthday.
- Tu. 11 Standing Sub-Committee of the Education Committee—9.30 a.m.
 Faculty of Science—2 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 Board of Research Studies—10.15 a.m.
 Public Examinations Board—2.15 p.m.
 Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 20 Education Committee—2 p.m.
- F. 28 Finance Committee—2.20 p.m.

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

JULY

- M. 1 Faculty of Law—4.30 p.m.
- Tu. 2 Faculty of Agricultural Science—2.15 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.
- 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—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 18 Education Committee—2 p.m.
- F. 19 Standing Committee of the Senate—8 p.m.
- F. 26 Finance Committee—2.20 p.m.
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AUGUST

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- 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.
- S. 3 University Second Term ends.
LAST DAY OF ENTRY FOR THE DEGREE AND
DIPLOMA EXAMINATIONS TO BE HELD IN
NOVEMBER.
- M. 5 University second short vacation begins.
Faculty of Law—4.30 p.m.
- Tu 6 Faculty of Agricultural Science—2.15 p.m.
- W. 7 Faculty of Economics—4 p.m.
- Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
- S. 10 Conservatorium second term ends.
- M. 12 Conservatorium second short vacation begins.
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.
- W. 14 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.
- M. 19 Board of Research Studies—10.15 a.m.
Public Examinations Board—2.15 p.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 22 Education Committee—2 p.m.
- S. 24 University and Conservatorium second short vacation ends.
- M. 26 UNIVERSITY AND CONSERVATORIUM THIRD TERM
BEGINS.
- F. 30 Last day of entry for Public Examinations to be held in
November.
Finance Committee—2.20 p.m.
-

SEPTEMBER

- M. 2 Faculty of Law—4.30 p.m.
- Tu. 3 Faculty of Agricultural Science—2.15 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.
- 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 Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 19 Education Committee—2 p.m.
- F. 27 Finance Committee—2.20 p.m.
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For Music and the Art of Speech examinations, see
A.M.E.B. Manual.

OCTOBER

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- Tu. 1 Faculty of Agricultural Science—2.15 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.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 8 Standing Sub-Committee of the Education Committee—
9.30 a.m.
Faculty of Science—2 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 Public Holiday: Eight-hour Day.
- Tu. 15 Board of Research Studies—10.15 a.m.
Public Examinations Board—2.15 p.m.
- Th. 17 Education Committee—2 p.m.
- F. 18 Standing Committee of the Senate—8 p.m.
- S. 19 Lectures in some Departments end.
- M. 21 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 25 Finance Committee—2.20 p.m.
- S. 26 All lectures end.
- M. 28 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 November
27.
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NOVEMBER

- F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- M. 4 DEGREE AND DIPLOMA EXAMINATIONS, IN
GENERAL, BEGIN.
Faculty of Law—4.30 p.m.
- Tu. 5 Faculty of Agricultural Science—2.15 p.m.
- W. 6 Faculty of Economics—4 p.m.
- Th. 7 Faculty of Dentistry—5 p.m.
- M. 11 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.
- W. 13 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. 14 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 18 Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 21 PUBLIC EXAMINATIONS BEGIN.
Education Committee—2 p.m.
- Tu. 26 Standing Sub-Committee of the Education Committee—
9.30 a.m.
Faculty of Agricultural Science—2.15 p.m.
- W. 27 Faculty of Arts—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
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. 28 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Dentistry—5 p.m.
- F. 29 Finance Committee—2.20 p.m.
- S. 30 Conservatorium third term ends.

DECEMBER

- M. 2 Board of Research Studies—10.15 a.m.
Faculty of Law—4.30 p.m.
- Tu. 3 Faculty of Science—2 p.m.
- W. 4 Faculty of Economics—4 p.m.
- Th. 5 Education Committee—2 p.m.
- F. 6 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- S. 7 Academic Year ends.
- M. 9 Advisory Committee of the University and the R.A.H.—
5 p.m.
- F. 13 Finance Committee—2.20 p.m.
- M. 16 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 20 Council—2.20 p.m.
- W. 25 CHRISTMAS DAY.
- M. 30 Public Holiday: Proclamation Day.
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ALMANAC FOR 1969

TERMS:

- First Term: March 10-May 17
 Second Term: June 9-August 9
 Third Term: September 1-December 13

JANUARY

1969

Note: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1969 may be found in the enrolment leaflet.

- W. 1 Public Holiday: New Year's Day.
Commonwealth inaugurated 1901.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m.
Faculty of Medicine—8 p.m.
- M. 6 Faculty of Law—4.30 p.m.
- Tu. 7 Faculty of Agricultural Science—2.15 p.m.
Last day of entry for Supplementary Matriculation Examination to be held in February.
- W. 8 Faculty of Economics—4 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- 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.
- Tu. 14 Faculty of Science—2 p.m.
- W. 15 Faculty of Arts—2 p.m.
Faculty of Engineering—3.30 p.m.
- M. 20 Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—5 p.m.
- W. 22 Faculty of Technology and Applied Science—10 a.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.

FEBRUARY

Note: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1969 may be found in the enrolment leaflet.

- M. 3 Hospital Year begins.
Faculty of Law—4.30 p.m.
- Tu. 4 Faculty of Agricultural Science—2.15 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 Supplementary Matriculation Examinations may 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.
- 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—10.15 a.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 21 Education Committee—2 p.m.
- M. 24 LECTURES BEGIN in those subjects for the degrees of
Bachelor of Technology, Bachelor of Applied Science,
Bachelor of Pharmacy and the Diploma in Pharmacy
that are given at the S.A. Institute of Technology.
Conservatorium first term begins.
- F. 28 Finance Committee—2.20 p.m.
-

 MARCH

- M. 3 Faculty of Law—4.30 p.m.
- Tu. 4 Faculty of Agricultural Science—2.15 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 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.
- 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—10.15 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.

The University of Adelaide

1968

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D. Elected for the first time, 7th October, 1966.

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. A member since 1945.

THE VICE-CHANCELLOR. A member since 1965.

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.

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, 25th November, 1964.

JULIAN RANDAL DRIDAN, C.M.G., B.E. A member since 1955. Date of last election, 24th November, 1965.

JOHN ANGUS DUNNING, O.B.E., M.A. (Oxford), M.Sc. (N.Z.). A member since 1960. Date of last election, 25th November, 1964.

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 HETZEL, 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, 25th November, 1964.

PROFESSOR PETER HENRY KARMEL, 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.

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

ANNIE WINIFRED WALL, M.B., B.S., F.F.A.R.A.C.S. A member since 1960. Date of last election, 22nd November, 1967.

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

SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D. A member since 1945. Date of last election, 27th November, 1963.

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—ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Elected for the first time, 23rd November, 1960; re-elected annually; date of last election, 22nd November, 1967.

Clerk—HENRY ELLIOTT WESLEY SMITH, B.Ed. (Melbourne), Dip.Ed. (Oxford), B.A. Elected for the first time, 24th November, 1965; re-elected 22nd November, 1967.

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. Elected for the first time, 23rd November, 1966.

FREDERICK HARRY DAVIS, B.A., M.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.

EDWIN HARRY MEDLIN, Ph.D. Elected for the first time, 24th November, 1965.

BRYAN GRAY RADDEN, B.D.Sc. (W. Aust.), F.D.S.R.C.S. (Eng.), Ph.D. (Lond.). Elected for the first time, 23rd November, 1966.

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, 23rd November, 1966.

WILFRED ALLAN WHITE, B.Ec., M.A.C.E. A member since 1963. Date of last election, 24th November, 1965.

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 Raynes, 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 1968

EDUCATION COMMITTEE

Chairman: Professor E. S. Barnes

Vice-Chairman: Professor M. A. Jeeves

The Chancellor	The Members of the Equipment Committee
The Deputy Chancellor	The Members of the Research Executive 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	

STANDING SUB-COMMITTEE OF THE EDUCATION COMMITTEE

Chairman: Professor E. S. Barnes

Vice-Chairman: Professor M. A. Jeeves

The Vice-Chancellor	Professor N. T. Flentje
The Deputy Vice-Chancellor	Professor R. P. Jepson
Professor J. H. Bennett	Professor G. H. Lawton

FINANCE COMMITTEE

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

The Chancellor	Mr. J. R. Dridan
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:

Dr. J. Melville	Professor D. Rowley
Professor A. Rogerson	Professor F. K. Wright

STAFF DEVELOPMENT COMMITTEE

Chairman: Professor H. Stretton

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

COMMITTEES, FACULTIES, AND BOARDS

EQUIPMENT COMMITTEE

Chairman: Professor D. O. Jordan

The Members of the Staff
Development Committee

Professor D. R. Stranks

RESEARCH EXECUTIVE COMMITTEE

Chairman: Professor W. P. Rogers

The Deputy Vice-Chancellor

Members *ex officio*:
The Director of the Waite Institute

Appointed members:
Professor A. C. Castles
Professor W. H. Elliott
Professor D. Calliver

Dr. F. Jacka
Professor G. M. Maxwell
Professor J. L. Woodward

FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor D. J. D. Nicholas

Members *ex officio*:

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The Deputy Chancellor
The Vice-Chancellor
The Chairman of the Education Committee
The Dean of the Faculty of Science
The Principal of Roseworthy Agricultural College

Professor J. H. Bennett
Professor T. O. Browning
Professor C. M. Donald
Dr. L. G. Ericson (deputy for Professor J. H. Carver)
Professor N. T. Flentje
Professor W. V. Macfarlane

Dr. J. Melville
Professor D. J. D. Nicholas
Professor L. G. Paleg
Professor R. N. Robertson
Dr. H. J. Rodda (deputy for Professor A. L. J. Beckwith)
Professor E. A. Russell
Professor R. W. R. Rutland
Dr. J. C. Sheldon (deputy for Professor D. O. Jordan)
Mr. W. B. Taylor (deputy for Professor A. T. James)
Mr. I. M. Thomas (deputy for Professor H. G. Andrewartha)

Members appointed by the Council:

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Dr. D. Aspinall
Dr. R. J. Best
Dr. B. G. Coombe
Mr. J. Dixon
Dr. K. W. Finlay
Dr. R. I. B. Francki
Dr. D. J. Greenland
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Dr. J. B. Jones
Dr. A. Kerr
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Dr. D. A. Maelzer
Dr. R. A. Massy-Westropp
Dr. G. M. E. Mayo
Dr. P. W. Miles
Miss B. S. Niven
Dr. J. Sabine
Dr. R. Seamark
Mr. A. G. Strickland
Dr. J. R. E. Wells
Dr. J. T. Wiskich

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Dean: Professor R. A. Jensen

Members *ex officio*:

The Chancellor
The Deputy Chancellor
The Vice-Chancellor
The Chairman of the Education Committee
The Dean of the Faculty of Arts
The Dean of the Faculty of Science
The Dean of the Faculty of Engineering

Mr. A. J. Gillissen
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Mr. H. N. Hoskings
Professor R. A. Jensen
Mr. D. L. Johnson
Mr. J. D. Kendrick
Mr. H. Parsons
Professor R. B. Potts
Mr. G. Sved (deputy for Professor F. B. Bull)
Mr. F. D. W. Van Zyl

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Mr. J. R. Dridan
Mr. G. Duncan
Rev. Dr. W. F. Hambly

Mr. R. D. Hastwell
Mr. S. Pikusa
Mr. H. Smith
Mr. A. E. Welbourn

FACULTY OF ARTS

Dean: Professor B. L. D. Coghlan

Members *ex officio*:

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

Members appointed by the Council:

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Mr. A. H. Campbell	Dr. G. Kirchhoff
Mr. J. S. Dunkerley	Dr. S. H. Lovibond
Dr. B. W. Ellis	Mr. K. W. Morris
Mr. A. French	Dr. E. J. Pitman
Dr. J. T. Gilchrist	Mr. H. J. Siliakus
Mr. J. B. Gill	Mr. G. W. Turner

FACULTY OF DENTISTRY

Dean: Professor J. C. Thonard

Members *ex officio*:

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

Members appointed by the Council:

Mr. F. R. Henning	Mr. A. H. Lendon
Mr. G. 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 E. A. Russell

Members *ex officio*:

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

Members appointed by the Council:

Dr. N. Blewett	Mr. B. R. Macklin
Mr. L. A. Braddock	Mr. A. M. Ramsay
Mr. G. R. Broomhill	Mr. N. Sarah
Mr. E. H. Burgess	Mr. A. M. Simpson
Mr. D. R. Hainsworth	Mr. D. L. Smith

FACULTY OF ENGINEERING

Dean: Professor J. L. Woodward

Members *ex officio*:

The Chancellor	Dr. R. Lawrence (deputy for Professor J. H. Carver)
The Deputy Chancellor	Dr. R. L. Oliver (deputy for Professor R. W. R. Rutland)
The Vice-Chancellor	Dr. B. J. Steel (deputy for Professor D. O. Jordan)
The Chairman of the Education Committee	Professor E. A. Rudd
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 R. O. Potts)
Professor H. H. Davis	Mr. D. H. Tyler
Professor R. A. Jensen	Professor J. L. Woodward

Members appointed by the Council:

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Mr. J. W. Crompton	Dr. J. Mannam
Mr. D. R. Currie	Professor D. R. Miller
Mr. W. D. Doble	Mr. D. C. Pawsey
Mr. J. R. Dridan	Mr. A. J. Robinson
Dr. D. W. Griffin	Dr. T. N. Smith

FACULTY OF LAW

Dean: Professor A. Rogerson

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

Members appointed by the Council:

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

FACULTY OF MEDICINE

Dean: Professor W. A. Cramond

Associate Dean: Professor G. M. Maxwell

Members *ex officio*:

The Chancellor	Mr. H. Lander
The Deputy Chancellor	Dr. G. S. Laurence (deputy for Professor D. O. Jordan)
The Vice-Chancellor	Mr. F. M. M. Mai
The Chairman of the Education Committee	Dr. P. G. Martin (deputy for Professor R. N. Robertson)
Professor A. A. Abbie	Mr. M. L. Mashford
Dr. R. A. Barbour	Professor G. M. Maxwell
Dr. J. A. Bonnin	Mr. K. D. Murray
Dr. J. S. Charnock	Mr. L. J. Opit
Dr. A. F. Connon	Dr. A. D. Packer
Professor L. W. Cox	Dr. R. K. Pak Poy
Dr. R. I. Cox	Dr. L. O. S. Poidevin
Professor W. A. Cramond	Dr. R. H. Prager (deputy for Professor A. L. J. Beckwith)
Dr. P. S. Davis	Professor J. S. Robertson
Dr. I. S. de la Lande	Dr. G. E. Rogers
Professor D. J. Deller	Professor D. Rowley
Mr. R. B. Elliott	Mr. B. J. Shea
Professor W. H. Elliott	Dr. R. N. Speden
Dr. I. J. Forbes	Mr. E. M. Symonds
Mr. D. Hardy	Dr. R. H. Symons
Mr. J. D. Harris	Dr. J. H. Van Deth
Professor B. S. Hetzel	Dr. A. G. Wangel
Dr. R. L. Hodge	Professor R. F. Whelan
Mr. M. I. G. Iliffe (deputy for Professor J. H. Carver)	Dr. T. C. R. White (deputy for Professor H. G. Andrewartha)
Professor R. P. Jepson	Dr. P. S. Woodruff
Dr. D. I. B. Kerr	
Mr. G. M. Kneebone	

Members appointed by the Council:

Dr. J. M. Bonnin	Mr. R. Hunter
Mr. N. J. Bonnin	Dr. J. R. Lawrence
Mr. R. A. Burston	Mr. A. H. Lendon
Mr. A. G. Campbell	Dr. J. M. McPhie
Mr. K. C. Crafter	Mr. R. M. MacIntosh
Mr. D. O. Crompton	Mr. J. P. Maddern
Dr. W. A. Dibden	Mr. J. R. Magarey
Mr. H. M. Douglas	Mr. M. G. Maguire
Mr. G. T. Gibson	Mr. M. W. Miller
Dr. K. S. Hetzel	Mr. R. N. Munday
Dr. E. Hackett	Dr. T. G. Paxon

FACULTY OF MEDICINE (Continued)

Mr. L. J. T. Pellew	Mr. H. D. Sutherland
Mr. R. G. Plummer	Dr. A. W. Wall
Mr. M. J. W. Sando	Dr. R. F. West
Dr. C. B. Sangster	Mr. G. G. Wyllie
Dr. E. B. Sims	

FACULTY OF MUSIC

Dean: Professor D. Galliver

Members *ex officio*:

The Chancellor	Mr. P. Britton
The Deputy Chancellor	Mr. H. Fairhurst
The Vice-Chancellor	Mr. J. C. Govenlock
The Chairman of the Education Committee	Miss P. Holmes
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 J. G. Cornell	Professor L. F. Neal
Mr. D. Cubbin	Mr. G. Reeves
Mr. L. Davies	Mr. J. Tancibudek
Mr. H. L. Dossor	Miss N. Thomas
Mr. C. T. Leske	Mr. J. Whitehead
Dr. E. H. Medlin	Mr. T. A. Wightman
Mr. D. Munro	

FACULTY OF SCIENCE

Dean: Professor D. R. Stranks

Associate Dean: Professor R. N. Robertson

Members *ex officio*:

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

Members appointed by the Council:

Mr. A. H. Campbell	Dr. M. J. Mayo
Dr. I. N. Capon	Professor J. H. Michael
Mr. R. W. Close	Dr. A. D. Packer
Dr. A. A. Diamantis	Dr. P. Reeves
Mr. J. A. Dunning	Dr. G. E. Rogers
Miss C. M. Eardley	Dr. P. W. Seymour
Dr. W. G. Elford	Mr. R. I. Sommerville
Professor M. F. Glaessner	Dr. T. M. Spotswood
Professor C. A. Hurst	Dr. J. Stephenson
Dr. C. R. Jenkin	Professor D. R. Stranks
Dr. I. D. John	Dr. R. H. Symons
Dr. S. W. Kennedy	Mr. W. B. Taylor
Dr. D. I. B. Kerr	Mr. I. M. Thomas
Dr. A. W. Kleeman	Dr. S. G. Tomlin
Dr. I. S. de la Lande	Dr. A. D. Ward
Professor K. G. McCracken	Dr. T. C. R. White
Dr. P. C. Martin	Dr. H. B. S. Womersley

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

Dean: Dr. S. I. Evans

Associate Dean: Professor H. H. Davis

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:

Dr. A. R. Bevan (deputy for Professor J. H. Carver)	Professor D. R. Miller
Professor H. H. Davis	Mr. D. C. Pawsey (deputy for Professor J. L. Woodward)
Professor D. O. Jordan	Professor E. A. Rudd
Mr. J. D. Kendrick (deputy for Professor R. A. Jensen)	Dr. J. G. Sanderson (deputy for Professor J. A. Ovenstone)
Dr. L. N. Mander (deputy for the Chairman of the Board of Studies in Pharmacy)	Dr. T. N. Smith (deputy for Professor R. W. F. Tait)
Dr. J. Mazumdar (deputy for Professor R. B. Potts)	Mr. G. Sved

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

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Mr. D. C. Canty	Mr. D. H. Lee
Dr. B. J. F. Christie	Dr. E. W. Mills
Mr. D. W. Cox	Mr. J. Ridyard
Dr. R. V. Culver	Dr. R. W. Smyth
Mr. W. G. Forte	Mr. C. G. Wilson

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Chairman: Professor D. O. Jordan

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The Deputy Chancellor	Professor D. O. Jordan
The Vice-Chancellor	Mr. R. C. McCarthy
The President of the Pharmaceutical Society	Dr. P. G. Martin
The Secretary of the Pharmaceutical Society	Dr. E. W. Mills
The President of the Pharmacy Board	Mr. A. E. Pollack
The Dean of the Faculty of Medicine	Mr. K. S. Porter
Dr. B. J. F. Christie	Dr. H. J. Rodda
	Mr. B. H. Stock
	Professor R. F. Whelan

BOARD OF STUDIES IN PHYSICAL EDUCATION

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HORACE SWALES SMITH. Appointed Secretary of the Union and the Association, 1957; of the Association, 1967.

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IAN HANNA, B.A. (Melb.), M.A. (Leeds). Appointed Tutor-Organiser (Lecturer), 1965; Senior Lecturer, 1968.

Lecturer:

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COLIN ROBERT LAWTON. Appointed Administrative Assistant, 1958; Senior Administrative Assistant, 1964.

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Appointed 1964.

Readers:

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1930; Senior Lecturer, 1950; Reader, 1958.

DENNIS JAMES GREENLAND, M.A., D.Phil. (Oxford). Appointed Lecturer, 1959;
Reader, 1963.

ALAN MARLOW SNOSWELL, Ph.D. Appointed 1968.

Senior Lecturers:

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Lecturer, 1962.

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;
Senior Lecturer, 1967.

Lecturers:

HERMANN PETER CHRISTIAN GALLUS, M.Sc. Appointed 1931.

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Reader, 1961.

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Senior Lecturer, 1958; Reader, 1965.

Senior Lecturers:

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1958; Senior Lecturer, 1962.

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1962.

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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:

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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.

Research Fellow:

ROBERT HYDE BREWER, B.A. (Hanover College), Ph.D. (Chicago) (Commonwealth Development Bank Grant). Appointed 1965.

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, 1958; Senior Lecturer, 1966.

RICHARD IGNACY BARTLOMIEJ FRANCKI, Ph.D. (N.Z.). Appointed Lecturer, 1961; Senior Lecturer, 1967.
 BRUCE GARNET CLARE, M.Sc. (Q'ld.). Appointed Temporary Lecturer, 1958; Lecturer, 1960; Senior Lecturer, 1968.

Lecturer:

JOHN WESLEY RANGLES, M.Ag.Sc. Appointed 1968.

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:

GORDON 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:

BARBARA SUSANNA NIVEN, B.Sc. (S.A.), M.Sc. (Rand), *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.

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.

Reader:

GILBERT HERBERT, M.Arch., Dip.T.P. (Rand), A.R.I.B.A., A.R.A.I.A., M.I.A., M.A.P.I. Appointed 1961.

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.

FRANCOIS DAVID WALLACE VAN ZYL, B.Arch. (Cape T.), A.R.I.B.A., A.R.A.I.A., M.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.

Lecturer:

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

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.

THOMAS ALBERT FARRENT, B.Sc., B.E. Appointed 1968.

STEFAN ADAM PIKUSA, B.Arch., A.R.A.I.A. Appointed 1968.

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.

Senior Tutor:
KATHLEEN LILIAN HASSELL, M.A.

EDUCATION

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

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

Lecturers:
PETER ALFRED NEWNHAM, B.A. (Lond.). Appointed 1961.
JACK ALAN ROWELL, M.Sc., Dip.Ed. (Leeds). Appointed 1964.
JOHN SPENCER DUNKERLEY, M.A. (Camb.). Appointed 1964.
MARTIN SIMONS, B.Sc. (Lond.), M.Ed. (Durh.). Appointed 1968.
DEIRDRE FRANCES JORDAN (SISTER MARY CAMPION), B.A., M.Ed. Appointed 1968.

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.

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

Lecturers:
PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed 1961.
PHILIP WALDRON, M.A. (N.Z.), A.M. (Harv.). Appointed 1964.
BURWELL DODD, B.A. (Yale and Durh.). Appointed 1965.
MICHAEL JOHN TOLLEY, B.A. (Lond.). Appointed 1965.
ROSEMARY HOPE SWEETAPPLE, B.A. (Natal). Appointed 1965.
ANTHONY MICHAEL SLADE, M.A. (Bristol). Appointed 1962-3. Re-appointed 1966.
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.

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.

Lecturers:

ANDREE MARCELLE DAVID, Dipl. d'Et. Sup., C.A.P.E.S. (Paris). Appointed 1963.
NICOLE 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, B.A. (Oxford), Ph.D. (Belf.). Appointed Lecturer, 1961; Senior Lecturer, 1966.

Lecturers:

TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales), F.R.Met.S. Appointed 1960.
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
SUSAN BARKER, B.Sc. (Lond.), M.Sc. (S'ton).
ELIZABETH LORRAINE WITWER, B.A.

GERMAN LANGUAGE AND LITERATURE**Professor:**

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

Senior Lecturers:

OTTO PAUL GERHARD KIRCHHOFF, D.Phil. (Freiburg). Appointed 1966.
HENDRICUS JOHANNES SILIAKUS, B.A. (Birm.), M.A. Appointed Tutor, 1955; Lecturer, 1958; Senior Lecturer, 1966.

Lecturers:

ALOIS OTTO BONIG, M.A. (Melb.). Appointed 1963.
LEE IRVING KERSTEN, B.A. (Temporary).

Senior Tutor:

MARIE-LOUISE MATHILDE THIERSCH, B.A.

Tutors:

WILLIAM DOUGLAS CRAIG CALDWELL, B.A. (Melb.).
DENISE AILEEN MARY RYAN, M.A. (Melb. and Oxford).

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:

HUGH STRETTON, M.A. (Oxford). Appointed 1954.

Readers:

KENNETH LOWELL OLIVER GILLION, M.A. (N.Z.), A.M. (Tufts), Ph.D. (A.N.U.). Appointed Senior Lecturer, 1963; Reader, 1967.
JOHN THOMAS GILCHRIST, Ph.D., Dip.Ed. (Leeds). Appointed Lecturer, 1958; Senior Lecturer, 1964; Reader, 1967.
WALTER ALFRED PETER PHILLIPS, M.A. (W. Aust. and Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961; Reader, 1968.

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.
 ROBIN BERWICK WALKER, M.A. (Syd.), Ph.D. (Liv.). Appointed 1967.

Lecturers:

JOHN MICHAEL RENDER YOUNG, M.A. (Auck.), B.A. (Oxford). 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.
 GORDON LESLIE BUXTON, Ph.D. (A.N.U.), B.A. Appointed 1965.
 PRODYOT CHANDRA MUKHERJEE, B.A. (Lond.), Dr.Pol.Sci. (Warsaw). 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.A. (Yale). Appointed 1968.

Research Fellow:

GERHART PAUL GUSTAV SINZHEIMER, M.A. (Oxford and Wash.). Appointed Lecturer, 1966; Research Fellow, 1968.

Tutors:

PHILIP JAMES BULL, B.A.
 ROSEMARY BYERLEY
 JUNE XAVIERE COOK, B.A. (Camb.)
 DECIE AILEEN DENHOLM, B.A. (Tas.)
 LANCE FRANKLIN SCHULTZ, B.A.
 JOHN DAVID YOUNG

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.

POLITICS**Professor:**

WALTER GEORGE KEITH DUNCAN, M.A. (Syd.), Ph.D. (Lond.). Appointed 1951.

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.
 JEANETTE PETTMAN, B.A. (Temporary).

Tutors:

IONE PATRICIA PEARSON, B.A., LL.B.
 RALPH HAROLD PETTMAN

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

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

Professor:

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

Honorary Professor:

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

- Reader:**
 SYDNEY HAROLD LOVIBOND, B.A. (Melb.), Ph.D., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959; Reader, 1966.
- 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.
- Lecturers:**
 FRANCIS ROBERT DALZIEL, Ph.D. (Aberd.). Appointed 1962.
 ANTHONY HAROLD WINEFIELD, Ph.D. (Lond.). Appointed 1962.
 IAN DAVID JOHN, M.A. (Melb.), B.A. 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) (Temporary).
 CHRISTOPHER JOHN COOPER, M.B., B.S. (Temporary).
- Research Fellow:**
 PEGGIE KATHLEEN THORNTON, Ph.D. (R'dg.) (Aboriginal Infant Morbidity Project). Appointed 1968.
- Tutors:**
 MERRIL CHRISTINE HAMMER
 LEON COLBURN LACK, B.A. (Stan.).
 INARA PROSKE, B.A.

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.
- Lecturer:**
 CHAU KAI KIN, B.D.S., F.A.C.D.S. (Temporary).
- Teaching Registrar:**
 SVEN KUUSK, B.D.S., F.A.C.D.S. (The Queen Elizabeth Hospital.)
- Part-time Lecturers:**
 JAMES ESTCOURT HUGHES, M.B., M.S., F.R.A.C.S., *Surgery*. Appointed 1954.
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S., F.A.C.D.S., *Dental Practice*. Appointed 1960.
- Part-time Tutors:**
 MELVILLE LIONEL CARTER, M.B., B.S., *Surgery*.
 GEOFFREY ERIC GIBSON, M.B., B.S., *Medicine*.
 THEO GOTJAMANOS, M.D.S.
 DAVID WYNDHAM HAMILTON, M.B., B.S., F.R.C.S., *Surgery*.
 BRIAN NATHAN LUKE, B.D.S.
 DONALD PETER REID, M.B., B.S., *Medicine*.
 JOHN FRANCIS ANTHONY WALSH, M.B., B.S., F.R.C.S., F.R.A.C.S., *Surgery*.

DIVISION OF ORAL BIOLOGY

- Professor:**
 JOHN CHARLES THONARD, B.D.Sc. (Melb.), Ph.D. (Rochester). Appointed 1966.
- Reader:**
 NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. Appointed Lecturer in Microbiology, 1939; Reader, 1950; transferred, 1968.
- Senior Lecturers:**
 TASMAN BROWN, M.D.S., F.A.C.D.S. Appointed Lecturer, 1960; Senior Lecturer, 1964.
 JOHN GABRIEL WATERSON, B.D.S., 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 Lecturers:**
 MICHAEL ANTHONY CAROL NUGENT, B.D.Sc. (Q'ld.), D.Orth. R.C.S., F.A.C.D.S., *Orthodontics*. Appointed 1968.
 EDWARD CONROY McNULTY, B.S. (Coll. of the Holy Cross), D.M.D. (Harv.) (Temporary).

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:

GEOFFREY IVAN BROWN, M.D.S., F.A.C.D.S.
 BRIAN CORRELL CRISP, M.D.S., F.A.C.D.S.
 CLIVE MICHAEL DURNEY
 RODNEY LEWIS MOORE
 BASIL WRIGHT PHILLIPS, M.D.Sc. (Melb.), B.D.S., F.A.C.D.S.
 BRUCE ALLISON TIDSWELL, M.S.D. (Wash.), B.D.S., F.A.C.D.S.
 ROBERT WILLIAM WENZEL

DIVISION OF ORAL PATHOLOGY AND ORAL SURGERY**Readers:**

JAMES ALEXANDER CRAN, B.D.Sc. (Q'ld.), D.D.Sc., F.A.C.D.S. Appointed 1954.
 BRYAN GRAY RADDEN, B.D.Sc. (W. Aust.), F.D.S.R.C.S. (Eng.), Ph.D. (Lond.).
 Appointed Senior Lecturer, 1959; Reader, 1967.

Senior Lecturer:

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

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.
 RICHARD JOHN GLUYAS, 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.
 PETER DE PAUL McDONALD, B.D.S.
 KEVIN READING MOORE, B.D.S.
 DAVID JOHN RUGLESS, B.D.S.
 BRIAN HEYLEN SOUTER, 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.

Lecturer:

WILLIAM EDWARD JOYCE, B.D.S. (Syd.). Appointed 1967.

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 FRANCIS BURROW, 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.
 DAVID MICHAEL FOX, B.D.S.
 HAROLD BRUCE FRAYNE, M.D.S., F.A.C.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.
 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.
 JAMES IAN LUKE, 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.
 REUBEN JOHN MYHILL, 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.
 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.
 FRANCIS RICHARD WHITE, B.D.S.
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S., F.A.C.D.S.
 JEFFREY JOHN WRIGHT, B.D.S.

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.

JOHN HARVEY HATCH, B.A. (Exe.). Appointed 1967.

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

Part-time Lecturer:

NEIL SARAH, M.Com. (Ill.), B.Ec. Appointed 1964.

Tutor:

FREDERICK ARCHIBALD BLOCH

ECONOMICS

Professor and Head of the Department:

ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), M.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1958; Professor, 1964.

The George Collin Professor:

Professor:

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

Readers:

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

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

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.

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.
 GRAEME GILBERT MOFFATT, Ph.D. (Monash), M.Ec. Appointed 1966.
 PETER DAVID PRAETZ, M.A. (Melb.), F.I.A. Appointed 1966.
 MERVYN KEITH LEWIS, B.Ec. Appointed Temporary Lecturer, 1966; Lecturer, 1967.
 THOMAS SHERIDAN, B.A. (Leeds). Appointed 1968.
 PIPPA MARGARET SIMPSON (Temporary).

Tutors:

JILL PENELOPE ANN BURNS, B.A.
 GRETEL DUNSTAN, B.A.
 GRANT HILLIER
 GRAHAM McLENNAN SCOTT, B.Ec.

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 Lecturer:

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

Lecturers:

CARL PATRICK JEFFRESON, B.E. (Syd.), M.Tech. (N.S.W.). Appointed 1965.
 DAVID REGINALD GLYNDWR WILLIAMS, Ph.D. Appointed 1965.
 MALCOLM JAMES MESSENGER, Ph.D. Appointed 1966.
 MICHAEL JOHN STORY, Ph.D. (Camb.), B.E. (Temporary).

Part-time Lecturer:

ROBIN GUION ELIX, B.E. Appointed 1964.

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). Appointed 1960.
 DAVID BEAVINGTON CRAWLEY, M.A. (Camb.). Appointed 1963.
 DAVID STIRLING BROOKS, M.E. Appointed Lecturer, 1958; Senior Lecturer, 1967.
 DENIS ARTHUR CUMMING, M.A. (Oxford). Appointed 1967.

Lecturers:

JOHN ROBERT EWERS, B.E. (W. Aust.). Appointed 1965.
 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 1948.

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.E., B.Sc. Appointed 1964.

Part-time Lecturer:

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

Honorary Consultant in Computer Engineering:

GEORGE EDGERTON BARLOW, M.Sc. (Melb.). Appointed 1965.

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.
 ROBERT BRUCE KING, B.Sc. (Syd.). Appointed Lecturer, 1959; Senior Lecturer, 1963.
 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.
 JAMES ROSS DYER, B.E., B.Ec. Appointed Lecturer, 1961; Senior Lecturer, 1965.

Lecturer:

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

Research Fellow:

PETER LEWIS GOODALE, B.E. (Simpson Pope Limited Grant). Appointed 1965.

FACULTY OF LAW**The Bonython Professor and Head of the Department:**

ARTHUR ROGERSON, M.A. (Oxford). Appointed 1964.

Professors:

DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D. (Camb.), *International Law*. Appointed Reader, 1953; Professor, 1962.
 ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chic.). Appointed Senior Lecturer, 1958; Reader, 1964; Professor, 1967.
 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, 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.

Lecturers:

WARREN BRENT FISSE, LL.B. (Cant.). Appointed 1965.
 JOHN NEVILLE TURNER, LL.B. (Manc.). Appointed 1965.
 MICHAEL CHARLES HARRIS, LL.B. Appointed 1966.

Part-time Lecturers:

MICHAEL JAMES DETMOLD, LL.B. Appointed 1965.
 WILLIAM ANDREW NOYE WELLS, Q.C., M.A., B.C.L. (Oxford), LL.B., *Property*. Appointed 1954.

BRIAN OSWALD HUNTER, LL.B., *Equity*. Appointed 1956.
 ELWYN BEWELL SCARFE, LL.B., *Evidence*. 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.
 OSCAR CEDRIC ISAACHSEN, LL.B., *Commercial Law*. Appointed 1953.
 WILLIAM EDWARD STANLEY FORSTER, LL.B., *Procedure*. Appointed 1967.

Part-time Directors of Moots:
 CHRISTOPHER JOHN LEGOE, M.A. (Camb.). Appointed 1965.
 MICHAEL JAMES DETMOLD, LL.B. Appointed 1967.

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

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.
 VILLIS RAYMOND MARSHALL, M.B., B.S. (Temporary).
 DONALD JOHN PERRIAM, B.Med.Sc., 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:
 DAVID ROBIN LINES, M.B., B.S., M.R.A.C.P. (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.
 WILLIAM ANDREW DIBDEN, D.F.M. (Melb.), M.B., B.S.
 HUGH MATHESON DOUGLAS, M.B., B.S.
 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 Maternity 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; Professor, 1966.

The Michell Professor:

BASIL STUART HETZEL, M.D., M.R.C.P., F.R.A.C.P. Appointed Reader, 1958; Professor, 1964.

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 Lecturers:

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

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

Half-time Senior Lecturer:

BRUCE ASHLEY HIGGINS, M.B., B.S., M.R.C.P., M.R.A.C.P. Appointed 1968.

Lecturers:

ERROL GLEN WILMHURST, M.B., B.S., M.R.A.C.P. (Temporary).

JOHN DAVID FEWINGS, M.D. (Temporary).

Clinical Lecturer:

THOMAS GORDON PAXON, M.D. (Lond.), M.R.C.P. *Pulmonary Tuberculosis*. Appointed 1960.

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:

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.

WADIM ROMAN, Dr.Phil. (Berlin), F.I.Biol. (Lond.). *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.

RICHARD HAROLD CHARLES RISCHBIETH, M.B., B.S., M.R.C.P. (Edin. and Lond.), M.R.A.C.P.

RONALD EDYVANE RUSSELL, M.B., B.S., M.R.A.C.P.

JOHN LANE WADDY, B.Sc., M.B., B.S., M.R.A.C.P.

THE UNIT REGISTRARS.

At The Queen Elizabeth Hospital:

BRUCE ASHLEY HIGGINS, M.B., B.S., M.R.C.P., M.R.A.C.P.

ARTHUR JOHN WATSON, M.B., B.S., M.R.C.P. (Edin.), 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.), F.R.A.C.P. Appointed 1966.

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.). *Clinical Psychology*. Appointed 1964.
TONY MORETON, M.A., M.B., B.Chir. (Camb.), D.P.M. (Leeds). *Psychological
Medicine*. Appointed 1966.

Clinical Tutors:

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

OBSTETRICS AND GYNAECOLOGY**Professor:**

LLOYD 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.

Readers:

LESLIE OSWYN SHERIDAN POIVEDIN, M.B., B.S. (Syd.), M.D., M.S., M.R.C.O.G.,
Appointed 1952.
RONALD IAN COX, Ph.D. (Edin.). *Endocrinology*. Appointed 1962.

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.

Half-time Senior Lecturer:

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

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.
PETER WILLIAM HOOFMANN, M.B., B.S., M.R.C.O.G.
BRENTON GRAHAM MOLLISON, M.B., B.S., M.R.C.O.G.
HARVEY STEWART RADDEN, 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.

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.

Senior Lecturer:

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

Lecturers:

LUDOMYR JOHN MYKYTA, M.B., B.S. (Temporary).
MARK LLOYD STRATTON SADDLER, M.B., B.S. (Temporary).
CHRISTOPHER ROBERT CHARLES WYNDHAM, 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:**

RICHARD POMFRET JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S (Eng.), F.R.A.C.S. Appointed 1958.

Reader:

LOUIS JONAH OPIT, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. Appointed Part-time Senior Lecturer, 1959; Senior Lecturer, 1960; Reader, 1964.

Senior Lecturers:

JAMES DUNBAR HARRIS, M.B., B.S., F.R.C.S., F.R.A.C.S. Appointed 1962.
JOHN STEWART CHARNOCK, Ph.D. *Biochemistry*. Appointed 1964.

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.

Lecturer:

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

Part-time Lecturer:

JUSTIN HERBERT MILLER, M.B., B.S., F.R.C.S. Appointed 1966.

Teaching Registrars:

DESMOND CHARLES HOFFMANN, M.B., B.S. (Royal Adelaide Hospital).
OSWALD MARINO PETRUCCO, M.B., B.S. (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.
REX GROSE PLUMMER, M.B., B.S., F.R.A.C.S. *Diseases of the Ear, Nose and Throat*. Appointed 1968.
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.B., B.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.
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.
RICHARD TAUNTON SOUTHWOOD, M.B., B.S., F.R.C.S.
JOHN FRANCIS ANTHONY WALSH, M.B., B.S., F.R.C.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.).
ROSS GORDON JOHNSON, M.B., B.S., F.R.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*.
SINCLAIR JOSEPH SMITH, M.B., B.S., F.R.C.S. (Eng. and Edin.).
RODNEY GORDON WHITE, M.B., B.S. *Orthopaedic Surgery*.

At the Adelaide Children's Hospital:

JOSEPH PATRICK SAVAGE, M.B., B.S. *Surgical Paediatrics*.

Part-time Assistant to the Professor:

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

Senior Research Fellow:

PETER READ KNIGHT, M.S. (Birm.), F.R.C.S. Appointed 1964.

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.
- Senior Lecturer: HAROLD FAIRHURST. Appointed Lecturer, 1953; Senior Lecturer, 1968.
- 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.
- Tutor: DAVID EDWARD RUMSEY, D.S.C.M., Reifepr. (Vienna).
- Senior Research Fellow:
ANDREW DALGARNO MCCREDIE, M.A. (Syd.), Ph.D. (Hamburg). Appointed 1965.
- Research Fellow:
CATHERINE JOAN ELLIS, B.Mus. (Melb.), Ph.D. (Glas.) (Australian Research
Grants Committee). Appointed 1967.

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.
HAROLD FAIRHURST.
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.
- Trumpet:
GEORGE STANDISH ROBERTS.
- Percussion:
RICHARD SMITH.

Orchestra and Chamber Music:

DAVID CUBBIN.
 LLOYD DAVIES.
 HAROLD FAIRHURST.
 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.*

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.

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.

DENIS JOHN GLENCROSS, M.Ed. (W. Aust.). Appointed 1963.

JOHN MONCRIEFF, M.P.Ed. (Br. Col.), Ed.D. (Calif.). Appointed 1964.

Demonstrator:

KATHARINE LOUISE OBST, Dip.Phys.Ed. (Dunfermline).

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

MARIE JOAN HAMMOND, A.U.A., T.M.M.G., 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.G., 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:

CHRISTINE ROBERTA BINNS, A.U.A.

SUZANNE FRANCES BURNELL, M.C.S.P. (Lond.).

SUSAN LYNDISAY CHARLTON, A.U.A.

ADRIENNE McCARTHY, A.U.A.

GEOFFREY DOUGLAS MAITLAND, A.U.A.

JANET MARY MARTIN, A.U.A.

MARGARET BROWN HALLEY MERNITZ, A.U.A.

NORMAN ANDREW PEART, A.U.A.

MAXWELL CLEMENS PFITZNER, A.U.A.

ROSEMARY ALISANNE RUSSELL, 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:

HEW HOE PHENG, B.Sc.
ELIZABETH WARDLE, B.Sc.

BOTANY

Professor:

RUTHERFORD NESS ROBERTSON, 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.

Lecturers:

JOSEPH TONY WISKICH, Ph.D. (Syd.). Appointed 1964.
FRANK ANDREW SMITH, Ph.D. (Camb.). Appointed 1967.
ELISE MARGARETTA WOLLASTON, Ph.D. Appointed 1967.

Honorary Lecturer:

HANSJOERG EICHLER, Dr. rer. nat. (Halle-Wittenberg). Appointed 1965.

Senior Demonstrator:

ESTELLE ANNE MITCHELL, M.Sc.

Demonstrators:

PETER HAMILTON SMITH, B.Sc. (N.Z.).
ALAN BAILEY, B.Sc. (Liv.).
RODERICK WESTGARTH ROGERS, B.Sc.
RODNEY DEAN GRAETZ, 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.

Engineer:

ROBERT JAMES POTTER, B.E.

Officer in Charge of Punch Card Equipment:

DONALD WILLIAM SIMMONS, D.F.C., B.A., B.Ec., A.U.A. (Pub. Admin.). Ap-
pointed in Registrar's Department, 1955; transferred, 1961.

ECONOMIC GEOLOGY

Professor:

ERIC AROHA RUDD, A.M. (Harv.) B.Sc. Appointed 1949.

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.

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.DAVID LINDSAY HAYMAN, Ph.D. Appointed Lecturer, 1959; Senior Lecturer,
1963.

Lecturer:

BRONTE WINSTON GABB, B.Sc., B.Med.Sc., M.B., B.S. (Temporary).

Senior Demonstrator:

JUDITH ANNE WINSTANLEY LEVY, M.Sc. (On Leave).

Demonstrators:

CAROLYN RUBY LEACH, B.Sc.

OLIVER MAYO, 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 GLAESSNER, 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 Lec-
turer, 1950; Reader, 1968.

Senior Lecturers:

ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lec-
turer, 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.

Lecturers:

ROBERT WILLIAM NESBITT, Ph.D. (Durh.) Appointed 1961.

TIMOTHY PAUL HOPWOOD, Ph.D. (Syd.). Appointed 1968.

Senior Demonstrators:

ELIZABETH MAUD McBRIAR, B.Sc. (Melb.), M.Sc.

MARY JULIA WADE, Ph.D.

Demonstrators:

ERIC HOBSON, M.Sc. (Brist.).

ALAN CHARLES MOORE, M.Sc. (Rhodes).

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.

Senior Lecturers:

MAURICE LAURENCE MASHFORD, M.B., B.S. (Syd.), M.R.A.C.P. Appointed
1964.

ROSS NOEL SPEDEN, M.Sc. (N.Z.), D.Phil. (Oxford). Appointed 1964.

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).
 JOHN ALFRED WALSH, M.B., B.S. (Temporary).
 RODNEY CHARLES HALL, M.Sc., M.B., Ch.B. (Birm.) (Temporary).

Senior Demonstrator:

BARBARA JOAN DENNIS, Ph.D.

Demonstrators:

ALLAN HUGO BRETAG, B.Sc.
 VICTORIA ANNE ARCHER, B.Sc. (Edin.).

MATHEMATICAL PHYSICS**Professor and Head of the Department:**

HERBERT SYDNEY GREEN, D.Sc. (Edin.), F.A.A. Appointed 1951.

Professor:

CHARLES ANGAS HURST, B.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed Senior Lecturer, 1957; Reader, 1960; Professor, 1964.

Reader:

PATRICK WILLIAM SEYMOUR, Ph.D. (A.N.U.), C.G.I.A. Appointed Senior Lecturer, 1963; Reader, 1967.

Lecturers:

LINDSAY RICHARD DODD, Ph.D. Appointed 1968.
 HARVEY ALAN COHEN, B.Sc. (Syd.), Ph.D. (A.N.U.). (Temporary).

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

RENFREY BURNARD POTTS, D.Phil., D.Sc. (Oxford), B.Sc. Appointed 1959.

Professors:

ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.), F.A.A., *Elder Professor*. Appointed 1959.
 JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959; Reader, 1965; Professor, 1967.

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.
 RUDOLF VYBORNY, R.N.Dr. (Prague). Appointed 1965.
 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:

JOHN STEPHENSON, Ph.D. (Lond.). Appointed 1965.
 LEWIS LOW, M.Sc. (Syd.). Appointed 1966.
 FRANZ JOHANN MARIA SALZBORN, Drs. (Utrecht). Appointed 1966.
 JAROSLAV KAUTSKY, M.Sc. (Prague), Ph.D. (Czech. Acad. Sc.). Appointed 1966.
 JAGGANATH 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.

Senior Tutor:

MARTA SVED, M.Sc.

Tutors:

RICHARD JOHN GREENFIELD, B.Sc.
 RONDA MAY POTTER, B.Sc.
 LEON MELVYN SIMON, 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.

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.), F.P.S. Appointed 1968.

Lecturer:

IEVA AUZINS, Ph.D. Appointed 1965.

Part-time Lecturers:**At the Adelaide Children's Hospital:**

ROBIN GAVINE COOPER, M.B., F.S. (Q'ld.), M.C.P.A. Appointed 1965.

At the Institute of Medical and Veterinary Science:

KEVIN FRANCIS ANDERSON, M.D. (Lond.), M.R.A.C.P., M.C.P.A. Appointed 1965.

Research Fellow:

KEVEN JAMES TURNER, Ph.D. (National Health and Medical Research Council Grant). Appointed under United States Public Health Service Grant 1961; transferred 1965.

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.

Lecturers:

ROLF HERMAN PRAGER, Ph.D. (Syd.), D.I.C. (Lond.). Appointed 1964.

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.

Demonstrators:

JOHN WAYNE FISHER, B.Sc.

ROBERT WILLIAM GUY, Ph.D.

Queen Elizabeth II Fellow:

PHILIP EDGAR BROWN, D.Phil. (Oxford). Appointed 1966.

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., B.Sc., Dip.Ed. 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.

MARIANNE ODLYHA, 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. (City Coll. of N.Y.), M.S. (Stanford). Appointed 1967.

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

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

CARL SIGURD NILSSON, Ph.D. Appointed 1968.

Senior Demonstrator:

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

Demonstrators:

KAREL BARTUSEK, B.Sc.
 ALAN CHARLTON BASTIAN, B.Sc. (W. Aust.).
 GRANT GARTRELL, B.Sc.
 BRYAN ROBERT WALTER, B.Sc.

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. (Prin.), 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.

Lecturer:

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

Tutor:

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

Statistical Consultant:

MARGARET GILLIAN VAUGHTON, B.Sc.

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 1968.

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.

Lecturers:

MICHAEL EWERS BAYNE SMYTH, D.Phil. (Oxford), B.Sc. Appointed 1965.
 THOMAS CHARLES RAYMOND WHITE, B.Sc. (N.Z.), B.Sc. (For.) (Edin.), Ph.D. Appointed 1966.
 MARGARET ALISON BAILEY, B.Sc. (Birm.) (Temporary).

Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

Demonstrators:

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Cyto-Pathologist:

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

Assistant Pathologists:

SATYENDRANATH KASHINATH NAYAK, M.B., B.S. (Bombay), D.M.J., D.Path.
 Appointed 1965.
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 1945; Vice Chancellor, 1945-1948.
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 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A., 1945-59.
 ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B., 1960.

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 1958-1959.
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 1962-1963.
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 PROFESSOR FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (Lond.), 1966-1967.

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 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).

English Language and Literature and Mental and Moral Philosophy:

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 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 RISCHBIETH 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.

Political Science and History:

GARNET VERE PORTUS, M.A., B.Litt. (Oxford), 1934-1950 (Emeritus, 1951).

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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 KARMEL, B.A. (Melb.), Ph.D. (Camb.), 1950-1965.
 HAROLD FRENCH LYDALL, B.A. (S.A.), M.A. (Oxford), 1962-1967.

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 LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A., 1949-1959 (Emeritus, 1960).

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Mining, Metallurgical and Chemical Engineering:

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 RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-57.
 NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (Lond.), 1958-1961.

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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.

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 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.

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.

Genetics:

DAVID GUTHRIE CATCHESIDE, M.A. (Camb.), D.Sc. (Lond.), F.R.S., 1952-1955.

Dental Science:

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Education:

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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.

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WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S.

Gynaecology:

JAMES ALEXANDER GREER HAMILTON, B.A., M.B.

Obstetrics:

ALFRED AUSTIN LONDON, 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.*

W. A. DIBDEN, D.P.M. (Melb.), M.B., B.S. *Psychiatry.*

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.*

R. M. TIPPING, D.D.M. (Syd.), M.B., B.S. *Dermatology.*

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.*

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:

R. C. ANGOVE, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.
 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.
 H. R. GILMORE, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.
 W. M. IRWIN, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.
 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.
 C. B. SANGSTER, O.B.E., M.D., F.R.C.P. (Lond.), F.R.A.C.P.
 R. F. WEST, M.D., F.R.C.P. (Lond.), F.R.A.C.P.
 J. V. GORDON, M.D., M.R.C.P. (Lond.), F.R.A.C.P. *Neurology.*
 J. M. McPHIE, M.D., F.R.A.C.P. *Cardiology.*

Clinical Instructors:

J. H. BEARE, M.B., B.S., M.R.C.P. (Lond. & Edin.), M.R.A.C.P.
 M. W. BEGG, M.B., B.S., M.R.A.C.P.
 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.
 J. R. LAWRENCE, 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.*
 G. F. DONALD, D.D.M. (Syd.), M.D. *Dermatology.*
 R. MUNRO FORD, M.D., F.A.C.C.P. *Allergy.*
 P. S. HETZEL, M.Sc. (Med.) (Minn.), M.D., M.R.C.P., M.R.A.C.P. *Cardiology.*
 G. A. HUNTER, M.B., B.S., M.R.C.P. (Lond.), M.R.A.C.P. *Dermatology.*
 A. KERR GRANT, M.B., B.S., M.R.A.C.P. *Gastro-Enterology.*
 H. W. LINN, D.D.M. (Syd.), M.D. *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:

M. J. R. DREW, M.B., B.S.
 R. W. BEAL, M.B., B.S. (Syd.). *Transfusions.*
 A. W. BURNELL, M.B., B.S., D.Phys.Med. (R.C.P. & S.). *Physical Medicine.*
 J. M. DWYER, O.B.E., E.D., M.B., B.S., M.C.P.A. *Venereal Disease.*
 L. J. RICE, M.B., B.S., M.R.C.O.G. *Venereal Disease.*
 A. C. SAVAGE, M.B., B.S. *Tuberculosis.*

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 Tutor:

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*.
 F. E. WELCH, L.M. (Rotunda), D.G.O. (Trinity), M.B., B.S., D.R.C.O.G. *Obstetrics*.

Clinical Instructors:

- V. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G. *Obstetrics*.
 R. A. KENIHAN, M.B., B.S., M.R.C.O.G. *Obstetrics*.
 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*.
 J. S. SKIPPER, M.B., B.S., M.R.C.O.G. *Gynaecology*.
 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.
 A. G. CAMPBELL, D.S.O., V.R.D., M.B., M.S., F.R.C.S. (Eng.), F.R.A.C.S.
 R. HUNTER, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 W. W. JOLLY, M.B., M.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), 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.
 L. J. T. PELLEW, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.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.
 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*.
 T. A. R. DINNING, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Neurosurgery*.
 J. P. MADDERN, M.B., M.S., F.R.C.S. (Eng.), F.R.A.C.S. *Urology*.
 H. D'A. SUTHERLAND, M.B., M.S., F.R.C.S. (Eng.), F.R.A.C.S. *Thoracic Surgery*.

Clinical Instructors:

- D. D. BEARD, M.B., B.S., F.R.C.S. (Eng. & Edin.), F.R.A.C.S.
 R. BRITTEN JONES, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 R. E. DUNSTAN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 L. L. HOARE, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 K. P. McKENNA, M.B., B.S., F.R.A.C.S.
 J. A. O'BRIEN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 C. G. PAULL, M.B., B.S., F.R.C.S., F.R.A.C.S.
 W. D. PROUDMAN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 E. A. D. RUSSELL, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 J. P. SAVAGE, M.B., B.S.
 C. G. WILSON, M.B., B.S., F.R.C.S. (Eng. & Edin.), F.R.A.C.S.
 J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.F.A.R.A.C.S. *Anaesthetics*.
 J. H. BROWN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Thoracic Surgery*.
 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.*
 B. L. CORNISH, M.B., B.S., F.R.C.S. (Edin. & Eng.), F.R.A.C.S. *Orthopaedics*.
 F. A. DIBDEN, D.T.R. (Melb.), M.B., B.S., M.C.R.A. *Radiotherapy*.
 R. E. GRISTWOOD, M.B., Ch.B. (Edin.), F.R.C.S. (Edin.), F.R.A.C.S. *E.N.T.*
 H. A. HANDLEY, D.O. (Syd.), M.B., B.S. *Ophthalmology*.
 P. G. JAY, M.B., B.S., D.L.O. (R.C.P. & S.), F.R.A.C.S. *E.N.T.*
 G. A. JOSE, M.Ch.Orth. (Liv.), M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S. *Orthopaedics*.

HONORARY CLINICAL TEACHERS

- K. T. JONES, M.B., B.S., F.R.C.S. (Eng.). *E.N.T.*
 J. D. LISTER, D.O. (Syd.), M.B., B.S. *Ophthalmology.*
 M. G. MACUIRE, M.B., B.S., F.R.C.S., F.R.A.C.S. *Orthopaedics.*
 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.*
 D. N. ROBINSON, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. *Plastic Surgery.*
 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. SLADE, M.B., B.S., D.O. (R.C.P. & S.). *Ophthalmology.*
 J. H. STACE, M.B., B.S., D.A., F.F.A.R.A.C.S. *Anaesthetics.*
 D. O. TONKIN, M.B., B.S., D.O. (R.C.P. & S.). *Ophthalmology.*
 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.*
-

REPRESENTATIVES OF THE UNIVERSITY

- On the Council of the Institute of Medical and Veterinary Science:
ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S.
PROFESSOR JAMES STRUAN ROBERTSON, M.B., B.S., D.Phil., F.R.A.C.P.,
M.C.P.A.
- On the Medical Board of South Australia:
ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S.
- On the Advisory Committee of the University Council and of the Royal Adelaide
Hospital Board:
PROFESSOR RICHARD POMFRET JEPSON, B.Sc., M.B., Ch.B., F.R.C.S.
JAMES ALEXANDER CRAN, D.D.Sc.
KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P.
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PROFESSOR LLOYD WOODROW COX, M.B., Ch.B., F.R.C.S., F.R.A.C.S., F.R.C.O.G.
- On the Advisory Board of the Queen Victoria Maternity Hospital:
PROFESSOR LLOYD WOODROW COX, M.B., Ch.B., F.R.C.S., F.R.A.C.S.,
F.R.C.O.G.
ANNIE WINIFRED WALL, M.B., B.S., F.F.A.R.A.C.S.
- On the Australian Advisory Council on Bibliographical Services:
IRA DOLEY RAYMOND, M.A., M.S.
- On the Soldiers' Children Education Board:
HENRY ELLIOTT WESLEY SMITH, B.A., B.Ed., Dip.Ed.
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PROFESSOR ERIC STEPHEN BARNES, B.A., Ph.D., F.A.A.
PROFESSOR THEODORE GEORGE BENTLEY OSBORN, D.Sc.
- 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 BASIL STUART HETZEL, M.D., M.R.C.P., F.R.A.C.P.
- On the Fauna and Flora Board:
PROFESSOR RUTHERFORD NESS ROBERTSON, D.Sc., Ph.D., F.R.S., F.A.A.
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- On the Dental Board of South Australia:
MURRAY JAMES BARRETT, M.D.S., F.A.C.D.S.
- On the Ridley Memorial Trust:
JAMES MELVILLE, 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.
JAMES MELVILLE, M.Sc., Ph.D.
- 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.
- On the Advisory Committee for Educational Television Services:
PROFESSOR L. F. NEAL, B.A., Dip.Ed.
PROFESSOR R. N. ROBERTSON, D.Sc., Ph.D., F.R.S., F.A.A.
- On the Council of Kathleen Lumley College:
THE HONOURABLE JUSTICE ROMA FLINDERS MITCHELL, LL.B.
PROFESSOR RUTHERFORD NESS ROBERTSON, D.Sc., Ph.D., F.R.S., F.A.A.

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 }
1884-9: Private Subscriptions—£1,150 } in support of a chair in Music.
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 }
1916: Public Subscriptions—£325 } to found a lectureship in Ophthalmic Surgery
1888-9: Sir Thomas Elder—£1,000 } 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.
- 1908: 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: Mrs. R. F. Mortlock—£5,037 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.
- 1950-66: From the estate of the late W. H. Sandland—\$45,383 for the purposes of the Waite Agricultural Research Institute.
- 1950-66: W. D. Grigg—\$47,473 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 Gollin—£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—£3,400 to endow a prize in Anatomy.
- 1963-65: Private subscriptions—\$2,713 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: 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: Mrs. A. E. Lawrence—\$62,550 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.

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.
 1958-67: An anonymous benefactor—\$275,000 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. Cobby—£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.

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.

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- Holden's Ltd. -	£12,000	0	0	The Shell Co. of Australia Ltd. -	1,000	0	0
Adelaide University Union Council -	6,000	0	0	Sir Claude Gibb -	1,000	0	0
Broken Hill Pty. Ltd. Advertiser News- papers Ltd. -	5,000	0	0	Vacuum Oil Co. Pty. Ltd. - - - -	1,000	0	0
Mrs. J. Alwyn Mudge Elder, Smith & Co. Ltd. - - - -	5,000	0	0	Commonwealth Bank of Australia - -	1,000	0	0
The Broken Hill As- sociated Smelters Pty. Ltd. - - -	3,000	0	0	S. Kidman & Co. Ltd. - - - -	1,000	0	0
The United Licensed Victuallers' Asso- ciation - - -	2,500	0	0	British Tube Mills (Australia) Pty. Ltd. - - - -	1,000	0	0
S.A. Associated Brewers - - -	2,500	0	0	Chrysler Australia Ltd. - - - -	1,000	0	0
Imperial Chemical Industries of Aus- tralia and New Zealand Ltd. -	2,000	0	0	H. V. McKay Charit- able Trust - - -	1,000	0	0
Mrs. George Tarlton Wills - - - -	2,000	0	0	The Federal Viticul- tural Council -	1,000	0	0
Members of the Staff of the University of Adelaide - -	1,860	0	0	Ford Motor Co. of Australia - - -	1,000	0	0
Mr. K. A. Wills - -	1,105	0	0	National Bank of Australasia Ltd. -	1,000	0	0
Australia and New Zealand Bank Ltd.	1,100	0	0	Electrolytic Zinc Co. of Australasia Ltd.	1,000	0	0
				Bank of Adelaide -	1,000	0	0
					67,065	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	
Gifts in 1939	- - £3,350 0 0	Mayor's Appeal for	
Gifts in 1948	- - £221 0 0	Cancer in 1950	£102,794 0 0
Gifts in 1949	- - £1,458 0 0	Public Appeal in 1962	\$209,382
		Gifts in 1951-66	\$33,220

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL
OF ARCHITECTURE, 1955-61

Architects Board of		S.A. Institute of Archi-	
S.A.	- - - - £1,750 0 0	itects	- - - - - 1,000 0 0
Woods, Bagot, Lay-			7,000 0 0
bourne-Smith and			
Irwin	- - - - - 1,250 0 0	Other donations of vary-	
F. Kenneth Milne,		ing amounts under	
Dawkins, Boehm and		£1,000	- - - - £15,056 12 0
Ellis	- - - - - 1,000 0 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 Asso-		Other gifts, totalling	- 5,956 11 4
ciated Brewers	- £3,000 0 0	Total donations as at	
Advertiser Newspapers		31/12/63	- - £11,206 11 4
Ltd.	- - - - - 1,250 0 0		

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-Hold-			
en'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		
	£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
	£7,099 12 5
<i>Aquinas</i>	
Adelaide Development	
Co. Ltd.	- - - - - 2,500 0 0
	£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
	£7,820 10 6
Total	£46,472 4 0

STATUTES

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- 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.
- XLIV. Of the Animal Products Research Foundation.
- XLV. Of the Barr Smith Library.
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- XLVII. Of the Elizabeth Jackson Library.
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- 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.
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- LXXI. Of the Anders and Reimers Scholarships.
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- LXXVI. Of the Gavin David Young Lectures in Philosophy.
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- 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.

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.

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.

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.

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.

Chapter VII.—Of the Seal of the University.

1. The Chancellor, the Vice-Chancellor and the Chairman of the Finance Committee shall be the custodians of the University Seal.

2. In the case of certificates for degrees and diplomas the Seal may be affixed in the presence of, and the affixing may be attested by, the Chancellor or the Vice-Chancellor alone.

*3. In all other cases the Seal shall be affixed to documents only by direction 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 the custodian in whose presence it was affixed and of the officer who affixed it.

° Allowed 25th August, 1955.

Allowed 22nd January, 1953.

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 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 17th December, 1959.

†† Allowed 22nd December, 1966.

° Allowed 17th January, 1952.

† 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.

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.

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.†

* Amended 21st December, 1967.

† Japanese has been so approved for 1968.

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;
- (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

* Amended 21st December, 1967.

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.

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 sections (c) and (d) 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

†Amended 28th January, 1965, and 21st December, 1967.

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 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.

* Amended 21st December, 1967.

NOTES (WHICH DO NOT FORM PART OF THE STATUTE).

1. *The qualification EgQ*: An EgQ will be awarded to a candidate who, having otherwise fulfilled the educational requirements for matriculation, has satisfied the examiners in English of his ability to use the English language as an instrument of expression. In deciding whether a candidate qualifies for EgQ, the examiners may 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 are advised not to choose Geography as their *sole* subject from Group B.
3. *Grades of pass and failure*: Results in individual subjects at the Matriculation Examination will be classified in seven grades, the norm for the classifications being as follows on a minimum pass-line of 50%:
 - A = 75% and over
 - B = 65% - 74%
 - C = 55% - 64%
 - D = 50% - 54%
 - E = 45% - 49%
 - F = 35% - 44%
 - G = 34% and below.
4. The examination in Classical Studies will be held for the first time at the end of 1969.

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

* Allowed 12th December, 1963.

† Amended 28th January, 1965.

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 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.

‡ Amended 28th January, 1965 and 16th December, 1965.

† Allowed 16 March, 1961.

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 and Senior Lecturers in those Departments who are engaged in the teaching of medical students; the Reader in Medicine and the Humanities; 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.

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

* Allowed 4th October, 1962, and amended 12th December, 1963.

† NOTE: From January 1, 1963, the Department of Mining, Metallurgical and Chemical Engineering was converted into a Department of Chemical Engineering.

‡ Amended 4th November, 1965.

† Amended 28th January, 1965 and 21st December, 1967.

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.

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 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

* Amended 28th July, 1959.

† In 1959 the name of the Department was changed from Bacteriology to Microbiology.

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 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

* Amended 21st December, 1967.

** Allowed 12th December, 1963.

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.

† Allowed 4th April, 1963.

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.

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.

†1A. The fee for admission to any degree of Bachelor, whether Ordinary or Honours, shall be twenty dollars provided that that fee shall cover both degrees of Bachelor of Medicine and Bachelor of Surgery.

*2. Admission *ad eundem gradum* in the University may, at the discretion of the Council, be granted without examination to

* Allowed 8th December, 1938. † Allowed 17th January, 1952; amended 21st December, 1967.

graduates of such Universities within the British Empire as the Council may from time to time approve. Such admission may also be granted to graduates of other Universities, provided that such graduates are, in the opinion of the Council, persons of distinguished merit or eminence, or have been appointed to any academic office in the University of Adelaide. Provided always that any applicant under this Statute shall give such evidence of his degree and his character as shall satisfy the Council.

3. Every candidate for admission to a Degree in the University shall be presented by the Dean of his Faculty at a meeting of the Council and Senate to be held at such time as the Council shall determine; but if the Council so approve any candidate may be admitted either *in absentia* or on attendance at a meeting of the Council only.

*4. Any person who has completed the whole or part of his undergraduate course in a University or College recognised by the University of Adelaide may, with the permission of the Council, be admitted *ad eundem statum* in the University of Adelaide; provided that he shall give such evidence of his status and of his character as shall satisfy the Council.

†5. A candidate admitted to a degree *ad eundem gradum* shall pay a fee of twenty dollars and a person admitted *ad eundem statum* under clause 4 of this Statute shall pay a fee of ten dollars.

6. The following shall be the forms of Presentation for Admission to Degrees at the Annual Commemoration:

Form of Presentation for Students of the University of Adelaide.
Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council
and Senate of the University of Adelaide.

I present to you _____ as a fit and proper person to be admitted to the Degree of _____. And I certify to you and to the whole University that he has fulfilled the conditions prescribed for admission to that Degree.

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 the University of Adelaide.

Allowed 2nd December, 1926.

* Allowed 8th December, 1938.

† Allowed 21st December, 1967.

Chapter XII.—Of the Board of Discipline.

*1. There shall be a Board of Discipline, consisting of the Chancellor, 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 following:

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);

(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.

* Amended 22nd January, 1953, 28th January, 1965, and 21st December, 1967.

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.

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

‡ Allowed 23rd January, 1947.

‡ Allowed 6th December, 1922, and amended 15th December, 1937.

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.

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

* Allowed 25th August, 1955.

† Allowed 22nd December, 1966.

‡ Allowed 30th November, 1933.

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.

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.

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 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

* Allowed 3rd January, 1935.

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

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.

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.

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.

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).
 - (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).

* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

§ Allowed 4th October, 1962.

** Allowed 16th December, 1965.

†† Amended 16th December, 1965.

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.

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 countersignature 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.

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.

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.

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 fee on signing the Students' Roll as is required of a matriculated student;
- (c) pay the same tuition and general service fees as a Matriculated Student enrolling for the same subjects of study; and
- (d) 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;
- (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 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.

† Allowed 11th November, 1954.

‡ Allowed 16th March, 1961.

* Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959.

(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.

†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.

‡ 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.

† Allowed 28th July, 1959.

(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 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.

§ Allowed 12th August, 1915.

†† Allowed 28th July, 1959.

‡‡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, 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.

‡‡ 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.)

*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.

* Allowed 4th April, 1963.

Allowed 27th December, 1899.

** Allowed 14th December, 1950, and amended 4th April, 1963.

† Repealed 21st December, 1967.

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.

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.

* Amended 8th December, 1949, 22nd January, 1953, 20th December, 1956, and 12th December, 1963.

† Amendment allowed 22nd December, 1955.

**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.

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

*Allowed 22nd January, 1953.

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.

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.

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.

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.

* Allowed 28th January, 1965.

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.

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.

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 XXXV.—Of The Bunday Prize for English Verse.

Whereas Ellen Milne Bunday has paid to the University the sum of £200 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:

Now it is hereby provided as follows:—

*A prize to the value of ten pounds (£20), called The Bunday Prize for English Verse, shall be awarded in April of each year to the person who, in the opinion of the Professors of English Language and Literature and of Classics and such other examiners as the Faculty may appoint, shall have written the best poem or poems, under conditions prescribed by the Faculty of Arts in June of each year; provided that, if the examiners shall not consider any candidate worthy to receive the prize, it shall lapse for that year.

†The competition for the prize is open to graduates and undergraduates of the University of Adelaide, provided they have entered on their studies at the University not more than six years prior to the date fixed for sending in poems.

Each poem must be accompanied with the name of the author in full and be delivered at the office of the Registrar of the University not later than the 31st of March. The prize shall be received by the successful candidate on 1st of June following.

The prize shall not be awarded twice to the same candidate.

‡Copies of all poems presented shall be retained, and a copy of the successful poem shall be deposited in the Library.

This Statute may be varied from time to time, but the title and purpose of the prize shall not be changed.

* Allowed 6th December, 1923, and amended 15th December, 1937.

‡ Amended 28th January, 1965.

† Allowed 9th August, 1922.

Allowed 7th August, 1913.

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.

††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 January, 1953

* Allowed 3rd January, 1929.

†† Allowed 22nd December, 1966.

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.

†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,

• Allowed 30th November, 1933, and amended 10th December, 1936.

†† Allowed 25th August, 1955. † Allowed 18th October, 1956.

•• Allowed 10th December, 1925. † Allowed 16th December, 1948.

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 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.

**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

* Allowed 10th December, 1919, and amended 18th October, 1956.

** Allowed 30th November, 1933. † Allowed 16th December, 1948.

‡‡ Allowed 25th August, 1955.

Conservatorium of outstanding merit. In the case of the lapse of the scholarship for violin, the exhibitor, if any, shall be a student in string playing; in the case of the lapse of the other scholarship, the exhibitor, 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 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.

Chapter XLIV.—Of the Animal Products Research Foundation.

Whereas the sum of seven thousand pounds has been subscribed and paid to the University for the purpose of promoting research on the growth and nutrition of man and animals:

It is hereby provided that —

1. The University shall provide an annual income of five hundred pounds in respect of the said endowment of seven thousand pounds and also five per centum per annum on any future additions to the capital sum.

2. The income in each year shall be available for the purposes of the Foundation. 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.

3. The Council shall appoint a Director of the Laboratory, and a Board of Management of which the Director shall be Chairman. The Board shall report annually on the work done under the Foundation.

4. These Statutes may be varied from time to time, but the title and the general purpose of the endowment shall not be changed during the lifetime of the original subscribers without the consent of a majority of them.

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.

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.

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.

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.

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.

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.

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. Theses shall be submitted not later than the first day of July in any year.

Allowed 8rd January, 1929.

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.

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.

* Allowed 22nd January, 1953.

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.

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.

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.

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.

Chapter LXII.—Of The Anna Florence Booth Prize.

Whereas Sydney Russell Booth has paid to the University the sum of five hundred pounds** 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.

** 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.

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.

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.

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.

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.

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.

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.

* Increased by Council to \$50 in 1964.

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.

* Allowed 25th August, 1955.

§ Increased by Council to \$50 in 1964.

†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.

*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 25th August, 1955.

† Allowed 18th October, 1956.

† Allowed 16th December, 1948.

Allowed 11th December, 1947.

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 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 25th August, 1955.

† Allowed 18th October, 1956.

§ Increased by Council to \$100 in 1964.

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

• Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

§ Increased by Council to \$35 in 1964.

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 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.

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.

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 15th January, 1959.

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 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 exami-

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

§ Increased by Council to \$50 in 1964.

nation 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.

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.

* Subsequently increased to £500.

† Allowed 25th August, 1955.

§ Increased by Council to \$50 in 1964.

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.

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.

‡ Allowed 18th October, 1956.

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

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^{*} 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

^{*} Reduced by succession duty to £4,250, and subsequently restored by capitalisation of accumulated income.

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.

Allowed 17th January, 1952.

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.

† Increased by Council to \$60 in 1964.

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).*

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.

* Allowed 18th October, 1956.

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.

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.

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.

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 at the University, before noon on the thirtieth day before the day of meeting.

† Amended by Senate, 23rd November, 1949, 28th November, 1962, and 25th November, 1964.

* Amended by the Senate, 23rd November, 1949.

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.

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.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1968

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

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.

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.

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.

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.

‡7. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect

* Allowed 2nd December, 1926

† Allowed 30th November, 1933.

‡ Allowed 10th December, 1925

§ Allowed 18th October, 1956.

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.

Awards.

For previous awards, see Calendars from 1908.

1964—

Hodge, Geraldine J. (Singing).
Yelland, Barbara A. (Violoncello).

1965—

McSkimming, David G. (Pianoforte).
Zakis, Mara L. (Violin).
Baker, Murray S. (Organ).

1967—

Tiver, Guila J. (Singing).
Laurs, Janis (Violoncello).

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 1962—

Taylor, Diana Fay (Violin).

For 1964—

Thomson, Damien B. (Violin).

For 1965—

Larsens, Gunars (Violin).

For 1967—

Seager, Janet F. (Violin).

THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

In 1947 the sisters of the late Selbourne 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.

1964—Lasscock, Janet

1966—Edmonds, Thomas J.

1965—Alderton, Shirley

1967—Neck, Anthony R.

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 1955— McDonald, Harry Roy.	For 1961— Finnis, Catherine M.
For 1957—Robjohns, Gwenyth.	For 1964— Ferwerda, John D.
For 1960— Rozelaar, Amanda M. (One-year Exhibition)	For 1966— Barrett, Robert J.

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 1964—

Mincham, Julian H.

For 1965—

Wesley Smith, Martin.

For 1966—

Edwards, Ross A.

For 1967—

Dudley, Grahame H.

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 1965—	Samels, Joy	For 1967—	Cummins, Margaret E.
For 1966—	Leak, Nina J.	For 1968—	Leak, Nina J.
	Edwards, Judith N.		

} shared

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—	Annear, Gwenyth.	For 1965—	Aunger, Meredith Mary
For 1962—	Bermingham, Jennifer A.	For 1968—	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 1966—

Roose, Joannes M. (Flute).
Barrett, Pamela R. (Oboe).
Lawry, David S. (Clarinet).
Hansford, Norman D. (French Horn).
Venning, Maurice M. (Bassoon).

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)

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 to the payment of fees. (In recent years there has been no balance available for maintenance.) The income from the Guli Magarey Fund (*vide* Rules of the Fund) is used to provide a small living allowance for the scholar.

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.

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.

1957—Stubbs, Ruth M.

1961—Hearne, Janice L.

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 post-graduate 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.

1959—Gunning, Shelley S.

1964—Cann, Melvyn R.

1962—Hearne, Janice L.

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 shall be tenable for one year and shall be awarded every alternate year subject to Clause 7. Its value shall be \$80, and shall be applied by a student of the Tenor Voice towards the payment of fees for studies in 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 \$40 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 \$80.

Awards.

1965—Cummins, Margaret E. (Exhibition)	1967—Klinberg, June M. (Exhibition)
1966—Younger, Graham J.	1968—Patterson, Dean J. (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 1962—Hodge, Geraldine J.	For 1965—Edmonds, Thomas J.
For 1963—Harrison, Powell J.	For 1966—Senior, Anne C.
For 1964—Patterson, Dean J.	For 1967—Carter, Jane E.

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.

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 1967—Kazimierczak, Bogdan.

For 1968—Hinson, Kym L.

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.

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.

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 day-to-day 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.

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 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 paid for its publication.

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 1967 more than 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 during 1966 and 1967 he addressed some 7,000 people at 70 meetings in 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 continues to be very heavy. This is one of the most successful avenues of the Committee's work.

PATIENT CARE: A Patient Care Committee was appointed in 1965. The work of this Committee began with the appointment of a Visiting Nurse, and its activities have expanded with the appointment of a part-time Medical Social Worker and a second Visiting Nurse. 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 country patients undergoing courses of radiotherapy in Adelaide. Provision is made for any patient to be accompanied by a relative.

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 104 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, Miss D. Raynes, St. Ann's College, Brougham Place, North Adelaide, or by Mr. L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, 68 Grenfell Street, Adelaide.

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. 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. M. F. Maher, S.J., M.Comm.

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.

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, 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 will be completed in August, 1968, when it is hoped to provide 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. At present 11 male postgraduate students live in renovated cottages at 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 Finnis Street, North Adelaide 5006.

AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD

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, 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, 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 all the 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 A, Commercial Law B, 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 the Institute's Preliminary examinations and both stages of the Intermediate examination to graduates of the University who hold the Bachelor of Economics degree, and who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economics II. Applications for exemption should be submitted to the State Registrar of the Institute, from whom further information may be sought.

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.
- *1966—"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 lecture shall, as soon as practicable after it has been delivered, be published by the Society in its Journal; and the Society shall make available to the University without cost, for free distribution, such reprints as may be required.

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.

1966—"Limits on the Budgeting Process," by Mr. P. E. M. Standish.

1967—"The Measurements of Working Capital Adequacy," by Mr. K. W. Lemke, M.Comm.

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 ten guineas, 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 CLASSES

These classes — consisting of Tutorial Classes and Lecture Classes — were established by the University in 1917 to provide facilities in further education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. In 1958 the administration of classes was made the responsibility of the Adult Education Board set up by the Council of the University. A tutorial class covers a three years' period of study, with 20 to 30 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to do written work prescribed by the tutor and to give an assurance of regular attendance.

Lecture classes also meet 20 times a year, but students are not obliged to do written work.

The University provides a library for students of these classes. Students pay a fee of \$6 for a class of 20 meetings, and *pro rata* for longer courses.

Syllabuses and further information about University extra-mural work may be obtained on application to the Director of Adult Education, The University, 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 was held in 1967 and that these Schools will, from 1968, be held every other year.

- *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 1968, and their times, will be found on page 1110.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships).

SCHOLARSHIPS, GRANTS, EXHIBITIONS, AND PRIZES

FACULTY OF ARTS.

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.

1964	Fisher, Denis J.		1966	Kentish, Michael
1965	Mills, Alice C.	} equal.	1967	Zanker, Graham
	Searle, Garfield J.			

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 of 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.			

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.		

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	Tregenza, John Miller
1949	Wall, Barbara Deane	1961	O'Grady, Helen P.

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.

1964	Cameron, Heather M.	1966	Field, Wendy E.
1965	Mills, Alice C.	1967	Halleday, Laraine R.

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.

1964	Lee, Michael J.	1966	Hann, Adrian
1965	Bowden, Barry S.	1967	Wells, Geoffrey A.

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.

1964	Gent, Margaret G.	1966	Tulloch, Graham J.
1965	Lee, Michael J.	1967	Cummings, Bronwyn J.

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.

1964	Parker, David H.	1966	Lee, Michael, J.
1965	Gent, Margaret G.	1967	Madelaine, Richard E. R.

The Bunday Prize for English Verse.

This prize, of the value of \$20, was founded by Miss E. Milne Bunday in memory of the late Sir Henry and Lady Bunday.

For conditions, see Statutes, Chapter XXXV.

The prize will be awarded for the best poem submitted, without restriction of subject.

Candidates who desire further details are advised to apply to the Dean of the Faculty of Arts.

Awards.

For previous awards, see Calendars from 1926.

1964	Healey, John D.	1966	No award
1965	Madelaine, Richard E. R.	1967	Twining, John W.

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.

1964	Rawson, Janine A.	1966	Hubert, Marie C. J.
1965	Blackburn, Susan	1967	Flomersfeld, Nola

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.

1964	Rawson, Janine A.	1966	Méléo, Georges
1965	Blackburn, Susan	1967	Flomersfeld, Nola

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.

1964	Della-Putta, Bice	1966	Dodsworth, Stephanie A.
1965	Rawson, Janine A.	1967	Pomroy, Andrew F. R.

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.

1964	Forrest, Anna M. H.	1966	Rawson, Janine A.
1965	Hyslop, Anthea M. I.	1967	Dodsworth, Stephanie A.

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.

1964	German I: Ruthenbeck, Anne Marie L.	} equal
	Kieslinger, Hans	
	German II: Knuepffer, Edgar G. J.	} equal
	Urban, Evelyn	
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.	

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.

1965—

Prizes:

German III: Urban, Evelyn.

Final Honours German: Szczygielski, Wladyslawa W.

Award:

Hebart, Ernst.

1966— No awards.

1967—

Prizes:

German III: Zweg, Lois B.

Final Honours German: Urban, Evelyn

Award:

Urban, Evelyn.

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.

Award.

1967 Packer, Margaret K.

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.		

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:

* \$3,888.32.

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.

(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 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)		

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.

1964	Rogers, Ronald D.	1966	Hetzel, Susan M.
1965	Disney, Julian H. P.	1967	Horne, John N.

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.

1964	Hannan, Myles B.	} equal	1966	Sutherland, Robert B.	} equal
	Rigby, Kenneth		1967	Pollnitz,	
1965	Simon, John G.		Christopher P.		
			Purins Brigita N.		

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.

1964	Cann, Melvyn R.	} equal	1966	Hawkes, Raymond
1965	Emery, Peter J.		1967	Kelly, David St. L.
			1967	Ramsey, Stephen R.

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 \$10, 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.

1964 Tilby, Penelope J.	1966 Nettlebeck, Theodore J.
1965 Taplin, Roger E.	1967 Cunningham, Kathrine M.

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, M.A.	1947 Worthley, Boyce Wilson, B.A., M.Sc.
1943 Knauerhase, Oscar Carl, B.A.	1948-67 No award.

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.

1964 Beckwith, Robert J.	1966 Sealey, Patricia E.
1965 Hood, Dianne W.	1967 Haslam, Gavin M.

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.

1964 Strachan, Helen S.	1966 Hall, Alvena B.
1965 Grosser, Carolyn M.	1967 Grosser, Janice K.

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.

1964	Searle, Glen H.	1966	Smith, Roger H.	} equal
1965	Webster, Lyndon L.		Thomson, Robyn M.	
		1967	Trueman, John C.	

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.

1964	Blackburn, Jean	1966	No award.	} equal
1965	McDonald, Elizabeth, M.A.	1967	Carey, Helen, B.A. Overell, William J., B.A.	

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.

FACULTY OF SCIENCE.

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	No award.

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.

1963	Brooks, David E.		1965	Purdie, Rosemary W.
1964	Keane, Philip J.	} equal	1966	Dry, Peter R.
	Tan Beng Huat		1967	Fricker, Anne E.

Medal.

1940	Mercer, Frank Verdun	1967	Rungie, John M., B.Sc.
1964	Nunn, Christine E.		

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.

1964	Woidt, David F.	1966	Purdie, Rosemary W.
1965	No award.	1967	Hewton, Martin P.

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.

1963	Gordon, Elizabeth M.	1966	Rungie, John M.
1965	Woidt, David F.	1967	No Award

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, Angus 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.	

The Tate Memorial Medal.

Whereas a sum of sixty pounds 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.	1967	Gray, Christopher M., B.Sc.
	Walter, Malcolm R.		

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	McKirby, David M.
	Walter, Malcolm R.		1967	Jones, Melvyn T.

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 at the discretion of the Elder Professor of Mathematics to the student who has achieved the greatest distinction in the work and examinations of the third-year courses in Mathematics. The prize shall lapse in any year in which there is no candidate of sufficient merit; and it shall not be awarded more than once to the same student.

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.		

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.	1965	Ryan, William J.
1966	Hodgeman, Daryl K. C.	1966	Gehan, Kevin
1967	Beames, David J.	1967	Brenton, Kevin J.
			Fuller, Peter G. } equal

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.

1964	Smyth, David R.	1966	No Award
1965	Grivell, Anthony R.	1967	Finnegan, David J.

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: Muirhead, Robb J., B.Sc.

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.

1963	Pemberton, Russell E.	1966	Baldo, Brian A.
1965	Goh Hee Boon,	1967	Langman, Rodney E.

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.

1965—	Physics I: Haselgrove, Maxwell K.	} equal
	Physics II: Linden, Paul F. O'Brien, Richard S.	
	Physics III H: Lewis, Brenton R.	
	Physics IV: Colman, Peter M.	

1966—

Physics I: Cooper, Dale F. }
 Nagorcka, Barry N. } equal

Physics II: Wray, Stephen D.

Physics III H: Gardner, James L. }
 Urch, Ian H. } equal

Physics IV: Lewis, Brenton R.

1967—

Physics I: Burrow, John L. }
 Dudko, Alexander }
 Padbury, Peter W. } equal
 Posaner, Franz M. }
 Robertson, James G. }
 Williams, Emlyn R. }

Physics II: O'Brien, Denis M.

Physics III H: Frederiksen, Jorgen S. }
 Read, Jeffrey M. } equal

Physics IV: Urch, Ian H., B.Sc.

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.

1964	Blagrove, Robert J. } Casey, Brian A. }	equal	1966	Chaplin, Rodney P. } Hodgeman, Daryl } K. C., B.Sc. }	equal
1965	Jackson, Mervyn B. } Walji, Ahmed } Hassanali }	equal	1967	Cameron, Daryl K., } B.Sc. } Klose, Thomas R., } B.Sc. }	equal

FACULTY OF AGRICULTURAL SCIENCE.**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.

1963	Haas, Christine P.	} equal	1965	No award
	Wauchope, Mary R.		1966	Atchison, Bentley A.
1964	Dube, Alan J.		1967	Saunders, David A.

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.

1962	Richardson, Noel L.	1965	Grivell, Anthony R.
1963	Nancarrow, Colin D.	1966	England, Peter J.
1964	Thomas, Geoffrey N.	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

1966:—

Biochemistry: Milne, Peter R.

Agricultural Biochemistry: Grivell, Anthony R.

1967:—

Biochemistry: May, John T.

Agricultural Biochemistry: No Award

1968:—

Biochemistry: Appels, Rudolf } equal
Tolstoshev, Paul }

Agricultural Biochemistry: Faull, Kym F.

FACULTY OF ENGINEERING.

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.	

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 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.	} equal
		Owens, Lewis W.	
		(for Strength of Materials)	

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 in Civil Engineering II; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

For previous awards, see Calendars from 1962.

1964	Tozer, Barry A.	1966	Foley, Shane P.
1965	Lim Thuan Kee	1967	Ginos, Zisis

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 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.

1964	Doherty, Lindsay E.	1966	Russell, Peter C.
1965	Mathew, Peter W.	1967	Hayford, John R.

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:

1967 Hardy, Michael P.

Senior Prize:

1967 Ginos, Zisis

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 annual examination in Hydraulics A, provided that the prize shall not be awarded if there is no candidate of sufficient merit.

Awards.

1964 Lim Thuan Khee

1965 Foley, Shane P.

Killick, James C.

1966

1967

equal

Sutton, John M.

Fraser, Robert A.

Roberts, Rhys A.

} equal

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.

1964	Johnstone, David I.	1966	Fox, Allan D.
1965	No Award	1967	McCarthy, Michael A.

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.

1964	Lange, Volker W.	1966	Hopkirk, Geoffrey G.
1965	Bullock, Frederick G.	1967	Bleys, Cyriacus A. } equal
			Krbavac, Lucio P. }

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.

1964	No award		1966	Colebatch, Phillip M.	} equal
1965	Lange, Volker W.)	} equal	1967	Olesnicky, Roman	
	Whitrow, John L.)			M. E.	
			1967	Payne, Robert L.	

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.

1964	Barter, Christopher J.	1966	Bereznai, George T.
1965	Lees, Maxwell L.	1967	Stanley, Ian H.

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.

1964	Devitt, Brian J.	1966	Schapel, Jeffrey G.
1965	Akhtar, Muhammad Y.	1967	Colebatch, Phillip M., B.Sc.

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.

1964	Zimmerman, Werner	1966	Ramsey, Douglas P.
1965	Brewster, James W.	1967	Bartlett, John P., B.Sc.

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.

1964	Robert, John D.	1966	Colebatch, Phillip M.	
1965	Bereznai, George T.	} equal	1967	Smith, Neil I., B.Sc.
	Lange, Volker W.			

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.

1964	Lange, Volker W.	1966	Olesnick, Roman M. E.
1965	Mere, Rein	1967	Bleys, Cyriacus A.

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.

1963	Drewer, Peter C.	} equal	1965	Lees, Maxwell L.
	Smith, Bernard M.		1966	Hawryszkiewicz, Peter
1964	Flavel, Warren L.	} equal	1967	Colebatch, Phillip M., B.Sc.
	Lee, Huat Chye			

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.	} equal	1967	Daly, Ross M.
1964	Webster, Ashley D.			Downing, Andrew
1965	Whitrow, John L.			R., B.Sc.
1966	Nguyen, Tran Van			

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 fourth-year work 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.

1963	Smith, Bernard M.	1966	Lange, Volker W.
1964	Lee, Huat Chye (Jeffrey)	1967	Bullock, Frederick G. Colebatch, Phillip M. } equal
1965	Lees, Maxwell L.	1968	Payne, Robert L.

The Forwood Down 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 Forwood Down 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.

1960	Inglis, Geoffrey R.	1964	Welford, John P.
1961	Hale, Malcolm R.	1965	H'ng, Hung Cheng
1962	Flower, Ian C.	1966	Wilson, Richard E.
1963	Brown, Garry L.	1967	Heydrich, Hans

The Shell Prizes in 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 penultimate 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.

1964	H'ng, Hung Cheng	1966	Heydrich, Hans
1965	Wilson, Richard E.	1967	Lim, Siong Guan

Chemical Engineering.

1964	Gehan, Kevin	1966	Hia, Chek Phang
1965	McCarthy, Michael A.	1967	Wright, Michael J.

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		

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.

1964	Rowe, James W.	1966	Fox, Allan D.
1965	Arthur, Neill F.	1967	Riegel-Huth, Ronald D.

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 \$63 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 \$63 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 fourth year of the five-year course 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.

1962	Story, Michael J.	1965	Fox, Allan D.
1963	Isaachsen, Oscar A.	1966	McCarthy, Michael A.
1964	Arthur Neill F.	1967	Hia, Chek Phang

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.

1964	Sutton, John M.	1967	Sullivan, Richard K. } equal
1965	Fraser, Robert A.		Wright, Michael J. }
1966	Hia, Chek Phang		

FACULTY OF LAW.

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.

1965	Daw, Rowena C.	Daw, Rowena C.	} equal
	Doyle, John J.	Ligertwood,	
	Dyki, Nick	Andrew L. C.	
	Haynes, Jennifer M.		
	<i>Prox. acc.</i>	1967	Abbott, Anthony N.
	Disney, Julian H. P.		Basten, John
1966	Abbott, Anthony N.		Crawford, James R.
	Disney, Julian H. P.		Dyki, Nick
	Dyki, Nick		<i>Prox. acc.</i>
	Haynes, Jennifer M.		Disney, Julian H. P.
	<i>Prox. acc.</i>		

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.		

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.

1964	Doyle, John J.	1966	Abbott, Anthony N.
	Doyle, Margaret C.		Holmes, Penelope M.
1965	Doyle, John J.	1967	Abbott, Anthony N.
	Haynes, Jennifer 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.

1950	White, James Michael	1960	Finnis, John M.
1953	Wilson, Ian Bonython C.	1965	Doyle, John J.

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.		
1937	Bray, John J., LL.D.	1962	Howard, Colin, LL.M.

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.

1964	Lindell, Geoffrey J.	1966	Doyle, John J.	} equal
1965	McDonnell, Ian P.		Haynes, Jennifer M.	
			Ligertwood, Andrew L. C.	
		1967	Dyki, Nick	

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 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.

1964	Lindell, Geoffrey J.	1966	Taylor, John L.
1965	Browne, Jeffrey F.	1967	Dyki, Nick

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 ways 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.

1964	Lindell, Geoffrey J.	1966	Haynes, Jennifer M.
1965	McDonell, Ian P.	1967	Dyki, Nick

FACULTY OF MEDICINE.

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 Lee, Choon Huat		Rose, Terence J.	

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.

1964	Craig, Ian H.	1966	Penfold, Brian A.	} equal
1965	Woodroffe, Andrew J.		Waltham, Robert D.	
		1967	Overton, John	

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 candidate is deemed of sufficient merit.

Awards.

1965	Campion, Elza C.		1967	Laws, Donald F.,	} equal
1966	Heddle, Robert J.	} equal		Staples, Elizabeth J.	
	Penfold, Brian A.			Toogood, Ian R. G.	
	Walker, Robert I.				

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.

1964	Gill, P. Grantley	1966	Phillips, Patrick J.
1965	Craig, Ian H.	1967	Heddle, Robert J.

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.

1964	Third-year Examination: Craig, Ian H.	1966	First Professional Examination: Schrader, John W.
	Fifth-year Examination: Hersey, Peter		Second Professional Examination: Phillips, Patrick J.
1965	First Professional Examination: Woodroffe, Andrew J.	1967	First Professional Examination: Overton, John
	Second Professional Examination: Craig, Ian H.		Second Professional Examination: Heddle, Robert J.

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.

1964	No award	1966	Coleman, Mark
1965	Craig, Ian H.	1967	Schrader, John W.

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:
1963 Pearlman, Helen R.	1960 Charnock, John S., B.Sc.
1964 Roberts-Thomson, Mary E.	Cheah, Dolly, B.Sc.
1965 Craig, Ian H.	Porter, Reginald B., M.Sc.
1966 Phillips, Patrick J.	1961 Porter, Reginald B., M.Sc.
1967 Heddle, Robert J.	

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 held in or about November, provided that he passes Part II of the Final Professional Examination at his first attempt.

Award.

1966 Craig, Ian H.

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 to the student who, at Part I 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 Paediatrics that relates to Medical Diseases of Children, 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 Landers, John A.G. 1966 Davidson, Geoffrey P.

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 to the student at Part I of the Final Professional Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery held in or about November who,

- (a) in that section of the examination in Paediatrics that relates to Medical Diseases of Children obtains marks at least equal to the minimum standard required for a Pass with Distinction in the whole of the Final Professional Examination; and
- (b) of those candidates who satisfy condition (a), obtains the highest aggregate of marks in the whole of the Final Professional Examination.

Awards.

1965 Roberts-Thomson, Mary E. 1966 Craig, Ian H.

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 offered for award annually to the student who, at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery:

- (a) is placed first amongst eligible candidates in the part of the examination relating to Obstetrics;
- (b) obtains marks in that part of the examination at least equal to the minimum standard required for a pass with distinction in the whole examination; and
- (c) passes at the same time in all other subjects of the final 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.		<i>New Curriculum</i>
1965	Hersey, Peter	}equal	1965 Roberts-Thomson, Mary E.
	Sangster, John F.		1966 Craig, Ian H.

The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of \$50 to the candidate placed first in Gynaecology at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the Final Examination, and obtains in Gynaecology marks at least equal to the minimum standard required for a Pass with Distinction in the whole examination.

Awards.

For previous awards, see Calendars from 1958.

1963	Kirwan, Colleen J, B.Sc.			
1964	Mykyta, Ludomyr J.	}equal	<i>New Curriculum</i>	
	Paull, Andrew		1965	Roberts-Thomson, Mary E.
1965	Odgers, Robert J.		1966	Davy, Margaret L. 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,	1967	Lewis, Graham N.
	B.Med.Sc.	1968	Woodroffe, Andrew J.
1964	Hersey, Peter		

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	} equal
1964	Luke, Colin G.		Roberts-Thomson, Mary E.	
1965	Henderson, Douglas W.	} equal	1967	Tomich, John
	Hersey, Peter			

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.

4. Candidates wishing to enter for the prize must submit their entries to the Registrar by 30th April each year.

Awards.

1963	Rosenfeldt, Franklin L.	1966	Thomson Napier M.	} equal
1964	Perriam, Donald J.		Wyndham, Christopher R. C.	
1965	Willoughby, Jane S.	1967	Goldney, Robert D.	

* The present value of the prize is \$40.

The Everard Scholarship.

This scholarship, founded by the late William Everard, is of the value of \$100 and is awarded to the student who is placed first in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter XVIa.

Awards.

For previous awards, see Calendars from 1904.

1964	Lumbers, Eugenie R.	1966	Roberts-Thomson, Mary E.
1965	Hersey, Peter	1967	Craig, Ian H.

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.

1964 Lumbers, Eugenie R.	1966 Gill, P. Grantley
1965 Hersey, Peter	1967 Walker, Gael E.

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.

The Johnson and Johnson Prize.

Whereas Johnson and Johnson 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 Johnson and Johnson Prize".
2. The value of the Prize shall be \$200.
3. Subject to Rule 4, the Prize shall be awarded to the candidate who is placed first in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that he has completed at least the last three years of the medical course in the University of Adelaide. No award shall be made if, in the opinion of the examiners, there is no candidate of sufficient merit.

4. The Prize shall not be awarded to a graduate in medicine of any other medical school or to any person who has been registered as a medical practitioner in South Australia or elsewhere.

Awards.

1964	Lumbers, Eugenie R.	1966	Roberts-Thomson, Mary E.
1965	Hersey, Peter	1967	Craig, Ian H.

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.

1964	Paull, Andrew	1966	Gill, P. Grantley
1965	Court, Jennifer J.	1967	Lewis, Graham N.

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.

1964	Perriam, Donald J.	1966	Roberts-Thomson, Mary E.
1965	Rasch, Marjorie	1967	Stepanas, Antanas V., B.Med.Sc.

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.

1964	Paull, Andrew	1966	Gill, P. Grantley
1965	Hersey, Peter	1967	Walker, Gael E.

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.

1964	Peacock, Morris J.	1966	Thomson, Napier M.
1965	Thomas, David W.	1967	Sanders, Peter D.

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. 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.

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.

1961 Lawton, John W. M.	1964 Hersey, Peter	} equal
1962 Turnbull, John W.	Disney, Alexander	
1963 Munro, David R.	P. S.	
	1967 Craig, Ian H.	

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.

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.

The Shorney Prize.

This prize, of the value of \$400, is awarded for original work in Ophthalmology or in Diseases of the Ear, Nose and Throat 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.)

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.

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|------|-----------------------------|------|------------------------------|
| 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.

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 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.

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.

FACULTY OF DENTISTRY.**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.

1963	Felstead, Brenton J.	1966	Lam, Kui Po
1965	Castle, Douglas T.	1967	Soave, Boris

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 1960.

1961	Chau, Kai Kin	1967	Lam, Kui Po
1963	Ielasi, Anthony		

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 1953.

1964	Ielasi, Anthony	1966	Moore, Rodney L.
1965	Roberts, Michael J.	1967	No Award

On the First Annual Examination.

1967	Fairbank, Julie M.
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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 1945.

1960	Miller, Roderick S.	1966	Roberts, Michael L.
1963	Chau, Kai Kin	1967	Moore, Rodney L.

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.

1964	Moore, Grahame J.	1966	Wright, David W. R.
1965	Ielasi, Anthony	1967	Moore, Rodney L.

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.		

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.

Award.

1967 Ball, James F.

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 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

FACULTY OF ECONOMICS

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.

1964	Dyki, Andrew P.	1966	Wagstaff, Peter
1965	Davies, Bryan L.	} equal	1967 Tuck, Robert C.
	Nicolai, Michael F.		

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.

1964	Round, David K.	1966	Thomson, Murray, D. A.
1965	Bloch, Frederick A.	1967	Wagstaff, Peter

The Shell Prize in Economics.

A prize of \$50 will be awarded to the full-time student who is, in the opinion of the Board of Examiners, the most outstanding student in the second year in the degree of Bachelor of Economics course, provided that the prize shall not be awarded if, in the opinion of the Board of Examiners, there is no candidate of sufficient merit. For this purpose the Board of Examiners will normally regard a student as being in the second year if, having passed without failure in four first-year subjects, he is taking Economics II and two other subjects in the one year.

Awards.

For previous awards, see Calendars from 1961.

1964	Chua, Wee Meng	1966	Eckermann, Lee D.
1965	Bloch, Frederick A.	1967	Wagstaff, Peter

The Economic Society Prizes.

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.	

Prize in Economic Statistics I.

1965	Boyce, Robert W.	1967	Heron, Ian C.	} equal
1966	Eckermann, Lee D.		Welford, John P.	

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.			
1966	Scott, Graham McL., B.Ec.	} equal		
	Struenkmann, Uwe, B.Ec.			

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 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		

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.

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.

1964	Fairbairn, David F.	1966	Bloch, Frederick A.
1965	Hubbard, Jack R.	1967	Heywood, Derrick S.

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.

1965	Dunstan, Douglas W. (Elements of Accounting)	} equal (Management Accounting)
	Carter, Darryl R.	
	Hubbard, Jack R.	
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)	

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.

1963	Smith, Adrian M., B.Ec.	1966	Bloch, Frederick A.
1964	Dall, Dennis J.	1967	Barrett, Peter G.

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	1965-1967	No award

FACULTY OF ARCHITECTURE.

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.

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.

1964	Robinson, Jannette E. M.	1966	Panczak, Kurt C.	} equal
1965	Wong Yit-Sing, Francis		Woodhead, William R.	
		1967	Evans, Adrian D.	

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.

- | | | | |
|------|---|--|--|
| 1966 | Judd, Bruce H. (Architectural Design and Planning I) | | |
| | Tsatsaronis, Nicholas (Architectural Design and Planning II) | | |
| | Rudduck, Saxon G. (Architectural Design and Planning III) | | |
| | Bettany, Graham (Building Construction I and Building Science I) | | |
| | Jensen, Rodney J. C. } equal. (Building Construction II and Building Science II) | | |
| | Tsatsaronis, Nicholas } equal. (Building Construction III and Building Science III) | | |
| | Dungey, Peter J. (Building Construction III and Building Science III) | | |
| 1967 | Fabro, Antony R. } equal (Architectural Design and Planning I) | | |
| | 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 II and Building Science II) | | |
| | Chesterman, Howard F. (Building Construction III and Building Science III) | | |

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.

1963	Grove, Richard J.		1965	Angus, Alistair M.
1964	Fritzsche, Janet M.	} equal	1966	Wong, Yit-Sing
	Miller, Ian R. W.		1967	Woodhead, William R.

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.

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.

PHYSIOTHERAPY.

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.

1964 Heaver, Merron C.	1966 Kidnie, Marilyn E.
1965 Pfitzner, Maxwell C.	1967 No award.

PRIZES AND SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

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.

1965	Business Management: No award	
	Economic Statistics II: Hillier, Grant H.	
	Engineering Management: No award	
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	

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.

1962 Matthews, Brian W., B.Sc. 1965 Vladcoff, Adrian N., B.E.
1964 Arthur, Neville L., B.Sc. 1968 Cramond, David N., B.Sc.

The George Murray Scholarships.

For rules applicable in 1962, see Calendar for 1962.

RULES.

(Applicable for Awards beginning in 1963)

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 "George Murray Scholarships."

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 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 1966:

Cann, Melvyn R., B.A. (B)	Sinclair, Donald K., B.Sc.
Harrop, Clifford J. F., B.Sc. (B)	French, Robert J., B.Sc.
Neumann, Walter D., B.A. (B)	Slade, Phillip G., B.Sc.

Parsons, Peter G., B.Sc. (A)	For 1968:
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Rodger, Michael S., B.A. (B)	Dyki, Nick LL.B.
Saddler, Hugh D. W., B.Sc. (B)	Cameron, Heather M., B.A.

For 1967:

Ligertwood, Andrew L. C., LL.B.	Lee, Michael J., B.A.
Daw, Rowena C., LL.B.	Young, John D., B.A.
Forrest, Anna M. H., B.A.	Allison, Graham B., B.Sc.
	Duke, Roger W., B.Sc.

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 Scholar-

ships 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 post-graduate 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 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.

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.

Shell Postgraduate Scholarships.

I. 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 £1,000 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 £1,000 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.

General Motors-Holden's Postgraduate Research Fellowships.

At the beginning of the 1957 academic year, General Motors-Holden's Limited made available to Australian Universities 25 Fellowships, each of the value of \$1,600-\$2,400, to enable young graduates of outstanding talent to undertake research. The University of Adelaide has been allocated two of these Fellowships, with the possibility of an additional one in certain circumstances.

A graduate of any Australian University is eligible to apply. A candidate, however, should apply to the particular University in which he desires to pursue his postgraduate studies. A graduate in any faculty may apply but, other things being equal, preference may be given to applicants who have graduated in Engineering, Science, Commerce or Economics, and who intend to follow careers in industry or teaching in Australia on completion of their Fellowships. Preference may also be given to applicants who have already qualified for a Master's degree or its equivalent in their appropriate faculties. Qualities of leadership as well as academic achievement will be taken into consideration in making Fellowship awards.

Application forms, obtainable from the Registrar's office, should be completed and lodged not later than November 30 each year.

Awards.

For previous awards, see Calendars from 1959.

- | | | |
|------|--|--------------------------------|
| 1964 | Elix, John A., B.Sc.
Swann, John C., B.Sc. | |
| 1965 | Elix, John A., B.Sc.
Swann, John C., B.Sc. | } awarded for
} second year |
| 1966 | Chandler, Bruce S., B.Sc.
Redmond, John W., B.Sc. | |
| 1967 | Chandler, Bruce S., B.Sc.
Redmond, John W., B.Sc. | } awarded for
} second year |
| 1968 | Chaplin, Rodney P., B.Sc.
Ginos, Zisis | |

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. 1962-3 Good, Brian F., B.Sc.

The David Murray Scholarships.

These scholarships, of the value of \$50 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 encourage students 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 Philosophy or Mathematics or German or Geography 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.

1965	Arts—Tsangaris, George		Tilby, Penelope
	Law—McDonell, Ian P.		Tsangaris, George P.
1966	Arts—Adams, R. A. Sorby	1967	Science—Chaplin, Rodney P.
	Cann, Melvyn R.		Law—Haynes, Jennifer M.
	Forrest, Anna		

The John L. Young Scholarship.

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.

For conditions, see Statutes, Chapter XXXIX.

Awards.

For previous awards, see Calendars from 1923.

1960	Ramsay, George C., B.Sc.	1964	Walter, Malcolm R.
1961	Williams, Lyall R., B.Sc.	1965	Milne, Peter R.
1962	Acott, Brenton	1966	Milne, Peter R., B.Sc.

The Eric Smith Bursary

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association Incorporated (later known as the Commercial Travellers' Association of South Australia (Incorporated)) paid to the University a sum equivalent to \$300 for the purpose of establishing the scholarship hitherto known as The Commercial Travellers' Association Scholarship; and whereas, through the liberality of Sir Edwin Smith, the Association has been 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 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.

FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that
is the son (or daughter) of
who was (or is) a worthy member of the Ancient Fraternity of Free
and Accepted Masons under the Grand Lodge of South Australia,
and hereby nominates the said
as a person to whom the University shall award a St. Alban Scholarship.
The said scholar-designate is to study for the degree of Bachelor of
Dated at Adelaide this _____ day of _____ in
the year 19 _____

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure
by _____ of the St. Alban

Scholarship, and has substituted
in the room of the said

Dated at Adelaide the _____ day of _____ in
the year 19 _____

(Lodge Seal.)

Signed,

Master of Lodge St. Alban

Signed,

Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendars from 1921.

1946 Perrett, Lance Victor 1957 Forgan, Dorothea Wald
1953 Hambly, Francis Sutherland 1960 Lucas, Alan Vernon

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 1968 is either—

The financial predicament of the United Nations; or Anti-Colonialism and the United Nations.

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.

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 \$2,300 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 \$2,300 between \$2,300 and \$4,600 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.

Commonwealth Postgraduate Awards.

The Commonwealth Government provides each year a number of awards for postgraduate study and research at Australian universities. Each university is granted a quota which it may award.

The value of an award in the University of Adelaide is normally \$2,000 - 100 - 2,200 a year. Tenure is subject to annual renewal and may not exceed four years.

An applicant must be a graduate or a student who expects to graduate shortly after application, and must be domiciled in Australia. A good Honours degree is expected; and a graduate or graduating student of another University may apply.

The holder of an award will normally pursue a course of advanced study and research leading to a higher degree. It is not, however, obligatory to pursue such a course and an award may be made for postgraduate research which does not lead to a higher degree. The awards are open to graduates and students in all Faculties.

Applications, in writing on the prescribed form, should be sent to the Registrar by the end of November of each year. An application should include full personal particulars of the applicant, the names of two referees familiar with his University work, a broad indication of the field of postgraduate research in which he wishes to work, and a statement of other awards which are held or are being applied for.

Awards for 1967.

Bahr, John L., B.Sc.	Hollis, Stephanie J., B.A.
Barnden, Leighton R., B.Sc.	Hull, Ronald R., B.Sc.
Bateman, Roger G., B.Sc.	Jago, James B., B.Sc. (Tas.)
Blesing, Robert G., B.Sc.	Jenkins, Richard J. F., B.Sc.
Buselli, Gioachino, B.Sc.	Johnson, Anthony J. B., B.A.
Byers, Alan E., B.Sc.	Jolley, William H., B.Sc. (Syd.)
Carey, William F., B.Sc.	Lintern, Sue M., B.Sc.
Chaplin, Rodney P., B.Sc.	McDonnell, Thomas P., B.Sc.
Clancy, Michael C., B.Sc.	McKay, David J., B.Sc.
Dean, Peter, D., B.E.	May, Brian K., B.Sc.
Dube, Alan J., B.Ag.Sc.	Moir, John E., B.Sc.
Fabian, Werner, B.Sc.	Morrison, Robert G. B., B.Sc.
Farnden, Kevin J. F., B.Sc.	Odgers, Robert J., M.B.B.S.
Findlay, John K., B.Ag.Sc.	Preiss, Wolfgang V., B.Sc.
Gara, William B., B.Sc.	Rudzki, Zbigniew, B.Sc.
Gollan, John L., M.B.B.S.	Sinclair, Roger W., B.Sc.
Gotjamanos, Theo, B.D.S.	Smith, Anthony T., B.E.
Gray, Malcolm, B.Sc.	Thomas, Richard M., B.Sc.
Halleday, John A., B.Sc.	Trethewie, John V.
Hancock, William S., B.Sc.	Vickery, Graham G., B.Sc.
Hawryszkiewicz, Peter, B.Sc.	Vigar, Penelope E. S.
Hearn, Milton T. W., B.Sc.	Williams, Alan F., B.Sc. (Melb.)

Awards for 1968.

Atchison, Bentley A., B.Ag.Sc.	Lockey, George W. A., B.Sc.
Bartlett, John P., B.Sc., B.E.	Maddern, Robert H., B.Ag.Sc.
Braysher, Michael L., B.Sc.	May, John T., B.Sc.
Britten, Kerrie A., B.Sc. (New Eng.)	Mercer, Julian F. B., B.Sc. (A.N.U.)
Burridge-Sibbons, Christina F., B.Sc.	Milnes, Anthony R., B.Sc.
Champion, Ralph A. H., B.Ag.Sc.	New, Peter B., B.Ag.Sc. (Tas.)
Clarke, John D., B.A.	Orchard, Anthony E., B.Sc.
Callerson, Kenneth D., B.Sc. (New Eng.)	Paech, Ivor N., B.E.
Daniels, Brian K., B.Sc.	Palmer, Ian D., B.Sc.
Edwards, Anthony M., B.Sc. (N.S.W.)	Riceman, William D., B.Sc.
Eiffe, Margaret E., B.A.	Roberts, Michael L., B.D.S.
Field, Donald W., B.Sc.	Rungie, John M., B.Sc.
Girolamo, Mario, B.Sc.	Sabine, Percy V. H., B.Sc., B.E.
Harris, Raymond J., B.Sc.	Schroder, Clare R., B.Sc.
Healey, John D., B.A.	Simons, Brian K., B.Sc.
Horton, Trevor J., B.A.	Smyth, Christopher J., B.A. (A.N.U.)
Ives, Penelope M., B.Sc.	Sparrow, Graham J., B.Sc.
James, Christopher J., B.Sc.	Steward, John H., B.Ag.Sc.
Keene, Frank R., B.Sc.	Sutton, John M., B.E.
Kikkert, Cornelis J., B.E.	Taplin, John E., B.Sc.
Klose, Thomas R., B.Sc.	Trenerry, Dennis W., B.Sc.
Laffer, Mostyn H., B.Sc.	Tuohy, Ian R., B.Sc.
	Urban, Evelyn, B.A.

GENERAL INFORMATION.

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.

1965	Disney, Shaun Anthony	1967	Doyle, John J.
	Requa, B.A.		
1966	Gibson, Edmund R. B.	1968	Award lapsed

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

1892	Allen, J. B., B.Sc.	1934	Ballard, L. A. T., M.Ag.Sc.
1902	Cooke, William T., B.Sc.	1935	Price, James R., M.Sc.
1905	Kleeman, Richard D., B.Sc.	1947	Bowes, Donald R., B.Sc.
1909	Glasson, Joseph L., B.Sc.	1950	Nossal, Peter M., M.Sc.
1912	Jauncey, G. E. M., B.Sc.	1952	Pettit, Rowland, M.Sc.
1920	Dawkins, Alfred E., B.Sc.	1956	Hall, Barbara I. H., B.Sc.
1925	Wood, Joseph G., B.Sc.		Hunt, Arnold L., B.Sc.
1927	Oliphant, M. L. E., B.Sc.	1960	Moritz, Alan G., B.Sc.
1933	Bosworth, R. C. L., M.Sc.	1963	Ramsay, Graham C., 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 £720 sterling 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.

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 |

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.

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.

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.

Concession in Fees to Officers in Commonwealth Public Service

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.

Concession in Fees to Officers in State Public Service.

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.

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.

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, the Chairman of the Finance Committee, and the Registrar. A student contemplating an application for a loan should consult personally the Registrar, the Warden of the Union and a professor in whose department he has worked or to whom he is personally known. He must then submit to the Registrar a written application, which should be supported by *confidential letters sent direct to the Registrar* by the Warden and the professor consulted.

The Registrar furnishes a report annually to the Council in November, and the report does not include the name of any applicant.

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.

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.

A *Junior Research 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 very few awards are made.

A *Research 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 September.

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 enquirer should indicate his qualifications and the field in which he would wish to work.

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.

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.

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

† Increased by Council to \$300 in 1966.

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

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.

* Allowed 16th December, 1948, and amended 14th December, 1950.

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.

† Increased by Council to \$220 in 1966.

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.

LICENTIATE PRIZE

14. A prize of \$31.50† 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.

* Allowed December, 1948.

† Increased by Council to \$60 in 1966.

Awards

SCHOLARSHIPS—

For previous awards, see Calendars from 1913.

1963	Holmes, Elizabeth M. (Practice)
	No award (Theory)
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)

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.

1962	Noonan, Diana	1965	McSkimming, David G.
1963	Miller, Necia A.	1966	Lewis, Susan M.
1964	Lockett, David R.	1967	Walter, Stephen

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, notably the Union House Committee, the Union Hall Committee, and the Union Finance 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 can be obtained from the refectories 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 building provides accommodation for undergraduate activities, and offices for the Warden and the Students' Representative Council.

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, 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, Intervarsity

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.

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 this 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 one night a week, two weekend bivouacs, one day parade in the period February to August, culminating in a sixteen-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 sometimes carried

out at an Interstate 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.

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.

Social Studies Students' Association

The aim of the Association is to encourage and foster interest in Social Work as a profession and to provide more opportunities for friendship between the students of Social Studies in the University.

The Association holds meetings and week-end conferences with guest speakers on topics of special interest to intending social workers, the students being encouraged to mix socially and to exchange ideas. The year's activities conclude with a post-exam cocktail party for staff and students.

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, South Australian Museum.

Hon. Secretary: Mr. R. D. J. Weathersbee, 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.

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: Mr. D. T. Healey, B.Sc., M.A., The University.

Honorary Secretary: Dr. G. G. Moffatt, Ph.D., M.Ec., The University.

Honorary Treasurer: Mr. G. B. Mitchell, B.Ec., 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 \$10 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 W. V. Macfarlane, M.A., M.D.

Vice-President: Professor D. Rowley, M.D., Ph.D.

Hon. Secretary: Mr. R. G. Edwards, M.Sc., M.B., B.S.

Hon. Treasurer: Miss B. J. Dennis, 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 \$10 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. Harry Medlin, The University.

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.

The Wives' Club is managed by a committee and more information for 1968 can be obtained from the President, Mrs. R. B. Potts (31 1937), or the Secretary, Mrs. D. J. Greenland (71 6625).

ANNUAL REPORT FOR THE YEAR 1967

To His Excellency Sir Mellis Napier, K.C.M.G., Lieutenant-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 1967:

1. INTRODUCTION

The year 1967 was the beginning of a three-year period of severe financial stringency for the University of Adelaide. Although the Australian Universities Commission had recommended provision of \$7,420,000 for capital expenditure during the 1967/69 triennium, the sum made available was \$2,968,000 of which \$1,972,000 was already committed on expenditure associated with the Dental School, the Ligertwood Building and the Computer. Thus the University was able to make, during the triennium, only two further additions to its accommodation. One is a small building connected with the Library which will provide additional accommodation for Architecture, the Library, and Mathematics. The other is an annex to the Physics Building which will accommodate the Mawson Institute for Antarctic Research and the Department of Mathematical Physics and will provide some relief for advanced and postgraduate students in Physics.

Similarly, the provision for revenue expenditure recommended by the Commission was reduced by about \$750,000 a year. The increase in expenditure over the preceding year became 4.1% for 1967, 4.3% for 1968, and 2.7% for 1969, excluding the sums specifically provided for increases in academic salaries from July, 1967. With rising costs in salaries and wages (which comprise about 75% of the University expenditure), goods and services, the University needs a 5-6% annual increase in order to maintain its work on the existing level. Thus no staff development was possible except in certain urgent areas such as the Dental School, where the greatly increased numbers of students undertaking clinical work on patients compelled an increase in teaching staff. These increases had to be provided at the expense of other sections of the University. Perhaps the greatest sufferer in the University was the Library; the cost of journals rises, on the average, by about 10% a year, and new journals are constantly appearing. Thus, maintaining the journal intake resulted in a significant fall in the provision for the purchase of books.

As a result of its inability to increase its staff and material resources the University had, as foreshadowed in the Report for 1966, to apply quotas on the admission of students to all courses in the University.

2. THE COUNCIL AND THE SENATE

Sir Henry Basten relinquished the office of Vice-Chancellor in March. Emeritus Professor G. M. Badger, who had been Deputy Vice-Chancellor from the beginning of 1966, succeeded him. In June the Council appointed Professor J. R. Trevaskis Deputy Vice-Chancellor for a term of three years, during which he remained Hughes Professor and Head of the Department of Classics.

In November, Miss J. Gilmore, Mr. K. H. Milne, Mr. W. M. C. Symonds, Professor J. R. Trevaskis and Dr. A. W. Wall retired by effluxion of time from the Council. The Senate re-elected Miss Gilmore and Dr. Wall and elected Sir Henry Basten, Mr. A. H. Campbell and Dr. E. H. Medlin to fill the five places.

The Senate also re-elected Dr. R. G. Willoughby its Warden and Mr. H. E. Wesley Smith its Clerk. Vacancies on the Standing Committee of the Senate were filled by the election of Mr. F. H. Davis, Mr. W. E. S. Forster, the Reverend Dr. W. F. Hambly, Mr. P. Radford, Mr. D. W. Simmons and Dr. D. J. Sutton.

3. DEATHS

The Council records with regret the deaths during 1967 of the following members of the University:

The Honourable Sir George Ligertwood, who had been a member of the Council from 1942 to 1966, Warden of the Senate from 1945 to 1959, Deputy Chancellor from 1958 to 1961, and Chancellor from 1961 until his retirement from that office in 1966. The Council has named the new building which houses the Law School and the Departments of Classics and Philosophy The Ligertwood Building.

Emeritus Professor T. D. Campbell who had been the first full-time member of the staff of the Dental School as Director of Dental Studies from 1949 to 1953, and Professor of Dental Science from 1954 to 1958.

Emeritus Professor Sir Kerr Grant, who had held the Elder Chair of Physics from 1909 to 1948 and had been a member of the Council from 1930 to 1955.

Dr. Helen Mayo, a member of the Council from 1914 to 1960 and the first woman appointed to a University Council in Australia.

Dr. P. S. Hossfeld, formerly Senior Lecturer in Geology.

Dr. N. C. Crowley, Senior Lecturer in Plant Pathology at the Waite Agricultural Research Institute.

4. PROFESSORSHIPS

In July the Council created a second Chair in Law and appointed Dr. A. C. Castles to it. To a similar new Chair in Psychology created later in the year the Council appointed Dr. A. T. Welford of St. John's College, Cambridge.

In view of their academic merit the Council promoted Dr. G. C. Harcourt, Reader in Economics, Dr. H. K. Lucke, Reader in Law, and Dr. J. H. Michael, Reader in Mathematics, to Personal Chairs in their respective subjects. These Chairs lapse when the occupants vacate them.

Dr. T. G. Wilson, Senior Lecturer in History, was appointed to the Chair of History vacated by Professor G. F. E. Rude.

Eight Australian mining companies provided financial support for three years to establish a Chair in Geophysics and to provide equipment for that work. The Council created the Chair within the Department of Economic Geology and it is expected that the Chair will be filled during 1968.

5. RESIGNATIONS

The following resignations became effective during or at the end of the year: Dr. R. W. Ansley, Senior Research Fellow in Civil Engineering, on his appointment as Dean of Engineering and Head of

the Department of Civil Engineering in the Singapore Polytechnic; Mr. J. L. Talbot, Senior Lecturer in Geology; Dr. C. J. E. Kempster, Lecturer in Physics; Dr. E. Roe, Senior Lecturer in Education, on his appointment to the Chair of Education in the University of Papua and New Guinea; Mr. E. S. Richards, Lecturer in Economics; Dr. G. Mulligan, Lecturer in Psychology; Dr. Lotte Mulligan, Senior Lecturer in History; Professor G. F. E. Rude, Professor of History, on his appointment to the Foundation Chair of History in the University of Stirling, Scotland; Dr. R. J. Millington, Senior Lecturer in Agronomy; Dr. J. D. Frodsham, Senior Lecturer in History; Mr. M. Bryn Davies, Reader in English, on his appointment as Professor of English in the University of Ghana; Dr. G. R. Fraser, Reader in Genetics; Mr. S. C. Hopcroft, Lecturer in Surgery; Mr. R. Lane Smith, Lecturer in Architecture; Mr. B. A. Hills, Senior Lecturer in Chemical Engineering, on his appointment as Associate Professor of Medical Science in Brown University, U.S.A.; Dr. P. Loveday, Reader in Politics, on his appointment to a Senior Fellowship in the Institute of Advanced Studies, Australian National University; Mr. S. J. Rooth, Tutor-Organiser in Adult Education; Mr. G. C. Scroop, Lecturer in Physiology; Mr. D. M. Toomey, Lecturer in Education; Mr. A. W. G. Whittle, Senior Lecturer in Economic Geology; Mr. G. Herbert, Reader in Architecture; Professor H. F. Lydall, George Gollin Professor of Economics, on appointment to the Secretariat of the U.N. Conference on Trade and Development; Dr. D. N. Gibbs, Senior Lecturer in Psychology.

Resignations received during 1967 to become effective during 1968 were: Professor R. P. Jepson, Professor of Surgery; Dr. K. D. Murray, Senior Lecturer in Pathology; Dr. K. H. Lokan, Senior Lecturer in Physics; Dr. K. A. Provins, Reader in Psychology, on appointment as Professor of Psychology in the Australian National University; Dr. P. J. Edwards, Lecturer in Physics; Professor B. S. Hetzel, Michell Professor of Medicine, on appointment to the foundation Chair of Social and Preventive Medicine in Monash University; Dr. J. Kautsky, Lecturer in Mathematics; Dr. B. G. Radden, Reader in Dentistry; Dr. R. G. Keats, Senior Lecturer in Mathematics, on his appointment to the Chair of Mathematics in the University of Newcastle; Mr. K. M. O'Neill, Lecturer in French.

6. RETIREMENT

Mr. Frank Borland, Warden of the Union since the post was created in 1951, retired in June.

7. APPOINTMENTS

The following appointments were accepted during the year:

Readers: Dr. R. L. Hodge, Human Physiology and Pharmacology; and Dr. E. O. Tuck, Mathematics.

Senior Lecturers: Dr. J. J. Smolicz, Education; Mr. M. A. C. Nugent, Orthodontics; Mr. D. A. Cumming, Civil Engineering; Dr. P. H. Cole and Mr. D. A. Pucknell, Electrical Engineering; Dr. A. G. Wangell, Medicine; Dr. W. H. Abdi, Mathematics; and Mr. B. L. Reynolds, Microbiology.

Lecturers: Mr. D. L. Johnson, Architecture; Mr. M. Simons and Sister Mary Campion, Education; Mr. A. C. W. Mitchell, English; Mr. A. F. Denholm, Mr. N. A. E. Etherington and Mr. G. R. Knight, History; Mr. R. Catley and Mr. J. F. Scott, Politics; Mr. D. McNicol,

Psychology; Mr. N. G. Clarke, Periodontology; Mr. J. H. Hatch and Mr. G. B. Mitchell, Commerce; Mr. M. K. Lewis and Mr. T. Sheridan, Economics; Mr. D. J. Male, Civil Engineering; Dr. J. M. Pickles, Mechanical Engineering; Mr. A. H. Slavotinek, Surgery; Mr. P. J. Britton, Music; Dr. J. F. Wheldrake, Biochemistry; Dr. F. A. Smith, Botany; Dr. T. P. Hopwood, Geology; Mr. B. J. Noye, Mathematics; Dr. S. F. Lincoln, Physical and Inorganic Chemistry; Mr. P. A. Denison, Dr. C. S. Nilsson and Mr. L. W. Torop, Physics.

Warden of the Union: Mr. O. G. Jones.

Student Counsellor: Mr. D. F. Little.

Visiting Composer in the School of Music for 1968: Dr. Jindrich Feld.

Tutor/Organiser in Adult Education: Dr. D. W. P. Corbett.

8. STUDY LEAVE

The following members of staff were granted Study Leave beginning at some stage of the year: Mr. E. H. Wilkinson, Deputy Librarian; Dr. J. Melville, Director of the Waite Agricultural Research Institute; Mr. K. P. J. Barley, Reader in Agronomy; Dr. G. J. Leach, Lecturer in Agronomy; Mr. J. H. Silsbury, Senior Lecturer in Agronomy; Mr. K. M. Doull, Senior Lecturer in Entomology; Dr. M. V. Carter, Senior Lecturer in Plant Pathology; Dr. J. M. Fisher, Senior Lecturer in Plant Pathology; Professor L. G. Paleg, Professor of Plant Physiology; Mr. P. Meredith, Lecturer in English; Mr. M. J. Tolley, Lecturer in English; Dr. N. M. Wace, Senior Lecturer in Geography; Mr. A. O. Bonig, Lecturer in German; Dr. H. S. K. Kent, Senior Lecturer in History; Dr. N. Blewett, Lecturer in Politics; Mr. M. J. Barrett, Reader in Dentistry; Dr. E. A. Fanning, Reader in Dentistry; Professor F. K. Wright, Professor of Commerce; Professor E. A. Russell, Professor of Economics; Dr. J. Mannam, Reader in Mechanical Engineering; Mr. A. Shaw, Senior Lecturer in Mechanical Engineering; Professor A. A. Abbie, Elder Professor of Anatomy and Histology; Dr. J. H. M. G. Van Deth, Reader in Anatomy and Histology; Dr. I. J. Forbes, Reader in Medicine; Dr. R. I. Cox, Reader in Obstetrics and Gynaecology; Mr. L. J. Opit, Reader in Surgery; Mr. C. T. Leske, Senior Lecturer in the Elder Conservatorium of Music; Mr. D. J. Glencross, Lecturer in Physical Education; Professor R. N. Robertson, Professor of Botany; Dr. I. N. Capon, Senior Lecturer in Computing Science; Professor E. A. Rudd, Professor of Economic Geology; Dr. R. W. Nesbitt, Lecturer in Geology; Dr. D. J. B. Kerr, Reader in Human Physiology and Pharmacology; Professor C. A. Hurst, Professor of Mathematical Physics; Professor R. B. Potts, Professor of Mathematics; Professor A. L. J. Beckwith, Professor of Organic Chemistry; Dr. R. A. Massy-Westropp, Senior Lecturer in Organic Chemistry; Dr. P. E. M. Allen, Senior Lecturer in Physical and Inorganic Chemistry; Dr. J. C. Sheldon, Senior Lecturer in Physical and Inorganic Chemistry; Professor D. R. Stranks, Professor of Physical and Inorganic Chemistry; Dr. J. R. Casley-Smith, Senior Lecturer in Zoology; and Dr. S. J. Edmonds, Senior Lecturer in Zoology.

9. RESEARCH

The ear-marked grant for research was reduced from \$660,000 for the 1964-66 triennium to \$588,000 for the 1967-69 triennium, and the total amount of the University Research Grant for 1967 was \$498,800.

The Research Executive Committee was able to meet only 36% of the Departmental requests made on it, but maintained the policy of providing a postgraduate scholarship for every Class I or IIA Honours graduate recommended by the head of his department and approved by the Research Executive Committee as suitable to undertake research work but unable to secure some other scholarship.

The policy of supporting senior research fellows and postdoctoral fellows was in general abandoned, only those fellows who had already been appointed being maintained. Of the four senior research fellows at the beginning of the year only one remained at the end of the year.

Similarly, special grants for the purchase of large or basic items of research equipment were severely curtailed.

In 1967, for the first time, a small sum (\$3,000) was set aside to enable selected members of the permanent staff to make research visits overseas during academic vacations.

During 1967, 90 members of staff received grants totalling \$509,201 from the Australian Research Grants Committee. Eighty-six members of the staff were awarded grants totalling \$386,238 for 1968 by the same Committee.

In addition, during 1967 support totalling about \$836,000 was received for research in the various departments from outside bodies other than the A.R.G.C.

10. GIFTS AND BEQUESTS

The Council acknowledges with pleasure and gratitude the following gifts and bequests during the year:

An anonymous donation of \$25,000 for the Medical School;

Acoustic insulation valued at \$8,000 from Bradford Insulation and a cooling tower and heat transfer testing equipment valued at \$3,000 from Alfred Martin and Son Proprietary Limited, to the Department of Mechanical Engineering;

\$2,000 and \$1,500 from Esso Standard Oil (Aust.) Ltd. to be used within the Departments of Geology and Economic Geology and the Faculty of Engineering respectively;

400 volumes for the Law Library from Mr. A. K. Sangster, Q.C.;

An additional \$400 to supplement the Barr Smith Travelling Scholarship in Agriculture from Sir Tom Barr Smith;

About \$70,000, representing the residue of her estate, by Mrs. A. E. Lawrence for the purpose of establishing a postgraduate scholarship in conservative dentistry to commemorate the name of her husband, Gordon Ord Lawrence;

\$2,000 by Myrtle Agnes Sharp for cancer research;

\$26,370 and \$4,666 for the Anti-Cancer Foundation from the F. G. McLaughlin Estate and the R. A. James Estate respectively;

\$6,000 by Dr. Helen Mayo for the development and improvement of the Staff Club;

\$5,000 from Brooks Estates Pty. Ltd. towards the purchase of land at Buckland Park;

\$2,500 from Mr. A. Hannaford towards the cost of a field laboratory for plant pathology.

In section 9 of this report reference is made to the large number of research grants received from authorities and bodies outside the Uni-

versity. The University records its great appreciation of these grants; without them the research activities of the University so vital to the University's whole function, would be gravely curtailed. Of the many such grants particular mention is made of those totalling \$51,500 from The Broken Hill Proprietary Company Ltd., Conzinc Rio Tinto of Australia Ltd., North Broken Hill Ltd., Electrolytic Zinc Company of Australia Ltd., Western Mining Corporation Ltd., Broken Hill South Ltd., Peko Wallsend Investments Ltd., and Consolidated Goldfields Australia Ltd. These have enabled the University to establish a Chair of Geophysics within the Department of Economic Geology.

11. STATUTES AND REGULATIONS

Chapters XXXIX, Of the John Lorenzo Young Scholarship, L, Of the Thornber Bursary, and LX, Of the Sir Robert Chapman Prize were repealed and replaced by Rules made by the Council.

Amendments were made to Chapter IX, Of Matriculation; Chapter X, Of the Faculties; Chapter XI, Of Degrees; Chapter XII, Of the Board of Discipline; Chapter XXV, Miscellaneous; and Chapter XXXI, Of The David Murray Scholarships.

Chapter LXXXIII, Of the Schools at Bedford Park was repealed and a new Statute, Chapter LXXXIV, Of Kathleen Lumley College Incorporated, was made.

Regulations governing the degrees of Master of Architecture, Master of Town Planning, Doctor of Philosophy and Doctor of Medicine were repealed and replaced by new Regulations; and new Regulations establishing a degree of Master of Music were made.

Amendments were made to the Regulations governing the Associateship in Arts and Education, the Diploma of Associate in Music, the Diploma in Public Administration and the following degrees: Bachelor of Agricultural Science, Bachelor of Applied Science, Bachelor of Architecture, Bachelor of Dental Surgery, Bachelor of Engineering, Bachelor of Laws, Bachelor of Pharmacy, Bachelor of Science, Bachelor of Technology and Master of Surgery.

The Regulations governing Fellowship of the Elder Conservatorium of Music were repealed.

12. STATISTICS

Numbers of Students: The total number of students was 9,167, a decline of 214 on the record enrolment of the previous year. Higher Degree enrolments, however, continued to rise to the record level of 727. Higher Doctorates, increased by 7, Ph.D. candidates by 20 and Master's candidates by 51.

The proportion of full-time enrolments remained at approximately the same level as in the previous year. The composition of the student body is shown in the following table:

	Males	Females	Total	%
Full-time	4,182	1,378	5,560	60·7
Part-time	2,081	793	2,874	31·3
External	313	81	394	4·3
Elder Conservatorium	142	197	339	3·7
Total Students	6,718	2,449	9,167	100·0

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.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	Total
Agricultural Science..	—	—	—	46 (4)	5	—	15 (2)	2 (1)	19	61 (6)	7 (1)	19	87 (7)
Architecture	—	—	—	—	1	—	—	1	2	—	2	2	4
Town Planning	—	—	—	—	—	—	—	12	6 (2)	—	12	6 (2)	18 (2)
Arts	—	1	—	7 (2)	11 (3)	—	17 (5)	12 (5)	35 (8)	24 (7)	24 (8)	35 (8)	83(23)
Education	—	—	—	—	1	—	2	38 (9)	12 (4)	2	39 (9)	12 (4)	53(13)
Dentistry	—	1	—	4	1	—	2	2	5	6	4	5	15
Economics	—	—	—	—	3	—	—	11	6	—	14	6	20
Business Management	—	—	—	—	—	—	—	22	5	—	22	5	27
Engineering	—	—	—	18	10	—	20	1	16	38	11	16	65
Applied Science	—	—	—	—	—	—	1	2	3	1	2	3	6
Law	—	—	2	—	1	—	—	5 (1)	9	—	6 (1)	11	17 (1)
Medicine	8(1)	11	19(1)	4 (1)	2	—	1	1	—	13 (2)	14	19 (1)	46 (3)
Music	—	—	—	2	—	—	—	—	—	2	—	—	2
Science	—	—	2	165(11)	30 (3)	—	23 (3)	20 (8)	44 (5)	188(14)	50(11)	46 (5)	284(30)
Total	8(1)	13	23(1)	246(18)	65 (6)	—	81(10)	129(24)	162(19)	335(29)	207(30)	185(20)	727(79)

B. Candidates for Bachelor's Degrees:

	Honours (a)			Ordinary			Total			
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	Total
Agricultural Science	8	—	—	118 (7)	12 (4)	—	126 (7)	12 (4)	—	138 (11)
Architecture	14	—	—	131 (9)	41 (3)	—	145 (9)	41 (3)	—	186 (12)
Arts	74(33)	9(1)	—	1,015(586)	911(386)	142(37)	1,089(619)	920(387)	142 (37)	2,151(1,043)
Dentistry	—	—	—	194 (18)	17 (1)	—	194 (18)	17 (1)	—	211 (19)
Economics	5	—	—	175 (16)	253 (10)	1	180 (16)	253 (10)	1	434 (26)
Engineering	34	—	—	471 (1)	37	—	505 (1)	37	—	542 (1)
Law	4 (1)	—	—	295 (44)	45 (6)	—	299 (45)	45 (6)	—	344 (51)
Medical Science	3 (1)	—	—	—	—	—	3 (1)	—	—	3 (1)
Medicine	—	—	—	619 (91)	12	—	619 (91)	12	—	631 (91)
Music	6 (2)	—	—	50 (32)	12 (8)	—	56 (34)	12 (8)	—	68 (42)
Science	110(13)	—	—	973(209)	325 (73)	1	1,083(222)	325 (73)	1	1,409(295)
Technology	—	—	—	290 (1)	364 (1)	—	290 (1)	364 (1)	—	654 (2)
Applied Science	2	—	—	113 (9)	57 (3)	—	115 (9)	57 (3)	—	172 (12)
Pharmacy	—	—	—	121 (46)	21 (6)	—	121 (46)	21 (6)	—	142 (52)
Total	260(50)	9(1)	—	4,565(1,069)	2,107(501)	144(37)	4,825 (1,119)	2,116(502)	144(37)	7,085 (1,658)

(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 ..	34 (24)	227 (130)	54 (23)	—	1 (1)	—	34 (24)	228 (131)	54 (23)	316 (178)
Education (Post-graduate diploma) ..	49 (19)	90 (22)	2 (1)	—	—	—	49 (19)	90 (22)	2 (1)	141 (42)
Public Administration	—	12	—	—	5	—	—	17	—	17
Computing Science (Post-graduate Diploma)	3	16 (3)	—	—	—	—	3	16 (3)	—	19 (3)
Law (Final Certificate)	2	13	—	—	—	—	2	13	—	15
Music	—	1	—	4 (2)	—	—	4 (2)	1	—	5 (2)
Physical Education ..	112 (40)	17 (4)	5	—	—	—	112 (40)	17 (4)	5	134 (44)
Social Studies	45 (42)	20 (11)	—	—	3 (1)	—	45 (42)	23 (12)	—	68 (54)
Physiotherapy	94 (89)	—	—	—	—	—	94 (89)	—	—	94 (89)
Pharmacy (Diploma) ..	52 (13)	3	—	1	—	—	53 (13)	3	—	56 (13)
Total	391 (227)	399 (170)	61 (24)	5 (2)	9 (2)	—	396 (229)	408 (172)	61 (24)	865 (425)

D. Students taking Miscellaneous subjects:

	Full-time	Part-time	External	Total
Agricultural Science	—	1	—	1
Arts	2	27 (16)	3	32 (16)
Economics	—	7	1	8
Science	1	7 (2)	—	8 (2)
Technology and Applied Science ..	—	2	—	2
Miscellaneous (S.A.I.T.) (b) ..	1 (1)	99 (71)	—	100 (72)
Music (Elder Conservatorium) ..	—	339 (197)	—	339 (197)
Total	4 (1)	482 (286)	4	490 (287)

(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:

	1963	1964	1965	1966	1967
Arts	2,206	2,465	2,618	2,756	2,583
Education (Master's Degree) ..	17	24	26	34	52
Education (Postgraduate Diploma)	225	330	217	98	141
Economics	423	490	536	529	462
Public Administration	45	43	37	27	17
Business Management	4	10	23	19	27
Science	1,371	1,510	1,676	1,719	1,701
Computing Science	—	—	7	13	19
Agricultural Science	158	162	177	221	226
Engineering	492	501	530	600	607
Law	279	350	389	406	376
Medicine	637	661	675	631	677
Medical Science	2	5	5	1	3
Dentistry	123	178	202	230	226
Music (Degree and Diploma) ..	54	57	57	62	75
Music (Elder Conservatorium) ..	415	431	452	434	339
Technology	578	594	585	672	656
Applied Science	67	75	87	115	178
Architecture	128	152	187	199	190
Town Planning	10	9	26	21	18
Physical Education	133	138	131	150	134
Social Studies	118	135	175	106	68
Physiotherapy	85	81	81	91	94
Pharmacy	210	204	202	213	198
Optometry	7	—	—	—	—
Home Science (S.A.I.T.)	44	29	9	—	—
Miscellaneous (S.A.I.T.)	—	—	—	34	100
Total	7,831	8,634	9,110	9,381	9,167

Overseas Students: There were 397 overseas students (including 64 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Agricultural Science 6, Architecture 13, Arts 31, Dentistry 14, Economics 45, Engineering 82, Law 6, Medicine 43, Music 2, Science 46, Technology and Applied Science 35, Physiotherapy 1, Social Studies 1. Two students were taking University subjects as part of diploma courses at the South Australian Institute of Technology. Of the other 70 students 50 were

proceeding to the degree of Ph.D., and the rest to the degrees of M.Ag.Sc. (5), M.Sc. (5), M.A. (3), M.T.P., M.D., LL.M., M.E., M.Arch., M.D.S. and M.Ed.

One hundred and ninety-two of these students came from Malaysia, 61 from Singapore, 44 from Hong Kong, 15 from the U.K., 11 from India, 10 from New Zealand, 9 from Indonesia, 7 from Thailand, 6 each from Pakistan and the U.S.A., 5 each from Vietnam and Canada, 3 each from Ghana, New Guinea and Western Samoa, 2 each from Fiji, Kenya and Nepal and 1 each from Cambodia, Chile, Egypt, the Gilbert Islands, Jamaica, Japan, Lebanon, Nigeria, Scandinavia, Taiwan and Tanzania. Eighty of them (including 48 from Malaysia, 18 from Singapore and 7 from Indonesia) were sponsored under the Colombo Plan.

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):

Assistance	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Commonwealth Scholarship ..	1,511	61	—	515	10	—	2,097
Colombo Plan	58	—	—	19	—	—	77
Soldiers' Children Education Scheme	64	8	—	20	3	—	95
Commonwealth Government Cadetships or Studentships ..	85	13	—	2	1	—	101
Teachers' College	557	181	—	419	205	—	1,362
Leaving Honours or Matriculation Bursary	28	—	—	2	1	—	31
Leaving Bursary	111	5	—	40	1	—	157
S.A. Government Cadets ..	147	7	—	17	1	—	172
Education Department (teachers)	22	439	134	6	214	45	860
Others	347	219	—	78	90	4	738
Total Assurances	2,930	933	134	1,118	526	49	5,690
Multiple Adjustment (1) ..	185	11	—	50	16	2	264
Total Assisted Students	2,745	922	134	1,068	510	47	5,426
Total Unassisted Students ..	1,131	982	14	281	253	14	2,675
Total Students	3,876	1,904	148	1,349	763	61	8,101

(1) Adjustment for students receiving more than one form of assistance.

Barr Smith Library: The total number of volumes in the Library, with the three branches, at the end of 1967 was 436,388, including pamphlets individually catalogued. Of the total the Medical Library held 54,025, the Law Library 20,959, and the Elder Music Library 4,925. The Elder Music Library also held 9,584 pieces of music in sheets. Accessions for the year were 30,835 volumes, 728 pieces of music in sheets, and 3,216 reels of microfilm, while 1,221 volumes were withdrawn. Serial titles regularly received numbered 12,075.

Students, graduates and academic staff borrowed 170,915 volumes for home reading, including 17,864 borrowed overnight and at week-

ends from the reserve and multiple-copy collections. The corresponding total of loans in 1966 was 160,252. In addition, some 90,700 volumes were borrowed in 1967 from the reserve collection for use within the Library. The number of external students in the Faculty of Arts who joined the Country Lending Service was 111, and they borrowed 784 volumes by post. The Library lent 13,491 volumes to libraries in South Australia, and borrowed 139 from them. It lent 4,057 volumes to libraries in other States, and borrowed 997 from them.

Some 190,654 exposures were made on copying equipment in the Library.

Waite Institute Library: The Library added 825 volumes during 1967 to make its total holdings 22,667, including pamphlets individually catalogued. Serial titles regularly received numbered 3,300.

Evening Lectures: Evening lectures were given in the following subjects: Australian History, Biology, Chemistry I, Commercial Law B, Comparative Philology, Economics I and II, Economic Development II, Economic Geography, Economic Statistics I, Elements of Accounting, English I and II, Financial Accounting, French I, German II and IIB, Geography I and III, Geology I, History IA, IIB, IIIA and IIIB, Latin I, Mathematics (Economics), Music I, II and III, Philosophy I, II and IIIA, Physics I, Politics IIA, IIB and IIIB, Psychology I, IA, IIA and IIIB.

Department of Adult Education: Classes: The Board of Adult Education conducted 57 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 2,086. In addition, twenty-one Extension courses were offered for graduate and specialist audiences with an enrolment of 739.

Residential Courses: The W.E.A.'s residential college at Goolwa was again used for short residential courses. The following are the details—Eight week-end courses with 355 enrolled, one five-day school on Meteorology, enrolment 28, and a ten-day Painting School, enrolment 40.

Seminars and Conferences: Many short schools and conferences were held in Adelaide. A nine-day Music School attracted 75 students and a fourteen-day Drama School had an enrolment of 23. In addition, eight one- or two-day seminars were held on such topics as American History, The Swedish Correctional System, The War Game, Russia After 50 Years. The total enrolment was 741. The Proceedings of some of these conferences were published.

Special Activities: An eight-day Spring School in the Flinders Ranges, studying Geomorphology, Entomology, Botany, Ornithology and Local History, had an enrolment of 145. Special courses were also arranged for the 60 children who attended with their parents. A fourteen-day Autumn School in the Arunta country of Central Australia studying Desert Aborigines enrolled 28 students. A seven-day school in the Flinders Ranges enrolled 17 keen amateur ornithologists.

Country Work: Twenty-three one- to three-day schools held in country districts were attended by 675 students. Topics included Decentralisation, Social Welfare Counselling, Race Relations, Rhodesia, Vietnam, Co-operative History and Archives. Seventeen Extension lectures were attended by 622 people.

Fifteen new discussion courses were started in thirteen centres with a total enrolment of 182. Five courses started in previous years were completed. Seven publications were issued, including the Proceedings of the Eleventh Summer School of Business Administration, *The Vernon Report*. This publication is one of a series which began with the First Summer School of Business Administration. It is printed in royal octavo letterpress. The others are printed in quarto multilith with soft printed covers.

Student Health Service: The total number of individual services rendered during the year was 9,168; including 1,763 routine medical examinations of students, 1,559 casualties, 915 return visits from casualty service, 1,176 Poliomyelitis injections, 928 Tetanus Prophylactic injections and 1,971 Mantoux tests. The total does not include chest X-rays arranged by the Service at the City X-ray Unit.

Of the 1,559 casualties, 1,048 were illnesses, 398 accidents and 153 sports injuries.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 207 at the Supplementary Matriculation Examination in February; 13,849 at the Intermediate Examination in November; 10,376 at the Leaving Examination in November; and 4,283 at the Matriculation Examination in November. The growth of the number of candidates for the Public Examinations since 1961 is shown in the following table, from which some indication of the trend of new enrolments at the University in the next few years may be obtained.

CANDIDATES AT PUBLIC EXAMINATIONS, 1961-1967

	1961	1962	1963	1964	1965	1966	1967
Intermediate	- 11,577	12,988	13,450	13,860	13,887	13,866	13,849
Leaving	- 7,315	8,765	9,885	10,613	11,188	9,434	10,376
Leaving Honours	- 1,607	1,856	2,384	2,732	2,903	(a)	—
Matriculation (b)	- —	—	—	—	—	3,319	4,283

The Examinations were held at 84 metropolitan schools and colleges, 5 other metropolitan centres, and in country towns and districts at 92 schools and colleges and 34 other country centres.

The Public Examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,449 entries in theory and 4,578 in practice of music, 153 in musical perception and 65 in speech and drama.

13. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At a Meeting of the Council on February 3, 1967:

	Males	Females	Total
Ph.D. - - - - -	—	1	1
<i>At the Annual Commemoration Ceremony on April 26, 1967:</i>			
M.A. - - - - -	4	1	5
M.A. (<i>ad eundem gradum</i>) - - - - -	4	—	4
M.Ed. - - - - -	—	1	1
B.A. (Honours) - - - - -	18	31	49
B.A. - - - - -	117	100	217
B.A. (<i>ad eundem gradum</i>) - - - - -	2	1	3
M.D.S. - - - - -	1	—	1
B.D.S. (Honours) - - - - -	2	—	2
B.D.S. - - - - -	15	1	16
B.D.S. (<i>ad eundem gradum</i>) - - - - -	1	—	1
M.E. - - - - -	8	—	8
B.E. (Honours) - - - - -	28	—	28
B.E. - - - - -	37	—	37
M.App.Sc. - - - - -	1	—	1
B.App.Sc. (Honours) - - - - -	3	—	3
B.Mus. (Honours) - - - - -	1	2	3
B.Mus. - - - - -	4	6	10
Ph.D. - - - - -	2	—	2
Ph.D. (<i>ad eundem gradum</i>) - - - - -	2	—	2
Diploma in Computing Science - - - - -	3	—	3
Diploma in Education - - - - -	23	12	35
Diploma in Secondary Education - - - - -	7	5	12
Diploma in Primary Education - - - - -	8	1	9
Diploma in Pre-Primary Education - - - - -	—	1	1
Diploma in Arts and Education - - - - -	53	50	103
Diploma in Music - - - - -	—	1	1
Diploma in Pharmacy - - - - -	17	6	23
Diploma in Physical Education - - - - -	6	9	15
Diploma in Physiotherapy - - - - -	1	20	21
Diploma in Social Studies - - - - -	7	21	28

At the Annual Commemoration Ceremony on May 3, 1967:

	Males	Females	Total
D.Sc. (<i>ad eundem gradum</i>) - - - - -	1	—	1
Ph.D. - - - - -	29	2	31
Ph.D. (<i>ad eundem gradum</i>) - - - - -	7	—	7
M.Sc. - - - - -	7	—	7
B.Sc. (Honours) - - - - -	76	14	90
B.Sc. - - - - -	186	28	214

At the Annual Commemoration Ceremony on May 10, 1967:

	Males	Females	Total
Ph.D.	9	—	9
M.Ag.Sc.	2	1	3
B.Ag.Sc. (Honours)	5	—	5
B.Ag.Sc.	14	1	15
M.T.P.	1	—	1
B.Arch. (Honours)	4	—	4
B.Arch.	11	3	14
M.Ec.	3	—	3
B.Ec. (Honours)	6	—	6
B.Ec.	58	2	60
LL.B. (Honours)	7	2	9
LL.B.	33	10	43
M.D.	4	1	5
M.D. (<i>ad eundem gradum</i>)	1	—	1
M.S. (<i>ad eundem gradum</i>)	1	—	1
M.B., B.S.	78	20	98
M.B., B.S. (<i>ad eundem gradum</i>)	4	—	4
B.Med.Sc. (Honours)	1	—	1
B.Tech.	77	—	77
B.App.Sc.	8	—	8

At a Meeting of the Council on July 7, 1967:

	Males	Females	Total
Ph.D.	2	—	2
B.A.	3	1	4
M.E.	1	—	1
B.E. (Honours)	1	—	1
B.E.	1	—	1
B.Sc.	1	—	1
B.Tech.	1	—	1
Diploma in Social Studies	1	—	1

At a Meeting of the Council on December 20, 1967:

	Males	Females	Total
D.Litt.	1	—	1
M.B., B.S.	2	—	2

Totals: 82 candidates were admitted to higher degrees by examination or thesis, 16 were admitted to such degrees *ad eundem gradum*; 1,019 bachelor degrees were conferred by examination and 8 by admission *ad eundem gradum*; and 252 diplomas were awarded.

14. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1967 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 1967.

Signed on behalf of the Council,
K. A. WILLS,
Chancellor.

Adelaide,
October 4, 1968.

COMMEMORATION ADDRESSES, 1968

The Annual Commemoration Ceremonies were held on April 24, May 1 and May 8, 1968.

In opening the proceedings on April 24 the Chairman of the Education Committee (Professor E. S. Barnes) said:

Mr. Chancellor, Mr. Premier, Mr. Vice-Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

The University of Adelaide, in its 94 years of existence, has undergone many vicissitudes. The ten-year period, from the report of the Murray Commission and the entry of the Commonwealth Government into the field of tertiary education until 1967, may I fear prove to be one of its high spots. I say "fear", since from a maximum one can proceed in only one direction, and we have already taken many downward steps during 1967, which is the first of the three years covered by the third report of the Australian Universities Commission.

The story of the Commission's recommendations for the various Universities, and of the decision of Commonwealth and State Governments to reduce substantially the recommended grants, both in capital and recurrent funds, has received much publicity; it is not my purpose to recapitulate it here. Nor is it my wish to enter into the details of University budgeting: the figures are available in the University's Calendar for all to read. What I should like to spend a few minutes discussing is the effect of the financial stringency on the teaching programmes, both undergraduate and postgraduate, of the University.

The most obvious public effect has been the imposition of entrance quotas on all faculties and courses. Since, for example, the graduands in Dentistry present here today first entered the University in 1963 or earlier, it is clear, however, that some years must elapse before quotas can produce a stabilizing effect on total student numbers. Entrance quotas are commonplace in many parts of the world, for example in Britain; but here, until recently, any matriculated student has enjoyed the unrestricted right of entry to the University. It is ironic to recall that it was precisely to avoid the general imposition of entrance quotas that Flinders University was established in 1966. A plausible argument in favour of a highly selective entry into University courses is its beneficial effect on the graduation rate of the students admitted; for example, the failure rate in our Faculty of Medicine is quite low; it is markedly lower than the University average, and this is directly attributable to the current difficulty of entry into the course. Suppose then that, by stringent selection procedures, we achieve a failure rate of only 5%. Then, of every 20 students admitted, 19 graduate and only 1 does not. This state of affairs sounds quite desirable; but, interpreting these figures in a slightly different way, should we ever be satisfied with a situation where, in order to exclude 1 potential failure, the University must also reject 19 potential graduates? Entrance quotas have come to

our Universities, and they may be here to stay. But it would be unfortunate if the severity of the quotas, rather than following a consistent policy, were subject to large fluctuations, determined with little notice by a University's income in a particular year of triennium.

A second effect of the financial stringency, which is obvious enough to anyone who walks over the campus, is the small amount of new building which is taking place at the moment. Last year, the Ligertwood Building was completed; it now houses the Faculty of Law and, temporarily, the Departments of Classics and Philosophy. The new Dental School is nearing completion across Frome Road. Scheduled for completion in second term this year is the structure between the Staff Club and the Barr-Smith Library known as the Library Complex, Stage 1. This will contain some accommodation for the Department of Architecture, to replace and extend some of its present accommodation in the main Engineering building; a large lecture theatre, primarily for the use of the nearby Departments of Mathematics and Statistics; and some additional space for the Library.

The students' newspaper, "On Dit", recently suggested that these Library extensions were perhaps only intentions, and I very much hope that this is the case. For the Barr-Smith Library at present has seats for 1,000 readers; the student population of the faculties using the main library is over 7,000, while actual counts indicate that, during term, some 6,000 readers per day use the library. To achieve the normally accepted average ratio of 1 seat for every 3 or 4 readers, the main library needs to have its accommodation approximately doubled, and the University Council had in fact aimed at this figure for 1967. The increase in seating accommodation which will now be provided is about 16%.

Perhaps more serious than the problem of reading space is that of maintaining purchases of books and periodicals. The cost of periodicals increases by about 7% annually; in order to continue existing subscriptions and to purchase new titles, an average increase of 20% per annum was found necessary over recent years. But in 1967 the grant to the Library for books and journals was *reduced* by some 8%.

There are many more of these less obvious effects, some indeed whose impact may not be felt immediately but in a year or two's time. For example, in 1964 the University spent about \$40 per full-time student on teaching equipment; last year, the amount available was approximately \$10 per student.

In giving his Commemoration address in 1965, Sir Henry Basten, then Vice-Chancellor, discussed some of the implications of the Martin Committee, which had been set up to advise the Commonwealth Government on the future of tertiary education. The Committee considered that too much emphasis was placed on University education, and recommended the diversification of tertiary education. Although not all the Committee's recommendations were accepted, the last three years have seen the formation of the Wark Committee and the rapid growth of Colleges of Advanced Education. Sir Henry commented pointedly that diversification must be accompanied by a rapid expansion of the honours and research schools of the Universities, since from these schools come the teachers for tertiary institutions of

all kinds. Numbers of research students, and of higher degrees awarded, have indeed risen steadily in recent years; and the rate of increase has been considerably greater than that of undergraduate numbers. However, for the first time in 1968, qualified honours graduates wishing to work for higher degrees in this University were turned away through lack of financial support. This is a disturbing situation; and there are indications that it will be even more serious in 1969.

I should like to conclude by offering my congratulations and good wishes for the future to those who are about to receive their degrees. Many of you have been enrolled in professional faculties, and your degree today represents an entry card into the profession towards which you have been aiming for many years. For all of you, your degree represents the culmination of years of strenuous effort, so that this is indeed a day in which you can take great pride. This is perhaps even more true for the not inconsiderable number of students from South-East Asia who are graduating today, for they have had to contend with a foreign environment, a foreign culture and a foreign language, and a long period of separation from their families. As they return home, they carry our hope that the friendships they have formed here will be enduring ones and that they will always remember their University with affection.

On May 1, when His Excellency the Governor and Lady Bastyan were present, the Chancellor (Sir Kenneth Wills) opened the proceedings with the following address:

Your Excellency and Lady Bastyan, Mr. Deputy Chancellor, Mr. Vice-Chancellor, the Hon. Minister of Education, Members of the Council and Senate, Ladies and Gentlemen:

First, may I say to you, Your Excellency, and to Lady Bastyan, how pleased we are to have you with us on this occasion. We welcome Your Excellency as the Representative of Her Majesty the Queen, and as the Visitor to the University; and we welcome you both as friends of the University. We recall with pleasure that you have honoured us with your presence on similar occasions each year, whenever your numerous other duties have permitted. We are grateful for the interest in our welfare that you have displayed, and we are sorry that you are soon to leave South Australia. We know that you will not forget the University, and we rejoice that your son David will today be added to the list of our graduates; our only regret is that he will be receiving his degree *in absentia*.

On behalf of the whole University I extend to Your Excellency, and to Lady Bastyan, our thanks and our best wishes for the future.

At the first Commemoration Ceremony last year I referred to the services given to the University over many years by the Honourable

Sir George Ligertwood. It is with the greatest sadness that I have now to record that Sir George has since been lost not only to the University but to the whole community of South Australians, and indeed to all Australians.

Sir George was a man who regarded service to the public as his prime duty; and the many sincere tributes that have been paid to his memory testify to the high esteem in which he was held, not only for the many tasks he had undertaken for Australia, but also for the outstanding manner in which he invariably executed these duties.

In July last year the University Council decided to commemorate his work for the University by naming the new building which houses the Faculty of Law the "Ligertwood Building". This decision was an expression of our lasting debt to a great South Australian.

Sir George received the news with his customary modesty, but I know that it gave him real pleasure.

The last year also saw the deaths of two of our most distinguished Emeritus Professors: Professor Sir Kerr Grant and Professor Draper Campbell. Sir Kerr succeeded Sir William Bragg as Head of the Department of Physics in 1909, and he held that office until 1948 when he retired. He was a fine Physicist who had gained the love and respect of thousands of students.

Professor Draper Campbell had been associated with our Dental School for more than forty years, and he made important contributions not only to that school but also by his studies of aborigines.

More recently we have learned of the death of one of the University's most distinguished graduates, and one of the world's greatest Scientists: Lord Florey. He graduated from this University, with the degrees of Bachelor of Medicine and Bachelor of Surgery, in 1921; and he was South Australia's Rhodes Scholar for that year.

In 1935, he became Professor of Pathology and Head of the Sir William Dunn School of Pathology at Oxford University; and he held that post until 1962 when he became Provost of Queen's College, Oxford. He shared the Nobel Prize for Medicine in 1945 for his work on penicillin. He was knighted in 1944, was created a Life Peer in 1965, and admitted to the select membership of the Order of Merit in the same year. He was President of the Royal Society from 1960 to 1965, being the first Australian to be elected to that office; and his portrait, which hangs in this Hall, was commissioned by the University at that time.

On a happier note, may I refer to the appointment of our former Vice-Chancellor, Sir Henry Basten, as Chairman of the Australian Universities Commission. Sir Henry completed a distinguished term of office as Vice-Chancellor and retired in March last year. His sound judgment has been widely acclaimed, and it was to be expected that his services would be required in many spheres. We congratulate Sir Henry on his new and onerous appointment and extend to him our best wishes.

From those who have brought distinction to the University I should now like to turn to those on whom our hopes rest for the future.

We are assembled here today to confer degrees on those members of the University who have successfully completed the prescribed courses of study in the Faculties of Arts, Engineering, and Music. To all the graduands I extend my warm greetings, and I congratulate you on the successful completion of your degree work. Some of you have come to Adelaide from overseas countries. We hope that you have enjoyed the years you have spent among us, as we have been pleased to have you as our friends.

I should like to assure all the graduands that the University will watch your future careers with interest, whether your home is in South Australia, in other States, or overseas. You will always remain members of the University of Adelaide and our best wishes go with you.

There is no doubt that it is a great privilege to be able to attend a University as you have done; and there are many who must envy you the opportunity you have had. More people attend the University than ever before but, even now, less than 10% of the young men and women of the appropriate age groups do so. It is also well to remember that the University is heavily dependent on public funds and that students' fees contribute less than 14% to the expenses of the University.

I am sure that you will agree with me when I say that every privilege carries with it a corresponding responsibility: the old *noblesse oblige*. Without doubt you are all fired with those hopes and ambitions which always distinguish those on the threshold of a career. Others also have great hopes for you too: your parents, your friends, the University and the community which has nurtured you.

As long ago as 1802 President Joseph McKeen, the President of an American University, pointed out: "If it be true no man should live for himself alone, we may safely assert that every man who has been aided by a public institution to acquire an education and to qualify himself for usefulness, is under peculiar obligations to exert his talents for the public good."

Each of you will want to consider how you can be of service to your University and to the community. As a first step I hope you will keep in touch with the University by joining the Graduates' Union, and by taking part in the activities of the Senate—including the election of members of the University Council. Some of you may feel that you can contribute by becoming a member of a University Committee, of the Union Council, or of the University Council; alternatively, you may feel that you can make your best contribution by serving as one of the University's ambassadors to the community at large, and by helping to preserve the freedom of the University.

In the community, there are many different kinds of service, professional and other, and your own solution may be entirely different from that of your neighbour. Certainly your solution need not lie in material things, but perhaps in your contribution to the intellectual or aesthetic welfare of the community. Indeed, at the first Commemoration Ceremony ever held by the University in 1876, the then Governor reminded the congregation of Goethe's comment: "Look after the beautiful, the useful will look after itself."

Earlier in this address I had occasion to refer to Lord Florey, a man of whom the University will always be proud to say: "He was one of us." I recommend him to you as an example of the finest product of a University education, a man whose life was a continued and never-ending search for truth and knowledge in the service of the community of men and women. That is the path on which you are to embark today.

In opening the proceedings on May 8 the Vice-Chancellor (Professor G. M. Badger) said:

Mr. Deputy Chancellor, Mr. Warden, Members of the Council and Senate of the University of Adelaide, Ladies and Gentlemen:

There are 9,000 students attending courses in the University of Adelaide. Some are enrolled in only one or perhaps in two subjects; some are engaged in work leading to a diploma; but most are enrolled in courses of three, four, five or six years' duration leading to a degree. Nearly 350 students qualify for diplomas each year and more than 1,200 for degrees; and it has become customary to hold three Commemoration Ceremonies so that the degrees may be conferred. The different Faculties are divided between the three days in an arbitrary fashion, but changing from year to year.

Today, we are assembled to confer degrees on those men and women who have satisfactorily completed the prescribed courses in the Faculty of Architecture and Town Planning, and in the Faculty of Science.

The Faculty of Architecture and Town Planning is the youngest Faculty in the University as it was established only ten years ago. Teaching in architecture had been provided for some years under the aegis of the Faculty of Engineering; but it was recognised that for satisfactory development of the subject a separate Faculty was necessary. The University is proud of the achievements of its School of Architecture in this brief period, and looks forward to its future progress. Many members of the congregation may have visited the exhibition of students' work, the Architexpose, during the Festival of Arts. This exhibition was organised entirely by the students, and the novel exhibition arrangements were designed and constructed by the students. It is of interest that about 10,000 people visited the exhibition.

The Faculty of Science, on the other hand, dates back to the establishment of the University; and when teaching began in 1876 two of the four professors were scientists. Student numbers were small at first, but the Faculty has grown in both size and distinction.

These two Faculties, although very different, are alike in that they are both engaged in the three functions of the University: teaching, research and public service.

It would be difficult to exaggerate the importance of the teaching function of the University. There is a real need to improve the staff-student ratio so that more individual attention can be given to students; but the existing courses are always under review, and new teaching methods are used whenever these appear to be promising.

The Faculty of Architecture and Town Planning seeks to amalgamate a number of aspects of the sciences and the arts; and it lays particular emphasis on studio work and on the value of criticism of students' work by members of the staff, and by members of the profession.

In the Faculty of Science the courses have retained the same basic structure for several years, with new discoveries and new ideas being introduced from time to time to the syllabuses of the individual subjects. The great growth of Science in recent years has, however, brought an increased awareness of the interdependence of scientific disciplines, with a corresponding need to adapt and modify the course-structure. A student expecting to be trained in a particular discipline also needs to be trained to a high level in related fields which would previously have been regarded as different disciplines. Paradoxically, studies in greater depth need to be accompanied by studies in greater breadth.

In 1968, therefore, the Faculty has introduced an entirely new system for third-year work which will provide the student with much more flexibility in choosing courses suited to his or her interests and future needs. In previous years the departments each offered one course, or possibly two, at third-year level. Under the new arrangements, each traditional subject or discipline is divided into at least six smaller courses, known as units. A third-year student may still undertake six unit-courses in one department, and six in another; but if his interests and needs demand it, he may study eight unit-courses in one department and only four in another; or he may undertake six in one, four in another, and two in yet another department, and so on. Each combination of unit-courses is designated as a single subject, and there are now 39 such third-year subjects which may be chosen in this way instead of the ten previously available.

The importance of the research function of universities was first stressed by the German universities in the 19th century; and all universities now regard the search for new knowledge as an important part of their work.

In our own University the research function has been expanding rapidly in recent years, and it is good that this should be so. Much of the research work is associated with the training of gifted young graduates in research methods, and there is an increasing need for such research-trained graduates in the community: in tertiary educational institutions, in Government departments, and in industry and commerce. There are now more than 750 students who are proceeding to Master's degrees or to the degree of Doctor of Philosophy. Many of these are being trained in the Faculty of Science, and it may be noted that 51 graduates are to be awarded the degree of Doctor of Philosophy today, and 12 will be awarded the degree of Master of Science. More than 100 will be awarded Honours degrees.

The basic and the applied research which is in progress in the University is a significant contribution to the total research effort of the nation; and there is no doubt that the future development of Australia is strongly dependent on the nature and quality of the research work in our Universities. The research director of one of our largest industrial concerns has rightly commented that "A nation which does not develop and make full use of its scientific resources has no hope of survival as an independent nation in the world today."

Of course, research work is expensive; and the training of research workers is costly. University research is supported by grants which are made through the Australian Universities Commission, and by grants for specific and meritorious projects through the Australian Research Grants Committee. In addition, projects are supported by various industry committees, by Foundations, and by private benefactions.

These agencies and committees are admirable; but it cannot be denied that University research is under-financed, and that Australia is spending less on research and development than many other countries of comparable stature. I believe that there is a need for an Advisory Committee on Science and Technology to aid the scientific and technological development of Australia. Such a Committee could give advice on the desirable level of support for research and development in Australia and for its rate of growth, on priorities for areas requiring special support, on the application of scientific knowledge by primary and secondary industry, and on the scientific manpower needed for future developments.

The third function of the University, the public service function, also deserves comment. The President of Cornell University has claimed that "American universities became the heirs of the British tradition of undergraduate instruction and the German concern for graduate education and research and joined both to the new mission to be 'in the nation's service'." Whatever the origin of the belief in this third function, however, there can now be little doubt that the interdependence between the university and the community is such that neither can reject the other.

In the university sense, public service involves the extension of the university's highly trained and specialised talents and facilities into the community at large. There are many individuals, and many departments, within the University, well qualified to solve, or at least to help to solve, some of Australia's most pressing and difficult problems. Students, and members of the staff, are anxious to direct their talents and energies towards such problems; and indeed, many are being asked to do so. Members of the staff serve on committees advising State and Commonwealth Government departments and instrumentalities; and some act as consultants to industry and commerce.

Let me now return to the graduands who are shortly to be presented for their degrees in Architecture and Town Planning, and in Science. I congratulate you all in the successful completion of your degree work and I wish you every success in your future endeavours. Some of you will have come to Adelaide from overseas countries and will soon be returning to your homes. We have greatly valued your presence among us over the last few years, and in future years I hope you will remember your time here in Adelaide with affection.

As graduands in Architecture, and in Science, I believe you have at least one thing in common: you are all concerned with the environment in which we live. As architects and town planners you are concerned with the physical character of our cities, and the quality of the design of our homes, our buildings and our factories. As scientists you are concerned with the intimate nature of things, with the earth and the universe, with the utilization of our natural resources, with the synthesis and application of new materials, with the nature of life and of all biological processes.

There are many worthy tasks to be undertaken which will require work by sincere and devoted men and women; and I commend these tasks to you. It is work which holds out the possibility of rich rewards in pride of achievement.

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BADGER, GEOFFREY MALCOLM, Ph.D. (Lond.), D.Sc. (Glas.), F.R.I.C., F.R.A.C.I., F.A.A., Emeritus Professor, Vice-Chancellor.

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Financial Statements

1967

THE UNIVERSITY

Income and Expenditure Account for the

		INCOME		
NORTH TERRACE		<i>Schedule</i>	1967	1966
		\$	\$	\$
<i>Government Grants—</i>				
Government of S.A.—Under the				
University Act	.....	78,000		78,000
Grant for 1967	.....	6,507,000		5,944,000
			6,585,000	6,022,000
<i>Interest—</i>				
Treasury of South Australia	.....	84,578		65,813
Agent-General	.....	543		1,449
Mortgage Advances	.....	1,523		1,745
Interest—Electricity Trust of S.A.	.....	38,672		38,672
Interest—S.A. Gas Company	.....	6,331		4,810
		131,647		112,489
<i>Less Interest Credited to Special Funds</i>		59,867		53,911
			71,780	58,578
<i>Interest and Dividends on Investments</i>	.....		40,456	39,697
<i>Student Fees</i>	..... L		1,206,772	1,227,154
<i>Other Income</i>	..... M		44,582	52,028
 <i>Deficit, 1966 (transferred to Income and Expenditure Appropriation Account)</i>			—	55,425
			\$7,948,590	\$7,454,882

OF ADELAIDE

year ended 31st December, 1967

EXPENDITURE

NORTH TERRACE

	<i>Schedule</i>		1967	1966
		\$	\$	\$
<i>Departmental—</i>				
Salaries and Wages	A	4,679,187		4,227,898
Travelling Expenses—New Appointments		45,299		54,054
Faculty Expenses	B	58,081		62,085
Laboratory Maintenance Grants	A	383,146		366,824
Equipment and Furniture under \$10,000	A	88,163		96,615
			5,253,876	4,807,476
<i>Library—</i>				
Salaries		279,943		237,363
Books and Binding		214,012		233,452
			493,955	470,815
<i>Administrative Salaries</i>			374,877	338,658
<i>Research—</i>				
Salaries	A	208,986		213,932
Equipment under \$10,000	A	109,193		131,607
Equipment over \$10,000	A	—		71,759
Maintenance	A	74,453		110,072
Travelling Expenses	A	21,717		14,206
			414,349	541,576
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		231,269		226,805
Building Repairs, Minor Reconstructions and Maintenance of Site	C	156,416		233,675
Maintenance of Sports Grounds		31,358		27,551
			419,043	488,031
<i>Sundry—</i>				
Payroll Tax		137,658		128,726
Scholarships and Prizes	D	51,271		41,927
General Expenses—Printing, Stationery, Miscellaneous	E	290,137		258,418
Gas, Water, Electricity, Insurance	F	197,266		181,985
Special Grants	G	87,510		98,274
Study Leave	H	65,870		83,489
Superannuation Retiring Allowances		—		15,507
			829,712	808,326
<i>Surplus, 1967 (Transferred to Income and Expenditure Appropriation Account)</i>			162,778	—
			<u>\$7,948,590</u>	<u>\$7,454,882</u>

INCOME				
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
	<i>Schedule</i>	1967	1966	
		\$	\$	\$
<i>Government Grants—</i>				
Government of S.A.—Under the				10,000
University Act	.....	10,000		
Grant for 1967	.....	<u>1,115,000</u>		<u>1,055,000</u>
			1,125,000	1,065,000
<i>Interest</i>	..... N		23,256	24,499
<i>Other Income</i>	..... O		1,342	12,139
<i>Deficit</i> (Transferred to Income and Expenditure Appropriation Account)			<u>2,375</u>	<u>1,760</u>
			<u>\$1,151,973</u>	<u>\$1,103,398</u>

OF ADELAIDE

year ended 31st December, 1967

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	Schedule	1967	1966
		\$	\$
<i>Departmental—</i>			
Salaries and Wages	I	571,658	513,746
Travelling Expenses—New Appointments		160	1,434
Faculty Expenses		2,745	5,404
Laboratory Maintenance Grants	I	60,198	68,347
Equipment and Furniture under \$10,000	I	5,237	6,391
		<hr/>	<hr/>
		639,998	595,322
<i>Library—</i>			
Salaries		11,363	9,691
Books and Binding		14,521	16,950
		<hr/>	<hr/>
		25,884	26,641
<i>Administrative Salaries</i>		94,180	75,863
<i>Research—</i>			
Salaries	I	40,761	40,261
Equipment under \$10,000	I	23,059	30,431
Equipment over \$10,000	I	—	17,200
Maintenance	I	2,950	942
Travelling Expenses	I	205	128
		<hr/>	<hr/>
		66,975	88,962
<i>Maintenance of Property—</i>			
Caretakers' and Cleaners' Wages		25,249	23,657
Building Repairs, Minor Reconstructions and Maintenance of Site	J	56,508	63,151
		<hr/>	<hr/>
		81,757	86,808
<i>Sundry—</i>			
Payroll Tax		16,658	16,652
General Expenses—Printing, Stationery, Miscellaneous	K	54,293	54,026
Gas, Water, Electricity, Insurance		65,172	63,095
Study Leave		18,124	7,883
		<hr/>	<hr/>
		154,247	141,656
<i>Farm—</i>			
Wages (including Gardeners)		47,428	46,456
Maintenance		8,781	9,924
Equipment		1,829	3,038
		<hr/>	<hr/>
		58,038	59,418
<i>Mortlock Experiment Station—</i>			
Salaries		17,736	8,250
Maintenance		6,540	7,166
Equipment		4,802	11,374
Travel		1,816	1,938
		<hr/>	<hr/>
		30,894	28,728
		<hr/>	<hr/>
		\$1,151,973	\$1,103,398

THE UNIVERSITY

Income and Expenditure Account for the

INCOME			
	<i>Schedule</i>	1967	1966
		\$	\$
Total North Terrace	7,948,590	7,454,882
Total Waite Institute	1,151,973	1,103,398
		-----	-----
		\$9,100,563	\$8,558,280

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling \$1,292,562 detailed on pages 476-487 inclusive of these accounts.

OF ADELAIDE

year ended 31st December, 1967

EXPENDITURE

	<i>Schedule</i>	1967	1966
	\$	\$	\$
Total North Terrace		7,948,590	7,454,882
Total Waite Institute		1,151,973	1,103,398
		-----	-----
		<u>\$9,100,563</u>	<u>\$8,558,280</u>

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, 1967, 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 1967, 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, 7th May, 1968.

NORTH TERRACE 1967 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	60,262	211	17	—	—	—	—	60,490
Philosophy	47,786	28	—	1,848	—	—	—	49,662
Psychology	149,913	7,843	3,158	4,587	3,404	1,144	—	170,049
Politics	54,653	164	—	8	—	27	—	54,852
History	182,855	374	267	1,564	—	1,165	2,811	189,036
English	158,632	148	270	6,253	610	59	610	166,582
French	53,747	127	26	2,431	—	—	50	56,381
German	48,198	377	41	3,165	—	—	164	51,945
Geography	102,580	5,800	177	3,319	564	869	739	114,048
Australian Linguistics	10,713	263	—	1,539	—	511	—	13,026
Education	53,949	418	—	—	33	481	—	54,881
Economics	147,861	1,623	—	4,609	—	122	180	154,395
Commerce	51,497	566	—	1,919	—	14	—	53,996
Physics	254,928	34,465	6,852	28,065	6,255	9,804	1,264	341,633
Organic Chemistry	137,439	27,668	3,139	16,948	7,327	2,800	55	195,376
Physical and Inorganic Chemistry	202,473	32,530	7,488	20,369	7,830	1,129	—	271,819
Mathematics	188,224	961	353	4,951	3,700	878	1,546	200,613
Mathematical Physics	39,384	2,230	147	3,165	1,155	—	718	46,799
Geology	119,784	7,127	3,053	5,235	2,032	1,586	1,299	140,116
Economic Geology	31,809	2,351	—	375	2,591	127	71	37,324
Botany	109,211	11,043	2,586	12,373	3,084	2,713	1,262	142,272
Botany Field Stations	—	46	—	—	—	—	—	46
Zoology	127,482	12,436	2,085	16,315	1,303	2,798	1,193	163,612
Carried Forward	\$2,333,380	\$148,799	\$29,659	\$139,038	\$39,888	\$26,227	\$11,962	\$2,728,953

DEPARTMENTAL FUNDS EXPENDED—1967—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	\$2,333,380	\$148,799	\$29,659	\$139,038	\$39,888	\$26,227	\$11,962	\$2,728,953
Genetics	73,361	4,632	2,873	1,482	181	4,192	164	86,885
Biochemistry	88,823	19,249	8,981	6,421	7,048	2,821	234	133,577
Physiology	132,081	8,675	1,709	4,579	957	3,557	141	151,699
Medical Workshop	—	1,023	—	—	—	—	—	1,023
Microbiology	89,377	11,347	639	9,128	5,071	658	68	116,288
Pathology	96,613	5,448	575	62	1,970	200	346	105,214
Medical Animal House	—	2,992	103	—	—	—	—	3,095
Anatomy	92,262	4,285	346	—	1,711	57	—	98,661
Medicine	107,261	3,352	200	1,923	2,499	2,729	226	118,190
Obstetrics	70,657	5,724	170	1,700	4,069	563	—	82,883
Surgery	99,170	4,434	876	5,029	4,873	1,498	11	115,891
Child Health	49,298	1,687	2,956	1,347	75	796	—	56,159
Mental Health	41,220	711	254	—	1,568	35	14	43,802
Dentistry	203,216	6,992	4,480	2,596	19,047	4,330	182	240,843
Law	142,190	436	187	5,159	—	—	221	148,193
Music	62,510	—	—	8,748	389	754	—	72,401
Elder Conservatorium	115,843	8,141	755	—	—	—	—	124,739
Civil Engineering	141,637	5,231	212	2,942	3,296	643	9	153,970
Mechanical Engineering	129,697	5,423	1,186	—	2,693	2,193	225	141,417
Electrical Engineering	113,655	7,692	4,298	6,275	4,285	756	611	137,572
Chemical Engineering	98,438	7,347	988	1,830	1,623	2,998	116	113,340
Chem. Eng.—Materials Science	—	—	10,151	—	—	—	—	10,151
Architecture	89,636	2,615	2,284	—	545	274	141	95,495
Computing Science	82,578	34,007	540	6,323	931	1,972	—	126,351
Computing Block Grant	—	33,271	—	—	—	—	—	33,271
Social Studies	27,376	650	—	78	—	—	—	28,104
Carried Forward	\$4,480,279	\$334,163	\$74,422	\$204,660	\$102,719	\$57,253	\$14,671	\$5,268,167

DEPARTMENTAL FUNDS EXPENDED—1967—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	
Carried Forward	\$4,480,279	\$334,163	\$74,422	\$204,660	\$102,719	\$57,253	\$14,671	\$5,268,167
Engineering Workshop	—	4,424	1,000	—	—	—	—	5,424
Electron Microscope	—	2,506	—	—	—	560	—	3,066
Physiotherapy	38,630	356	250	231	—	—	—	39,467
Survey Camp	—	1,650	—	—	—	—	—	1,650
Barr Smith Library	—	13,616	1,853	—	—	—	—	15,469
Administration	—	—	4,929	—	—	—	—	4,929
Pensions and Gratuities	27,491	—	—	—	—	—	—	27,491
Physical Education	36,790	1,780	43	—	494	49	—	39,156
Mawson Institute	21,362	6,386	3,130	4,095	5,980	2,466	483	43,902
Caretakers and Cleaners	—	—	700	—	—	—	—	700
Ancillary Staff Superannuation	30,487	—	—	—	—	—	—	30,487
Central Animal House	16,974	13,302	397	—	—	—	—	30,673
Health Service	18,936	574	27	—	—	—	—	19,537
Language Laboratory	8,238	1,348	151	—	—	—	—	9,737
Radiation Safety	—	574	—	—	—	—	—	574
Books—for Research Purposes	—	—	—	—	—	14,081	—	14,081
Travelling Expenses—	—	—	—	—	—	—	—	—
New Appointments	—	—	—	—	—	—	6,563	6,563
Medical School Administration	—	27	638	—	—	—	—	665
Maintenance Workshop	—	—	164	—	—	—	—	164
Printing—University	—	—	—	—	—	—	—	—
Research Grant	—	—	—	—	—	44	—	44
Publications Committee	—	2,440	—	—	—	—	—	2,440
Napier Building Management Committee	—	—	459	—	—	—	—	459
	\$4,679,187	\$383,146	\$88,163	\$208,986	\$109,193	\$74,453	\$21,717	\$5,564,845

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1967 – Continued

EXPENDITURE

NORTH TERRACE

	\$	\$
B. Faculty Expenses—		
Arts—Printing and Stationery	5,108	
„ Advertising	1,816	
„ Additional Examiners and Supervisors	582	
Economics—Printing and Stationery	736	
„ Advertising	291	
„ Additional Examiners and Supervisors	17	
Science—Printing and Stationery	4,314	
„ Advertising	4,774	
„ Additional Examiners and Supervisors	3,369	
Medicine—Printing and Stationery	913	
„ Advertising	2,372	
„ Additional Examiners and Supervisors	469	
Commerce—Printing and Stationery	95	
„ Advertising	162	
Dentistry—Printing and Stationery	267	
„ Advertising	1,228	
„ Additional Examiners and Supervisors	809	
Law—Printing and Stationery	592	
„ Additional Examiners and Supervisors	1,462	
Music—Printing and Stationery	359	
„ Advertising	66	
Engineering—Printing and Stationery	1,990	
„ Advertising	1,473	
„ Additional Examiners and Supervisors	324	
Architecture—Printing and Stationery	214	
„ Advertising	468	
„ Additional Examiners	17	
Examination Expenses—Degree and Diploma	12,782	
Physical Education—Printing and Stationery	95	
„ „ Advertising	24	
Faculty Expenses—General	10,500	
Pharmacy—Printing	305	
Physiotherapy—Printing and Stationery	10	
„ Advertising	52	
Social Science—Printing	26	
	-----	\$58,081

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1967 — Continued

EXPENDITURE

	\$	\$
C. <i>Building Repairs, Minor Reconstructions and Maintenance of Site—</i>		
Miscellaneous	31,460	
Mitchell Building	2,880	
Elder Conservatorium	1,165	
Bonython Hall	422	
Prince of Wales Building	6,110	
Physics Building	3,280	
Darling Building	5,177	
Observatory	629	
Union Buildings	7,082	
Johnson Laboratories	4,192	
Benham Building	1,835	
Barr Smith Library	2,445	
Mathematics Building	1,750	
Main Engineering Building	4,867	
Mechanical Engineering Building	2,104	
Medical Building	15,933	
Mawson Laboratories	6,196	
Organic Chemistry Building	3,132	
R. A. Fisher Laboratories	4,997	
Napier Building	5,096	
Central Animal House	925	
Bragg Laboratories	1,213	
Staff Club Building	495	
Physical Education Centre	970	
Engineering Annexe	3,594	
Physical Chemistry Building	6,165	
Maintenance Workshop	242	
Mount Torrens Field Laboratory	252	
Field Station—St. Kilda	251	
Ligertwood Building	293	
Gardeners' Wages	19,435	
Maintenance of Site	11,829	
	\$156,416	

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1967

Name	Opening Balance 1/1/67	Income	Expenditure	Closing Balance 31/12/67
Barr Smith Prize for Greek	\$ 31	\$ 15	\$ 20	\$ 26
Andrew Scott Prize in Latin	—	11	12	—
James Gartrell Prize	59	22	20	61
John Howard Clark Prizes	457	71	50	478
The Tormore Prize	46	15	12	49
Byard Prize	47	33	12	68
Sir Archibald Strong Memorial Prize	593	77	50	620
Edith Hubbe and Harriett Cook Prize	370	66	50	386
Bunday Prize for English Verse	169	28	20	177
M. Rees George Memorial Prize	152	26	20	158
Hope Crampton Prize for French	5	12	10	7
Violet de Mole Scholarship for French	535	71	20	586
Weimar-Ohlstrom Prizes (German)	39	37	36	40
A. J. Schulz Prizes in German	656	172	—	828
Carried Forward	\$3,159	\$656	\$332	\$3,484

THE UNIVERSITY OF ADELAIDE

Schedules -- Income and Expenditure Account 1967 -- Continued

Name	Opening Balance 1/1/67	Income	Expenditure	Closing Balance 31/12/67
	\$	\$	\$	\$
Brought Forward	\$3,159	\$656	\$332	\$3,484
Fred Johns Scholarship for Biography	4,689	384	—	5,073
Tinline Scholarship for History and Politics	170	108	60	218
Natalia Davies Prize	34	32	40	26
Roby Fletcher Prize	—	16	20	—*
Jefferis Memorial Medals	85	8	48	45
Aust. Psychological Society Prize	10	10	10	10
Anna Florence Booth Prize	706	110	—	816
John Lewis Prize	—	10	10	—
Charles Fenner Prize in Geography	16	12	10	18
Archibald Grenfell Prize in Geography	24	13	11	26
New Education Fellowship	131	7	—	138
Edith Puddy Prize	4	14	12	6
Gavin David Young Lectureship Fund	998	295	—	1,293
John F. Kennedy Memorial Scholarship	—	197	200	—*
Ernest Ayers Scholarship—Botany	1,874	231	1,708	397
John Bagot Scholarship and Medal	1,341	115	40	1,416
Elsie Marion Cornish Prize	196	34	14	216
J. G. Wood Memorial Scholarship	127	59	50	136
Rennie Scholarship	136	36	160	12
Tate Memorial Medal	52	8	—	60
James Barrans Scholarship	779	322	500	601
J. R. Wilton Prize	29	51	50	30
Union Carbide Prize	—	100	200	Dr. 100
Sir Ronald Fisher Prize in Genetics	33	23	—	56
Sir Ronald Fisher Memorial Scholarship	15	136	60	91
G.S.R. Chemical Prize	100	100	100	100
R. K. Morton Scholarship in Biochemistry	8	108	100	16
Philips Prizes in Physics	—	600	600	—
D. G. Adam Memorial Prize	135	36	30	141
T. E. Barr-Smith Travelling Scholarship	1,989	2,007	1,904	2,092
R. K. Morton Scholarship in Agricultural Biochemistry	8	108	—	116
Angas Engineering Exhibition	149	405	90	464
Sir Robert Chapman Prize	59	33	21	71
Humes Prize in Civil Engineering	—	50	100	Dr. 50
Aust. Welding Institute Prize	—	40	80	Dr. 40
Aust. Dental Association Prize	—	32	32	—
James Hardie Prize in Civil Engineering	—	100	100	—
The Lokan Prize	55	12	20	47
E. V. Clark Prize in Electrical Engineering	230	11	29	212
Gerard Prize	42	42	42	42
Electricity Trust of S.A. Prize in Electrical Engineering	—	21	21	—
Electricity Trust of S.A. Prize in Electrical Power Engineering	—	100	100	—
The Cable Makers Association Prize	—	21	42	Dr. 21
S.A. Chamber of Manufactures Prize	—	20	40	Dr. 20
Philips Electrical Industries Prize	—	120	120	—
I. R. E. Fisk Prize	—	50	100	Dr. 50
Sir William Goodman Scholarship	1,205	510	400	1,315
Forwood Downs Scholarship	—	—	42	Dr. 42
Rutter-Jewell-Thomas Medal and Prize	449	74	—	523
Albright and Wilson Prize in Chemical Engineering	—	63	126	Dr. 63
Petroleum Refineries Prize	—	100	200	Dr. 100
Esso Standard Oil Prize	60	40	80	20
Stow Prizes and Scholarships	—	61	191	—*
R. W. Bennett Prize	185	57	48	194
Angas Parsons Prize	490	110	100	500
Justin Skipper Prize	132	21	15	138
Thomas Gepp Prize	148	27	20	155
Roy Frisby Smith Prize	79	101	100	80
Baker Scholarship in Law	1,983	587	375	2,195
The Elder Prize	—	—	20	—*
Sir Hugh Cairns Memorial Prize	486	137	60	563
Christopher and John Campbell Prize	110	55	50	115
Carried Forward	\$22,710	\$8,946	\$9,033	\$22,781

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1967 — Continued

Name	Opening Balance 1/1/67	Income	Expenditure	Closing Balance 31/12/67
	\$	\$	\$	\$
Brought Forward	\$22,710	\$8,946	\$9,033	\$22,781
Herbert John Wilkinson Memorial Prize	404	392	200	596
Smith Kline and French Prize in Microbiology	—	100	100	—
Dr. Davies-Thomas Scholarships	35	61	60	36
J. B. Cleland Prize—Pathology	19	14	10	23
T. L. Borthwick Memorial Prize	27	11	10	28
Archibald Watson Prize	27	18	16	29
Dr. Chas. Gosse Lectureship	1,438	184	—	1,622
Everard Scholarship	105	105	100	110
Lister Prize	15	10	7	18
A.M.A. Prize	—	43	43	—
William Gardner Scholarship	—	204	204	—
Mead Johnson Paediatric Prize	Dr. 53	105	52	—
Carnation Company Prize	—	42	42	—
The Shorncey Prize	508	115	200	423
Aust. College of General Practitioners Prize	—	40	40	—
Ruth Heighway Memorial Prize	45	72	70	47
Pfizer Prize in Microbiology	Dr. 50	100	50	—
Pfizer Prize in Gynaecology	—	100	50	50
Johnson & Johnson Prizes	—	200	200	—
Bertha H. Sudholz Scholarship	1,175	256	600	831
T. G. Wilson Travelling Scholarship	1,320	297	500	1,117
Roche Products Prize	Dr. 40	60	20	—
John Barker Scholarship	1,495	367	150	1,712
Keith Sheridan Prizes	506	105	80	531
Mental Health Association Prize	—	50	50	—
Eugene Abraham Matison Prize	—	50	50	—
Aust. Society of Orthodontists	—	40	—	40
Thomas D. Hannon Prize	106	19	—	125
Dental Board of S.A.	51	31	30	52
General Practice Study Group Prize	—	21	21	—
Malcolm Joyner Prize	21	21	21	21
Austin Bazely Prize	497	25	525	—*
G. O. Lawrence—Scholarship or Fellowship	—	612	—	612
Professor J. H. B. Tew Prize	21	10	10	21
Adelaide Chamber of Commerce Prize in Economics	—	21	21	—
Economic Society Prize	—	42	42	—
John Lorenzo Young Scholarship	462	52	30	484
John Creswell Scholarship	930	177	—	1,107
George Thompson Bursary	129	21	—	150
Archibald Mackie Bursary	103	15	—	118
Joseph Fisher Medal and Lecture	99	101	142	58
Aust. Society of Accountants Prize	—	210	60	150
Institute of Chartered Accountants Prize	—	21	21	—
John Storey Prize in Business Management	—	63	63	—
Kenneth and Hazel Milne Travelling Scholarship	2,820	932	—	3,752
James Hardie Prize in Architecture	—	100	100	—
S.A. Gas Co. Prize in Architecture	100	200	200	100
Clive E. Boyce Scholarship	1,071	554	—	1,625
Royal Australian Institute of Architects (S.A. Chapter) Prize	—	63	63	—
George Murray Scholarships	—	27,000	21,605	5,395
Chapman Memorial Scholarship	1,055	198	140	1,113
Baillieu Research Scholarships	5,129	740	—	5,869
W. Donnithorne Award	879	370	—	1,249
David Murray Scholarship	3,664	440	3,700	404
John L. Young Scholarship	1,310	125	1,080	355
St. Alban Scholarship	75	19	—	94
United Nations Prize	418	31	—	449
Hartley Studentship	28	61	—	89
William Culross Prize	39	26	25	40
Mining and Metallurgical Bursaries	—	300	300	—
Thorner Bursary	124	49	90	83
Way College Old Collegians Prize	44	21	21	44
Carried Forward	\$48,861	\$44,778	\$40,247	\$53,553

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1967 — Continued

Name	Opening Balance 1/1/67	Income	Expenditure	Closing Balance 31/12/67
Brought Forward	\$48,861	\$44,778	\$40,247	\$53,553
Tennyson Medal	8	10	—	18
Hardwicke College Prize	29	11	12	28
Annic Montgomerie Martin Prize	33	16	51	—*
J. E. Jenkins Scholarship	2,068	792	400	2,460
Eva Lines Memorial Scholarship	293	64	30	327
Eric Smith Scholarship	—	65	168	—*
E. W. Way Lectureship	286	61	—	347
Alexander Clark Memorial Prize	250	38	—	288
Eugene Alderman Scholarship	195	83	37	241
Selbourne Moutray Russell Scholarship	671	133	—	804
Lucy Josephine Bagot Prize	114	53	100	67
J. Varley Scholarship	653	132	33	752
Anders and Reimers Scholarship	814	117	21	910
Robert Whinham Prize	42	11	—	53
Gladys Lloyd Thomas Scholarship	198	60	50	208
E. Harold Davies Scholarship	207	60	48	219
Florence Cooke Violin Prize	72	15	—	87
Dr. Ruby Davy Scholarship	340	46	60	326
Guli Magarey Scholarship	50	51	100	1
Frederick Bevan Memorial Scholarship	371	79	60	390
Elder Overseas Scholarship	1,175	3,528	1,725	2,978
Maude Puddy Scholarship	296	65	50	311
Athol Lykke Award for Postgraduate Studies	1,524	344	—	1,868
Lienau Prize	210	61	40	231
Clement Q. Williams	86	52	100	38
William Silver Scholarship	70	167	160	77
Mrs. Arnot Pontt (May Gepp) Scholarship	52	53	50	55
Norman Chinner Scholarship	60	60	120	—
	\$59,028	\$51,005	\$43,662	\$66,637

*The closing balances of these scholarship accounts have been transferred to the Income and Expenditure Account.

Expenditure (Column 3)	43,662
Excess—Closing Balance	66,637
Opening Balance	59,028
	\$51,271

EXPENDITURE

NORTH TERRACE

E. General Expenses—	\$	\$	\$
Caretaking and Cleaning	.....	.....	18,026
Miscellaneous Charges	.....	.....	16,624
Printing and Stationery—General	.....	.....	59,388
Advertising—General	.....	.....	1,585
Bank Charges, Duty Stamps and Exchange	.....	.....	2,521
Postages and Telegrams	.....	.....	26,996
Maintenance of Office Machines	.....	.....	3,928
Auditors' Fees and Legal Expenses	.....	.....	3,351
Senate	.....	.....	1,665
Telephone Charges	.....	.....	55,072
Calendar—Printing	.....	.....	17,592
Fire Protection Charges	.....	.....	3,032
Laundry Services	.....	.....	9,626
Travelling Expenses	.....	.....	316
Carried forward	.....	.....	219,722

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1967 — Continued

EXPENDITURE

NORTH TERRACE

Brought forward	219,722	
Australian Vice-Chancellors' Committee—		
Expenses	6,904	
Maintenance of Lifts—General	6,106	
Maintenance of Lifts—Medical Building	998	
General Service Vehicle Maintenance	1,753	
Staff Fees Payable to Institute of		
Technology and other Schools	2,245	
Heating Fuel Account—Napier Building	2,084	
Heating Fuel Account—Ligertwood Building	32	
Heating and Ventilation Account—Barr Smith		
Library	462	
Heating Fuel—Bragg Laboratories	59	
Geography Excursions	1,176	
Geology Excursions	829	
Botany Excursions	633	
Dental Lockers	31	
Laboratory Breakages	10,056	
Workshop Overhead Expenses	11,949	
Department Removals and Expenses	27	
Martindale Hall Expense Account	5	
Loss on Devaluation of Sterling	3,244	
Public Examination Board—transfer to		
reduce deficit	25,000	
	<u>293,315</u>	
<i>Deduct Credit Balances—</i>		
Discount Received	3,178	
	<u> </u>	\$290,137
<i>F. Gas, Water, Electricity and Insurance—</i>		
Gas and Electricity Supply	112,266	
Water Rates	33,116	
Insurance Premiums	51,884	
	<u> </u>	\$197,266
<i>G. Special Grants—</i>		
Australian Journal	5,000	
Adult Education	53,500	
Publications Fund	600	
Graduates' Union	500	
Staff Club	400	
Clerical Assistance—Staff Club	800	
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	5,000	
University Colleges	11,010	
	<u> </u>	\$87,510
<i>H. Study Leave—</i>		
General	48,661	
Research-type Conferences	12,336	
Visiting Lecturers	2,344	
Short Overseas Conferences	2,529	
	<u> </u>	\$65,870

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	160,771	11,998	—	4,027	5,116	1,243	—	183,155
Agricultural Biochemistry and Soil Science	135,793	16,254	—	6,844	4,062	—	145	163,098
Plant Pathology	101,454	7,804	—	10,006	4,207	9	60	123,540
Entomology	89,930	6,552	—	1,317	2,591	304	—	100,694
Plant Physiology	47,209	7,478	—	6,094	2,328	540	—	63,649
Animal Physiology	32,594	5,923	—	—	3,081	—	—	41,598
Pensions and Gratuities	3,907	—	—	—	—	—	—	3,907
Biometry	—	—	—	6,697	—	—	—	6,697
Administration	—	—	4,362	—	—	—	—	4,362
South Wing Basement	—	418	—	—	—	—	—	418
Glasshouses	—	3,744	—	—	—	—	—	3,744
Furniture	—	—	875	—	—	—	—	875
Electron Microscope	—	—	—	2,491	123	783	—	3,397
Electronics Workshop	—	—	—	3,285	1,551	71	—	4,907
Students' Laboratory	—	27	—	—	—	—	—	27
	\$571,658	\$60,198	\$5,237	\$40,761	\$23,059	\$2,950	\$205	\$704,068

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1967 — Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	\$	\$	\$
J. <i>Building Repairs, Minor Reconstructions and Maintenance of Site:</i>			
Miscellaneous			12,309
Houses and Cottages ...			1,014
Buildings General			5,388
Minor Works ...			21,816
Gardeners' Wages			9,123
Road Repairs ...			1,105
Maintenance of Site			5,753
			\$56,508

K. *General Expenses—*

Telephone			12,918
Printing and Stationery			7,247
Freight and Cartage			128
Photography			1,207
Publications ...			1,760
Travelling Expenses—			
General Administration ...			1,970
Agronomy and Plant Breeding			5,051
Agricultural Biochemistry and Soil Science			793
Plant Pathology ...			2,534
Entomology			4,327
Plant Physiology			906
Safety Committee			2,030
Postages			2,814
Laundry			1,607
Cleaners' Materials			2,111
Sundries			6,374
Travelling Expenses—			
Farm			80
Animal Physiology			436
			\$54,293

INCOME

NORTH TERRACE

L. <i>Fees—</i>			
Arts ...			166,627
Economics			68,834
Science			226,785
Medicine			189,312
Dentistry			55,629
Law			94,149
Music ...			10,554
Conservatorium			24,747
Engineering			135,686
Technology			7,298
Social Studies ...			21,365
Physiotherapy			21,106
Agricultural Science ...			33,242
Physical Education ...			4,598
Architecture			47,646
Pharmacy			9,721
General Service Fee ...			89,473
			\$1,206,772

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1967 — Continued

INCOME

NORTH TERRACE

M. Other Income—

	\$	\$	\$
Rent Investment—Properties	4,103		
Less Maintenance—Properties	1,861		
	<u> </u>	2,242	
Calendar Sales		2,075	
Examination Paper Sales		9	
Hire of Rooms		766	
Statement of Academic Record		1,182	
Commonwealth Government Grant— Physical Education		4,200	
Superannuation Commission		4,243	
Library Fees		401	
Library Fines		6,020	
Donations—Chair of Mental Health		6,400	
Commonwealth Postgraduate Scholarships		10,000	
Annual Contribution by Union to Health Service		7,425	
Administration Charge Refund P.E.M.		2,009	
		<u> </u>	
		46,972	
Less Transfer to Fund for Replacement of Major Equipment and Plant	10,000		
Less Transfer to meet Deficit of Income and Expenditure Appropriation Account at 31/12/66	2,523		
	<u> </u>	<u> </u>	
		12,523	
			34,449

External Scholarships and Prizes—

Byard Prize	11		
Hope Crampton Prize	11		
Weimar-Ohlstrom Prizes	36		
Australian Psychological Society Prize	10		
John Lewis Prize in Geography	10		
Charles Fenner Prize in Geography	11		
Sir Archibald Grenfell Prize in Geography	12		
J. G. Wood Memorial Scholarship	53		
J. R. Wilton Prize	51		
Union Carbide Prizes	100		
Sir Ronald Fisher Prize in Genetics	21		
C.S.R. Chemicals Prize	100		
Philips Prizes in Physics	600		
T. E. Barr Smith Travelling Scholarship— Agriculture	1,900		
Humes Prize in Civil Engineering	50		
Australian Welding Institute Prize	40		
Australian Dental Association Prize	31		
James Hardie Prize in Civil Engineering	100		
Gerard Prize	42		
Electricity Trust of S.A. Prize	21		
Electricity Trust of S.A. Prize in Electrical Power Engineering	100		
The Cable Makers Association Prize	21		
S.A. Chamber of Manufactures	20		
		<u> </u>	
Carried forward		3,351	34,449

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

INCOME

NORTH TERRACE

	\$	\$	\$
Brought forward		3,351	34,449
Philips Electrical Industries Prizes in			
Electronics		120	
I. R. E. Fisk Prize		50	
Sir William Goodman Scholarship		457	
Rutter Jewell-Thomas Medal and Prize		51	
Albright & Wilson Prize in Chemical			
Engineering Design		63	
Petroleum Refineries (Aust.) Pty. Ltd.			
Prize		100	
Esso Standard Oil (Aust.) Pty. Ltd. Prize		40	
Smith Kline & French Prize in Microbiology		100	
A.M.A. Clinical Medicine Prize		43	
Mead Johnson Paediatric Prize		105	
Carnation Company Prize		42	
Australian College of General Practitioners			
Prize		40	
Pfizer Prize in Microbiology		100	
Pfizer Prize in Gynaecology		100	
Johnson & Johnson Prizes		200	
Roche Products Prizes		60	
Mental Health Association Prize		50	
Australian Society of Orthodontists		40	
General Practice Study Group		21	
Malcolm Joyner Prize		21	
G. O. Lawrence Scholarship in Conservative			
Dentistry		449	
Adelaide Chamber of Commerce Prize		21	
Economic Society Prize		42	
Australian Society of Accountants Prize		210	
Institute of Chartered Accountants Prize		21	
John Storey Prize in Business Management		63	
Kenneth and Hazel Milne Travelling			
Scholarship in Architecture		779	
James Hardie Prize in Architecture		100	
S.A. Gas Company Prize in Architecture		200	
Royal Australian Institute of Architects			
(S.A. Chapter) Prize		63	
Mining and Metallurgical Bursaries		300	
Florence Cooke Violin Prize		11	
Elder Overseas Scholarship		2,460	
Athol Lykke Award for Postgraduate Studies			
in Music		260	
		-----	10,133
			\$44,582

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1967 – Continued

INCOME

NORTH TERRACE

	\$	\$	\$
N. Interest and Dividends—			
Peter Waite Trust Fund		7,310	
Elizabeth MacMeikan Estate		7,200	
Hugh Hughes Estate		4,399	
James Waite Estate		100	
W. D. Crigg Estate		424	
W. H. Sandland		2,028	
Mrs. L. M. Owen-Smyth		295	
Ranson Mortlock		1,500	
		<u> </u>	\$23,256
<hr/>			
O. Sundry Income—			
Sundry Sales		196	
Sundry Rents		1,142	
Bacterial Culture		4	
		<u> </u>	\$1,342
<hr/>			

NORTH TERRACE

LIABILITIES AND TRUSTS

	<i>Schedule</i>	1967	1966
		\$	\$
			4,449
<i>Endowments and Grants—</i>			
General	(1)	2,929,353	2,853,357
Sale of Country Land		80,000	80,000
Sale of Alverstone Estate		24,000	24,000
Grants, Donations for University Site	(2)	23,552	23,552
Contributions to Buildings and Fittings:			
Government of S.A.		4,015,407	4,037,157
Commonwealth Government		3,860,206	3,881,955
From Accumulated Funds		449,132	449,132
University Union Building Appeal		215,893	215,893
Sundry Donations	(3)	56,607	56,607
		11,654,150	11,621,653
 <i>Reserves and Special Funds—</i>			
Invalidity Scheme Fund		74,518	66,393
Personal Superannuation Accounts		733,879	689,800
Ancillary Staff Superannuation		129,031	100,627
Share Fluctuation Reserve		131,162	131,162
Fund for Replacement of Major Plant		74,869	74,000
Motor Vehicle Replacement Fund		9,239	11,266
Grants for Buildings, Fittings and Major Equipment:			
Government of S.A.		768,695	93,695
Commonwealth Government		768,695	93,695
Donation towards Purchase of Land		40,000	40,000
Bank of Adelaide		45,342	139,876
Scholarship Funds	(4)	67,124	59,271
Library Funds	(5)	36,651	44,484
Special Funds	(6)	1,458,274	1,230,111
Income and Expenditure Appropriation Account	(7)	160,403	—
		4,497,882	2,774,380
Carried forward		\$16,152,032	14,396,033

OF ADELAIDE

Accounts as at 31st December, 1967

NORTH TERRACE

ASSETS

Schedule	1967	1966
\$	\$	\$

Investment of Endowments and Grants—

Commonwealth Inscribed Stock (16)	65,808	59,669
Share and Stock Investments (17)	1,433,628	1,400,949
University Site (18)	23,552	23,552
University Buildings (18)	9,432,605	9,432,605
Other Land and Buildings (19)	409,601	399,123
Advances on Mortgage (20)	26,861	31,660
Funds held by Trustees .. (21)	20,095	20,095
Funds due to the University (22)	242,000	254,000

-----	11,654,150	11,621,653
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Investment of Reserves and Special Funds—

Electricity Trust Debentures (23)	608,753	480,008
Investment Properties and Improvements (23)	4,995	11,227
Current Balances:		
Invested on Deposit with Treasury of S.A.	2,048,016	1,756,437
Agent-General for S.A., London	17,880	6,595
Cash Debtors (24)	204,826	235,308
Buildings in Progress (25)	1,613,412	282,282
Income and Expenditure—Appropriation Account	—	2,523

-----	4,497,882	2,774,380
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Carried forward (23)	\$16,152,032	14,396,033
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THE UNIVERSITY

Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	<i>Schedule</i>	1967	1966
	\$	\$	\$
Brought forward		16,152,032	14,396,033
<i>Funds Expended on Equipment—</i>			
Contributed from Accumulated Income	478,575		478,575
Donations for Equipment	(8) 1,531,378		1,203,418
Donations for Library	(9) 100,096		83,833
<i>Funds Provided by Government of S.A.—</i>			
Equipment and Furniture	3,249,452		3,054,834
Library	1,623,916		1,409,904
Equipment over \$10,000	169,947		170,417
<i>Funds Provided by Commonwealth Government—</i>			
Equipment and Furniture	370,107		370,107
Equipment over \$10,000	169,947		170,417
		7,693,418	6,941,500
 <i>WAITE AGRICULTURAL RESEARCH INSTITUTE—</i>			
Endowments—General	(10) 534,856		546,853
Endowments for Laboratories	(11) 70,000		70,000
Donations	(12) 631,668		560,632
Contributed from Accumulated Income	185,393		185,393
Unexpended Funds	(13) 223,162		177,574
Motor Vehicle Replacement Fund	10,230		15,103
Funds Provided for Buildings, Fittings and Equipment:			
Government of S.A.	(14) 1,391,987		1,292,163
Commonwealth Government	(15) 250,528		242,528
		3,297,824	3,090,246
 <i>Anti-Cancer Foundation—</i>			
Lord Mayor's Cancer Appeal \$245,133			
Add Surplus 1967	2,585		
	247,718		245,132
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	6,366		—
		417,709	408,757
		\$27,560,983	\$24,836,536

OF ADELAIDE

Accounts as at 31st December, 1967

NORTH TERRACE

ASSETS

	Schedule	\$	1967 \$	1966 \$
Brought forward .....	.....		16,152,032	14,396,033
<i>Equipment—</i>				
Equipment and Furniture	(26)	5,796,655		5,275,011
Library Books and Binding	(27)	1,896,763		1,666,489
			-----	-----
			7,693,418	6,941,500
 <i>WAITE AGRICULTURAL RESEARCH INSTITUTE—</i>				
Electricity Trust Debentures		52,422		136,943
Share and Stock Investments	(28)	15,097		15,098
Funds held by Trustees	(29)	230,207		230,208
Land, Urrbrae House	(30)	108,909		108,909
Buildings	(31)	981,759		930,442
Equipment and Furniture	(32)	1,585,314		1,404,167
Library	(33)	178,817		164,296
Current Balances—Cash, Debtors	(34)	82,029		36,913
Mortlock Experiment Land		63,270		63,270
			-----	-----
			3,297,824	3,090,246
 <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		8,540
Equipment		6,366		—
			-----	-----
			417,709	408,757
			<u>\$27,560,983</u>	<u>\$24,836,536</u>

LIABILITIES AND TRUSTS

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests—

Estate of Late Clement Phillipson
 Estate of Late Georgina M. Dowling
 Estate of Late Constance Fraser
 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 H. Farmer
 Estate of Late F. Beeching
 Estate of Late N. B. C. Chapman
 Estate of Late P. S. Hossfield
 Estate of Late A. R. Riddle
 Estate of Late Helen Mary Mayo
 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 F. G. McLaughlin (Balance)

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, 1967, 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, 1967

ASSETS

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests—

As listed opposite

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 7, 1968.

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967

LIABILITIES AND TRUSTS

NORTH TERRACE		\$	\$
1. <i>Endowments</i> -			
Sir George Murray (for General Purposes)		173,534	
Less Transferred to Equipment		1,000	
		<u>173,534</u>	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	
		<u>80,000</u>	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)			207,833
T. E. Barr Smith (for Library Building)			69,438
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			47,494
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	
		<u>72,345</u>	72,418
S. D. Holdsworth Estate ..			60,912
Reginald Walker Bequest ..			40,000
Sewell Myers Research Bequest ..			40,000
G. Collin Estate ..			40,000
Family of the late John Darling (for Darling Building)		30,000	
Sir George Murray (used for Darling Building)		2,000	
		<u>32,000</u>	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 Investment Ltd.		5,000	
Richards Industries Ltd.		4,000	
British Tube Mills (Aust.) Pty. Ltd.		4,000	
Kelvinator Australia Ltd.		2,000	
		<u>50,000</u>	50,000
Carried forward			<u>2,196,819</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$
Brought forward		2,196,819
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		62,550
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		11,444
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 Scholarships 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		7,500
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	4,760	
Less Transferred to Equipment	2,013	
	<hr/>	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 Johns Scholarship Fund		3,000
Sir Ronald Fisher Memorial Scholarship Fund		2,713
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
	<hr/>	<hr/>
Carried forward		2,638,434

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$
Brought forward		2,638,434
John L. Young Scholarship Fund		3,000
Shorney Prize and Medal Fund		2,000
Selbourne Moutray Russell Scholarship Fund		2,000
Varley Scholarship Fund		2,000
Sir Mark Mitchell Donation towards Furnishing New Council Room		2,000
Roy Frisby Smith Prize Fund		2,000
Sir Mark Mitchell (for Animal Culture House)		1,847
The Angas Parsons Prize Fund		1,800
S.A. Orchestra Permanent Fund		1,746
Anders & Reimers Scholarships Fund		1,519
Elizabeth Jackson Memorial Library Fund		1,500
Anna Florence Booth Prize Fund		1,500
Eugene Alderman Scholarship Fund		1,480
Ruth Heighway Memorial Prize Fund		1,408
Sydney Norman Bequest		1,400
Eric Smith Scholarship Fund		1,300
For Anti-Cancer Committee-		
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	
	<hr/>	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		1,200
Nathan Netter Fund		1,060
J. G. Wood Memorial Fund		1,027
Miss Julia Stuckey (for Botany Laboratory)		1,006
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 Q. 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
	<hr/>	2,856,110
Carried forward		2,856,110

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$
Brought forward		2,856,110
Maude Puddy Scholarship Fund		1,000
Rutter Jewell-Thomas Prize Fund		1,000
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
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
Bunday 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
Carried forward		2,885,849

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward			2,885,849
Lokan Prize Fund			200
Thomas L. Borthwick Prize Fund			200
Robert Whinham Prize Fund			169
Kate Helen Weston Fund			135
Tate Memorial 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
			<u>\$2,929,353</u>
2. Grants and Donations for University Site—			
Land Endowment		10,000	
Special Donations for Fences and Gates—			
R. Barr Smith	800		
Hon. Sir John Duncan	500		
W. H. Duncan	2,000		
Sir Walter Young	<u>2,000</u>		
		3,300	
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>
3. Contributions to Buildings and Fittings (Sundry Donations)—			
Unemployment Relief Council		24,000	
Pharmaceutical Society of S.A.		600	
Commonwealth Department of Commerce	25,004		
Less Advances for Equipment—			
Animal Culture House	1,506		
		<u>23,498</u>	
I.G.Y. (Seismograph Vault)		4,000	
C.S.I.R.O. (Mawson Laboratories)		1,650	
Radio Research Board (Building at St. Kilda)		2,859	
		<u>\$56,607</u>	
4. Scholarship Funds—			
Barr Smith Prize		26	
James Gartrell Prize		60	
John Howard Clarke Prize Fund		478	
Tormore Prize		49	
Byard Prize		68	
Sir Archibald Strong Memorial Prize		620	
Edith Hubbe and Harriet Cook Prize		386	
Bunday Prize Fund		177	
		<u>1,864</u>	
Carried forward			1,864

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward		1,864	
M. Rees George Memorial Prize		158	
Hope Crampton Prize		7	
Violet de Mole Prize		586	
Weimar-Ohlstrom Prizes		40	
A. J. Schulz Prizes		828	
Fred Johns Scholarship		5,073	
Tinline Scholarship		218	
Natalia Davies Prize		26	
Jefferis Memorial Medal		45	
Australian Psychological Society Prize		10	
Anna Florence Booth Prize		816	
Charles Fenner Prize		18	
Sir Archibald Grenfell Prize		26	
New Education Fellowship Prize		138	
Edith Puddy Prize		6	
Gavin David Young Lectureship		1,293	
Ernest Ayers Scholarship		397	
John Bagot Scholarship		1,416	
Elsie Marion Cornish Prize		216	
J. G. Wood Memorial Scholarship		136	
Rennie Scholarship		12	
Tate Memorial Medal		60	
James Barrans Scholarship		601	
J. R. Wilton Prize		30	
Sir Ronald Fisher Prize		56	
Sir Ronald Fisher Memorial Scholarship		91	
C.S.R. Chemicals Prize		100	
R. K. Morton Scholarship in Biochemistry		16	
D. B. Adam Memorial Prize		141	
T. E. Barr Smith Travelling Scholarship		2,092	
R. K. Morton Scholarship in Agricultural Biochemistry		116	
Angas Engineering Scholarships		464	
Sir Robert Chapman Prize		71	
Lokan Prize		47	
E. V. Clarke Prize		212	
Gerard Prize		42	
Sir William Goodman Scholarships		1,315	
Rutter Jewell-Thomas Medal and Prize		523	
Esso Standard Oil (Aust.) Pty. Ltd. Prize		20	
R. W. Bennett Prizes and Medals		194	
Angas Parsons Prize		500	
Justin Skipper Prize		138	
Thomas Cepp Prize		155	
Roy Frisby Smith Prize		80	
Baker Scholarship		2,195	
Sir Hugh Cairns Memorial Prize		564	
C. & J. Campbell Prize		115	
Herbert John Wilkinson Memorial Prize		596	
Dr. Davies-Thomas Scholarship		36	
J. B. Cleland Prize		23	
T. L. Borthwick Prize		28	
Archibald Watson Prize		29	
Dr. Charles Gosse Lectureship		1,622	
Everard Scholarship		110	
Lister Prize		18	
Shorney Prize		423	
Ruth Heighway Memorial Prize		47	
Pfizer Prize in Gynaecology		50	
Carried forward		26,249	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward		26,249	
Bertha H. Sudholz Scholarship		831	
T. G. Wilson Travelling Scholarship		1,117	
John Barker Scholarship		1,712	
Keith Sheridan Prizes		531	
Australian Society of Orthodontists Prize ..		40	
Thos. D. Hannon Prize		125	
Dental Board of S.A. Prize ..		52	
Malcolm Joyner Prize		21	
G. O. Lawrence—Scholarship in Conservative Dentistry		612	
Professor J. H. B. Tew Prize		21	
John Lorenzo Young Scholarship		484	
John Creswell Scholarship		1,107	
George Thompson Bursary		151	
Archibald MacKie Bursary		118	
Joseph Fisher Medal and Lecture ..		58	
Australian Society of Accountants Prize in Accountancy		150	
Kenneth and Hazel Milne Travelling Scholarship		3,752	
South Australian Gas Company Prize		100	
Clive E. Boyce Scholarship ..		1,625	
George Murray Scholarship		5,395	
Chapman Memorial Scholarship		1,113	
Wm. Donnithorne Award		1,249	
Baillieu Research Scholarship		5,869	
David Murray Scholarship ..		404	
John L. Young Scholarship		355	
St. Alban Scholarship		94	
United Nations Prize		449	
Hartley Studentship		89	
William Culross Prize		40	
Thornber Bursary		83	
Way College Old Collegians' Prize		44	
Tennyson Medal		18	
Hardwicke College Prize		28	
J. E. Jenkins Scholarship		2,460	
Eva Lines Memorial Scholarship		327	
E. W. Way Lectureship		347	
Alexander Clark Memorial Prize		288	
Eugene Alderman Scholarship		241	
Selbourne Moutray Russell Scholarship		804	
Lucy Josephine Bagot Prize		67	
J. Varley Scholarship		752	
Anders and Reimers Scholarship		910	
Robert Whinham Prize		53	
Gladys Lloyd Thomas Scholarship		208	
E. Harold Davies Scholarship		219	
Florence Cooke Prize		87	
Dr. Ruby Davy Scholarship		326	
Guli Magarey Scholarship		1	
Frederick Bevan Memorial Scholarship		390	
Elder Overseas Scholarship		2,978	
Maude Puddy Scholarship ..		311	
Athol Lykke Award ..		1,868	
Lienau Prize ..		231	
Clement Q. Williams Memorial Prize		38	
William Silver Scholarship		77	
Mrs. Arno Pontt Scholarship		55	
		<u> </u>	<u>\$67,124</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
5. <i>Library Funds</i> —			
T. E. Barr Smith Endowment Income		8,846	
Sir William Mitchell Endowment Income ..		3,662	
Elizabeth Jackson Fund Income		671	
A.M.A. Library		2,910	
A. M. Simpson Library Income		632	
Kate Helen Weston Library		74	
Australian Dental Association Library		1,394	
Herbert Shorney Memorial Library		315	
Library Deposits		9,801	
Australian Petroleum Exploration Association Limited—Donation		130	
Sir Mark Mitchell—Periodicals Income		136	
Australian Association of Psychiatrists Grant to Medical Library		16	
S.A. Brewing Company for Department of Microbiology Library		232	
Australian Physiotherapy Association— Library		909	
Collegiate School of St. Peter Library Grant		13	
University Film Society—Library		43	
J. F. Hawker Bequest Library		2	
Enterprise Development Association Library		326	
Australian Planning Institute—Gift for Purchase of Books		731	
American Council of Learned Societies Grant—Library		5,808	
		<u>5,808</u>	<u>\$36,651</u>

6. *Special Funds*—*Consulting and Research Funds*—

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 Foundation	8,246
Geology Department Consulting Fund	570
Pipe Transmission Line Structure	20
Economic Geology—Consulting Fund	317
Consulting Fund—Physical and Inorganic Chemistry	94
Consulting Fund—Civil Engineering	10,347
Organic Chemistry—Research Fund	4,178
Mechanical Engineering Research Fund	25
Consulting Fees—Economics	187
Child Health Research Fund	2,590
Mechanical Engineering Consulting Fund	4,370
Speech Bandwidth Compression Equipment Grant—P.M.G. Department	2,500
Consulting Fund—Child Health	786
Computing Centre Consulting Fund	3,311
Mental Health Research Fund	746
Health Service—Consulting Fees	179
Biopsy Fees—Dental	111
Mineralogy—Consulting Fund	60
Obstetrics and Gynaecology—Endocrine Project	4,709
Carried forward	<u>43,905</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward	43,905		
Commerce Consulting Fund	167		
Special Fund—Botany	1,546		
Architecture—Consulting Fund	10		
Mechanical Engineering Testing Fund	911		
Materials Science—Consulting Fund	105		
	<hr/>	46,644	
<i>Anthropological Research Funds—</i>			
General Account	1,021		
Mr. Mountford	1,107		
Anthropological Research—Strehlow	130		
Professor A. A. Abbie	2,654		
Film Replacement Account	213		
Australian Institute of Aboriginal Studies Grant—Dr. Ellis	2		
Australian Institute of Aboriginal Studies Grant—C. P. Mountford	837		
Australian Institute of Aboriginal Studies Professor Abbie	817		
Australian Institute of Aboriginal Studies Grant—Miss E. Treagus	92		
Australian Institute of Aboriginal Studies— Cave Research	750		
	<hr/>	7,123	
<i>Medical Research Funds—</i>			
The Gwen Michell Foundation for Medical Research	59,617		
The Gwen Michell Foundation Reserve for Fluctuation of Shares	1,432		
Sheridan Bequest	2,169		
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	13,115		
S. McGregor Reid—Reserve for Fluctuation of Shares	1,326		
J. B. Reid—Reserve for Fluctuation of Shares	58		
Reginald Walker Estate	12,511		
Lady Barr Smith Memorial Fund for Cancer Research	4,828		
	<hr/>	95,775	
<i>National Heart and Medical Research Committee Grants—</i>			
Obstetrics and Gynaecology	155		
Surgery—Dr. J. S. Charnock	26		
Medicine	390		
Child Health	942		
Dental Science	108		
Physiology	1,097		
Surgery—Dr. P. R. Knight	3,554		
Surgery—Dr. J. D. Sallis	500		
Postgraduate Research Scholarship	2,288		
	<hr/>	9,060	
Carried forward		<hr/>	158,602

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward		158,602	
<i>Special Purpose Funds—</i>			
British Commonwealth Sponsored Overseas Scholarships	4,817		
Anonymous Donation—Clinical Medicine	4,079		
Donation for Equipment—Dental School	50		
Elder Conservatorium—Donation for Purchase of Gramophone	329		
Commonwealth Postgraduate Scholarships Accumulation Fund	51,368		
Australian Society of Accountants' Lecture	245		
Bonython Hall Maintenance	565		
Permanent Orchestra Fund	2,617		
Rose Grainger Orchestral Fund	2,826		
Students' Loan Fund	1,485		
Conservatorium Students' Fund	1,173		
Board of Social Studies—Students' Fund	561		
Shaughnessy Endowment Income	55		
Hughes Statue Maintenance Fund	120		
Reiman Memorial Fund	3		
Robin Memorial Lecture Fund Income	403		
Joseph Verco Memorial	6		
Sheridan Family Grave Maintenance Account	331		
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	194		
Radioisotope Fund	308		
Donation towards Chair of Microbiology	600		
Donations for the Maude Puddy Library	2		
The McGregor Fund	6,597		
A. M. Barnes—Income	6,870		
Anonymous Donation—Medical School	71,352		
Publications Fund	2,773		
Professor Smart's Monograph	396		
Publications Account—"Paradise of Dissent"	1,475		
Dr. L. Houssiadas—Monograph—Perception of Causality	669		
Donations for Purchase of Codex Manesse	140		
Donations towards Establishment of Business Management Course	5,400		
Australian Journal of Experimental Biology and Medical Science	9,296		
J. A. Bonnin Cup—Income	135		
Microbiology—Special Fund	2,507		
C.S.I.R.O. Special Grant—Zoology	2,625		
Colgate-Palmolive—Donation to Establish Readership in Preventive Dentistry	18,155		
Elder Conservatorium Special Fund	664		
Physical Education Research Fund	105		
University Music Society Fund	2,086		
N. Stannus Gunning Endowment—Income	17		
Microscope Fund—Geology	139		
Geigy (A/sia) Pty. Ltd.—Donation for Furniture and Equipment—Pathology	16		
Carried forward	204,025	158,602	-----

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	204,025	158,602	
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	23,424		
Donations—Forbes Research—Medicine	670		
Department of Surgery—Donations for Travel Expenses	339		
Kern County Land Co.—Fund—Economic Geology	1,505		
J. B. Wauchope—Donation—Surgery	1,000		
Elder Hall Organ Fund	43,050		
University Centennial Fund	5,000		
C.D.C. Computer Income	89,179		
	<u>368,511</u>		
<i>Provisions—</i>			
Surplus Proceeds Sales of Shares for Building Purposes	22,949		
Reserve for Fluctuation of Shares— C. Collin Estate	1,393		
Reserve for Fluctuation of Shares— A. M. Barnes Estate	6,217		
Reserve for Fluctuation of Shares— S. D. Holdsworth Estate	140		
Reserve for Fluctuation of Shares— Reginald Walker Estate	1,552		
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	378		
General	4,849		
Pathology	46		
Medicine	—		
Chemical Engineering	315		
Maintenance Workshop	175		
Physics	117		
Physiology	140		
Microbiology	555		
Geology	587		
Gardeners	62		
Economics	218		
Biochemistry	941		
Civil Engineering	54		
Dentistry	75		
Medical School	197		
Mechanical Engineering	1		
Genetics	732		
Zoology	5,610		
Computing Centre	900		
Mawson Institute	339		
Geography	50		
Electrical Engineering	98		
Provision for Realization of Investment Properties	110,560		
Carried forward	<u>159,692</u>	<u>527,113</u>	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
Brought forward	159,692	527,113	
Provision for Laboratory Space for Microscope Workshop	1,000		
Adult Education Motor Vehicle Replacement Fund	668		
Reserve for Civil Engineering Special Equipment	26,703		
Provision for Purchase of Special Equipment for Testing Concrete	2,890		
Funds for Purchase of Computing Equipment	2,000		
Brooks Estate	5,000		
	<u>197,953</u>		
 <i>Research Grants—</i>			
General Motors-Holden's-Postgraduate Fellowship-Chandler	237		
General Motors-Holden's-Postgraduate Fellowship-Redmond	600		
Commonwealth Grant for Australian Literature	50		
Estate of the late Mrs. P. M. Bowling- Physiology	1,274		
Estate of the late Mrs. P. M. Bowling- Medicine	14		
C. J. Martin-Travel Scholarship-School ..	6,500		
I.C.I. of A.N.Z. Research Fellowship	375		
Sandoz Ltd.-Grant for Research in Department of Obstetrics	1,374		
Department of Civil Aviation	492		
Monsanto Chemicals Grant-Physical and Inorganic Chemistry	37		
General Motors-Holden's-Postgraduate Research Fellowship	538		
General Motors-Holden's-Postgraduate Fellowship (Chandler)	1		
General Motors-Holden's-Postgraduate Fellowship (Swann)	8		
General Motors-Holden's-Postgraduate Fellowship (Corbett)	1,100		
American Chemical Society Grant-Organic Chemistry No. 2	5		
Commonwealth Government Grant- Australian Literature	1,023		
Glaxo Laboratories-Grant to Microbiology ..	1,404		
American Petroleum Institute Grant to Geology	1,520		
S.A. Fishermen's Co-op. Ltd.-Grant for Research on Crayfish	122		
General Motors-Holden's-Postgraduate Studentship in Traffic Theory	387		
Nuffield Foundation Grant-Microbiology ..	2,289		
Wellcome Fund-Microbiology	3		
Ciba Co. Pty. Ltd. Grant to Department of Child Health	808		
Life Insurance Medical Research Fund of Australia and New Zealand-Grant to Physiology and Pharmacology	806		
Carried forward	<u>20,967</u>	<u>725,066</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	20,967	725,066	
A.I.N.S.E. Grant—			
Dr. Kennedy	197		
Physical Chemistry—Dr. G. S. Laurence	134		
H. S. Green	1,050		
Professor Jordan	245		
Postdoctoral Fellowship (Collishaw)	47		
Physical Chemistry—Professor Stranks	1		
Physical and Inorganic Chemistry—			
Cattrell	142		
Chemical Engineering—Dolan	1,410		
Physical and Inorganic Chemistry—			
Professor Jordan	582		
Physical and Inorganic Chemistry—			
Professor Stranks	304		
Mechanical Engineering—Dyer	1,876		
Chemical Engineering—Jeffreson	365		
Physics and Physical Chemistry	26		
G. D. Searle and Co.—Grant to Obstetrics	338		
Australian External Affairs—Antarctic			
Division Grant (Botany)	7		
C.S.R. Co.—Grant to Mining and Metallurgy	25		
National Heart Foundation of Australia			
Grant—Physiology (Mashford)	2		
National Heart Foundation (S.A.) Grant—			
Lander	159		
National Heart Foundation of Australia—			
Grant to Genetics	3		
Irrigation Research—Civil Engineering	1,327		
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	276		
Australian Road Research Board—			
Mathematics	1,701		
Australian Meat Research Committee—			
Zoology	445		
Wool Research Committee and S.A. Wheat			
Research Committee—Grant—Zoology	808		
Nuffield Foundation Grant—Department of			
Geology—Petrology of the Giles			
Complex	272		
Reserve Bank of Australia—50th Anniversary			
—Postgraduate Scholarship—Psychology	210		
Philips Electrical Industries Pty. Ltd.—			
Research Grant Physics—Dr. Laurance	94		
Wool Research Committee Grant—			
Economics	3,189		
C.S.I.R.O. Grant—Botany	1,550		
Colgate-Palmolive—Dentifrice Grant	733		
Economic and Financial Research Fund	814		
National Heart Foundation of Australia—			
Grant—Biochemistry	51		
Rothmans Junior Fellowship—Genetics	1,780		
U.S.P.H.S. Grant—Dental	8,591		
Carried forward	53,401	725,066	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	53,401	725,066	
Department of Territories Grant—			
Medicine—Goitre Research	640		
William S. Merrell Co. Grant—Child Health	877		
Wool Research—Biochemistry	880		
Rural Credits Development Fund Grants—			
Economics	116		
Philips Electrical Industries Grant—			
Electrical Engineering	500		
Science and Industry Endowment Fund—			
Solomon Island Expedition Fund Grant	19		
Rural Credits Development Fund Grant—			
Kangaroo Island Wallaby—Zoology	2		
A.F.O.S.R. Grant—Briggs and Elford	5,534		
Upjohn Pty. Ltd.—Obstetrics	1,577		
Rural Credits Development Fund Grant—			
Mechanical Engineering	371		
Rural Credits Development Fund Grant—			
Ecology of Cattle Grazing Land—			
Botany	3,125		
E. R. Squibb and Sons Grant—Child Health	250		
Adelaide Children's Hospital Grant—Child Health	276		
Adelaide Children's Hospital Grant—Child Health—Dr. R. B. Elliott	1,027		
Adelaide Children's Hospital Grant—Child Health—Dr. T. A. R. Dinning	78		
Broken Hill Mining Managers Association Fund—Economic Geology—O'Driscoll	747		
Nuffield Foundation Grant—Organic Chemistry—Professor Beckwith	5,829		
Control Data Postgraduate Research Fellowships	1,733		
Social Science Research Grant—Dr. Gale	220		
National Science Foundation Grant—			
Mathematical Physics—D. K. Hoffman	299		
Australian Selection (Pty.) Ltd. Grant—			
Geology—Miller	1		
Academy of Science Grant—Botany—			
R. D. Graetz	423		
Donation to Obstetrics—Premature Labour	100		
Radio Research Board—Electrical Engineering	969		
Reserve Bank—Economic and Financial Research Fund—Investigation into Australian Transport Industry	642		
American Chemical Society Grant—			
Precambrian Fossils	3,808		
United States Public Health Service Grant—			
Microbiology—Hill	579		
Roche Products Pty. Ltd. Grant—Physiology—			
Research on Blood Vessels	1,300		
Leverhulme Visiting Fellowships	2,371		
"House Foundations"—Civil Engineering	4,090		
Nuffield Foundation Grant—Elder Conservatorium—Dr. McCredie	820		
Nuffield Foundation Grant—Physical Chemistry—Professor Stranks	4,934		
Carried forward	97,338	725,066	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	97,338	725,066	
Life Insurance Medical Research Grant— Pathology and Physiology	51		
Life Insurance Medical Research Grant— Child Health—Dr. Kneebone	808		
Life Insurance Medical Research Grant— Child Health—Dr. Elliott	191		
Kenecott Copper Corporation—Studentship —Economic Geology	500		
National Aeronautics and Space Administration—Physics	173		
Esso Exploration Australia Inc.—Economic Geology	2,969		
Adelaide Children's Hospital—Child Health—Savage	1,302		
Adelaide Children's Hospital—Child Health—Lines	1,476		
Queen Elizabeth II Fellowship—Organic Chemistry—Brown	1,664		
Australian Wool Board Postgraduate Scholarship—Biochemistry	175		
National Heart Foundation—Medicine	345		
National Heart Foundation—Physiology	1,102		
Rural Credits Development Fund—Reserve Bank—Economics	586		
A.F.O.S.R.—McCracken	416		
Rural Credits Development Fund— Biochemistry	467		
Commonwealth Department of Supply— Postgraduate Student—M. C. Golly	400		
Commonwealth Department of Supply— Postgraduate Student—D. J. Gambling	1,434		
C.S.I.R.O. Grant—Physical and Inorganic Chemistry	8		
Monsanto Chemicals (Australia) Ltd.— Chemical Engineering	1		
Electrical Research Board—Electrical Engineering	1,187		
Traffic Dynamics Fund	1,323		
Mercke Sharpe & Dohme Grant—Child Health	103		
Royal Society Grant—Botany	1,203		
Department of Supply—Postgraduate Student—Organic Chemistry	294		
Department of Supply—Postgraduate Student—Chemical Engineering	638		
Department of Supply—Postgraduate Student—Physics	1,528		
Department of Supply—Postgraduate Student	178		
C.S.I.R.O. Grant—Physical and Inorganic Chemistry	145		
Esso Standard Oil (Aust.) Ltd. Grant— Civil Engineering	363		
Esso Standard Oil (Aust.) Ltd. Grant— Mechanical Engineering	95		
Australian Road Research Fellowship— Pathology	791		
National Aeronautics and Space Administration Grant—Physics	5,610		
Carried forward	124,864	725,066	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
Brought forward	124,864	725,066	
C.S.I.R.O.—Postgraduate Student—Zoology	35		
Cement and Concrete Association of Australia—Civil Engineering	1,500		
C.S.I.R.O. Studentship—Physics—Lewis ..	40		
C.S.I.R.O. Studentship—Physics—Harries ..	336		
C.S.I.R.O. Studentship—Physics—McAvaney ..	350		
Adelaide Children's Hospital—Maxwell	500		
Department of Supply—James	621		
Queen Elizabeth Hospital Research Foundation—Medicine—Gordon	500		
		128,746	
<i>Australian Research Grants Committee—</i>			
Psychology—Lovibond	264		
Psychology—Glow	56		
Physical and Inorganic Chemistry— Kennedy	991		
Geology—Von der Borch	5		
Geology—Oliver	72		
Physics—Carver	139		
Physics—Briggs and Elford ..	707		
Physical and Inorganic Chemistry—Jordan ..	1		
Physical and Inorganic Chemistry—Dunlop ..	6		
Physical and Inorganic Chemistry—Allen ..	25		
Organic Chemistry—Prager ..	278		
Organic Chemistry—Beckwith	132		
Botany—Van Steveninck	273		
Civil Engineering—Sved	3,346		
Psychology—Provins	620		
History—Prest	496		
Politics—Loveday	688		
Physical and Inorganic Chemistry—Stranks ..	444		
Physiology and Chemical Engineering— Speden and Hills	1,544		
Physical and Inorganic Chemistry—Stranks ..	2,939		
Psychology—Jeeves ..	449		
Dental—Thonard	4,530		
Physics—McCracken	1,220		
Physics—Elford	1,007		
Chemical Engineering—Miller	21		
Physical and Inorganic Chemistry—Coates ..	69		
Botany—Martin and Hayman	868		
Physics—Tomlin	619		
Mechanical Engineering—Bull	217		
Biochemistry—Rogers	2		
History—Frodsham	112		
Physical and Inorganic Chemistry—Allen ..	2,647		
Physics—McCracken ..	7,264		
Mawson Institute—Jacka	12,667		
History—Sykes	394		
History—Glow	1,935		
Geology—Oliver	189		
Biochemistry—Elliott	1,947		
Organic Chemistry—Beckwith	1,108		
Biochemistry—Keech	409		
Zoology—Casley-Smith	1,377		
Physical and Inorganic Chemistry—Kennedy ..	394		
Physical and Inorganic Chemistry—Dunlop ..	1,883		
Physiology—Whelan	2,102		
Physics—Briggs and Elford	954		
Carried forward	57,410	853,812	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	57,410	853,812	
Biochemistry—Symons	244		
Child Health—Elliott	96		
Organic Chemistry—Spotswood	1,215		
History—Van den Dungen	211		
Geology—Glaessner	585		
Mathematical Physics—Green	2,370		
Hurst	9,860		
Physics—Carver	1,782		
"	6,893		
Physical and Inorganic Chemistry—			
Allen	156		
Kurucsev	833		
Laurence	1,461		
Organic Chemistry—Lewis	4,299		
Prager	373		
Physical and Inorganic Chemistry—Sheldon	500		
Zoology—Andrewartha	394		
Duckhouse	1		
Botany—Van Steveninck	208		
Surgery—Charnock	25		
Obstetrics—Cox	265		
Surgery—Knight	185		
Mechanical Engineering—Mannam	102		
Chemical Engineering—Smith	353		
Civil Engineering—Sved	357		
Psychology—Lovibond	1,168		
Payroll Tax and Insurance	1,023		
Computing Science	3,464		
Income	317		
	<u> </u>	96,150	
<i>Sundry Balances—</i>			
Graduates' Union Fund (Capital			
Donations)	458		
Sundry Donations	380		
Broken Hill Smelters—Donation	125		
Joint Colleges Appeal Fund	10		
Insurance Deposits	32		
C.I.G. (Stn. Aust.) Ltd.	22		
Constance Fraser Income	2,783		
Civil Engineering Notebook	164		
Australian Humanities	200		
Adelaide University Union—Deposit	200,000		
Rockefeller Foundation—Donation for			
General Purposes	538		
Anti-Cancer Foundation	11,126		
Public Examinations in Music	6,871		
Public Examinations Board	48,333		
George Collin Estate—Income	18,527		
Victoria Drive Fence—Fund for			
Maintenance	70		
Key Deposits—Physical Chemistry	52		
Diploma in Physical Education	6,273		
Chemistry Laboratory Deposits	36		
Professor Mitchell's Book Account	559		
Weapons Research Establishment—			
Mathematics Department	220		
Enuresis Patent	3,271		
Donation to Dental Department for			
Photographic Experiments	88		
Carried forward	<u>300,138</u>	<u>949,962</u>	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
Brought forward	300,138	949,962	
Australian Music Library Donations	367		
Outstanding Accounts—Workshops	1,224		
Australian Economic Papers	3,155		
Computing Centre Fortran Fund	150		
Woodville Spastic Home	386		
Donations University Squash Rackets Club	20		
Biochemistry Symposium	2		
English Department—Study of Poetry Seminar	516		
English Department—Southern Review	1,224		
C.S.I.R.O. Grant for Animal Ecology Research	3		
Motors Limited—Donation for Economics Department	17		
Postgraduate Committee in Medicine—Accumulated Income	3,666		
Postgraduate Committee in Dentistry	1,521		
Government Advance for Fees Relief	61,458		
Appointments Board—Entertainment Fund	341		
Retiring Gratuities—H. O'Goerk	2,417		
Departmental Salaries—Adjustment Account	22,713		
Donations for Works of Art	3,063		
Oral Hygiene Service—Donation—Dental Science	100		
Computing Science Fund (for Equipment)	1,230		
English Novel Seminar	266		
Locker Key Deposits—Law Department	171		
Retiring Gratuity—C. R. Badenoch	2,383		
Reiring Gratuity—Mrs. C. Gray	1,708		
Postgraduate Foundation in Medicine	22,159		
Physics Special Account	586		
Donation towards Chair of Architecture	971		
Xerox Copying—Income	10,768		
Professor John Bishop Memorial Fund	10,894		
Rosemary Bor Fund	1,830		
Kappa Kappa Kappa Inc.—Donation to Dental School	1,763		
Insurance Refund—Darling Building	280		
Medicine	7		
Physics	40		
Special Fund—Psychology	3,316		
Library Complex Fund—Professor F. B. Bull	2,440		
Donations to Department of Law	250		
Adelaide University Squash Centre Appeal	2,637		
G.M.H. Staff Welfare Donation	100		
Language Laboratory Special Fund	1,234		
Government Grant—Teaching Hospitals	40,733		
Department of Immigration	65		
	<u>508,312</u>	<u>\$1,458,274</u>	
7. Income and Expenditure Appropriation Account—			
Accumulated Deficit at 31/12/66 1967		2,523	
Less Written off to Income and Expenditure Account		2,523	—
North Terrace—Surplus		162,778	
Less Waite Institute Deficit		2,375	
		<u>160,403</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
8. Donations for Equipment—			
Sir George Murray		1,000	
Anonymous Donation—Staff Common Room		2,013	
Department of Commerce—Advance for Equipment		1,505	
Grants and Donations for Equipment and Furniture as at 31/12/66 (for previous details see 1966 Financial Statements)		1,198,895	
		<u>1,203,413</u>	
<i>Add Received during 1967:</i>			
Postgraduate Committee in Medicine	148		
Commonwealth Sponsored Overseas Scholarships	1,014		
Geology Consulting Fund	245		
Economic Geology Consulting Fund ...	3,527		
Organic Chemistry Research Fund	631		
Endocrinology Income	420		
Testing Fund—Civil Engineering	178		
Beach Erosion Fund—Civil Engineering	1,205		
Gwen Michell Research Fund— Medical Research	604		
Medical Research Committee	5,190		
National Health and Medical Research Council	9,871		
Mr. 'X' Funds—Medical Research	2,797		
University Music Society	216		
Motors Ltd. Donation—Economics	33		
Radio Research Board—Physics	6,971		
Aeromedical Research—Physiology	3,978		
Life Insurance Medical Research Fund—Physiology	2,648		
Australian Institute of Nuclear Science and Engineering—Physical and Inorganic Chemistry	2,242		
U.S. Public Health Service Department —Microbiology	4,310		
Ciba Grant—Child Health	300		
Australian Institute of Nuclear Science and Engineering—Physical and Inorganic Chemistry	283		
Australian Institute of Nuclear Science and Engineering—Mechanical Engineering	4,032		
Australian Institute of Nuclear Science and Engineering—Mechanical Engineering	78		
National Heart Foundation—Medicine Research	7,877		
Australian Meat Research Committee— Zoology	72		
Nuffield Foundation—Geology	156		
Commonwealth Wheat Industry Research Council—Biochemistry ...	2,456		
C.S.I.R.O. Grant—Botany	804		
Mechanical Engineering Consulting Fund	700		
Colgate-Palmolive Pty. Ltd.—Dental ...	73		
Rural Credit Development Fund— Biochemistry	418		
Carried forward	<u>63,477</u>	<u>1,203,413</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	63,477	1,203,413	
Rothmans Fellowship—Genetics	712		
W.R.E. Laser Research—Physics	3,372		
U.S. Public Health Service Department –Dental	99		
Merrell Grant—Child Health	278		
Wool Research—Biochemistry	817		
National Heart Foundation—Medical Research	1,460		
Air Force Office of Space Research— Physics	5,510		
Upjohn Pty. Ltd.—Obstetrics	296		
U.S. Navy Grant—Mechanical Engineering	50		
Simpson Pope Research Fellowship— Mechanical Engineering	348		
Adelaide Children's Hospital—Child Health	200		
Radio Research Board—Mawson Institute and Electrical Engineering	2,358		
Roche Products Pty. Ltd.— Physiology	3,700		
Life Insurance Medical Research Fund –Pathology, Physiology and Child Health	4,926		
Air Force Office of Space Research— Physics	2,616		
C.S.I.R.O. Grant—Physical and Inorganic Chemistry	355		
Monsanto Chemicals Grant—Chemical Engineering	499		
Department of Supply—Scholarship— Physics	399		
Esso Standard Oil Co. (Aust.) Ltd.— Chemical Engineering	700		
Esso Standard Oil Co. (Aust.) Ltd.— Mechanical Engineering	305		
Dental Microscope Fund—Dental Science	5,772		
Beach Erosion Fund—Civil Engineering	3,515		
Law Book Co.—Law	282		
Commonwealth Sponsored Overseas Scholarship—Mathematical Physics	106		
Commonwealth Postgraduate Scholarship—Physics	690		
Australian Research Grants Committee	235,919		
	<u>338,761</u>		
		<u>1,542,174</u>	
Deduct Equipment and Furniture written off in 1967 due to obsolescence		10,796	
		<u>\$1,531,378</u>	
9. Donations for Library—			
Barr Smith Library Fund			18,212
Grants and Donations for Library—Balance as at 31/12/66 (see 1966 Financial Statements for details)	65,621		
Carried forward	<u>65,621</u>		<u>18,212</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward		65,621	18,212
<i>Add Receipts during 1967:</i>			
T. E. Barr Smith Fund	67		
Sir William Mitchell Fund	32		
Elizabeth Jackson Fund	17		
A.M.A. Fund	2,497		
A. M. Simpson Fund	14		
S.A. Tuberculosis Association Fund	113		
Herbert Shorney Memorial Fund	10		
Australian Petroleum Exploration Association	123		
S.A. Brewing Co. Ltd.	38		
Australian Physiotherapy Association ...	98		
University of Adelaide Film Society ...	6		
Mr. J. F. Hawker	284		
Australian Planning Institute ...	129		
American Council for Learned Societies	12,835		
		<u>16,263</u>	<u>81,884</u>
			<u>\$100,096</u>

WAITE AGRICULTURAL RESEARCH INSTITUTE—

10. *Endowments—General—*

Peter Waite Endowment	200,062	
W. D. Grigg Estate—Endowment	48,146	
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	45,608	
Premiums on Conversion of Stock ...	3,356	
Mrs. D. Mortlock	7,313	
J. T. Mortlock Estate—Experiment Land	63,270	
		<u>\$534,856</u>

11. *Endowments for Laboratories—*

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>

12. *Donations—*

C.S.I.R.O. Mineral Deficiency Fund	3,000	
C.S.I.R.O. Soils Investigation Fund	3,000	
C.S.I.R.O. for Plant Pathology House	3,300	
Commonwealth Bank for Plant Culture House	28,020	
Australian Wool Board	1,280	
J. T. Mortlock Donation for Livestock	1,000	
Wool Research Committee—Donations towards Insectary	4,141	
Carried forward		<u>43,741</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward		43,741	
Donations for Insectary		2,340	
Commonwealth Department of Health Donation of Glasshouse and Fittings ...	3,440		
Commonwealth Department of Health Donation for Extensions of Glasshouse	9,234		
Phylloxera Board Donation for Extension of Glasshouse	6,000		
		18,674	
Contributions to Alterations to Buildings ...		3,000	
Anonymous Donation for Animal Science ...		9,177	
Anonymous Donation for Mass Spectrometer		10,000	
Rural Credits Development Fund Grant for Insectary Building		14,000	
Rockefeller Grant for Insectary		8,890	
Donation towards Alterations of Plant Pathology (Nematology) Laboratories		6,191	
Grant from University Union for Furnishing Students' Common Room		600	
Sirex Fund Contributions to Insectary		4,700	
		121,313	
Donations and Grants for Equipment and Furniture, Balance at 31/12/66 (for details see 1966 Financial Statements)		389,458	
Add Receipts during 1967—			
Commonwealth Sponsored Overseas			
Scholarships	377		
Commonwealth Wheat Board	2,326		
Wool Board	5,711		
Barley Fund	2,698		
Rural Credits	7,000		
State Wheat Board	4,085		
Sirex Wasp	550		
Sulphur Institute	100		
U.S. Surgeon General	3,295		
Rural Credits	1,245		
Woods and Forests	28		
Commonwealth Development Bank ...	211		
Rural Credits	162		
U.S.P.H.S.	1,377		
Rural Credits	1,065		
Wool Research	165		
Honey Board	650		
Chilean Nitrate Grant ...	1,310		
Australian Meat Research Scholarship	199		
U.S.P.H.S.	6,800		
Rural Credits	963		
Commonwealth Development Bank	36		
Australian Meat Research Scholarship	120		
Parke Davis	2,003		
S.A. Agricultural Department ...	376		
Australian Meat Research	8,144		
Rural Credits	227		
Anonymous Donation	193		
Dorothy Mortlock Endowment	4,537		
" " "	2,806		
" " "	5,553		
Australian Research Grants Committee	56,585		
		120,897	
		510,355	
		<u>\$631,668</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
13. Unexpended Balances and Grants—			
Mortlock Crop Account	484		
Mortlock Sheep Operating Account	853		
Mortlock Cattle Operating Account	330		
	-----	1,667	
Lily Waite Estate—Income Account		1,990	
Reserve for Fluctuation of Shares—			
Sandland		26	
Sheep Account		750	
Locker Deposits		8	
Rural Credits Development Fund Grant			
Insectary		2,800	
Salaries Adjustment		5,274	
Farm Fire Replacements		9,036	
Sale of Land		296	
Realization of Surplus Equipment		600	
C.S.I.R.O. Contribution to Development—			
Claremont Orchard		1,849	
Research in Connection with Animals		200	
Parke Davis Grant		1,333	
Student Deposit		3	
Wool Research Fund—Agronomy		11	
Wool Research Fund—Entomology		124	
Wool Scholarship—Entomology—Cullen		1,589	
Wool Scholarship—Animal Physiology—			
Siebert		86	
Nancarrow		383	
Findlay		757	
Ellis		800	
Nuffield Foundation Grant—Entomology—			
Browning		1,495	
Barley Fund—Agronomy		1,429	
Barley Fund—Agricultural Biochemistry ..		305	
Barley Fund—Plant Physiology		300	
Rural Credits Development Fund—Plant			
Physiology		1,383	
Commonwealth Wheat Industry—			
Agricultural Biochemistry		2,953	
Commonwealth Wheat Industry—Agronomy ..		1,512	
S.A. State Wheat Fund—Agronomy		15,604	
Commonwealth Department of Health			
Grant—Systematic Micology—Plant			
Pathology		7,669	
Sirex Wasp Research—Entomology		1,428	
Australian Meat Research Committee—			
Agronomy		9,448	
Wheat Industries of Victoria Scholarship—			
Agricultural Biochemistry		59	
Sulphur Institute—Agronomy		1,787	
U.S. Surgeon General—Animal Physiology ..		4,173	
Rockefeller Foundation—Plant Pathology ..		40	
Woods and Forests Department—			
Woods and Forests Department—			
Entomology		27	
Plant Pathology		859	
Commonwealth Development Bank—Plant			
Physiology		3,838	
Rural Credits Development Fund—			
Entomology—Glasshouse		12,000	
		-----	-----
Carried forward		95,891	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward		95,891	
Rural Credits Development Fund— Plant Pathology—Field Laboratory		39,170	
Rural Credits Development Fund— Virology Studentship		2,642	
Wool Fund Scholarship—Agronomy—Cocks		104	
Commonwealth Development Bank— Entomology—Red Scale		7,089	
Nuffield Foundation—Agricultural Biochemistry		6,908	
United States Public Health Services— Entomology		8,418	
Rural Credits Development Fund— Agronomy—Deep Sands		407	
Borax Consolidated Ltd.—Agricultural Biochemistry		1,756	
Bank of New South Wales—Plant Pathology—Field Laboratory		400	
Rothmans Junior Fellowship—Agricultural Biochemistry—Wallace		473	
Australian Honey Board		15,584	
Victorian Government Grant—Plant Physiology—Considine		44	
Cyanamid D.H.A.—Plant Physiology		54	
Wool Board Scholarship—Agronomy— Schroder		285	
Australian Meat Research Committee Scholarship—Agronomy—Champion		462	
Wool Fund Scholarship—Plant Physiology— Gollin		1,100	
Wool Fund Scholarship—Entomology— Horwood		1,967	
Australian Meat Research Scholarship— Animal Physiology—Brooks		583	
Rural Credits Development Fund— Agronomy—Phytotron		25,000	
S.A. Department of Agriculture—Plant Pathology—Banyer		24	
Alf Hannaford—Contribution to Plant Pathology Field Laboratory		2,500	
Australian Research Grants Committee— Agronomy—Barley		214	
Plant Pathology—Franki		215	
Plant Pathology—Flentje		1,191	
Animal Physiology—Macfarlane		344	
Agronomy—Egan		1,024	
Animal Physiology—Seamark		440	
Plant Pathology—Warcup		1,974	
Plant Pathology—Paleg		4,320	
Entomology—Rogers		1,302	
Liquid Nitrogen Account—Agricultural Biochemistry		484	
Entomology Consulting Fund		20	
Customs Refund—Animal Physiology		451	
Special Course in Soil Science		312	
Donations Staff Club		10	

		<u>\$223,162</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
14. <i>Funds Provided for Buildings, Fittings and Equipment by Government of South Australia—</i>			
Equipment		984,675	
Library Books		156,571	
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	
		<u>1,391,987</u>	

15. <i>Funds Provided for Buildings, Fittings and Equipment by Commonwealth Government—</i>			
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>	

ASSETS

NORTH TERRACE

16. *Inscribed Stock—*

Australian Consolidated Stock—			
4½%—15/11/68		400	
4½%—15/11/68		3,928	
5%—15/2/82		200	
5%—15/2/82		1,000	
5½%—15/8/70		800	
Australian Government Special Series "K" Bonds—			
4¼-5%—1/1/72		6,000	
Commonwealth Government Inscribed Stock—			
4¼-5¼%—15/9/69 - 1/3/74		14,511	
Commonwealth Government Inscribed Stock—			
4½%—15/11/68		400	
Commonwealth Government Inscribed Stock—			
5¼%—15/8/70		3,011	
Commonwealth Government Inscribed Stock—			
5%—15/5/84		35,558	
		<u>65,808</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
17. Electricity Trust Debentures—			
5% 1978	293,820		
5%—"B"—1969	10,920		
5% 1973	440,000		
5% 1971	2,200		
5% 1980	70,000		
4%—5% 1968—1973	11,997		
5% 1968	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% 1968	2,900		
5% 1970	1,500		
5%—"B"—1969	220		
5% 1969	200		
5% 1969	200		
5% 1970	40,000		
5% 1970	310		
	<u>894,544</u>		
Less Transfer to Investment of Reserves	\$608,752		
Transfer to Waite Institute	52,422		
	<u>661,174</u>		
		233,370	
S.A. Gas Co. Bonds—			
6% 1971	20,000		
5% 1975	1,000		
5% 1969	4,600		
5% 1969	5,600		
5% 1974	16,300		
5% 1975	6,500		
4% 1968	100,000		
5% 1969	600		
5% 1973	200		
5% 1975	400		
5% 1974	2,000		
5% 1980	200		
5% 1973	10,000		
5% 1975	34,600		
5%—6% 1968—1975	5,704		
5% 1976	10,000		
5% 1976	11,000		
5% 1976	40,000		
5% 1975	5,800		
5% 1976	100,000		
5% 1975	307		
5% 1973	210		
5% 1975	1,800		
	<u>376,821</u>		
Shares—			
Share Investments	359,395		
E. C. Hoare Bequest—Shares	4,734		
Cellulose (Aust.) Ltd. (T. E. Barr Smith Travelling Scholarships)	27,750		
	<u>391,879</u>		
Carried forward	391,879	610,191	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward	391,879	610,191	
Finance Corporation of Australia Ltd. (Athol Lykke Fund)	3,720		
G. Michell—Shares in Companies	112,737		
Weimar-Ohlstrom—S.A. Gas Co. Stock	600		
A. M. Barnes Estate—Shares	9,753		
S. McGregor Reid—Shares	49,984		
Jean B. Reid—Shares	125,817		
Reginald Walker Bequest—Shares	55,087		
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	12,160		
M. I. Hatwell Estate—Shares	7,217		
	<u>823,437</u>		
		<u>\$1,433,628</u>	
18. Buildings, Furniture and Fittings—			
Bonython Hall		102,007	
Barr Smith Library		450,396	
Mitchell Building		128,429	
Physics Building		161,824	
Classhouse—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		
		<u>626,346</u>	
Johnson Chemistry Building		729,576	
Caretaker's Lodge		3,691	
Mathematics Building		75,150	
Mechanical Engineering Building		116,615	
Main Engineering Building		460,581	
Engineering Annexe		192,605	
Medical School		991,103	
Mawson Laboratories		254,588	
Oil Store		1,230	
Stores Building		371	
Benham Laboratories		111,176	
Observatory Building		15,000	
Organic Chemistry Building		551,888	
Seismograph Vault at Mt. Bonython		6,682	
Seismograph Vault at Hallett		2,326	
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		4,832	
		<u>\$9,432,605</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
19. <i>Other Lands and Buildings—</i>			
Landed Estate—Northern Territory		317	
Land Adjacent to Flinders University		161,600	
Martindale Hall and Land		60,867	
Land at Buckland Park		15,269	
<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			
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		171,548	
		<u> </u>	<u>\$409,601</u>
20. <i>Advances on Mortgages—</i>			
11 Advances			<u>\$26,861</u>
21. <i>Trust Funds Held by Trustees—</i>			
Edward Neale		9,923	
Rosye F. Mortlock		10,172	
		<u> </u>	<u>\$20,095</u>
22. <i>Funds Due to the University—</i>			
Michell Estate		32,000	
Sheridan Bequest		210,000	
		<u> </u>	<u>\$242,000</u>
23. <i>Investment Properties and Improvements—</i>			
Prospect Road, Blair Athol			<u>\$4,995</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
24. <i>Current Balances</i> -			
Petty Cash—Revenue Officer			200
<i>Materials in Workshops</i> -			
Maintenance Workshop	11,952		
Instrument and Mechanical Maintenance			
Workshop	556		
Photographic Services Materials	740		
Stores Account	6,410		
Bulk Alcohol and Methylated Spirits	268		
		19,926	
<i>Sundry Debit Balances</i> -			
Sir Douglas Mawson Anniversary Volume ..	1,093		
Outstanding Workshop Accounts	239		
Sundry Accounts	319		
Union Salaries and Wages	4,463		
Lawrence Matrix	455		
Staff Club Wages	3,610		
Engineering Testing	397		
Cancer Research	22		
4 Staff Advances Associated with Study			
Leave, etc.	5,447		
Sundry Debtors—Library (Xerox)	78		
University Admissions Office	2,401		
S.A. Institute of Technology—Microbiology	3,000		
N.H.M.R.C.—Physiology—Advance Payment	191		
Funds Advanced to Bedford Park ..	89		
S.A. Institute of Technology—Pharmacy ..	571		
Research Grants Committee—Department of			
Education and Science	1,201		
E. & W.S.—New Kangaroo Creek Dam			
Fund—Civil Engineering	2,200		
Australian Research Grants Committee—			
Payroll Tax and Insurance	818		
Anonymous Donations—Dental	139		
Advance Payments 1968 Departmental			
Maintenance	19,225		
Adelaide University Union ..	7,425		
Advance Payments—Adult Education	622		
Australian Research Grant—Wells—			
Biochemistry	134		
Anthropological Research Film Account ..	580		
Ellis	47		
Australian Institute of Aboriginal Studies—			
Strehlow	132		
Australian Institute of Aboriginal Studies—			
Cale	12		
Australian Institute of Aboriginal Studies—			
Hercus	266		
A. J. Schulz Bequest	32		
Dental—Microscope Fund	4,308		
S.A. Tuberculosis Association Library—			
Donation	367		
C.S.I.R.O. Radio Research Board Grant	774		
National Health and Medical Research			
Grant	300		
C. J. Martin Travelling Scholarship	1,526		
Departments of Air and Civil Aviation—			
Aeromedical Research	616		
Rural Credits Fund—Zoology	141		
	63,240	20,126	
Carried forward			

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	63,240	20,126	
U.S. Public Health Service Grant—			
Microbiology	2,167		
Colonial Sugar Refining Co. Scholarship—			
Physical Chemistry	268		
A.I.N.S.E. Grant—Physical Chemistry	51		
A.I.N.S.E. Grant—Mechanical Engineering	763		
National Heart Foundation—Child Health	319		
Prime Minister's Department—Grant for			
Publication of B.A.N.Z.A.R.E.	320		
Rothman Junior Fellowship Grant—			
Biochemistry	151		
Australian Meat Research—Zoology	1,442		
Department of Supply—Physics	4,576		
Bushfire Research Committee—Mechanical			
Engineering	116		
Commonwealth Wheat Fund—Biochemistry	979		
Rural Credits Development Fund—			
Biochemistry	864		
W.R.E. Grant—Laser Research	6,212		
Wool Research Committee—Zoology	411		
Australian Atomic Energy Commission—			
Inorganic Chemistry	284		
National Heart Foundation Grant—Surgery	32		
U.S. Navy Grant—Mechanical Engineering ...	2,019		
Commonwealth Wheat Research			
Studentship—Biochemistry	97		
Rural Credits Development Fund—Zoology	57		
Rothmans Junior Fellowship Grant—			
Physical Chemistry	141		
Simpson-Pope Ltd.—Research Fellowship ...	1,165		
Rothmans Fellowship Grant—Mathematical			
Physics	127		
Radio Research Board—Mawson Institute	964		
A.F.O.S.R.—Physics	39		
Overseas Propagation Study—Electrical			
Engineering	114		
National Heart Foundation—Physiology	30		
Wool Research Studentship—Zoology	985		
C.S.I.R.O.—Mawson Institute	60		
Commonwealth Department of Supply—			
Mechanical Engineering	2,244		
Adelaide Children's Hospital Grant	25		
Commonwealth Department of Supply			
Postgraduate Studentship	454		
C.S.I.R.O. Postgraduate Studentship—			
Biochemistry	495		
Commonwealth Department of Supply			
Postgraduate Studentship	14		
Australian Research Grants Committee—			
Music—Ellis	2		
Physics—Carver	66		
Geology—Glaessner	370		
Physical and Inorganic Chemistry—			
Stranks	10		
Organic Chemistry—Spotswood	12		
Physical and Inorganic Chemistry—			
Kurucsev	3		
Organic Chemistry—Beckwith	2,313		
Carried forward	94,001	20,126	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1967 – Continued

	\$	\$	\$
Brought forward	94,001	20,126	
Physical and Inorganic Chemistry—			
Inman	25		
Organic Chemistry—Lewis	1,725		
Physical and Inorganic Chemistry—			
Allen	9		
Zoology—Casley-Smith	320		
Botany—Martin	158		
Botany—Pitman	3		
Zoology—Andrewartha	346		
Child Health—Elliott	672		
Biochemistry—Keech	80		
Biochemistry—Elliott	143		
Biochemistry—Symons	175		
Botany—Robertson	1		
Physiology—Kerr	286		
Geography—Wace	216		
Microbiology—Jenkin	248		
Biochemistry—Wells	170		
Geology—Nesbitt	187		
History—Rudé	149		
Organic Chemistry—Beckwith	219		
Medicine—Davis	476		
Music—Ellis	537		
Physics—Medlin and Tomlin	4,667		
Physical and Inorganic Chemistry—			
Inman	25		
Physical and Inorganic Chemistry—			
Jordan	460		
Botany—Robertson and Wiskich	54		
Psychology—Glow	107		
Genetics—Fraser	12		
Organic Chemistry—Beckwith	1,482		
Biochemistry (1968)—Elliott	25		
Biochemistry (1968)—Rogers	8		
Biochemistry (1968)—Wells	37		
English (1968)—Waldron	117		
English (1968)—Waldron	729		
History (1968)—Gilchrist	36		
Microbiology (1968)—Jenkins	107		
Organic Chemistry (1968)—Beckwith	835		
Organic Chemistry (1968)—Beckwith	41		
<i>Scholarships—</i>			
The Union Carbide Prize—Chemistry			
and Chemical Engineering	100		
The Humes Prize in Civil Engineering	50		
The Australian Welding Institute			
Prize—Civil Engineering	40		
The Cable Makers Association Prize—			
Electrical Engineering	21		
The S.A. Chamber of Manufactures			
Prize in Electronic Control	20		
I. R. E. Fisk Prize—Electrical			
Engineering	50		
The Forwood Downs Prize in			
Mechanical Engineering	42		
The Albright and Wilson Prize in			
Chemical Engineering	63		
The Petroleum Refineries (Australia)			
Prize in Chemical Engineering	100		
Carried forward	109,374	20,126	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
Brought forward	109,374	20,126	
Patent-Recording Apparatus	537		
Insurance Refunds	47		
Insurance Refunds-Organic Chemistry	30		
Insurance Refunds-Physics	1		
Patent-			
Pneumatic Analogue	44		
Thermal Analogue	44		
Improved Aerial System	1,517		
Landing and Take-off System-Radio	66		
Plethysmograph	23		
Landing System	66		
Aircraft Anti-collision System	51		
Autopsy Fees	190		
Physiology Testing Fund	81		
Beach Erosion-Civil Engineering	5,245		
N.H.M.R.C.-			
Microbiology	675		
Physiology	1,065		
Medicine	321		
Medicine (1968)	1,748		
Microbiology	1,874		
Biochemistry	2,525		
Physiology	3		
448 Loans to Students for Fees	59,173		
	<u>184,700</u>		
		<u>\$204,826</u>	

25. Buildings in Progress-

Modifications to Engineering Annexe- Computing Science	30,115		
Modifications to Engineering Annexe- Equipment and Furniture	3,244		
	<u>33,359</u>		
Buildings in Progress-Planning		32,214	
New Law Building-Architects Fees		16,806	
Restoration of Site-Napier Forecourt		221,056	
C.D.C. 6400 Computer-Computing Centre		422,799	
Ligertwood Building	747,186		
Ligertwood Building-Furniture and Equipment	22,882		
	<u>770,068</u>		
Contract Architect Salaries		7,000	
Medical School Building-Replacement of Lift		9,838	
Library Conversion		1,149	
Napier Conversions	1,306		
Napier Conversions-Equipment and Furniture	543		
	<u>1,849</u>		
Site Works and Services-East and North of Law Building		9,407	
Alterations to Prince of Wales Building	9,779		
Alterations to Prince of Wales Building- Equipment and Furniture	2,616		
	<u>12,395</u>		
Carried forward	1,537,940		

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$	\$
Brought forward		1,537,940	
Library Complex		41,454	
Site Works and Services—Napier Frontage		1,787	
Biochemistry—Conversion from Pharmacy		64	
Napier Building—P.A.B.X. Room		3,198	
Building for Department of Physics and Mawson Institute		83	
Planning (1967-9 Triennium)		1,164	
Installation of D.C. Equipment		11,026	
Undercroft of Fisher Laboratories	15,613		
Undercroft of Fisher Laboratories— Equipment and Furniture	1,083		
		<u>16,696</u>	
		-----	<u>\$1,613,412</u>

26. *Equipment and Furniture—*

Balance at 31/12/66 (for details see Schedules 23 and 25, 1966 Financial Statements)		5,275,011	
Add Purchases, 1967—			
From S.A. Government Grants	231,701		
From Donations and Other Grants	338,761		
		<u>570,462</u>	
		5,845,473	
Deduct Written off during 1967 due to obsolescence—			
From S.A. Government Grants for Equipment	37,083		
From S.A. Government Grants for Equipment over \$10,000	470		
From Commonwealth Government Grants for Equipment over \$10,000	469		
From Donations and Other Grants	10,796		
		<u>48,818</u>	
		-----	<u>\$5,796,655</u>

27. *Library Books and Binding—*

Balance at 31/12/66 (for details see 1966 Financial Statements)	1,648,277		
Transferred from Investment of Endowments and Grants Section	18,212		
		<u>1,666,489</u>	
Add Purchased, 1967—			
From S.A. Government Grants	214,012		
From Donations and Other Grants	16,262		
		<u>230,274</u>	
		-----	<u>\$1,896,763</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1967 — Continued

	\$	\$
28. <i>Share and Stock Investments—</i>		
S.A. Gas Co. Bonds (Sandland)	780	
Estate W. H. Sandland—Shares	8,214	
Estate W. D. Grigg—Shares	5,503	
Commonwealth Government Special Series “T” Bonds—4%—4%—1/10/70	600	
	<u> </u>	<u>\$15,097</u>
29. <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> </u>	<u>\$230,207</u>
30. <i>Land—</i>		
Urrbrae, Claremont and Netherby Estates...	84,909	
Alverstoke Estate	24,000	
	<u> </u>	<u>\$108,909</u>
31. <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	11,428	
Shearing Shed	3,172	
Education Block	798	
Cool House No. 5B (Building No. 35)	17,064	
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)	42,925	
Waite Institute (South Wing)—Fittings	8,246	
Glasshouse No. 7	7,600	
Alterations to Urrbrae House	19,968	
	<u> </u>	<u> </u>
Carried forward	241,072	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1967 - Continued

	\$	\$	\$
Brought forward		241,072	
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		19,064	
Agronomy Field Laboratory		20,840	
Glasshouse No. 8		19,290	
Agronomy Garage		2,340	
Waite Animal House (Agricultural Biochemistry)		6,229	
Central Animal House		49,011	
Farm Garages		2,585	
Glasshouse No. 22		5,042	
Caretaker's Cottage—Urrbrae		9,842	
Animal and Sheep Pens		31,953	
Mortlock Experiment Station— Improvements		3,206	
Library		69,998	
Sheep Pens		6,430	
Bee Research Laboratory		14,090	
Mortlock Experiment Station—Field Laboratory		28,910	
Head House for Glasshouses		27,994	
Plant Pathology Field Laboratory		49,354	
Three Houses—Mortlock Experiment Station		30,549	
Sub-station		3,145	
Students' Chemistry Laboratory		16,064	
Insectary Glasshouse		6,330	
		<u>981,759</u>	
 32. <i>Equipment and Furniture—</i>			
Stock Account—Sheep		2,941	
Mortlock Stock Account—Sheep		8,204	
Mortlock Stock Account—Cattle		1,760	
Equipment and Furniture— Balance at 31/12/66 (for details see 1966 Financial Statements)	\$1,404,167		
Deduct Sheep Accounts	14,451		
		<u>1,389,716</u>	
Add Purchased during 1967		182,693	
		<u>1,572,409</u>	
		<u>\$1,585,314</u>	
 33. <i>Library—</i>			
Purchased from Government Grants		156,571	
Library		22,246	
		<u>\$178,817</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1967—Continued

	\$	\$
34. Current Balances—		
Petty Cash	100	
Advance Account	200	
Wool Research Fund—Agronomy—		
Nutrition Factors	3,054	
Wool Research Fund—Agronomy—		
Introduced Species	8,522	
Wool Research Fund—Animal Physiology—		
Adapt to Tropics	5,424	
Wool Research Fund—Animal Physiology—		
Endocrine	1,211	
Wool Research Fund—Animal Physiology	2,034	
Commonwealth Wheat—Agronomy	3,615	
Commonwealth Wheat—Agricultural		
Biochemistry and Soil Science	2,782	
Commonwealth Wheat—Plant Pathology	1,375	
Commonwealth Wheat—Plant Physiology	840	
S.A. State Wheat Fund—Agricultural		
Biochemistry	7,141	
Sirex Wasp Research—Plant Pathology	7,312	
Australian Meat Research—Animal		
Physiology	14,933	
Australian Meat Research—Mortlock		
Experiment Station	2,328	
Rural Credits Development—Agronomy	681	
Rural Credits Development—Agricultural		
Biochemistry	199	
Shell Chemical Aust. Pty. Ltd.—Plant		
Pathology	193	
Rural Credits Development—Agronomy	2,429	
Rural Credits Development—Animal		
Physiology	869	
A.I.N.S.E. Grant—Agricultural	1,081	
Biochemistry		
Wool Research Studentship—Animal		
Physiology	386	
Commonwealth Wheat Studentship—		
Agricultural Biochemistry	178	
Chilean Nitrate Grant—Agricultural		
Biochemistry	310	
U.S.P.H.S.—Agricultural Biochemistry	108	
Parke Davis Grant—Entomology	3	
C.S.I.R.O. Studentship—Agricultural		
Biochemistry	67	
Sundry Balances	433	
Wool Research Fund—Animal Physiology	220	
I.B.P. Secretarial Assistance—Agronomy	454	
Australian Research Grants Committee—		
Agricultural Biochemistry—Greenland	61	
Agricultural Biochemistry—Nicholas	250	
Agronomy—Donald	733	
Entomology—Browning	157	
Agricultural Biochemistry—Greenland	662	
Agricultural Biochemistry—Nicholas	692	
Agronomy—Donald	99	
Agricultural Biochemistry—Tate	177	
Agricultural Biochemistry—Jackson	339	
Sundry Debtors	6,709	
Advance Payments, 1968—Departmental		
Maintenance	3,400	
A.R.C.C.—Payroll Tax	268	
	\$82,029	

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Anatomy</i>	Australian Institute of Aboriginal Studies
<i>Anthropology</i>	Australian Institute of Aboriginal Studies
<i>Biochemistry</i>	Australian Research Grants Committee Prime Minister's Department Commonwealth Department of Health Rural Credits Development Fund Rural Credits Development Fund Australian Wool Board Wheat Industry Research Council (Commonwealth) Nuffield Foundation
<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 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 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 American Chemical Society (Petroleum Research Fund) Nuffield Foundation Prime Minister's Department
<i>Child Health</i>	Australian Research Grants Committee Life Insurance Medical Research Fund Merck Sharp and Dohme National Heart Foundation of Australia

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1967 \$	<i>Estimated</i> 1968 \$
Grant for Lectures on Australian Literature	—	1,000
Grant for Aboriginal Research and Publication Subsidy	3,330	2,000
Grant for Research—Dr. F. Gale	698	615
Grant for Research—Strehlow	1,930	2,200
Grant for Research—Dr. C. Ellis	2,500	2,500
Grant for Research—C. P. Mountford	988	1,750
Grant for Research—Professor A. A. Abbie	1,190	1,500
Fellowship—Mrs. L. Hercus	2,403	2,400
Grant for Research	27,209	43,019
Queen Elizabeth II Fellowship	2,007	—
N.H.M.R.C. Grant for Medical Research	6,450	3,624
Grant to establish a unit for Virus Biochemistry and Molecular Biology	6,598	2,500
Grant for purchase of Scintillation Spectrometer	7,784	450
Grant for Research on Structure and Biochemical Aspects of Keratinisation	3,862	5,850
Grant for Wheat Improvement Research	15,393	9,780
Grant for Research	527	—
N.H.M.R.C. Annual Grant	3,000	2,000
Grant for Research	6,568	20,752
Grant for Research Project—"Ecology of Cattle Grazing in Central Australia"	2,719	3,000
Grant for Postgraduate Training in Biophysics	1,479	1,500
Grant for Research	797	1,200
Grant for Research	62,457	39,898
Grants for Research	4,390	1,250
Postgraduate Scholarship	1,200	1,200
Postgraduate Fellowship	4,763	4,800
Postgraduate Fellowship	2,049	—
Grant for Research	3,026	3,980
Grant for Research	28,729	23,695
Grant for Research	1,009	—
Grant for Research in Organic Chemistry	2,171	5,000
Queen Elizabeth II Fellowship	16,240	8,050
Grant for Research	3,064	—
Grants for Research	6,959	4,565
Grant for Research	120	100
Grant-in-aid	4,712	4,710
Carried forward	238,321	204,888

<i>Department</i>	<i>Source of Grant</i>
<i>Child Health (continued)</i>	Commonwealth Department of Health
	W. S. Merrell & Co.
	Adelaide Children's Hospital
	Ciba Co. Pty. Ltd.
<i>Computing Science</i>	Control Data of Aust. Pty. Ltd.
<i>Dental Science</i>	Australian Research Grants Committee
	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
	Wool Research Committee
<i>Elder Conservatorium</i>	Australian Institute of Aboriginal Studies
	Myer Foundation
	Nuffield Foundation
<i>English</i>	Australian Research Grants Committee
<i>Civil Engineering</i>	Reserve Bank—Rural Credits Development Fund
	Esso Standard Oil (Aust.) Ltd.
	Seaside Councils Committee
	Cement and Concrete Association of Australia
	Various Donors
	Australian Research Grants Committee
<i>Electrical Engineering</i>	C.S.I.R.O. Electrical Research Board
	Neurosurgical Research Foundation
	Department of Supply
	Department of Civil Aviation
	I.C.I.A.N.Z. C.S.I.R.O.—Radio Research Board

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1967 \$	<i>Estimated</i> 1968 \$
Brought forward	238,321	204,888
N.H.M.R.C. Grants for Medical Research	6,350	9,000
Grant for Research	1,074	870
Grants for Research in Child Health	2,188	5,210
Grant for Research in Child Health	578	800
Postgraduate Research Fellowships	6,014	1,700
Grant for Research	5,820	—
N.H.M.R.C. Grants for Medical Research	4,150	14,315
Grant for Growth Study of Australian Aborigines	5,025	21,800
Grant for Dental Research	16,497	10,000
Grant for project—"Australian Manufacturing Industry"	29	800
Grant for project—"Sources and uses of funds"	983	115
Grant for project—"Investigation into Australian Transport Industry"	222	600
Grant for project—"New Land Development"	214	580
Grant for Postgraduate Programme in Wool Economics	17,793	22,400
Grant for Collection of Ethnomusicological Material—Dr. C. Ellis	769	5,500
Grant for Travel	500	—
Grant for the project—"Heritage of Australian Music"	780	800
Grant for Research	—	4,946
Grants for Irrigation Research	2,566	—
Grant for Research	37	400
Grant for Beach Erosion Studies	17,245	5,000
Grant for Research	—	1,500
Grants to support research on House Foundations	3,725	4,000
Grant for Research	143	—
Grant for research on control of Linear and Rotary Electro-Mechanical Motion	1,214	6,200
Grant for Research	1,000	—
Grant for research on Overseas Radio Propagation	5,211	—
Grant for Research	118	450
Research Fellowship	2,500	2,500
Grant for Research	908	2,000
Carried forward	341,974	326,374

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Chemical Engineering</i>	Australian Research Grants Committee
	Monsanto Chemicals (Aust.) Ltd.
	Australian Institute of Nuclear Science and Engineering
	Esso Standard Oil (Aust.) Ltd.
<i>Mechanical Engineering</i>	Australian Research Grants Committee
	Department of Supply
	Simpson Pope Limited
	Rural Credits Development Fund
	U.S. Navy Grant
	Australian Institute of Nuclear Science and Engineering
	Esso Standard Oil (Aust.) Ltd.
<i>Genetics</i>	Australian Research Grants Committee
	Rothmans University Endowment Fund
<i>Mathematics</i>	General Motors-Holden's Ltd.
	General Motors-Holden's Ltd.
	Australian Road Research Board
<i>Mathematical Physics</i>	Australian Research Grants Committee
	Australian Institute of Nuclear Science and Engineering
	Rothman's 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>	Australian Research Grants Committee
	Commonwealth Department of Health
	National Heart Foundation
	Department of Territories
<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.

OF ADELAIDE

Received from Outside Sources

Nature of Grant	1967	Estimated 1968
	\$	\$
Brought forward	341,974	326,374
Grant for Research		
Grant for Research	9,106	4,060
Grant for project—"Transient Response of Packed Beds"	499	—
	373	365
Grant for Research	—	700
Grant for Research		
Grant for Research—Postgraduate Studentships	18,817	3,972
Grant for Research Fellowship in Engineering Acoustics	3,377	2,800
Grant for Research	6,092	6,000
Grant for Research	761	370
Grants for Research	1,466	—
	5,623	1,650
Grant for Research		
	305	400
Grant for Research		
Fellowship	5,440	—
	8,249	8,800
Postgraduate Scholarship		
Postgraduate Studentship in Theory of Traffic Flow	265	1,300
Fellowship	2,455	3,000
	3,278	4,000
Grant for Research		
Grants for Research	6,986	9,760
	10,748	1,050
Postgraduate Fellowship		
	3,950	—
Grant for Research		
Grant for Research	3,676	15,409
Grant for Research	2,430	2,000
	1,059	—
Grant for Research		
N.H.M.R.C. Grants for Medical Research	5,303	—
Grant-in-aid	10,259	18,950
Grant for Goitre Research	20,502	23,150
	914	600
Grant for Research		
	6,862	6,380
Grant for Research		
N.H.M.R.C. Grant for Medical Research	10,318	16,385
Grant for Research	16,842	7,160
	21,049	2,100
Research Fellowship		
	—	570
Grant for Research		
Grant for Research	1,723	2,000
	78	200
Carried forward	530,779	469,505

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Pathology</i>	Australian Road Research Board
<i>Geography</i>	Australian Institute of Aboriginal Studies
<i>Geology</i>	Australian Research Grants Committee American Petroleum Institute American Chemical Society Grant Nuffield Foundation Grant
<i>History</i>	Australian Research Grants Committee Social Science Research Council
<i>Economic Geology</i>	Esso Exploration Aust. Inc. Broken Hill Mining Managers' Association Kennecott Copper Corp. Kern County Land Co. Fund Electrolytic Zinc Co.
<i>Obstetrics</i>	Australian Research Grants Committee Abbott Laboratories Pty. Ltd. 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 C.S.I.R.O. Studentships Australian Research Grants Committee Department of Supply (Weapons Research) Department of Supply (Weapons Research) Department of Supply Australian Institute of Nuclear Science and Engineering U.S. Air Force Philips Electrical Industries Pty. Ltd. U.S. Air Force U.S. Air Force National Aeronautics and Space Administration
<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

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1967	<i>Estimated</i>
	\$	1968
	\$	\$
Brought forward	530,779	469,505
Fellowship	309	750
Grant for project—"A Demographic Study of Aborigines"	698	615
Grant for Research	7,887	23,135
Grant for Research on Dolomite Sedimentation	—	1,500
Grant for Research on Pre-Cambrian Fossils	551	600
Grant for Research	221	270
Grant for Research	4,584	6,105
Grant for Research	483	—
Grant for Research	40	2,000
Post-Doctoral Fellowship	6,698	700
Postgraduate Fellowship	1,745	500
Grant for Research	3,295	1,505
Grant for Research	1,500	—
Grant for Research	2,570	—
Grant for Research	500	—
Grant for Research	118	500
Grant for Research project—"Prevention of Premature Labour"	1,053	1,500
Grant for work on Hormone Preparations	1,038	300
N.H.M.R.C. Grant for Medical Research	5,500	—
Meteor Trails Research	26,123	21,000
Grants for Research	300	3,126
Grant for Research	75,162	59,556
Grant for Upper Atmosphere Research	9,752	10,000
Grant for Work on Optical Scatter Measurements with a Pulsed Laser	14,128	10,000
Grants-in-aid	1,860	6,200
Grants for Research	1,153	—
Grant for Ionospheric and Meteor Observations with large Antenna Array	15,740	16,460
Grant for Research	207	2,000
Grant for a Study of the Inter-planetary Magnetic Field	17,804	24,400
Grant for Atomic and Molecular Photo Disintegration	13,204	18,000
Grants for Research	3,544	32,960
Grant for Research	13,453	—
Aeromedical Research	6,557	7,000
N.H.M.R.C. Grants for Medical Research	22,913	26,885
Grant for Pharmacological Research on Blood Vessels	3,700	1,300
Grants for Research	2,637	11,527
Grants-in-aid	5,513	9,505
Carried forward	803,319	769,404

<i>Department</i>	<i>Source of Grant</i>
<i>Politics</i> ...	Australian Research Grants Committee
<i>Psychology</i>	Australian Research Grants Committee Reserve Bank of Australia
<i>Surgery</i> ..	Australian Research Grants Committee Commonwealth Department of Health National Heart Foundation Prime Minister's Department
<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>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 Rural Credits Development Fund Rural Credits Development Fund

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1967 \$	<i>Estimated</i> 1968 \$
Brought forward	803,319	769,404
Grant for Research	3,449	—
Grant for Research	26,207	21,232
Fiftieth Anniversary Postgraduate Scholarship	2,645	3,000
Grant for Research	8,180	8,100
N.H.M.R.C. Grant for Medical Research ...	6,014	6,300
Grant-in-aid	7,518	5,728
Queen Elizabeth II Fellowship	3,719	—
Grant for Research	7,235	16,865
Grant for the Study of Ecology of the Kangaroo Island Wallaby	411	—
Postgraduate Scholarships	2,485	4,200
Grant for Research in Parasitic Nematodes	2,132	—
Grant for Publication of B.A.N.Z.A.R.E. Reports	1,097	320
Grant for American Studies	12,835	5,000
Grant for Medical Books and Periodicals ...	2,497	2,900
Grant for Medical Books and Periodicals ...	97	150
Grant for Laboratory Books, Manuals, etc., for Microbiology Department	37	50
Grant for Library Books on Economics	—	100
Grant for Library Books	6	40
	<u>\$889,883</u>	<u>\$843,389</u>
Grants for Research at Waite Institute	68,100	63,000
Grant for Project—"Use of Radio Active Nitrogen in Studies with Bacterial Enzymes"	1,036	634
Grants for Research into the following Projects: "Nutritional Factors Influencing Growth of Merino Sheep under Field Conditions in Mediterranean Climate"; "Evaluation of Introduced Species and Strains of Pasture Plants for Southern Australia"; "Grant for Research into Insects"; "Adaptation of Sheep to Arid Tropics"; "Studies of Endocrine Basis of Implantation and the Maintenance of Pregnancy"	53,162	50,224
Grant for Research into Barley	32,844	36,424
Grant for Field Laboratory for Work on Soil-borne Diseases	14,600	—
Grant for Biochemical Work on Nitrogen Fixation	1,293	3,600
Grant for Installation of Controlled Environment Cabinet and Microscopes	227	—
Grant for Constant Temperature Cabinets and Glasshouses	1,830	10,000
Grant for Project—"The Ecology of Light, Water and Nutrients in Crop and Pasture Growth"	522	—
Physiological Genetics of Adaption in Sheep	8,744	13,680
Carried forward	<u>182,358</u>	<u>177,562</u>

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute</i> (continued)	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Rural Credits Development Fund
	Nuffield Foundation
	Nuffield Foundation
	Parke Davis & Co. Ltd.
	Anti-Cancer Foundation
	Wheat Industry Research Council (Commonwealth)
	Wheat Industry Research Council (State)
	Commonwealth Department of Health
	Australian Meat Research Committee
	Australian Honey Board
	National Sirex Trust Fund
	Sulphur Institute
	Drug Houses of Australia—Cyanamid Grant
	Borax Consolidated Ltd.
	Bank of New South Wales
	Commonwealth Development Bank of Australia
	Commonwealth Development Bank of Australia
U.S. Department of Public Health, Education and Welfare	
U.S. Department of Public Health, Education and Welfare	
U.S. Department of the Army Surgeon-General	

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1967 \$	<i>Estimated</i> 1968 \$
Brought forward	182,358	177,562
Grant for Research into Forms of Fertilizer Nitrogen for Cereals in Relation to Rates of Supply	—	2,894
Grant for Studies in Biochemistry of Sulphur Oxidising Soil Bacteria	—	13,286
Grant for Studies in Reproductive Physiology	—	2,567
Provision of Cold Laboratory for Virus Disease and Investigations	—	4,780
Provision of Horticultural Laboratory for Plant Physiology Studies	—	14,000
Provision of Radio Active Cabinets	7,217	1,383
Grant for Lysimeter	2,143	—
Grant for "Phytotron"—Agronomy Department	—	25,000
Grant for Reader in Biometry	—	9,460
Grant for Tutor in Biometry	—	3,380
Grant for Biochemical Work on Nitrogen Fixation	—	5,000
Grant for Research in Entomology	26	—
Grant for Professor Rogers for Entomology Laboratory for Research	2,003	2,000
Grant for Research—Animal Physiology—Dr. Sabine	—	4,400
Grant for Wheat Improvement Research	75,179	80,523
Grant for Wheat Improvement Research	26,889	29,503
Grant towards Quarantine Investigations	—	5,000
Grant for Research	22,016	19,762
Grant to Purchase Research Equipment and for Studies in Pollination of Lucerne	979	916
Grant for Sirex Wasp Research	9,648	10,288
Grant for Studies of the Seasonal Availability of Sulphur in some South-East Soils; Incubation Studies in Soils with Varying History of Fertilizer Users	2,972	3,306
Grant for Project—"The Effect of Growth Retardance of Grape Berry Development"	171	294
Grant for Project—"The Role of Boron in Plant Nutrition"	244	756
Contribution towards Building of New Field Laboratory	400	—
Grant for Project—"Biosynthesis of Oestrogen-like Substance in Clover"	7,914	11,000
Grant for Project—"Ecological Study of Red Scale"	11,402	11,600
Grant for Project—"Physiological Adaptation to Parasitism"	5,980	4,928
Grant for "Deoxyribonucleic Acid Metabolism in Chemoautotrophic Bacteria"	6,800	—
Grant for Project—"Water and Electrolyte Economy of Desert Aborigines and New Guinea Melanesians"	6,767	5,585
	<u>\$371,108</u>	<u>\$449,173</u>
SUMMARY		
NORTH TERRACE	\$889,883	\$843,389
WAITE INSTITUTE	\$371,108	\$449,173
Total Grants from Outside Sources	<u>\$1,260,991</u>	<u>\$1,292,562</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME	\$
ANTI-CANCER FOUNDATION—	
Annual Grant from Government of S.A.	12,000
Income from Neale Endowment	3,287
Income from R. F. Mortlock Endowment	595
Income from C. V. Crocombe Endowment	372
Income from R. T. Melrose Endowment	229
Income from J. Grinberg Endowment	10
Income from H. L. Heuzenroeder Endowment	284
Income from Hoare Estate Endowment	758
Income from M. August Endowment	184
Income from Emma Jeffress Endowment	610
Income from Ruby Chambers Endowment	49
Income from O. E. Braund Endowment	1,171
Income from E. Mills Endowment	203
Income from Isobel Young Endowment	225
Income from Ethel E. Jenkins Bequest	142
Income from R. A. James Estate	5,167
Income from M. I. Hatwell Estate	262
Income from Lord Mayor's Fund	7,944
Income from Sundry Endowments	326
Income from M. A. Sharpe Bequest	2,025
Income from N. B. C. Chapman Bequest	253
Income from E. H. Cobley	270
Income from E. F. Hern Estate	116
Income from F. G. McLaughlin Estate	18,647
Linear Accelerator Treatment Fees	4,689
Donations	1,830
Physics Section Income	287
Anti-Cancer Cytology Services (Net Income)	48,547
	<u>\$110,482</u>
 UNION FEES—	
Fees received for the year 1967	150,951
	<u>\$150,951</u>
 ADULT EDUCATION—	
Allocation by University	53,500
Fees: Tutorial Classes	24,468
Schools and Special Programmes	23,691
	<u>\$101,659</u>

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1967

EXPENDITURE

ANTI-CANCER FOUNDATION—

\$

Salaries	59,280
Payroll Tax and Insurance	1,232
Physics Section Expenses	1,252
Equipment	707
Library	1,000
Sundries	1,145
Patients' Care	505
Car Expenses	523
Travelling Expenses	2,528
Hostel Building Repairs and Maintenance	1,108
Linear Accelerator Maintenance	2,061
Public Education	685
Subscription to Anti-Cancer Society	2,000
Computing Expenses	1,060
Visiting Lecturers	45
U.I.C.C. Seminar	4,106
Grant to Department of Obstetrics	20,040
Grant to Flinders University	7,546
Grant to Computing Science	1,074
Surplus, 1967	2,585

\$110,482

UNION FEES—

Paid to Union Council	149,287
Refunded to Students	1,664
	<hr/>
	\$150,951
	<hr/>

ADULT EDUCATION—

Administrative Salaries	40,150
Honoraria—Tutors and Lecturers	27,205
Payroll Tax and Insurance	1,673
Travelling Expenses—Staff	1,656
Tutors' Travelling Expenses	1,194
Printing and Programmes	881
Advertising	925
Library	384
Administrative Expenses	2,834
Schools and Special Programmes Expenses	24,357
Depreciation of Motor Vehicles	400
	<hr/>
	\$101,659
	<hr/>

THE UNIVERSITY
STATEMENT OF SEPARATE

	INCOME	\$
EDWARD NEALE TRUST FUND—		
Income for the year 1967		\$3,287
MEDICAL RESEARCH COMMITTEE—		
Sheridan Income		13,729
G. M. Dowling Income Account		7,051
J. T. Mortlock Income Account		3,380
Sewell Myer Income Account		2,150
Jean B. Reid Income Account		7,646
		\$33,956
PUBLIC EXAMINATIONS BOARD—		
Fees received		168,702
Sundry Income		4,951
Government Contribution for Fees of Teaching Scholars, 1967/68		4,825
Deficit for period 1/4/67-31/3/68 (to be reimbursed by South Australian Government)		55,802
		\$234,280

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1967

EXPENDITURE

EDWARD NEALE TRUST FUND—

\$

Transferred to Anti-Cancer Fund, 1967	<u>\$3,287</u>
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MEDICAL RESEARCH COMMITTEE—

Salaries, Payroll Tax and Insurance	22,269
Departmental Expenditure—	
Physiology—Equipment and Maintenance	1,777
Pathology—Equipment and Maintenance	821
Dentistry—Equipment and Maintenance	1,232
Medicine—Equipment and Maintenance	1,970
Anatomy—Equipment and Maintenance	195
Obstetrics—Equipment and Maintenance	1,270
Surgery—Equipment and Maintenance	1,171
Biochemistry—Equipment and Maintenance	2,276
Child Health—Equipment	226
Mental Health—Equipment	349
Grant to Australian Journal of Experimental Biology and Medical Science	400
	<u>\$33,956</u>

PUBLIC EXAMINATIONS BOARD—

Salaries	27,238
Payroll Tax and Insurance	1,399
Examiners, Supervisors and Local Secretaries	127,873
Printing and Stationery	33,771
Sundry Examination Expenses	1,407
Postages	3,054
Sundries	4,289
Electricity	513
Telephone	1,630
Rent—Elizabeth House	9,136
Cleaning—Elizabeth House	1,119
Computing Expenses	14,355
Hire of Halls	347
Furniture and Equipment	17
Temporary Staff	7,772
Travelling Expenses	360
	<u>\$234,280</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

		\$	\$
<hr/>			
PUBLIC EXAMINATIONS BOARD—			
Capital Account—Accumulated Deficit at 31/3/68	.....	.....	99,092
			<u>99,092</u>
 INCOME			
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—			
Fees Received for year 1967	.....	.....	20,089
			<u>20,089</u>
 HOSPITAL FEES—			
Fees—Medicine	.....	.....	33,811
Dentistry	.....	.....	2,499
			<u>36,310</u>
<hr/>			

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 7, 1968.

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1967

PUBLIC EXAMINATIONS BOARD—	\$	\$
<i>Capital Account</i> —Accumulated Deficit brought forward from 31/3/67		144,534
Less Government of South Australia Reimbursement of		
Deficit 1966/67	\$76,243	
Contribution by University towards Accumulated		
Deficit	25,000	
		<u>101,243</u>
Plus Deficit for Year ended 31/3/68 (to be Reimbursed by South		43,291
Australian Government)		55,801
		<u>\$99,092</u>

EXPENDITURE

BOARD OF PUBLIC EXAMINATIONS IN MUSIC—

Clerical Expenses	400
Printing and Stationery	1,181
Examiners and Supervisors	8,102
Examiners and Supervisors—Travelling Expenses	705
Sundries	278
Postages	313
Organist	100
A.M.E.B. Scholarships	1,431
Administration Charges	2,009
Surplus, 1967 (Transferred to Accumulated Fund)	5,570
	<u>\$20,089</u>

HOSPITAL FEES—

Queen Victoria Maternity Hospital	4,789
Director-General of Medical Services	3,846
Queen Victoria Maternity Hospital—Honorary Staff	397
Queen Elizabeth Hospital	7,940
Queen Elizabeth Hospital—Honorary Staff	4,304
Royal Adelaide Hospital—Honorary Staff	9,020
Adelaide Children's Hospital—Honorary Staff	1,607
Adelaide Children's Hospital	1,908
Dental Hospital	2,499
	<u>\$36,310</u>

W. MEIKLEJOHN,
Bursar.

of the year which ended on the 31st December, 1967, 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 1968

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
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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
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3. Doctorates:

Notes to candidates for the degree of Doctor of Philosophy	651
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Music - - - - -	673
Pharmacy - - - - -	678
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5. Table of Fees - - - - - 690

6. Rules:

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Laboratories - - - - -	710
Napier Birks Room - - - - -	712
Conduct of Examinations - - - - -	713

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.

* Amendment awaiting allowance at time of printing.

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 1128.

I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

- Group A:* 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) 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 environments 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 | - - - - - | \$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

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.

† Amendment awaiting allowance at time of printing.

**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 1128.

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)

SECOND YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM71	Mathematics I (Engineering)	Lectures ... 3 Tutorials ... 2	} 48
TP82	*Physics B (Engineering)	Lectures ... 2 Practical ... 3		} 48
TI62	Chemistry IIA	Lectures ... 3 Practical ... 6	} 60
TT82	Engineering Materials	Lectures ... 2 Practical ... 2		} 45
And in addition, if not taken in the First Year			
TJ11	Engineering Drawing	Practical ... 3	45

THIRD YEAR

(To be offered for the last time in 1970)

TI63	Organic Chemistry IIA	Lectures ... 2 Practical ... 6	} 60
TI83	Applied Physical Chemistry	Lectures ... 2 Practical ... 3		} 48
TJ01	Mechanical Engineering I(T)	Lectures ... 2	36
TJ73	Materials and Structures	Lectures ... 2 Practical ... 2	} 45
TI03	Process Technology I Vacational Report (First)	Lectures ... 2 ² , 3 ¹		36

FOURTH YEAR

(To be offered for the last time in 1972)

TE83	Electrical Engineering IIA(T)	Lectures ... 2 Practical ... 2	} 45
TJ12	Engineering Drawing and Design II	Lectures ... 1 Practical ... 3		} 45
<i>either</i>			
TI74	Analytical Chemistry	Lectures ... 1 Tutorial ... 1 Practical ... 3	} 48
<i>or</i>			
TI84	Process Control (T)	Lectures ... 1 Practical ... 3	} 45
TI04	Process Technology II	Lectures ... 2 Practical ... 6		} 60
TI94	Unit Operations	Lectures ... 1 Tutorials ... 3 Practical ... 3	} 45
TA94	Industrial Economics Vacational Report (Second)	Lectures ... 1 ²		18

* Candidates enrolled for Applied Chemistry (Course B) are required to take Biology (SZ71) instead of Physics B (Engineering) (TP82).

(b) Old Course (Course B)

The same subjects as are taken in the Second Year by a student in Course A. Details are shown in Clause 5(a).

THIRD YEAR

(To be offered for the last time in 1970)

TI63	Organic Chemistry IIA	Lectures ... 2 Practical ... 6	} 60
TI83	Applied Physical Chemistry	Lectures ... 2 Practical ... 3		} 48
SY73	*Human Nutrition	Lectures ... 1	45
TI03	Process Technology I	Lectures ... 2 ² , 3 ¹	36
TI13	Industrial Microbiology I	Lectures ... 2 Practical ... 4	} 78
Vacational Report (First)			

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

SCHEDULES—DEGREE OF B.APP.SC.

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 Practical ... 2	45
	<i>or</i>		
TI84	Process Control (T)	Lectures ... 1 Practical ... 3	45
TI04	Process Technology II	Lectures ... 2 Practical ... 6		60
TI94	Unit Operations	Lectures ... 1 Tutorials ... 3 Practical ... 3	45
TA94	Industrial Economics	Lectures ... 1 ²		18
TI14	Industrial Microbiology II	Lectures ... 2 Practical ... 6	90
	Vacational Report (Second)		

(c) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorials ... 2	48
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2		51
TH01	Chemistry I(T)	Lectures ... 3 Tutorial ... 1 Practical ... 3	57
TH91	Basic Science Techniques	Lectures ... 1 ¹ Tutorials ... 3 ¹ Practical ... 3 ²		45
TT81	Engineering Materials A	Lectures ... 1 Practical ... 3 ^{1 1/2}	45
	A General Studies Elective (see Schedule 13)	Tutorials ... 2		36

SECOND YEAR

TH02	Chemistry II(T), Physical	Lectures ... 2 Tutorial ... 1 Practical ... 3	51
TH12	Chemistry II(T), Organic	Lectures ... 2 Practical ... 3		48
TH22	Applied Chemistry I	Lectures ... 2 Tutorials ... 2	45
TM12	Mathematics IIB	Lectures ... 2 Tutorials ... 2 ²		45
TH92	Engineering Service	Lectures ... 1 Practical ... 2	45
TT52	Fluid and Particle Dynamics	Lectures ... 1 Practical ... 3 ¹		36
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36
	Vacational Report (First)		

THIRD YEAR

TH23	Applied Chemistry II	Lectures ... 2 Tutorial ... 1 Practical ... 4	57
TH53	Chemical Process Kinetics	Lectures ... 1 Tutorials ... 2		45
TH73	Transfer Operations	Lectures ... 2 Tutorial ... 1 Practical ... 3	51
TH63	Chemical Instrumentation	Lectures ... 2 Practical ... 3 ²		45
TH83	Process Dynamics and Control	Lectures ... 1 Tutorial ... 1 Practical ... 3	48
	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 ¹	}	12
		Tutorial	...	1 ¹		
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 ²	}	32
		Practical	...	3 ²		
TM93	Programming Project	Tutorial	...	1 ¹	}	15
		Practical	...	3 ¹		
TP93	Control Studies	Lectures	...	1 ²	}	30
		Practical	...	2 ²		
	<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*

SECOND YEAR

The same subjects as are taken in the Second Year by a student in the Applied Chemistry (Course A) 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 ²	60
		Practical	4 ²	
TI83	Applied Physical Chemistry	Lectures	2	48
		Practical	3	
TE83	Electrical Engineering IIA(T)	Lectures	2	45
		Practical	2	
TT53	Introductory Mineral Processing	Lectures	1	45
		Tutorial	1	
		Practical	2	
TI03	Process Technology I	Lectures	2 ² , 3 ¹	36
TJ63	Materials and Structures (Part Course) Vacational Report (First)	Lectures	2	36

FOURTH YEAR

(To be offered for the last time in 1972)

TT64	Mineral Processing	Lectures	2	51
		Seminars	1	
		Practical	3	
TT44	Extractive Metallurgy I	Lectures	2	51
		Seminar	1	
		Practical	3	
TI84	Process Control (T)	Lectures	1	45
		Practical	3	
TA94	Industrial Economics	Lectures	1 ²	18
TI94	Unit Operations	Lectures	1	45
		Practical	3	
	<i>or</i>			
TN02	Mineral Engineering I	Lectures	2	45
	<i>and</i>	Practical	1	
TC73	Hydraulics (T)	Lectures	1 ¹	36
		Practical	3	
TT84	Primary Metallurgy Projects Vacational Report (Second)		7	57

* 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	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	
TT71	Basic Science Techniques (M)	Lectures	1 ¹	48
		Tutorials	2 ²	
		Practical	3	
TT91	Materials Science (T)	Lectures	2	36
	A General Studies Elective (see Schedule 13)	Tutorials	2	36

SECOND YEAR					
Subject No. in Syllabus	Subject			Hours a week	Fee \$
TM12	Mathematics IIB		Lectures	2	} 45
			Tutorials	2 ^a	
TH02	Chemistry II(T), Physical		Lectures	2	} 51
			Tutorial	1	
			Practical	3	
TT52	Fluid and Particle Dynamics		Lectures	1	} 36
			Practical	3 ¹	
TT62	Applied Mineralogy		Lectures	1	} 45
			Practical	3 ^a	
TT72	Extractive Metallurgy IB		Lectures	1	} 36
			Practical	3 ¹	
TT92	Industrial Metallurgy IA		Lectures	2 ^a	} 32
			Practical	3 ^a	
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 ¹	} 16
			Practical	3 ¹	
	A General Studies Elective (see Schedule 13)		Tutorials	2	} 36
	Vacational Report (Second)				

8. SECONDARY METALLURGY COURSE

(a) Old Course

SECOND YEAR

The same subjects as are taken in the Second Year by a student in the Applied Chemistry (Course A) 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	
			Practical	3 ^a	} 48
TT43	Industrial Metallurgy A		Lectures	2	
			Practical	3 ¹	} 45
TJ63	Materials and Structures (Part Course)		Lectures	2	
	Vacational Report (First)				36

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 ¹	
TT94	Foundry Practice	Lectures ... 1 Practical ... 3 ²	} 45
TA94	Industrial Economics	Lectures ... 1 ²	
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 ¹ Tutorials ... 2 ² 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 ²	} 45
TH82	Chemistry II(T), Physical (part course)	Lectures ... 2 ² Tutorials ... 1 ² Practical ... 3 ²	
TT02	Physical Metallurgy IA	Lectures ... 2 Tutorial ... 1 Practical ... 6 ¹ , 3 ¹	} 51
TT22	Industrial Metallurgy I	Lectures ... 2 Practical ... 3 ²	
TT12	Metallography I	Lectures ... 2 ¹ Tutorials ... 2 ¹ Practical ... 6 ¹	} 20
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 Tutorials ... 2 Practical ... 3	} 60
TT23	Industrial Metallurgy II	Lectures ... 4 Tutorial ... 1 Practical ... 5	
TT72	Extractive Metallurgy IB	Lectures ... 1 Practical ... 3 ¹	} 36
TT13	Metallography II	Tutorials ... 2 ¹ Practical ... 3 ²	
TE63	Electrical Engineering SK(T)	Lectures ... 1 ² Practical ... 2 ²	} 30
	A General Studies Elective (see Schedule 13) Vacational Report (Second)	Tutorials ... 2	

9. MINERAL ENGINEERING COURSE

(a) *Old Course*

SECOND YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM71	Mathematics I (Engineering)	Lectures 3 Tutorials 2	} 48
SG83	†°Geology I (Engineering)	Lectures 2	
	<i>either</i>	Tutorial 1 Practical 2	} 90
	<i>or</i>		
SG01	°Geology I	Lectures 2 Tutorial 1 Practical 3	} 90
TV12	Structures IA(T)	Lectures 3 Practical 2	
TV21	Surveying I(T)	Lectures 2 Tutorial 1 Practical 3	} 51
TM42	Applied Mathematics (T)	Lectures 3 Tutorial 1	
	Mining Trip Vacational Experience		45

THIRD YEAR

(To be offered for the last time in 1970)

TJ12	Engineering Drawing and Design II	Lectures 1 Practical 3	} 45
TN93	Applied Geology	Lectures 3 Practical 4	
TV13	Civil Engineering A (Min.)	Lectures 3	} 45
TC73	Hydraulics (T)	Lectures 1 Practical 3 [†]	
TP82	Physics B (Engineering)	Lectures 2 Practical 3	} 48
TN02	Mineral Engineering I	Lectures 2 Practical 1	
TC82	Survey Camp Geology Field Trip Vacational Report (First)		20

FOURTH YEAR

(To be offered for the last time in 1972)

TV94	Civil Engineering B (Min.)	Lectures 3 Practical 3	} 51
TD83	Methods of Construction and Management	Lectures 1	
TE83	Electrical Engineering IIA(T)	Lectures 2 Practical 2	} 45
TN04	Mineral Engineering II	Lectures 3 Practical 3	
TV14	Structures IIA(T)	Lectures 1 Practical 2	} 45
TN94	Mineral Exploration	Lectures 2 Practical 3	
	Drilling Camp Visit to Oil Rig Vacational Report (Second)		36

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

† Not available in 1968.

(b) *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				
TH81	Engineering Chemistry and Materials	Lectures	2	}	48		
		Practical	3				
TK01	Engineering Mechanics I	Lectures	2 ² , 1 ¹	}	45		
		Tutorial	1				
		Practical	1 ¹				
TK91	Engineering Drawing	Practical	3	}	45		
TK71	Basic Engineering Techniques (Part Course)	Lectures	1				
		Practical	3 ¹	}	36		
	A General Studies Elective (see Schedule 13)	Tutorials	2				
		SECOND YEAR					
TM12	Mathematics IIB	Lectures	2	}	45		
		Tutorials	2 ²				
TK02	Engineering Mechanics II	Lectures	4	}	57		
		Practical	3				
TK82	Thermo-Fluid Dynamics I	Lectures	2	}	48		
		Tutorial	1				
		Practical	2 ²				
TN12	Applied Geology I	Lectures	2	}	51		
		Tutorial	1				
		Practical	3				
TC52	Civil Engineering S (T)	Lectures	2 ² , 1 ¹	}	45		
		Tutorials	1 ¹				
		Practical	3 ¹ , 2 ¹				
	A General Studies Elective (see Schedule 13)	Tutorials	2		36		
	Vacational Report (First)						
		THIRD YEAR					
TM13	Mathematics IIC	Lectures	1	}	36		
		Tutorials	1 ²				
TK22	Mechanical Design I	Lectures	1	}	45		
		Tutorials	3				
TE72	Electrical Engineering SC(T)	Lectures	1	}	45		
		Practical	2 ²				
TN13	Applied Geology II	Lectures	3	}	57		
		Practical	4				
TN83	Mineral Engineering A	Lectures	3	}	57		
		Practical	4				
TN73	Mineral Engineering B	Lectures	2 ² , 1 ¹	}	45		
		Tutorial	1				
		Practical	3 ¹				
	A General Studies Elective (see Schedule 13)	Tutorials	2		36		
TC82	Survey Camp				20		
	Vacational Report (Second)						

10. DATA PROCESSING COURSE

(a) *Old Course*

SECOND YEAR

(To be offered for the last time in 1968)

TM32	Applied Mathematics II(T)	Lectures	3	}	48		
		Tutorials	2				
TM52	Accounting Mathematics I	Lectures	1	}	36		
		Tutorial	1				
TM72	Programming	Lectures	1	}	45		
		Tutorials	2				
TA82	Principles of Business and Industry B	Lectures	2	}	36		
TA91	Accountancy I	Lectures	2				
		Tutorials	2	}	45		

THIRD YEAR

(To be offered for the last time in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM53	Numerical Mathematics I	Lectures ... 3 Tutorial ... 1	} 45
TM92	Statistics	Lectures ... 3 Tutorial ... 1	
TL83	Electronics and Logical Design	Lectures ... 2 Tutorial ... 1	} 45
TA92	Economics (T)	Lectures ... 2 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 Tutorial ... 1	} 90
TM64	Theory of Systems (T)	Lectures ... 2 Tutorials ... 2	
TM74	Operations Research	Lectures ... 3 Tutorial ... 1	} 45
TU94	Supervision—Human Relations	Lectures ... 1½	
TM94	Second Project Vacational Report (Second)	Tutorials ... 7	90

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorial ... 2	} 48
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2	
TM21	Programming I	Lectures ... 2 Practical ... 1	} 45
TA81	Accounting I	Lectures ... 2 Tutorial ... 1 Practical ... 1	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36

SECOND YEAR

TM02	Mathematics IIA	Lectures ... 3 Tutorials ... 2	} 48
TM22	Programming II	Lectures ... 2 Tutorial ... 1 Practical ... 3	
TM92	Statistics	Lectures ... 3 Tutorial ... 1	} 45
TA92	Economics (T)	Lectures ... 2 Tutorial ... 1	
TU92	Administration	Lectures ... 2 Tutorial ... 1	} 45
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	
	Vacational Report (First)		36

THIRD YEAR

TM73	Systems Analysis	Lectures ... 2 Tutorial ... 1	} 45
TM23	Programming III	Lectures ... 2 Tutorial ... 1 Practical ... 3	
TM33	Numerical Mathematics	Lectures ... 3 Tutorial ... 1 Practical ... 2	} 51
TM63	Operations Research I	Lectures ... 3 Tutorial ... 1	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36
	Vacational Report (Second)		

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	General Science
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

* Amendment awaiting allowance at time of printing.

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.

* Awaiting allowance at time of printing.

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 1128.

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
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C. For admission to the degree - - - - -	\$20
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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.

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 1128.

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, IIIA, and IIIB;
 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:

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.

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 IIIA <i>or</i> IIIB

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 1 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.

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;
 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:
Scheme A:
 English I, II and III;
 Old and Middle English I and II;
 Three other subjects approved by the Head of the Department, including one in a language other than English.
Scheme B:
 English I, II and III;
 Five other subjects approved by the Head of the Department, including a sequence and a language other than English.
- (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 (A *or* B);
 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 Department.
 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.

4. 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.

5. 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.

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 of 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.

† Amendment awaiting allowance at time of printing.

Allowed 16th March, 1961.

Schedules made by the Council under Regulation 2

Notes: 1. The dental clinical year begins on January 30. 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 1128.

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.

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, 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

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

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.

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 1128.

SCHEDULE I — GENERAL.

1. The subjects for the Ordinary degree shall be:
- Arts subjects as listed for the Ordinary degree of Bachelor of Arts.
 - Commercial Law B;
 - 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 1967 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.

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);

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);
 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.

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.

* Awaiting allowance at time of printing.

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

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.

†† Awaiting allowance at time of printing.

‡(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.

‡ Allowed 22nd December, 1955.

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, amendment awaiting allowance at time of printing.
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.

Schedules made by the Council under Regulation 2

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. The second year will be offered for the first time in 1968, the third year 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 1128.

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 and the third year in 1967. The fourth year of the old course will be offered for the last time in 1968 and the fifth year 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 suffix, such as 2², means 2 hours a week for two terms.

5. CIVIL ENGINEERING COURSE

(a) Old Course

FOURTH YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
EE94	Economics (Engineering)	Lectures ... 2	} 81
		Tutorial ... 1	
<i>or</i>			
SM94	Mathematics III (Engineering)	Lectures ... 2	} 81
		Tutorial ... 1	
NC04	Civil Engineering I (Old Course)	Lectures ... 3	} 117
		Practical ... 6	
NC74	Hydraulics A	Lectures ... 2	} 72
		Practical ... 3	
NC84	Instrumentation	Lectures ... 1	} 45
		Practical ... 3	
NM74	Mechanical Engineering S (C): Machine Design	Lectures ... 2 ²	} 48
		Practical ... 3 ²	
		Theory of Machines	Lectures ... 1 ²	} 24
		Practical ... 3 ¹	

FIFTH YEAR

(To be offered for the last time in 1969)

NC05	Civil Engineering IIA	Lectures ... 3, 1 ²	} 132
		Practical ... 6	
NC15	Civil Engineering IIB	Lectures ... 3	} 129
		Practical ... 8	
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	}	90	
				Tutorial ... 2			
SP01	Physics I	Lectures ... 3	}	90	
				Tutorial ... 1			
				Practical ... 3			
NX01	Engineering I	Lectures ... 3	}	90	
				Tutorial ... 1			
				Practical ... 3			
SG01	Geology I	Lectures ... 3	}	90	
				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	}	120	
				Tutorial ... 1			
NC02	Civil Engineering I (New Course)	Lectures ... 4	}	180	
				Practical ... 9 ¹ , 6 ²			
				Field Work			
NX12	Engineering IIC	Lectures ... 3	}	99	
				Practical ... 3			

THIRD YEAR
(This course will be introduced in 1969)

Civil Engineering IIA	.....	.....	Lectures ...		
			Tutorial ...		
			Practical ...		
Civil Engineering IIB	.....	.....	Lectures ...		
			Tutorial ...		
			Practical ...		
Engineering IIIC	.....	.....	Lectures ... 4		
			Tutorial ... 1		
			Practical ... 4		

FOURTH YEAR
(This course will be introduced in 1970)

Civil Engineering IIIA	.....	.....	Lectures ...		
			Tutorial ...		
			Practical ...		
Civil Engineering IIIB	.....	.....	Lectures ...		
			Tutorial ...		
			Practical ...		
Civil Engineering IIIC	.....	.....	Lectures ...		
			Tutorial ...		
			Practical ...		

6. ELECTRICAL ENGINEERING COURSE

(a) *Old Course*

		FOURTH YEAR					
		(To be offered for the last time in 1968)					
SM02	Pure Mathematics II	Lectures ... 4	}	120	
				Tutorial ... 1			
NE04	Electrical Engineering II	Lectures ... 4	}	144	
				Tutorial ... 2			
				Practical ... 6			
NC73	Strength of Materials	Lectures ... 2	}	72	
				Practical ... 3			
NM73	Engineering Drawing and Design	Lectures ... 1	}	45	
				Practical ... 3			

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	135
NE15	Electrical Engineering IIIB	Lectures	4	108
NE25	Electrical Engineering IIIC	Lectures	1	75
		Practical	12	
NE75	Vacation Laboratory Course in Electrical Engineering (three weeks' duration)			30

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. He may, however, be required to undertake some additional work in the laboratory prior to the beginning of the academic session.

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), may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subjects:

ALTERNATIVE FIFTH YEAR

(To be offered for the last time in 1968)

NC73	Strength of Materials	Lectures	2	72
		Practical	3	
NE35	Electrical Engineering A	Lectures	5	225
		Tutorial	3	
		Practical	9	
NM73	Engineering Drawing and Design	Lectures	1	45
		Practical	3	

Note: Before entering upon Electrical Engineering A, a candidate will be obliged to spend a fortnight in the laboratory carrying out selected practical experiments from Electrical Engineering I and undertaking prescribed reading.

SIXTH YEAR

NE36	Electrical Engineering B	Lectures	10	318
		Practical	12	
NE75	Vacation Laboratory Course in Electrical Engineering (three weeks' duration)			30

(b) *New Course*

FIRST YEAR

SM01	Mathematics I	Lectures	4	90
		Tutorial	2	
SP01	Physics I	Lectures	3	90
		Tutorial	1	
		Practical	3	
SC01	Chemistry I	Lectures	3	90
		Tutorial	1	
		Practical	3	
NX01	Engineering I	Lectures	3	90
		Tutorial	1	
		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	120
		Tutorial	1	
SP02	Physics II	Lectures	3	120
		Tutorial	1	
		Practical	6	
NE03	Electrical Engineering I	Lectures	3	99
		Tutorial	2	
		Practical	3	
NE83	Vacation Course in Workshop Practice (two weeks' duration)			30

SCHEDULES—DEGREE OF B.E.

THIRD YEAR

(This course will be introduced in 1969)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
Electrical Engineering II	Lectures	4	} 168
	Tutorial	2	
	Practical	6	
Engineering IIE	Lectures	2	} 78
	Practical	4	
Engineering IIIE	Lectures	4	} 132
	Tutorial	1	
	Practical	3 ²	
<i>or</i>			
Pure Mathematics II	Lectures	4	} 120
	Tutorial	1	

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)

Electrical Engineering IIIA	Lectures	5	144
Electrical Engineering IIIB	Lectures	4	120
Electrical Engineering IIIC	Lectures	1	} 99
	Practical	12	

7. MECHANICAL ENGINEERING COURSE

(a) *Old Course*

FOURTH YEAR

(To be offered for the last time in 1968)

<i>Either</i>				
EE94	Economics (Engineering)	Lectures	2	} 81
		Tutorial	1	
<i>or</i>				
SM94	Mathematics III (Engineering)	Lectures	2	} 81
		Tutorial	1	
NC94	Civil Engineering S	Lectures	2	} 72
		Practical	3	
NE74	Electronics	Lectures	1	} 89
		Practical	3 ²	
NM04	Mechanical Engineering IA (Old Course)	Lectures	3 ² , 2 ¹	} 99
		Practical	3 ² , 6 ¹	
NM14	Mechanical Engineering IB (Old Course)	Lectures	2	} 72
		Practical	3	

FIFTH YEAR

(To be offered for the last time in 1969)

NM05	Mechanical Engineering IIA	Lectures	6 ¹ , 4 ¹	} 126
		Practical	6 ²	
NM15	Mechanical Engineering IIB	Lectures	2 ¹ , 3 ²	} 96
		Practical	9 ¹ , 6 ²	
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 (New Course)	Lectures ...	117
		Practical ...	
NX42	Engineering IIM	Lectures ...	111
		Practical ...	

THIRD YEAR

(This course will be introduced in 1969)

Mechanical Engineering IIA	Lectures ...	99
	Tutorial ...	
	Practical ...	
Mechanical Engineering IIB	Lectures ...	117
	Tutorial ...	
	Practical ...	
Engineering IIIM	Lectures ...	153
	Tutorial ...	
	Practical ...	

FOURTH YEAR

(This course will be introduced in 1970)

Mechanical Engineering IIIA	Lectures ...	114
	Tutorial ...	
	Practical ...	
Mechanical Engineering IIIB	Lectures ...	114
	Tutorial ...	
	Practical ...	
Mechanical Engineering IIIC	Lectures ...	96
	Tutorial ...	
	Practical ...	
Engineering Management	Lectures ...	45

8. CHEMICAL ENGINEERING COURSE

(a) *Old Course*

FOURTH YEAR

(To be offered for the last time in 1968)

NE73	Electrical Engineering S	Lectures ...	72
		Practical ...	
NM94	Mechanical Engineering S(Ch): Machine Design	Lectures ...	57
		Practical ...	
NH04	Process Engineering IIA: Unit Operations I	Lectures ...	72
		Tutorial ...	
		Practical ...	
NH74	Process Engineering IIB: Chemical Reaction Engineering	Lectures ...	99
		Seminars ...	
		Practical ...	
NH84	Process Engineering IIC: Process Control	Lectures ...	54
		Tutorial ...	
		Practical ...	

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
		Tutorial ... 3	
		Practical ... 5	
NH75	Process Engineering IIIB: Unit Processes II	Lectures ... 2	} 72
		Tutorial ... 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).

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
		Tutorial ... 3	
		Practical ... 3 ²	

THIRD YEAR

(This course will be introduced in 1969)

Chemical Engineering IIA	Lectures ... 3	} 117
		Tutorial ... 3	
		Practical ... 3	
Chemical Engineering IIB	Lectures ... 3	} 123
		Tutorial ... 1	
		Practical ... 6	
Engineering IIIH	Lectures ... 4	} 120
		Tutorial ... 0 or 1	
		Practical ... 6 or 4 or 2	

FOURTH YEAR

(This course will be introduced in 1970)

Chemical Engineering IIIA	Lectures ... 5 ²	} 179
		Tutorial ... 3 ²	
		Practical ... 8 ²	
Chemical Engineering IIIB	Lectures ... 4 ²	} 114
		Practical ... 3 ¹	
		
Chemical Engineering IIIC	Lectures ... 1 ²	} 120
		Design	
		Project ... 40 ¹	

A candidate who has qualified for the degree of Bachelor of Science with majors in Chemistry and Mathematics and who, in addition, has passed in the subjects Engineering I and Engineering II (Part 11, Stoichiometry), 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 \$
	Engineering III, Part 4	Lectures	1	} 45
		Practical	3	
	Engineering III, Parts 6, 7, 10	Lectures	4	} 132
		Practical	4	
	Chemical Engineering IIA	Lectures	3	} 117
		Tutorial	3	
		Practical	3	
	Chemical Engineering IIB	Lectures	3	} 123
		Tutorial	1	
		Practical	6	

FIFTH YEAR

The same subjects as are taken in Fourth Year of the normal B.E. course in Chemical Engineering.

It is suggested that a candidate wishing to undertake this course should enrol in the Science Faculty for Chemistry I, Physics I, Mathematics I, and request permission from the Science Faculty to enrol for Engineering I as the necessary fourth subject for a First Year science course.

Engineering II, Part 11 (Stoichiometry), should be taken during the long vacation after completion of the Science degree.

9. ENGINEERING I, ENGINEERING II AND ENGINEERING III

(a) *Engineering I*

NX01	Engineering I	Lectures	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 ¹
2	Structural Engineering	Lectures ... 1 Practical ... 3
3	Theory of Machines	Lectures ... 1 Practical ... 3 ¹
4	Machine Design	Lectures ... 1 Practical ... 3
5	Thermodynamics and Fluids	Lectures ... 1 Practical ... 3 ¹
6	Electrical Circuits and Machines	Lectures ... 1 Practical ... 3 ¹
7	Electronics	Lectures ... 1 Practical ... 3 ¹
8	Electrical Instrumentation	Lectures ... 1 Practical ... 3 ¹
9	Engineering Materials	Lectures ... 1 Practical ... 3 ¹
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 IIIC; from Electrical Engineering, IIE and IIIE; from Mechanical Engineering, IIM and IIIM; and from Chemical Engineering, IIH and IIHH. 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 ²
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 Tutorial ... 3 Practical ... 3 ²
NX03	Engineering IIHH	1, 4, 10	Lectures ... 4 Practical ... 6
		or	
		1, 4, 12	Lectures ... 4 Tutorial ... 1 Practical ... 4
		or	
		10, 12	Lectures ... 4 Tutorial ... 1 Practical ... 2

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; further amendment awaiting allowance at time of printing.

§ 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 1128.

(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 ¹Board 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.

¹ 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 articled 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 articled 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 ¹Master, and to the ²Law 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 articled clerk shall—

- (a) file the articles in the office of the ¹Master 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 ²Law 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 ¹Master the supplementary articles, and the assignment together with an affidavit verifying the due execution; and
- (b) serve on the ²Law 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.

¹The Master of the Supreme Court of South Australia.

²The 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.

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 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 30th January. 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 1128.]

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 1968, 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. } Suspended.
- 15. }
- 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.

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.

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.

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.

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.

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 1128.

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.

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.

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

C. For admission to the degree - - - - - \$20

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.

† Amendment awaiting allowance at time of printing.

*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.

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 1128.

FIRST YEAR					
Subject No. in Syllabus	Subject			Hours a week	Fee \$
TF01	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
		Tutorial	...	2	
	A General Studies Elective (see Schedule 4)	Tutorials	...	2	36
SECOND YEAR					
TH72	Chemistry IIA(T), Organic	Lectures	...	2½	} 57
		Practical	...	4½	
TF02	Pharmaceutical Chemistry I	Lectures	...	3 ² , 4 ¹	} 60
		Practical	...	6 ² , 5 ¹	
TF12	Pharmaceutics I	Lectures	...	4 ² , 3 ¹	} 60
		Practical	...	6	
	A General Studies Elective (see Schedule 4)	Tutorials	...	2	36
THIRD YEAR					
TF03	Pharmaceutical Chemistry II	Lectures	...	3 ² , 2 ¹	} 60
		Practical	...	6	
TF13	Pharmaceutics II	Lectures	...	3	} 60
		Practical	...	7	
TF73	Physiology and Pharmacology	Lectures	...	2	} 45
		Practical	...	3 ²	
TF83	Forensic Pharmacy and Pharmaceutical Practice	Lectures	...	2	} 36
		Tutorials	...	2	
	A General Studies Elective (see Schedule 4)	Tutorials	...	2	36

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	General Science
TG41	German (Elementary)
TG31	Political Science
TG21	History of South-East Asia and Australia.

5. FEES

- (a) For attendance at lectures, practical work and annual examinations the fees shall be those prescribed in the schedule of subjects above.
- (b) For a special examination (theoretical or practical or both) in any subject - - - - - \$20
- (c) 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.

** Amendment awaiting allowance at time of printing.

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 1128.

I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

- Group A:* Biology, Botany I, Chemistry I, Geology I, Mathematics IS, Mathematics I, Physics 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, Genetics II, Geology III, Geology IIA, Histology, Mathematical Physics A, Mathematical Physics B, Mathematical Statistics II, Microbiology, Organic Chemistry III, Physical and Inorganic Chemistry IIIB, Physical and Inorganic Chemistry IIIC, Physical and Inorganic Chemistry IIID, Physical and Inorganic

Chemistry IIIE, Physics III, Physics IIIH, Physiology II, Physiology IIA, Physiology IIB, Psychology IIS, Pure Mathematics 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, Physical and Inorganic Chemistry IIIF, Physical and Inorganic Chemistry IIIG.
- (3) Biochemistry IIM, Botany IIIM, Organic Chemistry IIIM, Physical and Inorganic Chemistry IIIM, Physiology IIM, Zoology IIIM, Computing Science IIIM.

Group D: Agriculture I, Botany IIP, Botany IIIB, Geography IIC, Geology IIIB, Honours Mathematics III, Palaeontology, Physical and Inorganic Chemistry IIIA, Soil Science I, Soil Science IA, Soil Science IB, Zoology IIIC.

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in Clauses 3, 4 and 5 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.

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;

**Note:* The provision implies that a candidate who has enrolled in a Group C subject, will require the special permission of the Faculty to enrol subsequently in a Group A subject, required for the degree.

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 the plant physiology, plant geography and plant ecology sections of Botany II.

- (d) A candidate may present Honours Mathematics III from Group D *in lieu* of two Group C subjects.

- (e) A candidate may present one of the following combinations *in lieu* of two Group C subjects:

Physical and Inorganic Chemistry IIIA and—

- (a) the courses in physical organic chemistry and structure, mechanisms and synthesis A in the Department of Organic Chemistry, *or*

- (b) the courses in biochemistry of gene action, protein synthesis and control mechanisms and proteins, functions active site chemistry in the Department of Biochemistry, *or*

- (c) the courses in vectors and tensors, linear spaces, numerical analysis and mathematical models II in the Department of Mathematics.

Geology IIIB and the courses in the Department of Physical and Inorganic Chemistry in quantum chemistry, molecular spectra, thermodynamics and reaction kinetics and mechanism.

Geology IIIB and Mathematical Statistics I.

Zoology IIIC and two terms' work in another Department as approved by the Head of the Department of Zoology.

Botany IIIB and two terms' work in another Department as approved by the Head of the Department of Botany.

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 4 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;
- (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 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).

* Candidates who have passed Mathematics I (Engineering) under previous regulations and schedules will be granted status in Mathematics I.

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.

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 Geology IIIB, Honours Mathematics III, Physical and Inorganic Chemistry IIIA, Zoology IIIC (each) | - - - - - | \$300 |
| 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 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.

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.

§ Amendment awaiting allowance at time of printing.

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 1128.

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.

5. BUILDING TECHNOLOGY

(a) *Old Course*

FIRST YEAR					
(To be offered for the last time in 1968)					
Subject No. in Syllabus	Subject			Hours a week	Fee \$
TM81	General Mathematics	Lectures	...	3	} 48
		Tutorials	...	2	
TP81	General Physics	Lectures	...	3	} 57
		Tutorial	...	1	
		Practical	...	3	
TD01	Building Science I(T)	Lectures	...	1	} 36
		Practical	...	1	
TD11	Building Construction and Drawing I	Lectures	...	1	} 45
		Practical	...	2	
TD21	Quantity Surveying I	Lectures	...	2	36
TD81	Architectural Drawing I(T)	Practical	...	6 ¹ , 3 ²	45
TD91	Free Drawing I(T)	Practical	...	2	36

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 ² , 1 ¹	} 45
		Practical	...	1	
TD12	Building Construction and Drawing II	Lectures	...	1	} 45
		Practical	...	2	
TD32	Building Administration I	Lectures	...	2 ¹ , 1 ²	36
TD22	Quantity Surveying II	Lectures	...	2	36
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 ¹	
TD13	Building Construction and Drawing III	Lectures	...	1	} 51
		Practical	...	5	
TD33	Building Administration II	Lectures	...	2	} 48
		Practical	...	3	
TD23	Quantity Surveying III	Lectures	...	3	} 45
		<i>or</i>			
TU94	Supervision—Human Relations	Lectures	...	1 $\frac{1}{2}$	36
TD43	Building Administration III	Lectures	...	1 $\frac{1}{2}$	36
TD93	Design of Structures	Lectures	...	1	} 45
		Practical	...	3	
TD73	Estimating and Costing	Lectures	...	2	36
TA83	Bookkeeping and Accounts	Lectures	...	2	36
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	...	0	
A General Studies Elective (see Schedule 13)		Tutorials	...	2	36

		SECOND YEAR				
Subject No. in Syllabus	Subject			Hours a week	Fee \$	
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

		FIRST YEAR				
		(To be offered for the last time in 1968)				
TM81	General Mathematics	Lectures	..	3	} 48	
		Tutorials	..	2		
TP81	General Physics	Lectures	..	3	} 57	
		Tutorial	..	1		
		Practical	..	3		
TI21	Chemistry IA	Lectures	..	2	} 48	
		Practical	..	3		
TK01	Engineering Mechanics I	Lectures	..	2	} 45	
		Tutorial	..	1		
TV91	Civil Drawing I	Practical	..	4	45	
TJ91	Workshop Practice IB	Lectures	..	1	} 36	
		Practical	..	3 ¹		
		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		
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 ¹		
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		} 60
TV43	Civil Engineering B	Lectures .. 4 Practical .. 3	} 57
TD83	Methods of Construction and Management	Lectures .. 1		27
TE83	Electrical Engineering IIA(T)	Lectures .. 2 Practical .. 2	} 45
TC82	Survey Camp Vacational Report (Second)			20

(b) New Course

FIRST YEAR

TM01	Mathematics IA	Lectures .. 3 Tutorials .. 2	} 48
TP01	Applied Physics I	Lectures .. 3 Tutorial .. 1 Practical .. 2		} 51
TH81	Engineering Chemistry and Materials	Lectures .. 2 Practical .. 3	} 48
TK61	Engineering Mechanics IA	Lectures .. 2 Tutorial .. 1 Practical .. 1 ¹		} 45
TC81	Civil Drawing	Practical .. 3	45
TK71	Basic Engineering Techniques (Part Course)	Lectures .. 1 Practical .. 3 ¹	} 36
	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		} 57
TC22	Civil Engineering IIB(T)	Lectures .. 3 Tutorial .. 1 Practical .. 3 ²	} 51
TC01	Surveying I	Lectures .. 2 Tutorial .. 1 Practical .. 3 ²		} 51
TE72	Electrical Engineering SC(T)	Lectures .. 1 Practical .. 2 ²	} 45
	A General Studies Elective (see Schedule 13) Vacational Report (First)	Tutorials .. 2		36

THIRD YEAR

TC13	Civil Engineering IIIA(T)	Lectures .. 3 Tutorials .. 3 ¹ Practical .. 2	} 51
TC23	Civil Engineering IIIB(T)	Lectures .. 4 Tutorials .. 3		} 57
TC33	Civil Engineering IIIC(T)	Lectures .. 3 Practical .. 3 ²	} 48
TC93	Structural Design	Practical .. 4		45
TC53	Engineering Computations	Lectures .. 1 Practical .. 2	} 45
	A General Studies Elective (see Schedule 13)	Tutorials .. 2		36
TC82	Survey Camp Vacational Report (Second)		20

7. SURVEYING

(a) *Old Course*

FIRST YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures .. 3	48
		Tutorials .. 2	
TP81	General Physics	Lectures .. 3	57
		Tutorial .. 1	
		Practical .. 3	
TI21	Chemistry IA	Lectures .. 2	48
		Practical .. 3	
TV21	Surveying I(T)	Lectures .. 2	51
		Tutorial .. 1	
		Practical .. 3	
TJ11	Engineering Drawing	Practical .. 3	45

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 Vacational Report (First)		20

THIRD YEAR

(To be offered for the last time in 1972)

TV83	Soils Investigations	Lectures .. 1 ² , 2 ¹	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	Law in Relation to Planning	Lectures .. 1	27
TV63	Land Valuation—Principles and Practice	Lectures .. 1	36
TC73	Hydraulics (T)	Lectures .. 1	36
		Practical .. 3 ¹	
	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	
TC71	Geology	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	} 48
		Tutorials	...	2	
TC02	Surveying IIA	Lectures	...	2	} 60
		Tutorials	...	3	
		Practical	...	3	
TC72	Surveying IIB	Lectures	...	4	} 60
		Tutorials	...	3	
		Practical	...	3	
TB82	Land Use	Lectures	...	1	27
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 $\frac{1}{2}$ ²	} 34
		Practical	...	2 $\frac{1}{2}$ ¹	
TC63	Geodesy	Lectures	...	3	} 51
		Tutorials	...	3	
TC83	Photogrammetry	Lectures	...	3	} 60
		Practical	...	6	
TC43	Engineering (T)	Lectures	...	2	} 51
		Tutorial	...	1	
		Practical	...	3	
	A General Studies Elective (see Schedule 13)	Tutorials	...	2	36
	Vacational Report (Second)				

8. ELECTRICAL ENGINEERING

(a) Old Course

FIRST YEAR					
(To be offered for the last time in 1968)					
TM81	General Mathematics	Lectures	...	3	} 48
		Tutorials	...	2	
TP81	General Physics	Lectures	...	3	} 57
		Tutorial	...	1	
		Practical	...	3	
TI21	Chemistry IA	Lectures	...	2	} 48
		Practical	...	3	
TE81	General Electrical Engineering	Lectures	...	1	} 36
		Practical	...	1 ²	
TJ11	Engineering Drawing	Practical	...	3	45
TJ31	Workshop Practice I	Lectures	...	1	} 45
		Practical	...	3	
SECOND YEAR					
(To be offered for the last time in 1970)					
TM71	Mathematics I (Engineering)	Lectures	...	3	} 48
		Tutorial	...	2	
TM42	Applied Mathematics (T)	Lectures	...	3	} 45
		Tutorial	...	1	
TE22	Electrical Engineering II(T)	Lectures	...	2	} 45
		Practical	...	2	
TK32	Mechanical Engineering A(T)	Lectures	...	2	} 48
		Tutorial	...	1	
		Practical	...	2 ²	
TJ82	Strength of Materials (T)	Lectures	...	2	} 48
		Practical	...	3	
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 a week	Fee \$
TE23	Electrical Engineering III(T)	Lectures ... 2 Practical ... 2	} 45
TE73	Automatic Control	Lectures ... 1 Practical ... 3		} 45
TL53	Applied Electronics	Lectures ... 1 Practical ... 2	} 45
TJ83	Machine Design	Lectures ... 2 Practical ... 3 ²		} 45
TJ33	Workshop Practice II	Lectures ... 1 Practical ... 3	} 45
TT82	Engineering Materials	Lectures ... 2 Practical ... 2		} 45
	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		} 51
TH81	Engineering Chemistry and Materials	Lectures ... 2 Practical ... 3	} 48
TE91	General Electrical Engineering A	Lectures ... 1 Tutorial ... 1		} 36
TK81	Basic Engineering Techniques	Lectures ... 1 Practical ... 3	} 45
	A General Studies Elective (see Schedule 13)	Tutorials ... 2		36

SECOND YEAR

TM12	Mathematics IIB	Lectures ... 2 Tutorials ... 2 ²	} 45
TE02	Electrical Engineering IA	Lectures ... 2 Tutorial ... 1 Practical ... 2		} 48
TE12	Electrical Engineering IB	Lectures ... 2 Practical ... 2	} 45
TK92	Mechanical Design S	Lectures ... 1 Tutorial ... 1 Practical ... 3		} 48
TK82	Thermo-Fluid Dynamics I	Lectures ... 2 Tutorial ... 1 Practical ... 2 ²	} 48
	A General Studies Elective (see Schedule 13)	Tutorials ... 2		36
	Vacational Report (First)		

THIRD YEAR

TE03	Electrical Engineering IIA	Lectures ... 3 Practical ... 2	} 48
TE13	Electrical Engineering IIB	Lectures ... 2 Tutorial ... 1 Practical ... 2		} 48
TE93	Automatic Control I	Lectures ... 1 Practical ... 3	} 45
TM13	Mathematics IIC	Lectures ... 1 Tutorials ... 1 ²		} 36
TL53	Applied Electronics	Lectures ... 1 Practical ... 2	} 45
	<i>either</i>		
TU93	Principles of Business and Industry	Lectures ... 2	36
	<i>or</i>		
TU73	Business Organisation	Lectures ... 2	36
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36
	Vacational Report (Second)		

9. ELECTRONIC ENGINEERING

(a) Old Course

FIRST YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures 3 Tutorials 2	48
TP81	General Physics	Lectures 3 Tutorial 1 Practical 3	
TI21	Chemistry IA	Lectures 2 Practical 3	48
TE81	General Electrical Engineering	Lectures 1 Practical 1 ²	36
TJ11	Engineering Drawing	Practical 3	45
TJ31	Workshop Practice I	Lectures 1 Practical 3	45

SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	Lectures 3 Tutorials 2	48
TE22	Electrical Engineering II(T)	Lectures 2 Practical 2	45
TL32	Communication Engineering I	Lectures 3 Tutorial 1 Practical 2	51
TL82	Applied Electronics (Short Course)	Lectures 1 ² Practical 2 ²	30
TP72	Electron Physics	Lectures 1 Tutorial 1 Practical 1	45
TT82	Engineering Materials	Lectures 2 Practical 2	45
	Vacational Report (First)		

THIRD YEAR

(To be offered for the last time in 1972)

TE23	Electrical Engineering III(T)	Lectures 2 Practical 2	45
TL33	Communication Engineering II	Lectures 2 Tutorial 1 Practical 3	51
TE73	Automatic Control	Lectures 1 Practical 3	45
TL63	Electronic Engineering Design	Lectures 1 Practical 2	45
TL73	Electronic Measurements	Lectures 1 Practical 2	45
TL93	Pulse Techniques	Lectures 2 Tutorial 1 Practical 2	48
	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	51
TH81	Engineering Chemistry and Materials	Lectures 2 Practical 3	48
TE91	General Electrical Engineering A	Lectures 1 Tutorial 1	36
TK81	Basic Engineering Techniques	Lectures 1 Practical 3	45
	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	}	48
		Tutorials	2		
TP92	Physics IIE	Lectures	2 ¹ , 1 ^a	}	51
		Tutorial	1		
		Practical	3		
TE32	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					
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
		Practical	3		
TU93	<i>either</i> Principles of Business and Industry	Lectures	2		36
	<i>or</i>				
TU73	Business Organisation	Lectures	2		36
	A General Studies Elective (see Schedule 13)	Tutorials	2		36
	Vacational Report (Second)				

10. MECHANICAL ENGINEERING

(a) Old Course (Course A)

FIRST YEAR					
(To be offered for the last time in 1968)					
TM81	General Mathematics	Lectures	3	}	48
		Tutorials	2		
TP81	General Physics	Lectures	3	}	57
		Tutorial	1		
		Practical	3		
TI21	Chemistry IA	Lectures	2	}	48
		Practical	3		
TK01	Engineering Mechanics I	Lectures	2	}	45
		Tutorial	1		
TJ11	Engineering Drawing	Practical	3		45
TJ31	Workshop Practice I	Lectures	1	}	45
		Practical	3		
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 ^a		
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	Hours a week	Fee \$
TE83	Electrical Engineering IIA(T)	Lectures ... 2 Practical ... 2	} 45
	<i>either</i>		
TL53	Applied Electronics	Lectures ... 1 Practical ... 2	} 45
	<i>or</i>		
TI84	Process Control (T)	Lectures ... 1 Practical ... 3	} 45
TJ03	Mechanical Engineering III(T)	Lectures ... 2 Practical ... 3	
TJ93	Machine Design Project	Lectures ... 2 Practical ... 3	} 48
TJ33	Workshop Practice II	Lectures ... 1 Practical ... 3	
TT74	Metal Fabrication	Lectures ... 1	} 36
TI94	Foundry Practice	Lectures ... 1 Practical ... 3	
	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
TK01	Engineering Mechanics I	Lectures ... 2 ² , 1 ¹ Tutorial ... 1 Practical ... 1 ¹	
TK91	Engineering Drawing	Practical ... 3	} 45
TK11	Engineering Manufacturing Practice I	Lectures ... 1 Practical ... 3	
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	36

SECOND YEAR

TM12	Mathematics IIB	Lectures ... 2 Tutorials ... 1 ²	} 45
TK82	Thermo-Fluid Dynamics I	Lectures ... 2 Tutorial ... 1 Practical ... 2 ²	
TK02	Engineering Mechanics II	Lectures ... 4 Practical ... 3	} 57
TK22	Mechanical Design I	Lectures ... 1 Tutorial ... 3	
TK12	Production Technology I(T)	Lectures ... 2 Practical ... 3	} 48
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	
	Vacational Report (First)		

THIRD YEAR

TM13	Mathematics IIC	Lectures ... 1 Tutorials ... 1 ²	} 36
TK33	Thermo-Fluid Dynamics II	Lectures ... 2 Tutorial ... 1	
TK03	Engineering Mechanics III	Lectures ... 1 Tutorial ... 1	} 36
TK23	Mechanical Design II	Lectures ... 1 Tutorial ... 1	
TK13	Production Technology II(T)	Lectures ... 2 Practical ... 3	} 48
TK93	Mechanical Engineering Projects	Practical ... 6	
TK83	Electrical and Civil Engineering (S)	Lectures ... 3 Practical ... 2	} 48
	A General Studies Elective (see Schedule 13)	Tutorials ... 2	
	Vacational Report (Second)		

(c) Old Course (Course B)

FIRST YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures ... 3 Tutorials ... 2	} 48
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 57
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	} 48
TJ21	Refrigeration Engineering I	Lectures ... 2		} 36
TJ11	Engineering Drawing	Practical ... 3	} 45
TJ31	Workshop Practice I	Lectures ... 1 Practical ... 3		} 45

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		} 45
TI92	Chemistry I(T)—Organic	Lectures ... 1 Practical ... 3 ²	} 45
TJ22	Refrigeration Engineering II	Lectures ... 2 Practical ... 2		} 45
TJ12	Engineering Drawing and Design II	Lectures ... 1 Practical ... 3	} 45
TJ82	Strength of Materials (T)	Lectures ... 2 Practical ... 3		} 48
	Vacational Report (First)		

THIRD YEAR

(To be offered for the last time in 1972)

TJ23	Refrigeration Engineering III	Lectures ... 2 Practical ... 3 ²	} 48
TE83	Electrical Engineering IIA(T)	Lectures ... 2 Practical ... 2		} 45
	<i>either</i>		
TL53	Applied Electronics	Lectures ... 1 Practical ... 2	} 45
	<i>or</i>		
TA73	Principles of Business and Industry A	Lectures ... 2	} 36
	<i>or</i>		
TI84	Process Control (T)	Lectures ... 1 Practical ... 3	} 45
TJ03	Mechanical Engineering III(T)	Lectures ... 2 Practical ... 3		} 48
TI82	Engineering Materials	Lectures ... 2 Practical ... 2	} 45
TJ33	Workshop Practice II	Lectures ... 1 Practical ... 3		} 45
	Vacational Report (Second)		

11. APPLIED PHYSICS

Old Course

FIRST YEAR

(To be offered for the last time in 1968)

TM81	General Mathematics	Lectures ... 3 Tutorials ... 2	} 48
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 57
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	} 48
TJ11	Engineering Drawing	Practical ... 3		} 45
TJ31	Workshop Practice I	Lectures ... 1 Practical ... 3	} 45

SECOND YEAR

(To be offered for the last time in 1968)

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 1970)

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	General Science
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., Melbourne, 1953).

- Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O., Division of Building Research, Melbourne, 1955).
- Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, Baltimore, 1958).
- Royal Society of London, *General notes on the preparation of scientific papers* (Royal Society, London, 1950).
- Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt, Brace, New York, 1955).

Other Theses

- Cambridge authors' and printers' guides, No. 2, *Preparation of manuscripts and correction of proofs* (C.U.P., 1951).
- Cole, A. H., and Bigelow, K. W., *Manual of thesis writing*, 2nd edition (Wiley, 1934).
- Hook, L., and Gaver, M. V., *Research paper*, 2nd edition (Prentice-Hall, 1953).
- Wills, R. McK., *Scholarly reporting in the humanities* (Humanities Research Council of Canada, 1951).
- McKerrow, R. B., and Silver, H. M., *On the publication of research* (Modern Language Association of America, 1950).
- Oxford University. English Language and Literature, Faculty of, *Notes on the presentation of theses on literary subjects* (Hart-Davis, 1952).
- Newsom, N. W., and Walk, G. E., *Form and standards for thesis writing* (International Textbook Co., 1944).
- Turabian, K. L., *Manual of writers of term papers, theses and dissertations*, revised edition (Chicago U.P., 1955).

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.

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.

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

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.

Awaiting allowance at time of printing.

* 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 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-examina- tion - - - -	\$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) give notice of his intended candidature at least six calendar months before the beginning of the term in which the candidate wishes to enrol;
 - (d) 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.

‡ 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.

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 1128.

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.

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

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

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.

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

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.
- †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.

(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 1128.

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 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 required	- - - - -	\$30
D. On admission to the degree	- - - - -	\$30

OF THE DEGREE OF MASTER OF LAWS

REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

†1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

*2. A candidate for the degree of Master of Laws who has not qualified for the Honours degree of Bachelor of Laws must pass an examination approved by the Faculty of Law unless he presents evidence which satisfies the Faculty that he may be exempted from such examination.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

**5. 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.‡

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

††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 7th December, 1939.

* Allowed 22nd December, 1966.

†† Allowed 18th October, 1956.

** Allowed 16th March, 1961.

Allowed 10th December, 1930.

‡ These directions are published on page 613.

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.

* 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: as prescribed in the Schedules for the degree of Bachelor of Music.	-	-	-	-	-
B. On acceptance as a candidate in Part B	-	-	-	-	\$10
C. Annual Registration Fee:					
For full-time work in the University	-	-	-	-	\$150
For part-time work in the University	-	-	-	-	\$90
D. On entry for examination in Part B	-	-	-	-	\$30
E. 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.

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

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.

§ Awaiting allowance at time of printing.

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.

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	-	-	-	\$60
D. On entry for the oral examination (if required)	-	-	-	\$30
E. For admission to the degree	-	-	-	\$30

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.

Awaiting allowance at time of printing.

* These directions are published on page 613.

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.

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.

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

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., Melbourne, 1953).
- Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O. Division of Building Research, Melbourne, 1955).
- Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, Baltimore, 1958).
- Royal Society of London, *General notes on the preparation of scientific papers* (Royal Society, London, 1950).
- Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt, Brace, New York, 1955).

OTHER THESES

- Cambridge authors' and printers' guides No. 2, *Preparation of manuscripts and correction of proofs* (C.U.P., 1951).
- Cole, A. H., and Bigelow, K. W., *Manual of thesis writing*, 2nd edition (Wiley, 1934).
- Hook, L., and Gaver, M. V., *Research paper* 2nd edition (Prentice Hall, 1953).
- Wiles, R. McK., *Scholarly reporting in the humanities* (Humanities Research Council of Canada, 1951).
- McKerrow, R. B., and Silver, H. M., *On the publication of research* (Modern Language Association of America, 1950).
- Oxford University. English Language and Literature, Faculty of, *Notes on the presentation of theses on literary subjects* (Hart-Davis, 1952).
- Newsom, N. W., and Walk, G. E., *Form and standards for thesis writing* (International Textbook Co., 1944).
- Turabian, K. L., *Manual for writers of term papers, theses and dissertations*, revised edition (Chicago U.P., 1955).

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 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.

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.

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 Regulation 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 so 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.

Awaiting allowance at time of printing.

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

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 LAWS
REGULATIONS**

1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws or to a degree considered by the Council as equivalent thereto.

2. A candidate for the degree shall: (a) hold or have qualified for the honours degree of Bachelor of Laws; or (b) hold or have qualified for the degree of Master of Laws; or (c) have passed an examination approved by the Faculty of Law: provided that the Faculty of Law may accept in lieu of the foregoing an equivalent qualification obtained in any other University recognised by the University of Adelaide.

3. To qualify for the degree a candidate shall present a thesis on a subject of law proposed by him and approved by the Faculty of Law which (a) contains a substantial contribution to some branch of legal knowledge; (b) exhibits powers of original research and scholarship; and (c) whether or not previously published in full or in part shall in the opinion of the examiners merit publication as a book or monograph (other than as a collection of separate articles). Conjoint work, or a thesis previously accepted for a degree in this or in any other University, will not be accepted alone for the degree.

4. Every candidate may also present in support of his candidature other published books, monographs, or articles. If any of these publications record work carried out conjointly, the candidate shall state the extent to which he was responsible for the initiation and preparation of such publications.

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 2 B 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. The Faculty of Law shall nominate examiners. Normally there will be three examiners, two of them external to the University; but exceptions may be made in special cases recommended by the Faculty and approved by the Council.

7. The examiners may, if they think fit, examine the candidate either orally or by written questions on the subject matter of his thesis.

8. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Law, be admitted to the degree of Doctor of Laws.

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.

Allowed 4th October, 1962.

Schedule of Fees prescribed by the Council under Regulation 9

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.

Awaiting allowance at time of printing.

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	-	-	-	\$60
D. On entry for the oral examination (if required)	-	-	-	\$30
E. On admission to the degree	-	-	-	\$30

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.

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

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.

Allowed 10th July, 1947.

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.

§ Awaiting allowance at time of printing.

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 1128.

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.

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 |
-

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.

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 comprising either Course A or Course B in Computing Science.

2. A candidate shall also satisfactorily undertake and complete a course of practical work.

SCHEDULE II: FEES.

- | | |
|---|-------|
| 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 |
| F. For the diploma - - - - - | \$20 |
-

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.

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 1128.

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.

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 the diploma - - - - -	\$20

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.

** Awaiting allowance at time of printing.

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 1128.

I. 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
-

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.

Subject No. in Syllabus	Subject	Hours a week	Fee \$
FIRST YEAR (No longer available)			
	Inorganic Chemistry	Lectures ... 2 ¹ , 1 ²	
		(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 ²	
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	
FF14	Forensic Pharmacy	Lectures ... 1 ²	18
FF24	Pharmacy Organisation ...	Lectures ... 1 ²	18
FF34	Pure Pharmacology	Lectures ... 2 ¹	}
		Practical ... 1 ¹	
FF44	Bacteriology	(U) Lectures ... 1 ¹ ₂	}
		(U) Practical ... 2 ¹ ₂	
FF54	Nutrition ..	Lectures ... 1 ²	18
FF64	Organic Medicinals	Lectures ... 1	27

Fee for a special or supplementary examination (practical or theoretical or both) in any subject - - - \$20
 Fee for admission to the diploma - - - - - \$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.

* Allowed 11th November, 1954; amended 16th March, 1961.

† Allowed 16th March, 1961.

Allowed 16th December, 1948.

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.

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 1128.

- 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 1128.

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

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.

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.

** Awaiting allowance at time of printing.

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 1128.

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 B;
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 X 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 pages 1103-7.

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 and the General Service Fee, which are payable by all undergraduates and candidates for 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 II	-	-	-	-	-	-	-	\$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.

FEES PAYABLE BY ALL STUDENTS TAKING A COURSE FOR A
BACHELOR'S DEGREE OR FOR A DIPLOMA.

(Unless exempted by the Council.)

The following fees are payable in one amount with the first term's tuition fees:

Matriculation and Status Fee	- - -	\$10
Statutory Annual Fee (full-time students)	-	\$45

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.

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.

INCIDENTAL 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	- - - - -	\$20

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

C. For attendance at the course of lectures in Taxation Law - - - - - \$51

IX. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Honours degree - - - - - \$300

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 Geology IIIB, Honours Mathematics III, Physical and Inorganic Chemistry IIIA, Zoology IIIC, each - - - - -	\$300
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

Notes: 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.

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

XXV. 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

XXVI. 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 - - - - -	\$60
D. On entry for the oral examination (if required) - -	\$30

XXVII. 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

XXVIII. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis - - - - -	\$75
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XXIX. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis - - - - - \$75

XXX. DEGREE OF DOCTOR OF LETTERS

On presentation of the thesis - - - - - \$75

XXXI. 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 - - - - - \$60

D. On entry for the oral examination (if required) - - - - - \$30

XXXII. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise - - - - - \$37.50

On entering for the Final Examination - - - - - \$37.50

XXXIII. 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

XXXIV. DEGREE OF DOCTOR OF SCIENCE

On presentation of the thesis - - - - - \$75

XXXV. 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

XXXVI. 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

XXXVII. 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

XXXVIII. 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

XXXIX. 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

XL. 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

XLI. 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.

XLII. 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

XLIII. 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.
- Technical officers, laboratory managers and senior technical assistants.
- 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 and members of the staff of the Registrar's Department whose status is that of an administrative assistant or higher, and administrative officers of equivalent status in other sections or departments of the University.

Heads and Deputy Heads of affiliated colleges.

Technical officers, laboratory managers and senior technical assistants.

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 15) 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 10 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 25 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 25 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 25 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) 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 10 cents a day.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.)

16. 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.

17. 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.

18. The Council may vary any of the foregoing rules at any time either in specific cases or generally.

V. RULES FOR THE MUSIC LIBRARY

19. 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.

20. 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

21. 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.

22. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council October, 1965.

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 \$4 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.

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.

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 1968

PART V

SYLLABUSES AND TIME-TABLES

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Architecture and Town Planning - - - - -	766
Arts <i>and</i> Education - - - - -	788
Dentistry - - - - -	849
Economics <i>and</i> Commerce - - - - -	857
Engineering - - - - -	874
Law - - - - -	902
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Music - - - - -	920
Pharmacy: Diploma - - - - -	936
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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	766
Arts	A	788
Dentistry	D	849
Economics ...	E	857
Engineering	N	874
Law	L	902
Medicine	M	912
Music	U	920
Pharmacy*	F	936
Physical Education*	Z	939
Physiotherapy*	P	945
Science	S	952
Social Studies*	O	995
Technology and Applied Science	T	997

* 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, 1968

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
Agronomy A	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). Students having done Biochemistry I will be required to do additional reading in certain aspects of Chemistry, after consultation with the Professor of Agricultural Biochemistry.

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).

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).
Jackson, M. L., *Soil chemical analysis* (Constable).
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. The number of tutorial classes will be approximately one a week for three terms.

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).

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:

- 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.)
 Zimmermann, 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).
 Darlington, C. D., *Chromosome botany and the origin of cultivated plants* (Allen and Unwin).
 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.).
 Whyte, R. O., Moir, T. R. G., and Cooper, J. P., *Grasses in agriculture* (U.N. Food and Agriculture Organization).
 Whyte, R. O., Nilsson-Leissner, G. and Trumble, H. C., *Legumes in agriculture* (U.N. Food and Agriculture Organization).
 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. Criteria of efficiency: allocation of resources. Representative farm systems in southern Australia.

ENGINEERING IN AGRICULTURE: The role of mechanisation, power and hydraulics in agriculture. Elementary surveying.

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.).
Bainer, R., Kepner, R. A., and Barger, E. L., *Principles of farm machinery* (Wiley).
Klingman, G. L., *Weed control as a science* (Wiley).
McVickar, M. H., and others, *Fertilizer technology and usage* (Soil Science Society of America).

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.

Text-book:

Rose, C. W., *Agricultural physics* (Pergamon).

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).
LeClerc, 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).
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).

A course of three lectures and seven hours practical work a week for three terms.

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: Gross structure and histology with emphasis on the anatomical specialisation of ruminants and birds.

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).

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: 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. (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.

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 1968, the syllabus is the same as that provided by the Statistics Department for Mathematical Statistics II (SM23).

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).
 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).
 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 distinction or near distinction may, subject to the approval of the Dean, enrol in Economics II.

The scope of the course is as follows:

1. Elementary theory of the level of economic activity; the impact of agriculture on national income, balance of payments and economic development.
2. Elementary theory of resource allocation; the characteristics of supply and demand in agriculture.
3. Production economics and farm management.
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 analysts* (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.).
- Black, J. D., *Introduction to economics for agriculture* (Macmillan).
- Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
- Schultz, T. W., *Production and welfare of agriculture* (Macmillan).
- 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, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
- Mallyon, C. A., *Principles and practice of farm management accounting* (Law Book Co., Sydney).
- Heady, E. O., and Jensen, H. R., *Farm management economics* (Prentice-Hall).
- 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 third and fourth years 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.

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; the theory and use of colour.

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).
 Guadet, I., *Eléments et théorie de l'architecture* (Librairie de la Construction Moderne).
 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).

- 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).

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* (Clever 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 and planning principles including programme organisation, grouping and circulation. The science of aesthetics; environment and architectural siting and density; three-dimensional models.

Text-books:

- Robertson, H., *Principles of architectural composition* (Architectural Press).
Pierce, S. R., *Planning* (Iliffe).

Reference books:

- Borissavlievitch, M., *The golden number* (Tiranti).
British Standards Institution, B.S. 1708: *Modular co-ordination*.
Ehrenkrantz, E., *Modular number pattern* (Tiranti).
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).
Sleeper, H., *Building, planning and design standards* (Wiley).
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).
Smith, G. E. Kidder-, *The new architecture of Europe* (Meridian, or Penguin).

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.

Planning and design of specialised building types; contemporary architectural form and the philosophy and history of the modern movement. The visual arts. Landscape and silviculture. Visual perception and psychological aspects of environment. Ergonomics; anthropometry; furniture and interior design.

Text-books:

- Robertson, H., *Modern architectural design* (Architectural Press).
Robertson, H., *Principles of architectural composition* (Architectural Press).

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).
Sleeper, H., *Building, planning and design standards* (Wiley).
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).
Vernon, M. D., *The psychology of perception* (Pelican).
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).
R.A.I.A., *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.).

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).

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 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 and Napper, *Structure in building* (Architectural Press).
 Siegel, C., *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).
 Hiorins, F., *Town building in history* (Harrap).

Reference books:

- Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).
 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).

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).
R.A.I.A. 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).

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.).

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).

R.A.I.A., *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., *Bürobauten* (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).
- Olgay, A., and Olgay, V., *Solar control and shading devices* (Princeton U.P.).
- Olgay, 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).

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).
- R.I.B.A., *The co-ordination of dimensions for building*, 1965.
- Cement and Concrete Association, *Housing from the factory*—Proceedings of the Conference Cement and Concrete Association, London.
- 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).

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.
- Journal of the American Institute of Planners.
- Journal of the Town Planning Institute.
- 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**:

- Purdom, 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).
 Hilberseimer, L., *The nature of cities* (Theobald).
 Hilberseimer, L., *The new regional pattern* (Theobald).
 Tout, T. F., *Mediaeval town planning* (Manchester U.P.).
 Le Corbusier, *Les plans de Paris* (Les Editions de Minuit).
 Rauda, W., *Raumprobleme im europaischen stadtebau* (Callwey).
 Great Britain. Ministry of Housing and Local Government, *The review of development plans*, Circular No. 37/60 (H.M.S.O.).

- Stein, C., *Toward new towns for America* (Reinhold).
- Abercrombie, P., *Town and country planning* (Thornton Butterworth).
- Great Britain, Laws, Statutes, etc., *Town and country planning act 1947* (Spon).
- Mekie, R. C. and Williams, H. B., *Town and country planning law* (Spon).
- Association for Planning and Regional Reconstruction, *Town and country planning text-book* (Architectural Press).
- Rivet, A. L. F., *Town and country in Roman Britain* (Hutchinson).
- International seminar on urban renewal, 1st, The Hague, 1958. *Report; Proceedings*, edited by P. T. van der Hoff and G. S. Duggan.
- Miller, J. M. (ed.), *New life for cities round the world* (Books International).
- Rapkin, C., and Grigsby, W. G., *Residential renewal in the urban core* (Pennsylvania U.P.).
- Sharp, T., *Town planning* (Pelican).
- Sulman, J., *Introduction to the study of town planning in Australia* (Government Printer, N.S.W.).
- Unwin, R., *Town planning in practice* (Fisher Unwin).
- Rasmussen, S. E., *Towns and buildings* (Liverpool U.P.).
- Hughes, T. H., and Lamborn, E. A. G., *Towns and town planning: ancient and modern* (Clarendon).
- British Road Federation, *Urban motorways*.
- Logie, G., *The urban scene* (Faber).
- Gifford, K. H., *The Victorian town planning handbook* (Law Book Co.).
- Jennings, I., *The Queen's government* (Pelican).
- Cole, G. D. H., *Practical economics* (Pelican).
- Stamp, L. D., *Applied geography* (Pelican).
- Freeman, T. W., *Geography and planning* (Hutchinson).
- Cole, G. D. H., *Britain's town and country pattern* (Faber).
- Cadbury brothers, *Our Birmingham* (Cadbury).
- Cadbury brothers, *Changing Britain* (Cadbury).
- Tubbs, R., *Living in cities* (Penguin).
- International Congresses for Modern Architecture, *The heart of the city*, ed. J. Tyrwhitt (Lund Humphries).
- Fawcett, C. B., *A residential unit for town and country planning* (London U.P.).
- Forshaw, J. H., and Abercrombie, L. P., *County of London plan 1943* (Macmillan).
- Abercrombie, L. P., *Greater London plan 1944* (H.M.S.O.).
- London County Council. *County of London development plan 1951 — statement and analysis* (L.C.C.).
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- National Building Studies Special Report No. 7, *District heating in American housing* (H.M.S.O.).
- Huxley, Julian, *TVA-adventure in planning* (Architectural Press).
- Bullock, E. H., *Planning tomorrow's Britain* (Muller).
- Tyrwhitt, J., *Planning and the countryside* (Art and Education Publications).
- Barlow, Scott and Uthwatt *Reports* (H.M.S.O.).
- The approach to land use planning* (Political and Economic Planning).
- Watkins, E. S., *How will planning affect land ownership* (Architectural Press).
- Bjorklund, E. M., *Focus on Adelaide* (Chicago U.P.).
- Great Britain. Housing and Local Government, Ministry of, *Advisory handbook on the re-development of central areas* (H.M.S.O.).

- Great Britain. Housing and Local Government, Ministry of, *The design of residential areas* (H.M.S.O.)
- Planning research — A register of research for all those concerned with town and country planning* (Town Planning Institute).
- Batson, R. G., *Roads, their alignment, layout and construction* (Longmans).
- Goldsmith, H. E., *Practical road engineering* (Technical Press).
- Collins, H. J., and Hart, C. A., *Principles of road engineering* (Arnold).
- Institution of Structural Engineers. Conference, 50th, London, 1958. *Proceedings*, pp. 69-117 (five papers on bridges).
- Parry, R., and Jenkins, W. R., *Elementary textbook on land surveying* (Estates Gazette).
- Ormsby, M. T. M., *Elementary principles of surveying* (Benn).
- Middleton, R. E., and Chadwick, O., *A treatise on surveying*, vol. II (Spon).
- East, G., *The geography behind history* (Nelson).
- Haverfield, F., *Ancient town planning* (Clarendon).
- Wycherley, R. E., *How the Greeks built cities* (Macmillan).
- Carcopino, J., *Daily life in ancient Rome* (Routledge).
- Quennell, M., and C. H. B., *Everyday life in Roman Britain* (Batsford).
- Orwin, C. S., and C. S., *Farms and fields* (O.U.P.).
- Boumphrey, G., *British roads* (Nelson).
- Sharp, T., *English panorama* (Architectural Press).
- Smailes, A. E., *The geography of towns* (Hutchinson).
- Summerson, J., *Georgian London* (Pleides Press).
- Hackett, B., *Man, society and environment* (Percival Marshall).
- Trevelyan, G. M., *English social history* (Longmans).
- Brogan, O., *Roman Gaul* (Bell).
- Sharp, T., *The anatomy of the village* (Pelican).
- Le Corbusier, *The city of tomorrow* (Architectural Press).
- Gutkind, E. A., *Revolution of environment* (Routledge and Kegan Paul).
- Gutkind, E. A., *Our world from the air* (Chatto and Windus).
- Barratt, C., *Your local authority* (Pitman).
- Hart, W. O., *Introduction to the law of local government and administration* (Butterworth).
- Jackson, W. E., *Local government in England and Wales* (Penguin)
- Maud, Sir J., *Local government in modern England* (O.U.P.).
- Fearnside, W. G., and Bulman, O. M. B., *Geology in the service of man* (Pelican).
- Great Britain Ministry of Town and Country Planning, *The control of mineral working* (H.M.S.O.).
- Platt, J. I., and Challinor, J., *Simple geological structures* (Murby).
- Stamp, L. D., and Beaver, S. H., *The British Isles: a geographic and economic survey* (Longmans Green).
- Stamp, L. D., *The earth's crust* (Harrap).
- Steers, J. A., *The sea coast* (Collins).
- Stewart, C., *A prospect of cities* (Longmans).
- Ginsberg, M., *Sociology* (Home University Library).
- Sprott, W. H. J., *Sociology* (Hutchinson's University Library).
- Mess, H. A., *Social groups in modern England* (Nelson).
- Cairncross, A. K., *Introduction to economics* (Butterworth).
- Hicks, J. R., *The social framework* (O.U.P.).
- Allen, R. G. D., *Statistics for economists* (Hutchinson's University Library).
- Connor, L. R., *Statistics in theory and practice* (Pitman).
- Bowen, I., *Population* (C.U.P.).
- Glass, R., *Social aspects of town planning* (Association for Planning and Regional Reconstruction).

- Great Britain. Distribution of the Industrial Population, Royal Commission on the, *Report* (H.M.S.O.).
- Great Britain. Distribution of the Industrial Population, Royal Commission on the, *Evidence* (H.M.S.O.).
- Great Britain. Land Utilisation in Rural Areas, Committee on, *Report* (H.M.S.O.).
- Gillie, F. B., and Hughes, P. L., *Some principles of land planning* (Liverpool U.P.).
- Collins, B. J., *Development plans explained* (H.M.S.O.).
- National Council of Social Service, *Size and social structure of a town* (Allen and Unwin).
- Tippett, L. H. C., *Statistics* (O.U.P.).
- Great Britain. New Towns Committee, *Reports* (interim, second interim and final), (H.M.S.O.).
- Great Britain. Ministry of Transport, Memo No. 575 — *Layout and construction of roads; design and layout of roads in built-up areas* (H.M.S.O.).
- Great Britain. Ministry of Education, *Community centres* (H.M.S.O.).
- Current Town Planning Acts, *Orders and regulations for the United Kingdom and Australian states*.
- Keeble, L., *Principles and practice of town and country planning*, 2nd edition (Estates Gazette, 1960).
- Cullen, G., *Townscape* (Architectural Press).
- Simonds, J. O., *Landscape architecture* (Dodge Corp.; Iliffe).
- Zucker, P., *Town and square* (Columbia U.P.).
- Richards, J., *Introduction to modern architecture* (Penguin).
- Bailey, Sir E. B., *Geological survey of Great Britain* (Thomas Murby).
- Hoskins, W. G., *The making of the English landscape* (Hodder and Stoughton).
- Stamp, L. D., *The face of Britain* (Longmans). (See *British life and thought*, No. 5.)
- Stamp, L. D., *The land of Britain: its use and misuse* (Longmans).
- Stamp, L. D., *Man and the land* (Collins).
- Cauter, T., and Downham, J. S., *The communication of ideas* (Chatto and Windus).
- Planning, No. 409, *Britain and commonwealth migration* (P.E.P.).
- Glass, D. V., *Social mobility in Britain* (Routledge)
- Great Britain. General Register Office:
- Census, 1951, *England and Wales. Report on usual residences and work-place* (H.M.S.O.).
- Census, 1951, *England and Wales. Report on greater London and five other conurbations* (H.M.S.O.).
- Studies on Medical and Population Subjects, No. 27, Newton, M. P., and Jeffrey, J. R., *Internal migration* (H.M.S.O.).
- Great Britain. Royal Commission on Population: *Report*, Cmd 7695 (H.M.S.O.).
- Morrison, H. S., *How London is governed* (James Barrie).
- Hall, M. P., *The social services of modern England* (Routledge).
- Great Britain. Home Office, *Manuals of Civil Defence*, Vol. I:
- Pamphlet No. 1, *Nuclear weapons*.
- Pamphlet No. 2, *Radioactive fall-out* (H.M.S.O.).
- National Council of Social Service, *Voluntary social services: handbook of information and directory of organisations* (N.C.S.S.).
- Alexander, W. P., *Education in England: the national system, how it works* (Newnes).
- Cotgrove, S. F., *Technical education and social change* (Allen and Unwin).
- Bracey, H. E., *English rural life* (Routledge).
- Crossley, E. L., *The United Kingdom dairy industry* (U.K. Dairy Assoc.).
- Planning, No. 407, *Agriculture and land use* (P.E.P.).

- Great Britain. Agriculture, Fisheries and Food, Ministry of, *Agricultural statistics, United Kingdom Annual reports* (H.M.S.O.).
- Great Britain. Information, Central Office of, *Farming Britain* (C.O.I.).
- Great Britain. Information, Central Office of, Reference division. *Rural industries in Britain* (Reference Paper R. 3334, C.O.I.).
- Edlin, H. L., *England's forests* (Faber).
- British Industries: oil* (Cassell).
- British Petroleum Company, *The oilfields of Britain* (The British Petroleum Co.).
- Sleeman, J. F., *British public utilities* (Pitman).
- Great Britain. Power, Ministry of, *The nuclear power programme* Cmd 1083 (H.M.S.O.).
- Great Britain. Information, Central Office of, Reference Division, *Nuclear energy in Britain*, C.O.I. Reference Pamphlet RF. P. 4192 (H.M.S.O.).
- Great Britain. Water Pollution Research Board, (*Annual*) *reports: Water pollution research* (H.M.S.O.).
- Great Britain. Central Advisory Water Committee, *Report of sub-committee on information on water resources* (H.M.S.O.).
- Great Britain. Central Advisory Water Committee, *Sub-committee on growing demand for water, first and second reports* (H.M.S.O.).
- Great Britain. Information, Central Office of, Reference Division, *Post-war industrial progress in the United Kingdom*, Reference Paper R. 3908 (C.O.I.).
- Ports of the world*, ed. D. Maxwell (Shipping World).
- Planning No. 437, *The British shipping industry* (P.E.P.).
- 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.).
- Sargent, J. R., *British transport policy* (O.U.P.).
- 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.).
- Great Britain. Transport, Ministry of, *Report of the committee of inquiry into inland waterways* (Bowes Report), Cmd 486 (H.M.S.O.).
- 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 II*, ed. Austin (O.U.P.).
 Sallust, *Catiline*, ed. W. C. Summers (C.U.P.).
Catullus, ed. Fordyce (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) 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:
A book of Latin letters, ed. Levens (Methuen).
 Lucretius, *Book V*, ed. Duff (C.U.P.).
 Horace, *Odes I*, ed. Gould and Whiteley (Macmillan).
- (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 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, *Histories I*, ed. Irvine (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 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 Wells 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).

AC89. 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).

Selections from the Attic orators, ed. Jebb (Macmillan), passages from

Lysias 1, 2, 6 and 7.

Euripides, *Medea*, ed. Bayfield (Macmillan), lines 1-356.

AC11. Greek I.

The subject is divided into two parts:

- (a) The study of three works of Greek literature:

Homer, *Odyssey IX*, in *Odyssey I-XII*, ed. Stanford (Macmillan).

Herodotus, *Book IX*, ed. Shuckburgh (C.U.P.).

Euripides, *Medea*, ed. Page (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:

Sophocles, *Philoctetes*, ed. Shuckburgh (C.U.P.).

Homer, *Odyssey XXI* and *XXIV*, in *Odyssey XIII-XXIV*, ed. Stanford (Macmillan).

Plato, *Republic I*, ed. Allan (Methuen).

- (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 Hammond, N. G. L., *History of Greece* (O.U.P.) or Bury, J. B., *History of Greece*, 3rd edition, ed. Meiggs (Macmillan). There will also be tutorials in the first term on the Greek historians.

- (c) The study of a literary genre: drama. 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:

Menander, *Dyskolos*, ed. Handley (Methuen).

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: drama. 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 C) 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 1968: The Greek and Roman historians.

Text-books which students should obtain:

- Hammond, N. G. L., *History of Greece* (Clarendon); or
Bury, J. B., *History of Greece*, 3rd edition, ed. Meiggs (Macmillan).
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).
Grundy, G. B., *Thucydides and the history of his age*, vol. I (Blackwell).
Hignett, C., *History of the Athenian constitution*, 2nd edition (O.U.P.).
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*, in *Velleius Paterculus and Res Gestae Divi Augusti*, ed. F. W. Shipley (Loeb).
 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.).

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 examinations, will always be required. Those who seek special permission should make enquiries of Mr. A. French in the Department of Classics.

The subject deals mainly with the Indo-European language group, but includes lectures on phonetics, general linguistic history, and elementary Greek. It is designed also to serve as a general introduction to linguistic study.

Text-books:

- (a) Elementary Greek:
 Smith, F. Kinchin, and Melluish, T. W., *Teach yourself Greek* (E.U.P.).
 (b) Phonetics:
 Ward, I. C., *The phonetics of English* (Heffer).
 (c) Comparative Philology:
 Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).

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: Rinehardt 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.

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).

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 18-23 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 four topics: Education in pre-Classical and Classical Antiquity up to A.D. 800; English Elementary Education, 1780-1902; Australian Elementary Education, 1788-1900; English Secondary Education, 1836-1959. Each topic will be studied in some detail, but also in its bearing on the others; and all will be studied in the context of the general history of human culture.

The following books should be read:

- Dobzhansky, T., *The biological basis of human freedom* (Columbia U.P.).
 Clark, G., *World prehistory: an outline* (C.U.P.).
 Alsop, J. W., *From the silent earth: a report on the Greek Bronze age* (Secker and Warburg).
 Marrou, H. I., *A history of education in antiquity* (Sheed and Ward).
 Dawson, C., *The making of Europe, 400-1000 A.D.* (Meridian Books).
 Sturt, M., *The education of the people* (Routledge).
 Austin, A. G., *Australian education, 1788-1900* (Pitman).
 Knight, R., *Illiberal liberal: Robert Lowe in New South Wales, 1842-1850* (M.U.P.).
 Banks, O., *Parity and prestige in English secondary education* (Routledge).

The following books should be consulted:

- Monroe, P., *Source Book of the history of education for the Greek and Roman period* (Macmillan).
 Douglas, D. C. (ed.), *English historical documents* (Eyre and Spottiswoode): Volume XI (1783-1832), pp. 616-619; 694-722. Volume XII (1) (1832-1874), pp. 829-915.
 Maclure, J. S., *Educational documents, England and Wales, 1816-1963* (Chapman and Hall).
 Sadler, M. E., and Edwards, J. W., *Summary of Statistics, regulations, etc., of elementary education in England and Wales 1833-1870* (Great Britain, Board of Education, Special Reports).
 Sadler, M. E., and Edwards, J. W., *Public elementary education in England and Wales, 1870-1895* (Great Britain, Board of Education, Special Reports).
 Cruickshank, M., *Church and State in English education* (Macmillan).
 Austin, A. G., *Select documents in Australian education, 1788-1900* (Pitman).

AD24. Sociology of Education I.

Students should read those parts of the following books which will be indicated:

- Halsey, A. H., Floud, J., and Anderson, C. A., *Education, economy and society* (Free Press).
 New South Wales: Education, Department of, Report of the Committee appointed to Survey Secondary Education in New South Wales, *Report (Wyndham Report)*.
 Riesman, D., *The lonely crowd* (Yale).
 Mackenzie, N. I., *Women in Australia* (Cheshire).
 Hoggart, R., *The uses of literacy* (Pelican).
 Great Britain: Education, Ministry of, Central Advisory Council for Education, *Half our future* (Newsom Report).
 Riesman, F., *The culturally deprived child* (Harper and Row).
 Great Britain: Higher education, Committee on, *Higher education, report 1963*.
 Klein, J., *Samples from English cultures*, vol. 2 (Routledge).
 Australian Universities Commission, *Report of the Committee on the future of tertiary education in Australia to the Australian Universities*, vol. 1 only.

- Davies, A. F., and Encel, S., *Australian society: a sociological introduction* (Cheshire).
 Gerth, H., and Mills, C. W., *From Max Weber* (Routledge).
 Radford, W. C., *School leavers in Australia, 1959-1960* (A.C.E.R.).
 Campbell, W. J., *Television and the Australian adolescent* (Angus and Robertson).

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, *Essays*.
 Bruner, J. S., *The process of education*.
 Locke, J., *Some thoughts on 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 boke 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., *Die menschenziehung*.
Cavenagh, F. A., *James and John Stuart Mill on education*.
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).
Lawrence, D. H., *Education of the people*.
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 two topics: This 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 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.).
 Ehrenburg, V., *Society and civilization in Greece and Rome* (Harvard 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*.
 Waddell, H., *The wandering scholars* (Constable).
 Knowles, D., *The evolution of medieval thought* (Longmans).
 Heer, F., *The intellectual history of Europe* (Weidenfeld and Nicolson).
 Rashdall, H., *The universities of Europe in the middle ages*, 2nd ed., ed. Powicke and Emden, 1936, 3 vols. (Clarendon Press), for reference.
 Paetow, L. J., *The arts course at medieval universities* (The Iowa W. C. Brown Reprint Library).
 Haskins, C. H., *The renaissance of the twelfth century* (Harvard).
 Kristeller, P. O., *Renaissance thought, the classical humanist and scholastic strains* (Harper).
 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., 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).
 Popper, K. R., *The poverty of historicism*.
 Medawar, P. B., *The future of man* (Methuen).
 Teilhard de Chardin, P., *The phenomenon of man* (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).
 Australian Universities Commission, *Report of the committee on the future of tertiary education in Australia to the Australian Universities Commission* (1964).
 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).
- Furneau, 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 (1960).

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. *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*.
 Havinghurst, 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 of 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.
- Gal, R., *La réforme de l'enseignement*.
- 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: 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 generale des techniques*.
 Singer, C., 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*, *Ostris*, *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.

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 the main types of English literature at various periods, with a detailed knowledge of the following books:

A. Poetry:

- The Penguin book of English verse*, ed. J. Hayward (Penguin).
 Chaucer, *The Franklin's tale*, ed. P. Hodgson (Athlone Press), or *The Franklin's prologue and tale*, ed. Spearing (C.U.P.).
 Blake W., *Complete writings* (Oxford).
 Eliot, T. S., *Selected poems* (Faber or Penguin).

B. Drama:

- Shakespeare, *Antony and Cleopatra* (Signet Classics).
 Webster, J., *The white devil* (New Mermaid).
 Jonson, B., *The alchemist*, ed. F. H. Mares (The Revels Plays).
 Shaw, G. B., *Major Barbara*, ed. A. C. Ward (Longmans).
 Synge, J. M., *The playboy of the western world*, ed. T. R. Henn (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. Prose (fiction and non-fiction):

- Defoe, D., *A journal of the plague year*, ed. A. Burgess (Penguin).
 Swift, J., *A modest proposal*, in *Swift on his age*, ed. C. J. Horne (Harrap).
 Eliot, G., *The mill on the Floss*, ed. Haight (Riverside edition, Houghton Mifflin).
 Lawson, H., *Henry Lawson's best stories*, ed. C. Mann (Angus and Robertson).
 James, H., *The Europeans* (Penguin).
 Conrad, J., *Heart of darkness* (Signet Classics).
 Forster, E. M., *A passage to India* (Penguin).

For reference:

- Stevens, M., and Kegel, C. H., *A glossary of college English* (McGraw-Hill).

AE02. English II.

Pre-requisite subject: English I.

The main course is English literature from 1550 to 1780. In addition, two special topics must be chosen for more intensive study, one falling within the period (Group A) and one outside it (Group B). In each year several options will be available for special study.

Students should consult their tutors in advance about choice of options.

I. English literature from 1550 to 1780.

The following books are to be studied in detail:

- Spenser, *The Faerie Queene*, Book II (O.U.P. or Odyssey Press).
English Renaissance poetry, ed. J. Williams (Anchor Books).
 Marlowe, *The Jew of Malta*, ed. F. Van Fossen (Regents Renaissance Drama). (Nebraska U.P.).
 Shakespeare, *The winter's tale*.
 Webster, *The Duchess of Malfi* (Revels or New Mermaid).
The metaphysical poets, ed. H. Gardner (Penguin).
 Pinto, V. de Sola, *English biography in the seventeenth century* (Harrap).
 Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).
 Wycherley, *The country wife*, in *Restoration plays from Dryden to Farquhar*, ed. E. Gosse (Everyman).
 Dryden, *Poems* (Oxford Standard Authors).
 Swift, *Gulliver's travels*.
 Johnson, *Prose and poetry*, selected by M. Wilson (Reynard Library).

Sterne, *Tristram Shandy*, (Riverside or Penguin).
 Smollett, *Humphry Clinker*.
Shorter Novels, Vol. 3: *The eighteenth century* (Everyman).
 Goldsmith, *She stoops to conquer*, in *Eighteenth century comedy*, ed. W. D. Taylor (World's Classics).

Recommended:

The Oxford books of sixteenth, seventeenth and eighteenth century verse.

II. Special studies.

One to be chosen from each of groups A and B.

A (1) The Restoration Period.

With special reference to:

Bunyan, *Grace abounding*.
 Dryden, *An essay of dramatic poesy*.
 Etherege, *The man of mode*.
 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* (Four Square).

B (1) Chaucer.

A study of Chaucer's art and themes, with special attention to the following:

Troilus and Criseyde.

Prescribed:

Chaucer, G., *Complete works*, ed. F. N. Robnson, 2nd edition.

(2) Modern Drama.

A study of twentieth century drama, with special attention to:

Shaw, *The devil's disciple*, in *Three plays for puritans* (Penguin).
 Synge, *The playboy of the western world*.
 O'Casey, *Juno and the paycock* (St. Martin's Library).
 O'Neill, *Mourning becomes Electra* (Evergreen or Cape).
 Eliot, *The cocktail party*.
 Beckett, *Waiting for Godot*.
 Pinter, *The caretaker*.
 Wesker, *Chips with everything*, in *New English dramatists No. 7* (Penguin).
 Arden, *Sergeant Musgrave's dance*.

AE03. English III.

English literature since 1780, with intensive study of a special period or topic; Shakespeare; theory and practice of literary criticism.

A. Prescribed texts:

The following books are to be studied in detail:

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), Tennyson, *Selected poetry*, ed.

Charles Tennyson (Collins), Arnold, *Poems* (Oxford Standard Authors),
 Eliot, T. S., *Collected poems, 1909-1962*, Stevens, W., *Selected poems*
 (Faber), Hope, A. D., *Collected poems, 1930-1965* (Angus and Robert-
 son), *The new poetry*, ed. A. Alvarez (Penguin).

Austen, J., *Persuasion*.

Dickens, C., *Little Dorrit*.

Mill, J. S., *Autobiography*.

Eliot, G., *Daniel Deronda*.

Hardy, T., *Jude the obscure*.

James, H., *The golden bowl*.

Conrad, J., *Under western eyes*.

Lawrence, D. H., *Selected tales*, ed. Ian Serrailier (Heinemann), *Women in love*.

Joyce, J., *Portrait of the artist as a young man*.

Scott Fitzgerald, F. K., *The great Gatsby*.

Woolf, V., *To the lighthouse*.

Huxley, A. L., *Point counter point*.

Waugh, E., *A handful of dust*.

White, P., *Riders in the chariot*.

Golding, W., *Free fall*.

B. Special topic.

The novel in the twentieth century (with particular reference to James, Conrad, Lawrence, Joyce, Scott Fitzgerald, Woolf, Huxley, Waugh, White, Golding).

C. Shakespeare.

Richard III, Richard II, Troilus and Cressida, Macbeth, Coriolanus (in suitable editions such as New Arden, New Cambridge, Signet).

D. Theory and practice of literary criticism.

Enright, D. J., and de Chickera, E. (eds.), *English critical texts* (O.U.P.).
 Keats, *Letters, selected*, F. Page (World's Classics).

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.

I. Authors and works:

(a) Poetry:

The poetry of Charles Harpur, Christopher Brennan, A. B. Paterson, Kenneth Slessor, James McAuley.

Particular editions are not specified, but where available the *Australian Poets* series will be found convenient.

(b) Fiction:

Furphy, J., *Such is life*.

Richardson, H. H., *Maurice Guest*.

Franklin, M., *My brilliant career*.

Baynton, B., *Bush studies*.

Stead, C., *Seven poor men of Sydney*.

Thirkell, A., *Trooper to the Southern Cross*.

White, P., *Voss*.

One other recent novel, to be specified.

(c) Biography and memoirs:

- Henning, R., *Letters*.
 McInnes, G., *Road to Gundagai*.
 Boyd, M., *Day of my delight*.
 Barry, J. V. W., *Life and death of John Price*.
 Vaux, J. H., *Memoirs*.

II. Literary background and special subjects:

(a) Orientations:

- Ward, R. B., *The Australian legend*.
 Trollope, A., *Australia and New Zealand*, ed. H. Dow.
 Mendelsohn, O. A., *A waltz with Matilda*.
 Newland, S., *Paving the way*.
 Stow, C. S. F., *Australian legendary tales*.
 Ramson, W. S., *Australian English: an historical study*.
 Recommended for further reading: Sinnett, F., *The fiction fields of Australia*; Turner, G. W., *The English language in Australia and New Zealand*.

(b) Special subject, 1968:

Landscape themes in Australian poetry:

Students should make use of library holdings and will find useful one of the standard anthologies. Most recent collections, which minimise the colonial period, will not be found as convenient as older ones with a good nineteenth century content. Among recent publications *Poetry in Australia, Vol. I, From the Ballads to Brennan* is adequate.

For reference: Elliott, B., *The landscape of Australian poetry*

(c) Special subject, 1968 and 1969:

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*.
 Astley, W. (Price Warung), *Convict days*.
 Hay, W. G., *Escape of the notorious Sir William Heans*.
 Stewart, D., *Fisher's ghost*.
 Recommended further reading: Mortlock, J. F., *Experiences of a convict*;
 Mudie, J., *The felony of New South Wales*.

AE87. Old and Middle English I.

A. Anglo-Saxon culture and institutions.

B. The Old English language.

Prescribed book:

Quirk and Wrenn, *An Old English grammar*, 2nd edition (Methuen).

C. Introduction to Old and Early Middle English literature.

D. Study of Old and Early Middle English texts.

Prescribed books:

- Bolton, W. F., *An Old English anthology* (Edward Arnold).
 Gordon, E. V. (ed.), *The battle of Maldon* (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. The Middle English language.

Prescribed book:

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 (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, *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* (O.U.P.); or
 Gollancz (ed.), *Sir Gawain and the green knight* (O.U.P., for the Early
 English Text Society).

AE99. English Language and Literature for the Honours Degree of B.A.
 (Scheme A or Scheme B).

Candidates adopting *Scheme A* will take the following papers (see comment below) (i)-(x), including (iii a) and omitting one of the following: (vi), (vii) or (viii). Candidates wishing to include paper (xiv) will omit a further paper from the group (vi), (vii), (viii). Candidates adopting *Scheme B* will take papers (iii b)-(xi) inclusive; but for paper (vi) or (vii) or (viii) they may substitute either paper (xii) or (xiii). Substitutions or omissions should be made only after consultation with the Head of the Department. In each case the course extends over three years and is normally entered upon in the second year at the university.

- (i) Old English.
- (ii) Middle English.
- (iii a) Modern English; (iii b) History of the English language.
- (iv) Chaucer to Dunbar.
- (v) Shakespeare and the Elizabethan drama.
- (vi) Skelton to Milton.
- (vii) Dryden to Blake.
- (viii) Wordsworth to the present day.
- (ix) Literary criticism: passages for comment.
- (x) History and principles of literary criticism.
- (xi) Essay.
- (xii) Australian literature.
- (xiii) American literature.
- (xiv) Old Icelandic.

Candidates will be required to attend classes and pass the examinations in Old and Middle English I and II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

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 preliminary examination to follow either *Scheme C* or *Scheme D*; 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. Details of the Final Honours papers are shown in syllabus nos. AE89 and AE99 above.

Candidates who have not already passed in a course for the Ordinary degree in a language other than English are required to do so as part of the preliminary examination.

Scheme C: English Language and Literature.

1. (a) Final Honours paper (xi).
 (b) Two papers, to be selected from Final Honours papers (i)-(viii). These three papers must be taken at the end of the first year's study by part-time students.
2. (a) Final Honours paper (ix).
 (b) Two papers not taken in the previous year, to be selected from Final Honours papers (i)-(viii). But paper (xii) or (xiii) may be substituted for one of the two papers to be selected from (i)-(viii). These three papers must be taken at the end of the second year's study by part-time students.

Scheme D: Australian Literature.

1. (a) Final Honours papers (viii), (xi) and (xii).
 These papers must be taken at the end of the first year's study by part-time students.
2. (a) Final Honours paper (ix).
 (b) Australian History.
 (c) Special subject in Australian, New Zealand, Canadian or other Commonwealth Literature, or in American Literature.

Students who have taken a satisfactory Honours degree or have qualified under *Scheme C* or *Scheme D* are required to write a thesis, concerning 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 pass 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* (Ginn).
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)
Petit Larousse or *Nouveau Larousse universel*, 2 vols.

2. The student should possess:

Brearley, K., and others, *Contes et scénarios* (Holt, Rinehart and Winston).

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* (Slatkine).

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).

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 Larousse du XXe siècle, 6 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:

Molière, *Les Femmes savantes*, ed. Angué (Bordas).
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: *Les fables de La Fontaine*.
Term II: *Les moralistes du XVIIe siècle*.
Term III: *Diderot penseur et romancier*.

Two essay subjects will be set each term on the question studied. The marks obtained by the student in his three best 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) La Fontaine, *Fables*, ed. Michel et Martin, 2 vols. in one (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, *Œuvres philosophiques* (Classiques Garnier); *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:

- Balzac, *Le Colonel Chabert; Gobseck*, ed. Lehmann (Harrap).
 Chateaubriand, *Mémoires d'outre-tombe* (extraits) (Bordas).
 Malraux, *La Condition humaine* (Livre de poche "Université").

(c) Orals.

(d) Literature: The nineteenth and twentieth centuries.

Questions for special study:

- Term I: *Aspects du roman français au dix-neuvième siècle*.
 Term II: *L'œuvre de Sartre*.
 Term III: *La poésie française depuis Baudelaire*.

Two essay subjects will be set each term on the question studied. The marks obtained by the student in his three best 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).

Carraccio, 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:

(i) Balzac, *Eugénie Grandet* (Classiques Garnier).

Stendhal, *Le Rouge et le noir* OR *La Chartreuse de Parme* (Classiques Garnier).

Flaubert, *Madame Bovary* (Classiques Garnier).

(ii) 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").

(iii) *French Poetry from Baudelaire to the Present*, ed. Marks (Dell, "Laurel Language Library").

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).*Maître Pierre Pathelin*, ed. Holbrook (Paris, Champion).Garnier, Robert, *Les Juïfves*, ed. Hervier (Paris, Garnier).

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.).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); orGuerlac, 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*.

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:

Finch, V. C., and others, *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill).

Fryer, D. W., *World economic development* (McGraw-Hill).

Wadham, S. M., and others, *Land utilisation in Australia*, 4th edition, (M.U.P.).

Reference books:

Alexander, J. W., *Economic geography* (Prentice-Hall).

Australia, C.S.I.R.O., *The Australian environment*, 3rd edition (Melbourne).

Bates, M., *Man in nature* (Prentice-Hall).

Coggins, R. S., and Hefford, R. K., *The practical geographer*, 2nd edition (Longmans).

Davidson, F. G., *The industrialisation of Australia* (M.U.P., 1961).

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).

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 12th February, 1968.

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).

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 three parts: (1) One elective to be chosen from (a) North-west Europe; (b) Australian development; (c) study of economic problems in the development of countries in South and South-eastern Asia. (2) Two optional subjects to be selected from the following groups: (a) Cartography, Cultural Geography or Geomorphology. (b) Agricultural Geography, Historical Geography or Social Geography. (3) A Field Camp. The Field Camps will be held in 1968 during the May and August vacations.

1. (a) 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).

(b) AUSTRALIAN DEVELOPMENT.

Text-book:

Wadhams, Wilson and Wood, *Land Utilization in Australia*, 3rd edition (Melbourne U.P.).

Reference books:

Australia. C.S.I.R.O., *The Australian Environment*, 3rd edition (1960).
Andrews, J. (ed.), *Frontiers and men* (Cheshire).
Barnard, A., (ed.), *The simple fleece: studies in the Australian wool industry*. Especially nos. 7, 13, 20, 30, 36, 40.
Dunsdorfs, E., *The Australian Wheat Growing Industry, 1788-1948*.
Kerr, A., *Australia's north-west* (University of W.A. Press).
Meinig, D. W., *On the margins of the good earth* (Murray).

(c) SOUTH AND SOUTH-EASTERN 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).
F. A. O., *The state of food and agriculture*, 1961.
Fisher, C. A., *South-east Asia* (Methuen).
Ginsberg, N. S. (ed.), *The pattern of Asia* (Prentice-Hall).
Spate, O. H. K., *India and Pakistan* (Methuen).
Turner, R. (ed.), *India's urban future*.

2. OPTIONAL SUBJECTS.

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.

Agricultural Geography.

Barnard, A., *The simple fleece* (M.U.P.).
Callaghan, A. R., and Millington, A. J., *The wheat industry in Australia* (Angus and Robertson).
Chisholm, M., *Rural settlement and land use* (Hutchinson).
Clark, C., and Haswell, M. R., *The economics of subsistence agriculture* (Macmillan).
Courtenay, P. P., *Plantation agriculture* (Bell).
Davidson, B. R., *The northern myth*, 2nd ed. (M.U.P.).
Gourou, P., *The tropical world*, 4th ed. (Longmans).
Langford-Smith, T., and Rutherford, J., *Water and land* (A.N.U. Press).
Symons, L., *Agricultural geography* (Bell).
Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Cultural Geography.

Ashley, M. F. A., *The human revolution* (Ward).
Berndt, R. M., *The world of the first Australians* (Ure Smith).
Butzer, K. W., *Environment and archaeology* (Aldine).
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).

Historical Geography.

- 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.).

Social Geography.

- Berry, B. J. L., *The geography of market centres and retail distribution* (Prentice-Hall).
 Dickinson, R. E., *The population problem of southern Italy: an essay in social geography* (Syracuse U.P.).
 Murphy, R. E., *The American city: an urban geography* (McGraw-Hill).

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:

- Finch, V. C., and others, *Elements of geography*, 4th 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). This course will not be available in 1968.

. 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).

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).

Dürrenmatt, *Die Panne* (O.U.P.).

Ritchie, J. M. (ed.), *Periods in German literature* (Oswald Wolff).

Recommended texts:

Brentano, *Geschichte vom braven Kasperl* (Blackwell).

Droste-Hülshoff, *Die Judenbuche* (Harrap).

Keller, *Romeo und Julia auf dem Dorfe* (Harrap).

Mann, *Tonio Kröger* (Blackwell).

Frisch, *Biedermann und die Brandstifter* (Suhrkamp).

Dürrenmatt, *Der Verdacht* (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 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 *Deutscher Studentenverein* 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, 1810-1890.

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, *Der Schimmelreiter* (Methuen).

Keller, *Two stories* (O.U.P.).

Fontane, *Irrungen Wirrungen* (St. Martin's Modern Language Texts).

Meyer, *Der Heilige* (Blackwell).

Hauptmann, *Vor Sonnenaufgang* (O.U.P.).

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 *Deutscher Studentenverein* 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) First term:

Studies in German Lyric Poetry.

Prescribed text:

An anthology will be issued by the Department.

Recommended texts:

Gray, R. D., *An introduction to German poetry* (C.U.P.).

Prawer, S. S., *German lyric poetry* (Routledge).

- Pfeiffer, J., *Wege zur Dichtung* (Wittig).
Umgang mit Dichtung (Wittig).
 Wiese, B. von, (ed.), *Die deutsche Lyrik*, 2 vols. (Bagel).

Second and third terms:

Studies in German prose.

Prescribed texts:

- Wieland, *Der Prozess um des Esels Schatten* (O.U.P.).
 Richter, I. P. F., *Des Feldpredigers Schmelzle Reise nach Flätz* (O.U.P.).
 Raabe, *Unruhige Gäste* (O.U.P.).
 Broch, *Short Stories* (O.U.P.).
 Zuckmayer, *Die Fastnachtsbeichte* (Blackwell).
 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).
 Mason, G. R., *From Gottsched to Hebbel* (Harrap).

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.).

(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 *Deutscher Studentenverein* 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).
 Ellert, F. C., and Heller, P., *German One* (Heath and Co.).

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. I (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 *Deutscher Studentenverein* 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:
 Phelps, R. H., and Stein, J. M., *The German heritage* (Holt, Rinehart and Winston).
 Recommended text:
 Reinhardt, K. F., *Germany: 2,000 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, *Der Schimmelreiter* (Methuen).
 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 *Deutscher Studentenverein* 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.).
 Priebsch, 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* (Goldmann).
 Fontane, *Effi Briest* (Manesse).
 Mann, T., *Der Zauberberg* (any edition).
 Musil, *Die Verwirrungen des Zöglings Törless* (Rowohlt).

AG88. German IIIB.

ADVANCED GERMAN LANGUAGE AND LITERATURE II.

(a) Middle High German texts.

Prescribed texts:

- Des Minnesangs Frühling*. Texts will be issued by the Department.
Das Nibelungenlied, ed. H. de Boor (Brockhaus, Wiesbaden).
 Wolfram von Eschenbach, *Parzival*, ed. A. Leitzmann (Altdeutsche
 Textbibliothek 12-14, Niemeyer).
 Gottfried von Strassburg, *Tristan and Isolde* (Blackwell).
 Walther von der Vogelweide, *Gedichte* (Altdeutsche Textbibliothek 1,
 Niemeyer).

(b) The poetry of Gryphius, Goethe and Hölderlin.

Prescribed texts:

- Gryphius: an anthology will be issued by the Department.
 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 the Drama.

Prescribed texts:

- Grillparzer, *Ein Bruderzwist im Hause Habsburg* (Schöninghs Deutsche
 Textausgaben, T. 275).
 Nestroy, *Einen Jux will er sich machen* (Reclam).
 Büchner, *Woyzeck* (Manchester U.P.).
 Hebbel, *Herodes und Mariamne* (Blackwell).

- Hauptmann, *Die Weber* (Harrap).
 Hofmannsthal, *Der Schwierige* (C.U.P.), *Der Turm* (Fischer Schulausgabe).
 Kaiser, *Die Bürger von Calais* (Bayerische Verlagsanstalt).
 Zuckmayer, *Der Hauptmann von Köpenick* (Fischer Schulausgabe).
 Brecht, *Mutter Courage* (O.U.P.).
 Herr Puntila und sein Knecht Matti (Methuen).
 Frisch, *Andorra* (Methuen).
 Böll, *Vier Hörspiele* (Methuen).
 Dürrenmatt, *Die Physiker*.

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 at the beginning of the first term after consultation with the Professor of German. Students must also attend the following courses:

- (a) Middle High German.
See AG88 (a).
- (b) Advanced translation, prose composition and essay writing.
- (c) Studies in the Drama.
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).
- Phelps, R. H., and Stein, J. M., *The German scientific heritage* (Holt, Rinehart and Winston).
- 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, 1480-1780.

A survey of the development of Europe from the fifteenth 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 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.

Preliminary reading:

Goodwin, A., *The French revolution*.

Stearns, P. N., *European society in upheaval*.

Rudé, G., *Revolutionary Europe, 1783-1815*.

General histories:

Hobsbawm, E. J. E., *The age of revolution, 1789-1848*.

Thomson, D., *Europe since Napoleon*.

A fuller 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.

Alternate courses will again be offered in 1968. Students may take *either* MODERN ASIA or 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. D. (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, Su-yu, and Fairbank, J. K., *China's response to the West, a documentary survey*.
 Storry, R., *A history of modern Japan* (Pelican).
Oxford history of India, 3rd edition.

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.

ECONOMIC AND SOCIAL HISTORY OF MODERN BRITAIN.

No pre-requisite subject.

Available to exempted students; 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*.
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*.
Sampson, A., *Anatomy of Britain*.
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 overseas 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 IIIB.

Pre-requisite: History II (A or B) or Australian History; available to exempted students only in special circumstances.

Alternative courses will be offered. Students may take *either* a course in American History *or* a course in Medieval History.

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-Crafts).
 Eisenstadt, A. S., *American history: recent interpretations* (Crowell).
 Fine, S., and Brown, G. 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* (Pelican).
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* (Pelican).

A fuller reading list may be obtained from the office of the Department of History in February.

MEDIEVAL EUROPE.

A course of medieval studies with particular reference to the period 1050-1350. The course will consist of lectures and seminars on general topics, and tutorials in which there will be opportunities for specialised work. No previous knowledge of medieval history or of Latin is required.

Details and reading lists for this course are available from the office of the Department of History.

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.

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.

Books:

- Frankena, W., *Ethics* (Prentice-Hall).
 Taylor, R., *Metaphysics* (Prentice-Hall).
 Ewing, A. C., *The fundamental questions of philosophy* (Routledge).
 Gorovitz, S., and others, *Philosophical analysis* (Random House).
 Quine, W. V., *Methods of logic*, 2nd ed. (Holt).

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:

- Copi, I., *Symbolic logic*, 2nd edition (Macmillan).
 Flew, A., (ed.), *Body, mind and death* (Collier).
 Frankena, W., *Ethics* (Prentice-Hall).
 Feinberg, J., *Political philosophy* (Prentice-Hall).
 Gorovitz, S., and others, *Philosophical analysis* (Random House).
 Alston, W. P., *Philosophy of language* (Prentice-Hall).
 Hempel, Carl, *Philosophy of natural science* (Prentice-Hall), or
 Dray, William, *Philosophy of history* (Prentice-Hall).

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., *From a logical point of view*, 2nd edition, revised (Harper Torch books).
 Hirst, R. J., *Perception and the physical world* (Collier).
 Copi, I., *Symbolic logic*, 2nd edition (Macmillan).

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., *A short history of ethics* (Routledge).
 Stevenson, C. L., *Ethics and language* (Yale).

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., *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).
 Feigl, H., and Maxwell G., (eds.), *Scientific explanation, space and time. Studies in the philosophy of science*, Vol. III (Minnesota U.P.).
 Brandt, R. B., *Ethical theory* (Prentice-Hall).
 Sidgwick, H., *Methods of ethics* (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.

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 political system, 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 February 1, 1968, and should be collected by intending students as soon as possible thereafter.

Students should procure:

- Strachey, J., *The challenge of democracy* (Encounter Pamphlet).
 Rorke, J. (ed.), *Aspects of Australian government* (Platypus Pamphlet).
 Sawyer, G., *Australian government today* (M.U.P.).
 Miller, J. D. B., *Australian government and politics* (Duckworth).
 Davies, A. F., *Australian democracy* (Longmans).
 Crisp, L. F., *Australian national government* (Longmans).
 Mayer, H. (ed.), *Australian politics: a reader* (Cheshire).
 Jupp, J., *Australian party politics* (M.U.P.).

- A.I.P.S., *Forces in Australian politics* (Angus and Robertson).
 Burns, C., *Parties and people* (M.U.P.).
 Horne, D., *The lucky country* (Penguin).
 Duverger, M., *The idea of politics* (Methuen).
 Miller, J. D. B., *The nature of politics* (Penguin).
 Blondel, J., *Voters, parties and leaders* (Penguin).
 Lindsay, A. D., *The essentials of democracy* (O.U.P.).
 Macpherson, C. B., *The real world of democracy* (O.U.P.).
 Mill, J. S., *Utilitarianism* (Fontana).
 Marx, K., and Engels, F., *The communist manifesto* (Foreign Languages Publishing House).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Cranston, M., *Human rights today* (Ampersand).

Detailed reading references are issued during the year.

AP02. Politics II.

COMPARATIVE POLITICS.

Pre-requisite subject: Politics I.

A second-year subject—available to external students.

A study in comparative politics with the main emphasis on U.S.S.R., U.S.A., Great Britain and France.

The first term will be devoted to the methodology of comparative politics and the study of some of the social theories propounded by Madison, Hamilton, Jefferson, Marx, Lenin and Weber.

The second and third terms will be devoted to the study of the cultural and social environment within which political decisions are made, the formal institutions of government and the chief elements in the political process—parties, pressure groups and elites.

Preliminary reading:

- White, T. H., *The making of the president 1960* (Cape paperback).
 Rose, R., *Politics in England* (Faber).
 Williams, P. M., and Harrison, M., *De Gaulle's republic* (Longmans).
 Daniels, R. V., *Russia* (Spectrum paperback).

Useful books: Students are advised to buy a selection of these in accordance with their interests and with reference to the major sections of the course. Those marked with * are available in paperback.

General:

- 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).
 *Brzezinski, Z., and Huntington, S. P., *Political power: U.S.A., U.S.S.R.* (Chatto and Windus).
 Dahl, R., *Pluralist democracy in the United States* (Rand-McNally).
 *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).
 *Rossiter, C., *Parties and politics in America* (Cornell).
 *Riker, W. H., *Democracy in the United States* (Macmillan).

U.S.S.R.:

Fainsod, M., *How Russia is ruled* (O.U.P.).

*Schapiro, L. B., *Government and politics of the Soviet Union* (Hutchinson's University Library).

*Meyer, A. G., *Leninism* (Praeger).

Meyer, A. G., *The Soviet political system, an interpretation* (Random House).

Gripp, R., *Patterns of Soviet politics* (Dorsey).

United Kingdom:

Moodie, G. C., *The Government of Great Britain* (Methuen).

Beer, S., *Modern British politics* (Faber).

*Blondel, J., *Voters, parties and leaders* (Penguin).

Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).

France:

*Pickles, D., *The fifth French republic* (Methuen).

Macridis, R. C., and Brown, B., *The De Gaulle republic* (Dorsey).

Hackett, J., and Hackett, A. M., *Economic planning in France* (Allen and Unwin).

AP03. Politics IIIA.

POLITICAL AND SOCIAL THEORY.

Pre-requisite subject: Politics II (A or B).

A third-year course—not available to exempted students.

This course is divided into two sections:

(i) Political sociology: a study of class and social structure; of elites and elitism; of bureaucratic trends within political parties and trade unions; and of the relation of the State to trade unions, business corporations, the armed forces, the church, the universities and voluntary welfare organisations.

(ii) Political ideas from Locke to the present day.

Students are expected to read widely, and the titles listed below are intended merely as an indication of the fields to be covered.

Reference books:

Runciman, W. G., *Social science and political theory* (Cambridge).

Bottomore, T. B., *Elites and society* (Watts).

Marshall, T. H., *Sociology at the crossroads* (Heinemann).

Lipset, S. M., *Political man* (Heinemann).

Lipset, S. M., *The first new nation* (Heinemann).

Reissmann, L., *Class in American society* (Routledge).

Bendix, R., and Lipset, S. M., (eds.), *Class, status and power* (Routledge).

Mills, C. W., *The power elite* (O.U.P.).

Michels, R., *Political parties* (Free Press).

Lipset, S. M., *et al.*, *Union democracy* (Free Press).

Finer, S. E., *The man on horseback* (Pall Mall Press).

Horn, R. A., *Groups and the constitution* (Stanford).

Oaks, D. H., *The wall between church and state* (Chicago U.P.).

Harrison, W., *Conflict and compromise* (Free Press).

Sabine, G. H., *A history of political theory* (Holt, Rinehart, Winston).

Wolin, S. S., *Politics and vision* (Allen and Unwin).

Ebenstein, W., *Great political thinkers* (Rinehart).

Plamenatz, J., *Man and society* (Longmans).

Plamenatz, J., *German marxism and Russian communism* (Longmans).

Spitz, D., *Patterns of anti-democratic thought* (Macmillan).

McGovern, W. M., *From Luther to Hitler* (Harrap).

- Frankel, C., *The case for modern man* (Macmillan).
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and autocracy* (Harvard).
 Beer, S. H., *Modern British politics* (Faber).
 Schapiro, L., (ed.), *The U.S.S.R. and the future* (Praeger).

AP12. Politics IIB.

NOTE: The course previously listed as AP12. Politics IIB: Comparative Bureaucracy, is no longer offered. Students already enrolled for the Diploma in Public Administration should enrol for AP02. Politics II: Comparative Politics. They will be provided with separate tutorials for the more detailed discussion of bureaucracy and administration.

AP13. Politics IIIB.

INTERNATIONAL POLITICS.

Pre-requisite subject: Politics IIA or IIB or History IIA or IIB or International Law. A third-year subject—not available to exempted students—which will include:

- (i) The structure and nature of international society. An inquiry into the nature and workings of the modern multi-state system. It will include a study of the nation state, diplomacy, sovereignty, national interest, power politics, nationalism, imperialism, war, the balance of power, collective security, international law, international organization, supranationalism, and the prospects for world government.
- (ii) Current issues of international relations.

Some knowledge of nineteenth and twentieth century international history is assumed.

Reading guide: a more comprehensive guide, broken down by topics, will be available at the beginning of the course.

- Brierly, J. L., *The law of nations* (O.U.P.).
 Bull, H., *The control of the arms race* (Weidenfeld and Nicolson).
 Carr, E. H., *The twenty years crisis* (Macmillan).
 Claude, I. L., *Power and international relations* (Random House).
 Claude, I. L., *Swords into ploughshares* (Random House).
 Frankel, J., *The making of foreign policy* (O.U.P.).
 Frankel, J., *International relations* (O.U.P.).
 Larus, J., *From collective security to preventive diplomacy* (Wiley).
 Morgenthau, H. J., *Politics among nations* (Knopf).
 Schuman, F. L., *International politics* (McGraw-Hill).
 Scott, A. M., and Dawson, R. H., *Readings in the making of American foreign policy* (Macmillan).
 Waltz, K. N., *Man, the state and war* (Columbia).
 Watt, A., *The evolution of Australian foreign policy, 1938-65* (C.U.P.).

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.

PSYCHOLOGY

From 1969 onwards there will be three courses only in Psychology for the degree of Bachelor of Arts.

As 1968 will be a transition year the Department will still offer Psychology IIIA and IIIB to those students who have already embarked upon a degree, and have taken Psychology I, IIA and IIB, with the intention of proceeding to Psychology IIIA and IIIB.

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. Psychology III will be available from 1969 onwards.

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.

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

Siegel, S., *Non-parametric statistics* (McGraw-Hill).

Gourevitch, V., *Statistical methods: a problem solving approach* (Allyn and Bacon).

Reference books:

Millenson, J. R., *Principles of behavioral analysis* (Macmillan).

Deese, J. E., and Hulse, S. H., *The psychology of learning*, 3rd edition (McGraw-Hill).

King, R. A., *Readings for an introduction to psychology*, 2nd edition (McGraw-Hill).

Mednick, S. A., *Learning* (Prentice-Hall).

Tyler, L. E., *Tests and measurements* (Prentice-Hall).

Carroll, J. B., *Language and thought* (Prentice-Hall).

Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Science Editions Inc.).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).

Humphrey, G., and Argyle, M., *Social psychology through experiment* (Methuen).

Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).

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.

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

Siegel, S., *Non-parametric statistics* (McGraw-Hill).

Gourevitch, V., *Statistical methods: a problem solving approach* (Allyn and Bacon).

Reference books:

Millenson, J. R., *Principles of behavioral analysis* (Macmillan).

Deese, J. E., and Hulse, S. H., *The psychology of learning*, 3rd edition (McGraw-Hill).

King, R. A., *Readings for an introduction to psychology*, 2nd edition (McGraw-Hill).

Mednick, S. A., *Learning* (Prentice-Hall).

Tyler, L. E., *Tests and measurements* (Prentice-Hall).

Carroll, J. B., *Language and thought* (Prentice-Hall).

Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Science Editions Inc.).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).

Humphrey, G., and Argyle, M., *Social psychology through experiment* (Methuen).

Thompson, R. F., *Foundations of physiological psychology* (Harper and Row).

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.

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).

AY03. Psychology IIIA.

Pre-requisite subject: Psychology IIA or IIB.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week on statistical analysis and experimental design; (iii) Laboratory: an average of six hours a week in the first and second terms devoted to experiments and demonstrations. As part of the practical work, students will be required to complete a minor research project on a psychological problem.

This course is designed to continue the study of the basic psychological processes of learning, perception, thinking, motivation and emotion. Emphasis will be placed on the development of general behaviour theory and methods of analysing and modifying behaviour which are of relevance in the study of behaviour disorders. A section of the course will deal with physiological and comparative psychology.

Basic reading:

- Prokasy, W. F., (ed.), *Classical conditioning* (Appleton-Century).
- Honig, W., (ed.), *Operant behaviour* (Appleton-Century).
- Teitelbaum, P., *Physiological psychology* (Prentice-Hall).
- Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston, New York, 1963).
- Hebb, D. O., *The organization of behaviour* (Wiley).
- Pavlov, I. P., *Lectures on conditioned reflexes* (Dover).
- Maher, B., (ed.), *Progress in experimental personality research* (Academic Press).
- Sidowski, J. B. (ed.), *Experimental methods and instrumentation in psychology* (McGraw-Hill).
- Bolles, R. C., *Theory of motivation* (Harper and Row).

AY13. Psychology IIB.

SOCIAL PSYCHOLOGY.

Pre-requisite subject: Psychology IIA or IIB.

The course is composed of lectures, tutorials, and practical work. The lectures in Term I are concerned with a general survey of the determinants of social behaviour, in Term II with topics such as norms, communication, influence, roles and structure, and in Term III with general theoretical systems. There will be two lectures and one tutorial each week throughout the year. The tutorials will be concerned with the lecture material and with the practical work.

There are three parts to the practical work: laboratory experiments, field studies, and visits to various institutions and work situations. Practical work will occupy four hours a week in Terms I and II. There will be no practical work in Term III.

In addition to the above, there is a weekly lecture in psychological statistics, common to psychology IIIA in Terms I and II.

Preliminary reading:

McGrath, J. E., *Social psychology: a brief introduction* (Holt, Rinehart and Winston).

Text-books:

Brown, R. W., *Social psychology* (Collier-Macmillan).

Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston); or Guilford, J. P., *Fundamental statistics in psychology and education*, 4th edition (McGraw-Hill).

Goode, W. J., and Hatt, P. K., *Methods in social research* (McGraw-Hill).

Reference books:

Backman, C. W., and Secord, P. F., *Problems in social psychology* (McGraw-Hill).

Lindzey, G. (ed.), *Handbook of social psychology* (Addison-Wesley).

Proshansky, H., and Seidenberg, B. (eds.), *Basic studies in social psychology* (Holt, Rinehart and Winston).

Secord, P. F., and Backman, C. W., *Social psychology* (McGraw-Hill).

Steiner, I. D., and Fishbein, M. (eds.), *Current studies in social psychology* (Holt, Rinehart and Winston).

Stephan, F. F., and McCarthy, P. J., *Sampling opinions: an analysis of survey procedure* (Wiley).

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).

MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

UA51. Music I.

A knowledge of the rudiments of music is assumed.

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).
 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 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).
 Hardy and Fish, *Music literature: a workbook for analysts*, vol. 1 (Dodd, Mead and Co.).

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 should consult the Head of the Department of Dental Science and 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*, 5th edition (Mosby).

Reference books:

- Maximow, A. A., and Bloom, W., *A text-book of histology*, 8th 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. Practical work is given during the second term.

Reference Books:

- Conn, E. E., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).
 White, A., Handler, P., and Smith, E. M., *Principles of biochemistry*, 3rd edition (McGraw-Hill).
 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*, 2nd edition (Lange).

Reference book:

- Starling, E. H., and Evans, Sir C. L., *Principles of human physiology*, 13th 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 experiments and 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*, 4th 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* 1963.

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. Some reference is made to the pathology of systemic disease of importance in dental practice.

Text-book:

Wright, G. P., *An introduction to pathology* (Longmans).

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-book:

U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott, 1956).

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).

Cruickshank, R., *Medical microbiology*, 11th edition (Livingstone).

Humphrey, J. H., and White, R. G., *Immunology for students of medicine*, 2nd 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 (Medico-Dental).
- 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* (English Universities 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).
Great Britain, Ministry of Food, *Manual of nutrition* (H.M.S.O.).
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 the treatment of injuries and diseases of children's teeth; methods and materials used; child management.

Text-books:

Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
Finn, S. B., *Clinical pedodontics* (Saunders).

Reference books:

McDonald, R. E., *Pedodontics* (Mosby).
Cohen, M. M., *Pediatric dentistry* (Mosby).
Davies, G. N., and King, R. M., *Dentistry for the pre-school child* (Livingstone).

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 mechanical and surgical procedures.

Reference books:

Graber, T. M., *Orthodontics: principles and practice*, 2nd edition (Saunders).
Brash, J. C., *Four lectures on the aetiology of irregularity and malocclusion of the teeth* (Dental Board of the United Kingdom).
Moyers, R. E., *Handbook of orthodontics* 2nd edition (Year Book Publishers, Chicago).
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-book:

Goldman, H. M., and others, *An introduction to periodontia* (Mosby).

Reference books:

Blake, G. L., and Trott, J. R., *Periodontology* (Butterworth).
Orban, B. J., and others, *Periodontics* (Mosby).
Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).
Glickman, I., *Clinical periodontology* (Saunders).
Burket, L. W., *Oral medicine* (Lippincott).
Goldman, H. M., *Treatment, planning in the practice of dentistry* (Post-graduate series in dentistry) (Mosby).
U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).
Goldman, H. M., and others, *Periodontal therapy* (Mosby).

DS64. Clinical Dentistry I.—Part B.

MICROBIOLOGY: A course of lectures extending over two terms, on the general principles of bacteriology and immunity as applied to dental practice.

The course covers the following: morphology, physiology, cultivation and isolation of yeasts, moulds, bacteria and viruses; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative groups of yeasts, moulds, bacteria and viruses with particular reference to those involved in dental and oral infections.

ORAL PATHOLOGY: This is a continuation of Oral Pathology (DS23) at an advanced level.

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. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

Thoma, K. H., and Goldman, H. M., *Oral pathology*, 5th edition (Kimpton).

Reference books:

Stones, H. H., *Oral and dental diseases*, 4th edition (Livingstone).

Fish, E. W., *Surgical pathology of the mouth* (Pitman).

Burnett, G. W., and Scherp, H. W., *Oral microbiology and infectious diseases*, 2nd edition (Williams and Wilkins).

Lucas, R. B., *Pathology of tumours of the oral tissues* (Churchill).

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.

Reference books:

Howe, G. L., *The extraction of teeth* (Wright).

Schram, W. R., *A manual of oral surgery techniques* (Saunders).

Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).

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).

Grossman, L. I., *Endodontic practice* (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, anaesthesia, and dental pharmacology and therapeutics.

This part of the course includes classes in oral patho-histology at an advanced level, seminars, the presentation of clinical cases and discussion on them by students.

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 public dental health and dental services; public dental health education; dental jurisprudence; forensic odontology; dental ethics; history of dentistry.

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:

	1968	1969	1970
Economics I	Day and Evening	Day and Evening	Day and Evening
Economics II	Day	Evening	Day
Economics III	Evening	Day	Evening

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 1968 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 economic* (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).

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.).
 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).

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 1968 as day 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).

Galbraith, J., *The great crash 1929* (Pelican).
 Harcourt, G. C., Karmel, P. H., and Wallace, R. H., *Economic activity* (C.U.P.).

Text-books:

Hirst, R. R., and Wallace, R. H., *Studies in the Australian capital market* (Cheshire).
 Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).
 Great Britain. Treasury. Committee on the working of the monetary system. *Report.* (H.M.S.O.).
 Sayers, R. S., *Modern banking*, 6th edition (O.U.P.).
 Arndt, H. W., and Harris, C., *The Australian trading banks*, 3rd edition (Cheshire).
 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:

Rose, H. B., *The economic background to investment* (C.U.P.).
 Dean, E., *The controversy over the quantity theory of money* (Heath).
 Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Sayers, R. S., *Central banking after Bagehot* (O.U.P.).
 Reserve Bank of Australia, *Staff Paper, flow of funds, Australia 1953-54 to 1961-62* (A. S. Holmes).
 Dacey, W. Manning, *The British banking mechanism* (Hutchinson's University Library).
 Crick, W. (ed.), *Commonwealth banking systems* (O.U.P.).
 Hart, A., and Kenen, P., *Money debt and economic activity* (Prentice-Hall).
 Horvitz, P. M., *Monetary policy and the financial system* (Prentice-Hall).
 U.S.A. Federal Reserve System Board of Governors, *The federal reserve system, purposes and functions*.
 Smith, W. L., and Teigen, R. (eds.), *Readings in money, national income and stabilization policy* (Irwin).
 Mueller, M. G., *Readings in macro-economics* (Holt).
 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.).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
 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).
 Mason, E. S., *The corporation in modern society* (Harvard).
 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.).
 Due, J. F., and Clower, R. W., *Intermediate economic analysis* (Irwin).

Additional references will be prescribed by the lecturers.

EE03. Economics III.

The course will be given in 1968 as evening 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.

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*, 5th 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 Kuh, E., *The investment decision* (O.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).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 Australia. Economic Enquiry, Committee of, *Report*, vols. 1 and 2.
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
 League of Nations, *International currency experience*.
 Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).
 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.).
 MacDougall, D., *The world dollar problem* (Macmillan).
 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).

Theory of public finance; public finance in Australia; fiscal and monetary 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* (Irwin, 1959).

Johansen, L., *Public economics* (North-Holland).

Kaldor, N., *An expenditure tax* (Allen and Unwin).

Matthews, R., *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; wages and the level of economic activity; trade unions; systems of industrial relations; arbitration and wages policy.

Reference books:

Bowen, W. G., *The wage-price issue* (Princeton).

Bowen, W. G. (ed.), *Labor and the national economy* (Norton).

Carter, A. M., *Theory of wages and employment* (Irwin).

Chamberlain, N. W., *The labor sector* (McGraw-Hill).

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).

Hicks, J. R., *The theory of wages*, 2nd edition (Macmillan).

International Labour Office, *Job evaluation* (I.L.O. Studies and Reports N.S. 56).

Isaac, J. E., *Wages and productivity* (Cheshire).

Isaac, J. E., and Ford, G. W., *Australian labour economics: readings* (Sun Books).

Isaac, J. E., and Ford, G. W., *Australian labour relations: readings* (Sun Books).

Lester, R. A., *Labor: readings on major issues* (Random House).

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).

Robertson, D. J., *The economics of wages* (Macmillan).

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).

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 evening lectures in 1968.

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* (Horn 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 referencés 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 1968 as day classes. It will be concerned with the secular development of economics 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.).
 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).
 Higgins, B. H., *Economic development* (Norton).

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).
 Okun, B., and Richardson, R. W., *Studies in economic development: a book of readings* (Holt).
 Baumol, W. J., *Economic dynamics* (Macmillan).
 Lewis, W. A., *Development planning* (Allen and Unwin).
 Johnson, H. G., *U.S. economic policies towards less developed countries* (Allen and Unwin).

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 1968 as day 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 χ^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).

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).

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 1968 is 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:

Johnston, J., *Econometric methods* (McGraw-Hill).
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).
 Mood, A. M., and Graybill, F. A., *Introduction to the theory of statistics* (McGraw-Hill).

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 evening lectures in 1968. 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).

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 1968, and will be given if sufficient students enrol.

The course is concerned with the theory of public finance; public finance in Australia; fiscal and monetary 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
Money and Banking	Managerial Economics
Econometrics	Growth Theory
Business Statistics	

(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 1968 as evening 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).

Kenen, P. B., *International economics* (Prentice-Hall).

Reference books will be prescribed in lectures.

EE83. Agricultural Economics

For syllabus see under Faculty of Agricultural Science.

EE94. Economics (Engineering).

For syllabus see under Faculty of Engineering.

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.

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).
 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).
 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* (Chatto and Windus).
 Johnson, R. A., and others, *The theory and management of systems*, 2nd edition (McGraw-Hill).

EC13. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year. For the time being, except with special permission to be obtained in writing from the Dean of the Faculty, no student may take the course in Commercial Law B unless he has passed the final examination in Commercial Law A, which was given for the last time in 1966. In 1969 a new syllabus in Commercial Law will be introduced, which will be available to students who have not taken Commercial Law A.

The sale of goods, partnership and company law.

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:

Atiyah, P. S., *The sale of goods*, 3rd edition (Pitman).

Underhill, A., *Principles of the law of partnership*, 8th edition (Butterworth).

Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).

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:

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).

Katz, D., and Kahn, R. L., *The social psychology of organizations* (Wiley).

Jaques, E., *The changing culture of a factory* (Tavistock).

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* (Harvard U.P.).

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.).
- Zaleznik, A., Christensen, C. R., and Roethlisberger, F. J., *The motivation, productivity, and satisfaction of workers* (Harvard Business School).

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., *The affluent society* (Hamilton).

Galbraith, J. K., *American capitalism* (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).

Downing, R. I., and others, *Taxation in Australia—agenda for reform* (M.U.P.).

(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).

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).

(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).

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).

FOURTH YEAR

(To be offered for the last time in 1968.)

NE73. Electrical Engineering S.

Pre-requisite subjects: Physics A (Engineering), Mechanics.

Pre-requisite or concurrent subject: Applied Mathematics II.

The course consists of two lectures a week throughout the year and one three-hour laboratory session a week for two terms.

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 two terms on electrical machines, including the transformer, the direct current motor and generator, the synchronous machine, and the induction motor.
- (c) One lecture a week throughout the year devoted to electronics, including vacuum and semi-conductor devices and their characteristics, rectifier circuits, amplifier theory and circuits, and controlled rectifiers.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference books:

Angelo, E. J., *Electronic circuits* (McGraw-Hill).

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

NM94. Mechanical Engineering S (Ch): Machine Design.

Pre-requisite subjects: Mathematics II (Engineering), Mechanics, Physics A (Engineering), Materials Science or (former subject) Engineering Materials, Strength of Materials, Engineering Drawing and Design.

An introductory course in machine design, designed for Chemical Engineering students. It comprises 36 lectures and 54 hours of drawing office work.

Machine Design: A course of lectures and drawing office work on the principles of machine design applied to the design of machine components. Some special topics will include the selection of power transmission components and the design of some instrument elements.

Text-book:

Faires, V. M., *Design of machine elements* (Macmillan).

NH04. Process Engineering IIA: Unit Operations I.

Pre-requisite subject: Process Engineering I.

LECTURES: Two hours a week throughout the year dealing with the general theory of molecular and turbulent transport of properties, and applications of fluid mechanics theory to the unit operations of chemical engineering.

TUTORIALS: Two hours a week throughout the year devoted to problems designed to illustrate the practical applications of the theory covered in lectures.

PRACTICAL WORK: Three hours a 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-book:

To be announced later.

Reference books:

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).

Perry, J. H., *Chemical engineers' handbook*, 4th edition (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).

Bayley, F. J., *An introduction to fluid dynamics* (Allen and Unwin).

Eskinazi, S., *Principles of fluid mechanics* (Allyn and Bacon).

NH74. Process Engineering IIB: Chemical Reaction Engineering.

Pre-requisite subjects: Chemistry IIA and Mathematics I (Engineering).

LECTURES: Three 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) Basic statistical kinetics and reaction mechanisms.
- (iii) Process design of chemical reactors.
- (iv) Economic optimisation of chemical change.
- (v) Other general topics including refrigeration, fuels and vapour-power plant.

TUTORIALS: One hour a week throughout the year devoted to problems designed to illustrate the practical applications of the theory covered in lectures.

SEMINAR: Three hours a week in first and second terms. Students will be required to submit an essay at the end of first term and present it at a seminar in second term.

Reference books:

- Denbigh, K., *Principles of chemical equilibrium* (C.U.P.).
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, vols. I-III (Wiley).
 Glasstone, S., *Textbook of physical chemistry*, 2nd edition (Macmillan).
 Rodiguin, N. M., and Rodiguina, E. N., *Consecutive chemical reactions* (Van Nostrand).
 Levenspiel, O. L., *Chemical reaction engineering* (Wiley).
 Coull, J., and Stuart, B., *Equilibrium thermodynamics* (Wiley).
 Denbigh, K., *Chemical reactor theory* (C.U.P.).

NH84. Process Engineering IIC: Process Control.

Pre-requisite subjects: Physics A (Engineering) and Mathematics II (Engineering).

LECTURES: One lecture and one tutorial a week throughout the year divided into two sections: (1) Process Measurement and Instrumentation, dealing with the dynamics and form of measuring elements and with details involved in selection and specification. (2) Basic Control Theory and Process Dynamics.

Section (1) comprises the bulk of the course, section (2) being preparatory to a more extended introduction in Process Engineering III B.

PRACTICAL WORK: Three hours a week throughout the year devoted to a course of experiments designed to illustrate the lecture course.

Text-book:

Harriott, P., *Process control* (McGraw-Hill).

Reference Books:

- Johnson, E. F., *Automatic process control principles* (McGraw-Hill).
 Considine, D. M., *Process instruments and controls handbook* (McGraw-Hill).
 O'Higgins, P., *Basic instrumentation—industrial measurement* (McGraw-Hill).

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: Five 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: Ten hours a week for two terms. The time is divided between a series of illustrative experiments based on the lecture course and a project continuing throughout the two terms.

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: Two hours a week for the first two terms dealing with selected topics from the general fields of (a) Materials Science, (b) Automatic Control, (c) Numerical Methods, and (d) Fuel Technology.

PRACTICAL WORK: Three hours a week, the major part of the course being devoted to a project.

Reference books:

Will depend on the topics selected.

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, IIB and IIC.

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 study of a selected process, calculation of material and energy balances, preparation of flow sheets, design of selected plant items, estimation of plant cost, 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. 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). Point, line, plane, solids, developments, intersections, interpenetrations of solids.

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).
 Slaby, S. M., *Descriptive geometry* (College outline series, Barnes and Noble Inc., New York).
 S.A.A., *CZI 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 II 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 two terms on electrical machines, including the transformer, the direct current motor and generator, the synchronous machine, and the induction motor.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference books:

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

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:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference book:

Angelo, E. J., *Electronic circuits* (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 Banchemo, 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, C. 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).

CIVIL ENGINEERING COURSE (OLD)

FOURTH YEAR

(To be offered for the last time in 1968.)

Either

EE94. Economics (Engineering).

This course is offered annually for students proceeding to the degree of Bachelor of Engineering, and is available to such students only.

The course will be given in 1968 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.

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).

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.).

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).

Additional references will be prescribed by the lecturers.

Or

SM94. Mathematics III (Engineering).

For syllabus see under Faculty of Science.

NC04. Civil Engineering I (Old Course).

Pre-requisite subjects: Mathematics I, Mechanics, Strength of Materials, Engineering Drawing and Design.

This course consists of three lectures and six 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).

Cowan, H. J., and Smith, P. R., *Design of reinforced concrete* (Angus and Robertson).

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.

Structural steel in buildings, Interim 351.

Code for welding in building, C.A.8, Part I—Manual Welding.

Code for concrete in building, CA.2—1963.

Code for prestressed concrete, C.A.35—1963.

Reference books:

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

Teng, W. C., *Foundation design* (Prentice-Hall).

Wu, T. H., *Soil mechanics* (Allyn and Bacon).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley).

NC74. Hydraulics A.

Pre-requisite subjects: Applied Mathematics II, Mechanics, Graphics.

This course consists of two lectures and three hours' practical work a week throughout the year, and is designed for students intending to complete a degree of Civil Engineering.

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.

Text-books:

Rouse, H. (ed.), *Engineering hydraulics* (Wiley); or
Vennard, J. K., *Elementary fluid mechanics* (Wiley).

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).
Streeter, V. L., *Fluid mechanics* (McGraw-Hill).
Chow, V. T., *Open channel hydraulics* (McGraw-Hill).
Norrie, D. H., *An introduction to incompressible flow machines* (Arnold).

NC84. Instrumentation.

Pre-requisite subjects: Applied Mathematics II and Electrical Engineering S.

The course consists of one lecture and three hours' practical work a week throughout the year.

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.

Reference books:

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).

NM74. Mechanical Engineering S (C).

Pre-requisite subjects: Mathematics II (Engineering), Mechanics, Physics A (Engineering), Materials Science or (former subject) Engineering Materials, Strength of Materials, and Engineering Drawing and Design.

An introductory course in machine design and theory of machines designed for Civil Engineering students. It comprises 54 lectures and 81 hours of drawing office work.

Machine Design: A course of lectures and drawing office work on the principles of machine design applied to the design of machine components. Some special topics will include the selection of power transmission components and the design of some instrument elements.

Text-book:

Faires, V. M., *Design of machine elements* (Macmillan).

Theory of Machines: An introductory course on the kinematics and dynamics of machinery, including the analysis and synthesis of mechanisms. Special topics will include the kinematics of gear trains and cams, vibrations and the dynamic analysis of rotating machinery.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (Wiley).

FIFTH YEAR

(To be offered for the last time in 1969.)

NC05. Civil Engineering IIA.

Pre-requisite subjects: Survey A, Civil Engineering I, Hydraulics A, and Mathematics II (Engineering).

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* (Wiley).

Wu, T. H., *Soil mechanics* (Allyn and Bacon).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

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).

Stephenson, H. W., *Solution of problems in surveying and field astronomy* (Pitman).

Vega, G. von, *Logarithmic tables* (van Nostrand).

Moroney, M. J., *Facts from figures* (Penguin).

NC15. Civil Engineering IIB.

Pre-requisite subjects: Civil Engineering I, and Mathematics II (Engineering).

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.

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 (New Course).

Pre-requisite subjects: Mathematics I, Engineering I.

The course consists of four lectures a week and is an introductory course in stress 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:

- Clark, D., *Plane and geodetic surveying*, vol. 1 (Constable).
 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:

- McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.). Exam. questions*, London University (Macdonald).
 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 two terms on electrical machines, including the transformer, the direct current motor and generator, the synchronous machine, and the induction motor.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Text-book:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference books:

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

7. ELECTRONICS.

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:

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:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference book:

Angelo, E. J., *Electronic circuits* (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).

ELECTRICAL ENGINEERING COURSE (OLD)

FOURTH YEAR

(To be offered for the last time in 1968.)

SM02. Pure Mathematics II.

For syllabus see under Faculty of Science.

NC73. Strength of Materials.

Pre-requisite or concurrent subjects: Mathematics I (Engineering), Mechanics.

Students are required to undergo a course of experimental work on the testing and mechanics of materials and to complete the work prescribed in the drawing office.

Stress and strain; normal and shear stress; equilibrium and compatibility; elasticity and plasticity; mechanical properties of materials; testing of materials; statical indeterminacy; problems in tension and compression; simple framed structures; torsion of round shafts; combined stresses; principal stresses and strains; bending moment and shear force diagrams; bending and shear stresses; non-symmetrical bending; deflections of beams; methods of analysis; statically indeterminate beams, composite and built up beams; non-linear bending; riveted and welded joints; buckling of columns and struts; combined bending and axial loading of short and long columns; combined bending and torsion; cylinders subjected to internal and external pressures; strain energy; static and impact loading; elements of experimental stress analysis; stress concentration; theories of failure; importance of ductility. Introduction to time-dependent behaviour of materials.

Text-books:

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Panlilio, F., *Elementary theory of structural strength* (Wiley).

Reference books:

Seeley, F. B., and Smith, J. O., *Advanced mechanics of materials* (Wiley).

Polakowski, N. H., and Rippling, E. J., *Strength and structure of engineering materials* (Prentice-Hall).

NE04. 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:

- Adler, R. B., Chu, L. J., and Fano, R. M., *Electromagnetic energy transmission and radiation* (Wiley).
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).
 Ryder, J. D., *Electronic fundamentals and applications* (Pitman).
 Shinnars, S. M., *Control system design* (Wiley).

Reference books:

- Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).
 Dorf, R. C., *Modern control systems* (Addison Wesley).
 Fano, R. M., Chu, L. J., and Adler, R. B., *Electromagnetic fields, energy and forces* (Wiley).
 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).
 Ramo, S., and others, *Fields and waves in communication electronics* (Wiley).
 Ryder, J. D., *Networks, lines and fields* (Prentice-Hall).
 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).
 Additional references may be given during the course.

NM73. Engineering Drawing and Design.

Pre-requisite subject: Graphics.

Pre-requisite or concurrent subjects: Strength of Materials and Mechanics.

The course consists of a one-hour lecture and three hours drawing office work weekly throughout the year. The course deals with various engineering drawing conventions; the influence of manufacturing processes in design; dimensioning analysis of engineering designs; limits and fits, and dimensioning for interchangeable assembly; design principles, procedures and standards, screwed fasteners, power screws, clutches, couplings, keys and splines, springs, bearings, gears, shafting, belt drives, and brakes.

Text-books:

- Faires, V. M., *Design of machine elements* (Macmillan).
 S.A.A. CZ1, *Engineering drawing practice*.
 B.S.S. 1916, Part I: 1953; *Limits and fits*.
 B.S.S. 1916, Part 2: 1953, *Guide to the selection of fits*.
 B.S.S. 46, Part 1: 1958, *Keys and keyways*.

Reference books:

- Abbott, W., *Machine drawing and design* (Blackie).
 Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).
 Parker, S., *Drawings and dimensions* (Pitman).
 Conway, H. G., *Engineering tolerances* (Pitman).
 Hall, A. S., and others, *Theory and problems of machine design* (Schaum).
 Rollason, E. C., *Metallurgy for engineers* (Arnold).

Handbooks and codes:

- Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
Machinery's Handbook, 16th edition (Industrial Press).
 B.S.S. Handbook No. 2, *Workshop practice*.
British standard specifications (B.S.I.).
Australian standard specifications (S.A.A.).

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; programming and design 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).

Reference books:

- Bartee, T. C., and others, *Theory and design of digital machines* (McGraw-Hill).
Bazovsky, I., *Reliability theory and practice* (Prentice-Hall).
Bennett, W. R., *Electrical noise* (McGraw-Hill).
Black, H. S., *Modulation theory* (Van Nostrand).
Braun, E. L., *Digital computer design* (Academic Press).
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).
Ledley, R. S., *Digital computer and control engineering* (McGraw-Hill).
Lindmayer, J., and Wrigley, C. Y., *Fundamentals of semi-conductors* (Van Nostrand).
Richards, R. K., *Arithmetic operations in digital computers* (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).
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* (McGraw-Hill).
Shinners, S. M., *Control system design* (Wiley).
Storer, J. E., *Passive network synthesis* (McGraw-Hill).

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).

- Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).
- 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).
- Minorsky, N., *Nonlinear oscillations* (Van Nostrand).
- Tuttle, D. F., *Electric networks, analysis and synthesis* (McGraw-Hill).
- Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
- Weinberg, L., *Network analysis and synthesis* (McGraw-Hill).
- Westinghouse Electric Manufacturing Corporation, *Electrical transmission and distribution reference book*.

NE25. Electrical Engineering IIIC.

Pre-requisite subjects: Electrical Engineering II, Physics II.

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).

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).

NE75. Vacation Laboratory Course in Electrical Engineering.

This course, which occupies a period of three weeks, is designed partly to give additional support to the theory courses in Electrical Engineering II, and partly to prepare students for their final year project work.

The course is comprised of practical work covering machine transients, components of automatic control systems, special amplifiers, controlled power supplies, switching circuits and measurements.

ALTERNATIVE FIFTH YEAR.

(To be offered for the last time in 1968.)

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 may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subjects:

NC73. Strength of Materials.

NM73. Engineering Drawing and Design.

For syllabuses see under ELECTRICAL ENGINEERING COURSE (OLD), FOURTH YEAR.

NE35. Electrical Engineering A.

Pre-requisites. A Science degree, with Mathematics and Physics as major options.

The course consists of material selected from the syllabuses of Electrical Engineering I and Electrical Engineering II.

NOTE: Before entering upon Electrical Engineering A, a candidate will be obliged to spend a fortnight in the laboratory carrying out selected practical experiments from Electrical Engineering I, and undertaking prescribed reading.

SIXTH YEAR

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.

NE75. Vacation Laboratory Course in Electrical Engineering.

For syllabus see under ELECTRICAL ENGINEERING COURSE (OLD), FIFTH YEAR.

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:

- Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).
 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).
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MECHANICAL ENGINEERING COURSE (OLD)

FOURTH YEAR

(To be offered for the last time in 1968.)

Either

EE94. Economics (Engineering).

For syllabus see under CIVIL ENGINEERING COURSE (OLD), FOURTH YEAR.

Or

SM94. Mathematics III (Engineering).

For syllabus see under Faculty of Science.

NC94. Civil Engineering S.

Pre-requisite subjects: Mathematics I (Engineering), Mechanics, Strength of Materials, Engineering Drawing and Design.

This course consists of two lectures and three hours' practical work a week throughout the year, and is designed for students not intending to complete a degree in Civil Engineering.

The course covers the theory of statically determinate and indeterminate cases of beams, frames, arches and suspension cables, and simple cases of the plastic theory of structures.

Lectures and drawing office work on the design of structures are included, together with lectures on concrete and reinforced concrete structures and some elementary foundation engineering.

Text-books:

Speedie, M. G., and O'Donnell, I. J., *Foundation practice* (Tait Book Co.).

Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill); *or*

Gaylord, E. H., and Gaylord, C. N., *Design of steel structures* (McGraw-Hill).

Standards Association of Australia:

Minimum design loads on buildings, Interim 350.

Structural steel in buildings, Interim 351.

Code for welding in building, C.A.8, Part I.

Code for concrete in building, CA.2.

Crane and hoist code, CB.2.

Reference books:

Neal, B. G., *The plastic methods of structural analysis* (Chapman and Hall).

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

NE74. Electronics.

Pre-requisite or concurrent subject: Electrical Engineering S.

The course consists of one lecture a week throughout the year and three hours' practical work a week for two terms.

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.

Text-book:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering*, 3rd edition (McGraw-Hill).

Reference book:

Angelo, E. J., *Electronic circuits* (McGraw-Hill).

NM04. Mechanical Engineering IA (Old Course).

Pre-requisite subjects: Mechanics, Mathematics II (Engineering), Physics A (Engineering).

An introductory course in applied thermodynamics, heat transfer, and fluid mechanics, including about 72 lectures and 108 hours' laboratory work.

APPLIED THERMODYNAMICS I: A course of lectures and practical work on the relationship between heat and work, the properties of systems and of the substances used including the following: Temperature and thermometry; the equation of state for ideal and real substances; gas mixtures; energy, its source and release and the combustion process; heat and work, the first law in relation to closed and open systems; the total energy equation, the adiabatic process and energy relationships for open systems; the second law, availability and reversibility; entropy, the Carnot cycle; regenerative cycles and other thermodynamic cycles for gases; intermittent gas flow, expanders and compressors, condition for least work. Properties of liquids and vapours; the behaviour of a two-phase substance in closed and open systems; supersaturation; thermodynamic cycles for such a substance; the reaction and impulse principle, velocity diagrams for fluid flow; gas and vapour mixtures, psychrometry.

The introduction of heat transfer includes: steady and unsteady-state heat conduction; relaxation of a temperature field; heat convection and the use of dimensionless parameters; black and grey body radiation.

Text-books:

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

Holman, J. P., *Heat transfer* (McGraw-Hill).

Reference books:

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).

Tribus, M., *Thermostatcs and thermodynamics* (Van Nostrand).

Saad, M. A., *Thermodynamics for engineers* (Prentice-Hall).

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).
 Eskinazi, S., *Principles of fluid mechanics* (Allyn and Bacon).

Reference books:

- Lamb, H., *Hydrodynamics* (Dover).
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Prandtl, L., and Tietjens, O. G., *Applied hydro- and aero-mechanics* (Dover).
 Bairstow, L., *Applied aerodynamics* (Longmans).
 Bunt, E., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Rouse, H., *Advanced mechanics of fluids* (Wiley).
 Schlichting, H., *Boundary layer theory* (Pergamon Press).
 Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).
 Mises, R. von, *Theory of flight*.
 Ower, E., *Measurement of air flow* (Chapman and Hall).
 Pankhurst, R. C., and Holder, D. W., *Wind-tunnel technique* (Pitman).

NMI4. Mechanical Engineering IB (Old Course).

Pre-requisite subjects: Mechanics, Mathematics II (Engineering), Physics A (Engineering), Strength of Materials, Engineering Drawing and Design, Production Technology.

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; equilibrium of machines; balancing and vibrations.

Text-book:

- Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery*, 2nd edition (Wiley).

Reference books:

- Bevan, T., *Theory of machines* (Longmans).
 Rothbart, H. A., *Cams* (Wiley).
 Hunt, K. H., *Mechanisms and motion* (The English Universities Press).

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: 1940, *Machine cut gears. A. Helical and straight spur* (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.

FIFTH YEAR

(To be offered for the last time in 1969.)

NM05. Mechanical Engineering IIA.

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:

- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).
 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.).
 Barna, P. S., *Fluid mechanics for engineers* (Butterworth).
 Wislicenus, G. F., *Fluid mechanics of turbo-machinery* (McGraw-Hill).
 Binder, R. C., *Advanced fluid mechanics*, Vols. 1 and 2 (Prentice-Hall).
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Prandtl, L., and Tietjens, O. G., *Applied hydro and aero mechanics* (Dover).
 Bairstow, L., *Applied aerodynamics* (Longmans).
 Kovats, A. de, and Desmur, G., *Pumps, fans and compressors* (Blackie).
 Stepanoff, A. J., *Centrifugal and axial flow pumps* (Wiley).
 Bunt, E. A., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Cox, H. R., *Gas turbine principles and practice* (Newnes).
 Nelson, W. C., *Airplane propeller principles* (Wiley).
 Ower, E., *Measurement of air flow* (Chapman and Hall).
 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).

NM15. Mechanical Engineering IIB.

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:

- 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 Currier, 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).

Macklerle, J., *Air-cooled motor engines* (Clever 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, heat transfer, 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).
 Edell, 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).
 Holman, J. P., *Heat transfer* (McGraw-Hill).

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; 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).

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 compressive 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.

Reference books:

- Gaylord, E. H. and C. N., *Design of steel structures* (McGraw-Hill).
 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; 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:

Moffatt, 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).

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.

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 Company, 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 Company, 1966).

Reference books (available in the Library):

†Cross, R., *Precedent in English law* (O.U.P., 1961).

†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 Company, 1955).

Kiralfy, A. K., *The English legal system*, 3rd edition (Sweet and Maxwell, 1960).

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*, 7th edition, vol. 1 (Methuen, 1956).

Allen, C. K., *The Queen's peace* (Stevens, 1953).

†Windeyer, W. J. V., *Lectures on legal history*, 2nd edition (Law Book Company, 1957).

Gifford, K. H., *How to read an Act of Parliament* (Law Book Company, 1963).

Craies, W. F., *Treatise on statute law*, 6th edition (Sweet and Maxwell, 1963).

Bowen, C. D., *The lion and the throne* (Hamish Hamilton, 1957).

* 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* (S.A. Government printer, 1957).
 Crisp, L. F., *Australian national government* (Longmans, 1965).
 Mackenzie, K., *The English parliament* (Pelican, 1963).
 Phillips, O. H., *Constitutional and administrative law*, 3rd edition (Sweet and Maxwell, 1962).
 Phillips, O. H., *Leading cases in constitutional law*, 3rd edition (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).
 Jennings, W. I., *The law and the constitution*, 5th edition (U.L.P., 1959).
 Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P., 1954).
 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 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, 1953-61* (S.A. Government Printer); and of the *Commonwealth Constitution, and the Statute of Westminster Adoption Act, 1942* (with Index) (Commonwealth Government Printer). 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, 1953-61* (S.A. Government Printer). 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*, Australian edition by J. G. Starke and P. F. P. Higgins (Butterworths, 1966).

McGarvie, R. E., Pannam, C. L., and Hoocker, 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, 1950-51).

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).

LL12. The Law of Torts.

General principles of the law of torts; specific torts.

Text-books:

Morison, W. L., Morris, N. R., and Sharwood, R. L., *Cases on the law of torts*, paperback edition (Law Book Co., 1966).

Fleming, J. G., *The law of torts in Australia*, 3rd edition (Law Book Co., 1965), or

Winfield, P. H., *Text-book of the law of tort*, 7th edition (Sweet and Maxwell, 1963).

Reference books:

Street, H., *The law of torts*, 3rd edition (Butterworth, 1963).

Salmond, J. W., *Law of torts* (ed. Heuston), 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*. 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, 1886-1963; Real Property (Registration of Titles) Act, 1945; Estates Tail Act, 1881; and other statutes as prescribed in lectures.
- (c) Reports of cases specially prescribed in lectures.

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*, 3rd edition (Butterworth, 1962).

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., *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., *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 casebook issued by the Law School).
- An introduction to Australian administrative law* (Mimeographed case book issued by the Law School).
- Sawer, 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).
- 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* (Stevens, 1959).
- 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) (Commonwealth Government Printer).
- The High Court Procedure Act, 1903-50* and *The Judiciary Act, 1903-60* (Commonwealth Government Printer).

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., *The enforcement of morals* (O.U.P., 1965).
- Frank, J., *Courts on trial* (Princeton U.P., 1950).
- Frank, J., *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).
- 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).
- Lloyd, D., *Introduction to jurisprudence*, 2nd edition (Stevens, 1965).
- Ross, A., *On law and justice* (Stevens, 1958).
- 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).

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; an elementary knowledge of Latin. 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 a general outline 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, 1965 (C.U.P., 1952).

Schulz, F., *Classical Roman law* (O.U.P., 1951).

de Zulueta, F. M., *The Roman law of sale* (O.U.P., 1945).

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*, 2 vols. (Stevens, 1965).

Green, L. C., *International law through the cases*, 2nd edition (Stevens, 1959).

Brierly, 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*, 5th edition (Longmans, 1962).

McNair, A., *The law of treaties* (O.U.P., 1961).

Lauterpacht, H., *The development of international law by the International Court* (Stevens, 1958).

Oppenheim, 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., *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. The statutes relating to the special subjects and referred to in the lectures. Reports of cases specially prescribed in lectures.

Text-books:

- Snell, E. H. T., *Principles of equity*, 26th edition (Sweet and Maxwell, 1966).
 Nathan, J. A., *Equity through the cases*, 4th edition (Stevens, 1961).
 Pettit, P. H., *Equity and the law of trusts* (Butterworth, 1966).
 Other books on particular subjects suggested in lectures

Reference books:

- 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. K. and Strauss, O., *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).

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).
 Richardson, D., *A simple guide to negotiable instruments*, 3rd edition (Butterworth, 1963).
 Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).
 Else-Mitchell, R., and Parsons, R. W., *Hire-purchase law*, 3rd edition (Law Book Co., 1961).

Reference books:

- Lewis, A. N., *Australian bankruptcy law*, 4th edition, ed. J. F. Patrick (Law Book Co., 1955).
 Riley, B. B., *Bills of exchange in Australia*, 2nd ed. (Law Book Co., 1964).
 Paton, G. W., *Bailment in the common law* (Stevens, 1952).
 Sykes, *Law of securities* (Law Book Co., 1962).
 Dean, A., *Law relating to hire-purchase in Australia*, 2nd edition (Law Book Co., 1938).
 Powell, R., *The law of agency*, 2nd edition (Pitman, 1961).
 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).

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.

General principles of private international law; the law of domicile; enforcement of foreign judgments; diversity and matrimonial causes jurisdiction in Australia; choice of law.

Text-books:

- Sykes, E. I., *Cases and materials on private international law* (Law Book Co., 1962).
 Cowen, Z., and Mendes da Costa, D., *Matrimonial causes jurisdiction* (Law Book Co., 1961).
 Cheshire, G. C., *Private international law*, 7th edition (Butterworth, 1965).

Reference books:

- Dicey, A. V., *Conflict of laws*, 8th edition (Stevens, 1967).
 Wolff, M., *Private international law*, 2nd edition (O.U.P., 1950).
 Morris, J. H. C., *Cases on private international law*, 3rd edition (O.U.P., 1960).
 Cowen, Z., *American-Australian private international law* (Oceana, 1957).
 Cowen, Z., *Federal jurisdiction in Australia* (O.U.P., 1959).

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; questions of contract, tort and property insofar as they relate to husband and wife; Maintenance Act; matrimonial causes; legitimation, adoption; laws relating to testator's family maintenance; laws relating to custody and guardianship of infants; 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., *Modern company law*, 2nd edition (Stevens, 1957).

Reference books:

- Palmer, F., *Company law*, 20th edition (Stevens, 1959).
 University of Sydney, Law School, *The new companies law* (Young, 1962).
 Northey, J. F., *Introduction to company law* (N.Z.), 4th edition (Butterworth, 1960).
 Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).
 Stoljar, S. J., *Law of agency*, (Sweet and Maxwell, 1961).

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*, 1904-1966.
Industrial Code, 1920-1966.
Commonwealth Employees' Compensation Act, 1930-1962.
Local Government Act, 1934-1966, and Index.
Workmen's Compensation Act, 1932-1963.

Reference books:

- Brett, P., *Cases and materials in constitutional and administrative law* (Butterworth, 1962).
- 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* (Stevens, 1959).
- 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).
- Mansfield Cooper, W., and Wood, J. C., *Outlines of industrial law*, 5th edition (Butterworth, 1966).
- Nolan, J. R. W., and Cohen, K. A., *Federal industrial law*, 3rd edition, edited by C. P. Mills (Butterworth, 1963).

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. and Wilkins, N., *Outline of the law of evidence* (Butterworth, 1964).

Reference books:

- Cross, R., *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 annual 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).
- Commonwealth matrimonial causes hand-book*.
- 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.

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: A course of lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body extends 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.

A series of oral examinations must be passed on the 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 not already covered.

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).
 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.

Reference books:

Conn., E. J., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).
 White, A., and others, *Principles of biochemistry* (McGraw-Hill).

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* edited by Davson, H., and Eggleton, M. G. (Churchill).

Ruch, T. C., and Palton, 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* (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), or

Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Reference book:

Florey, Sir Howard, *General pathology*, latest edition (Lloyd-Luke).

For Special Pathology:

Text-book:

Robbins, S. L., *Text-book of pathology*, 2nd edition (Saunders).

Reference book:

Willis, R., *Pathology of tumours* (Butterworth).

SK74. Microbiology.

Bacteria of medical importance: their morphology, physiology, isolation and classification. The role of these organisms in human disease, considered as a study of host-parasite relationships. An outline of human virus infections. The principles of immunology as applied to diagnosis, prophylaxis and therapy of bacterial and viral diseases. The principles of sterilization and disinfection. Chemotherapeutic agents as selective poisons. Epidemiology and its relation to control of hospital cross-infections. Collection of specimens for bacteriological and viral diagnosis. 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* (Blackwell, Oxford).

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); 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

Canong, W. F., *Review of medical physiology* (Lange).

Campbell, E. J. M., Dickinson, C. J., and Slater, J. D. H., *Clinical physiology*, 2nd edition (Blackwell).

Welt, L. G., *Clinical disorders of hydration and acid-base equilibrium*, 2nd 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 Maternity 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.).
 Jeffcote, 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*, 2nd edition (Mosby, 1963).
 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*, 2nd edition (Livingstone, 1960).
 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:

- Swenson, Orvar, *Pediatric surgery* (Appleton-Century-Crofts).

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.

I. 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):

Price, F. W., *Text-book of the practice of medicine*, 10th edition by R. Bodley Scott (O.U.P.); or

Harrison, T. R., and others, *Principles of internal medicine* (McGraw-Hill); 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.).

Wood, P. H., *Diseases of heart and circulation* (Eyre and Spottiswoode).

Sneddon, I. B., and Church, R. E., *Practical dermatology* (Arnold).

De Wardener, H. E., *Kidney disease* (Churchill).

Sherlock, S. P. V., *Liver disease* (Churchill).

Harries, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).

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).

Reference book:

Lovell, R. R. H., and Doyle, A. E., *An introduction to clinical medicine* (Arnold).

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*, 6th 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:

- 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* (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*, 12th 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:

- Wolff, E., *Diseases of the eye* (Cassell).
 Jackson, C. R. S., *The eye in general practice* (Livingstone).

Reference books:

- Parsons, Sir John H., *Diseases of the eye*, edited by Sir Stewart Duke-Elder (Churchill).
 Philps, A. S., *Ophthalmic operations* (Bailliere, Tindall and Cox).
 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* of which only five of the proposed fifteen volumes are yet available.
 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 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., *Diseases 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 carious 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:

Morris, R. O., *Foundations of practical harmony and counterpoint* (Macmillan).

Reference books:

Hindemith, *Traditional harmony* (Schott).
 Hollinrake, *Foundations of harmony for class teaching* (Novello).
 Lovelock, *First-year harmony* (Hammond).
 Lovelock, *Second-year harmony* (Hammond).
 Bairstow, *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 scale 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, *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:

- Homer, 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. *Viva 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).

BOARD OF STUDIES IN PHARMACY

SYLLABUS NUMBERS.

The first two letters identify the Board of Studies in Pharmacy, and the Department of Pharmacy.

The first digit differentiates the subjects.

The second digit

3-4: indicates year of subject, e.g. third or fourth.

DIPLOMA IN PHARMACY.

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Studies in Pharmacy.

FOURTH EXAMINATION.

PHARMACY III.

This subject comprises the following three units:

FF04. Practical Pharmacy and Dispensing.

This course consists of two lectures, one tutorial and four hours practical a week.

The fundamentals of sterilization techniques, with particular reference to the formulation and preparation of parenterals; immunological preparations and diagnostic agents; the manufacture, formulation and evaluation of antibiotics; the formulation and evaluation of disinfectants; the preparation of compressed tablets and their analytical control; factors affecting the stability of pharmaceutical products, accelerated storage tests; the formulation of sustained release preparations.

Practical work consists of exercises in dispensing and exercises illustrative of the lecture material.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).

British Pharmaceutical Codex (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Cunn, C., *Dispensing for pharmaceutical students* (Pitman).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

Reference books:

- Martindale, W. H., *The extra pharmacopoeia* (Pharmaceutical Press).
Husa, W. A., *Pharmaceutical dispensing* (Mack).

FF14. Forensic Pharmacy.

This course consists of one lecture a week in second and third terms, and includes a detailed survey of the legislation which governs the practice of pharmacy.

Particular attention is given to The Pharmacy Act and Regulations, the Dangerous Drug Act and Regulations, and to The Food and Drugs Act and Regulations including the Poison Regulations. Some discussion of the historical background of these enactments is also included.

FF24. Pharmacy Organisation.

This course consists of one lecture a week in second and third terms, and covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy.

Consideration is given to those general principles of human relations which are of importance to the pharmacist in his administration of the legal requirements attached to medicines.

Other topics include the scope of the social sciences and the widespread use of social psychology in personnel management in commerce and industry, and in the professions; the scope and functions of pharmaceutical organisations; pharmaceutical ethics—the relationship of pharmacists to one another, to other professions, to the public and to the State.

Text-book:

- Ruch, F. L., *Psychology and life* (Scott Freeman, N.Y.).

PHARMACY IV.

This subject comprises the following four units:

FF34. Pure Pharmacology.

This course consists of two lectures a week for three terms and one practical session a week for two terms.

A course of lectures in basic physiology is followed by lectures in systematic pharmacology. The actions of drugs in common clinical use are described. In addition, emphasis is placed on the principles of bioassay with examples from the British Pharmacopoeia, on the relation between the structure of drugs and their physiological actions, and on the factors which control the absorption and duration of action of drugs in the body.

Text-book:

- Lewis, J. J., *An introduction to pharmacology* (Livingstone).

FF44. Bacteriology.

This course consists of one lecture and two hours practical work a week for the first twelve weeks of the year.

The topics covered include the general characteristics of bacteria, their morphology, distribution and biochemical activity; methods of cultivation, isolation and identification of bacteria; the elements of bacterial classification; a more detailed study of selected saprophytic and pathogenic bacteria; methods of sterilisation and aseptic transfer; tests for sterility; chemical disinfection, chemo-

therapy and the development of immunity; preparation of vaccines and therapeutic sera; hypersensitivity and allergy; the normal body flora; the survival of pathogens outside the body; sources of contamination in the pharmacy; the applications of bacteriology to public health.

Text-book:

Bentley, A. O., *Textbook of pharmaceuticals*, section 5 (Baillière, Tindall and Cox).

Reference books:

McCulloch, E. C., *Disinfection and sterilisation*, chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

FF54. Nutrition.

This course consists of one lecture a week in second and third terms.

The energy and protein requirements of the body; the mineral constituents and accessory food factors in the diet; the relative value of common natural foods and the economic aspects of malnutrition.

FF64. Organic Medicinals.

This course consists of one lecture a week, and is primarily concerned with the organic compounds of pharmaceutical interest and extends the scope of Organic Chemistry. Reference is made to the use and action of selected drugs.

Reference books:

Sexton, W. A., *Chemical constitution and biological activity* (Spon).

Albert, A., *Selective toxicity* (Wiley).

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.

New students are advised to consult the Lecturer-in-Charge of Physical Education as early as possible in the term 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, 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).
- Prosser, E. M., *Manual of massage and movement* (Faber).
- 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 Education. 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 zoal 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).
Baitsell, 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).
 Knapp, B., *Skill in sport* (Routledge and Kegan Paul, London, 1963).
 Morgan, C. T., *Physiological psychology*, 3rd edition (McGraw-Hill).

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.

The text-books set for Electrotherapy I and II, together with an elementary text-book on physics, are suitable for reference.

PP01. Treatment I.

The course consists of two hours a week during the first and second terms.

THEORY.—Ten 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 massage and exercises: 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*, 10th edition (Wright).
 Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).
 Cyriax, J. H., *Text-book of orthopaedic medicine*, Vol. I (Cassell).

Reference books:

- Randall, M., *Training for childbirth* (Churchill).
 Adams, J. C., *Outline of fractures* (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).

PP12. Movement II.

The course consists of two hours a week in first and third terms, and three hours a week in second term.

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, and the Adelaide Children's Hospital.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms, approximately 320 hours.

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).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 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).

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:

- Maitland, G. D., *Vertebral manipulation* (Butterworth, 1964).
 Gesell, A., Gesell, L., and Armatruda, C. S., *Developmental diagnosis* (Hoeber).
 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 eight lectures and four practical demonstrations which cover revision of physics of low frequency currents, high frequency currents and radiation, and methods of application to patients. Also the evaluation and uses of treatment by electrotherapy, and the principles of electrodiagnosis.

The practical demonstrations and discussion of electrical testing, treatment of local infections, and certain conditions affecting the eyes and nose.

Clinical teaching and practical work on patients is carried out during the three terms.

Reading, and reference books 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 Bisgaard treatment of gravitational ulcers; and manipulations. The students work approximately 30 hours a week, a total of 480 hours.

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, and clinical teaching.

C. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eight weeks and includes practice in the wards, the Physiotherapy Department, and instruction and practice in re-education and in the making of plaster splints. There is also one hourly tutorial each week during the three terms.

D. At the Queen Victoria Maternity 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.

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 Y	Mathematics M
Botany B	Microbiology K
Chemistry: see Physical and Inorganic Chemistry; Organic Chemistry	Organic Chemistry (for subjects, see under Chemistry) ... O
Computing Science A	Physical and Inorganic Chemistry (for subjects, see under Chemistry) C
Economic Geology E	Physics P
Genetics J	Physiology: see Human Physiology and Pharmacology.
Geology and Mineralogy ... G	Statistics (for subjects, see after Mathematics) T
Human Physiology and Pharmacology (for subjects, see under Physiology) S	Zoology Z
Mathematical Physics F	

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 (not available in 1968)	WB13 Soil Science I
MA13 Histology	WB73 Soil Science IA
AY22 Psychology I (S)	WB83 Soil Science IB

The syllabuses of these subjects may be found, in alphabetical order, after the last Faculty of Science subject, Zoology.

BIOCHEMISTRY.

It is recommended that students intending to take Biochemistry II courses include at least one of the second-year chemistry subjects (Chemistry II, Physical and Inorganic Chemistry II or Organic Chemistry II) along with Biochemistry I during their second year. Two second-year chemistry subjects (Physical and Inorganic Chemistry II and Organic Chemistry II) plus Biochemistry I is a strongly recommended combination.

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.

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.

Reference books:

Conn, E. J., and Stumpf, P. K., *Outlines of biochemistry*, 2nd edition (Wiley).

Recommended for more advanced reading:

Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper and Row).

White, A., Handler, P., and Smith, E. L., *Principles of biochemistry*, 3rd edition (McGraw-Hill).

West, E. S., and others, *Text-book of biochemistry*, 4th ed. (Macmillan).

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 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; mechanisms of protein biosynthesis; antibiotic action; biochemistry of virus infection; molecular control mechanisms at the gene and ribosome levels.

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.

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.

The subjects offered are:

SY03. Biochemistry II.

A group C (1) subject. Units 1, 2, 3.

SY23. Biochemistry IIA.

A group C (2) subject. Units 1 and 2 and the units in Physical and Inorganic Chemistry on Thermodynamics and Inorganic Reaction Mechanisms.

SY33. Biochemistry IIB.

A group C (2) subject. 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. Units 1 and 2 and the 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 units from the above list together with one unit from another department.

Text-books (for all subjects):

- Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper and Row).
 White, A., Handler, P., and Smith, E. L., *Principles of biochemistry*, 3rd edition (McGraw-Hill).
 West, E. S., and others, *Textbook of biochemistry*, 4th edition (Macmillan).

Reference books (for all subjects):

- Advances in protein chemistry* (Academic Press).
 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).
Advances in enzymology (Academic Press).
Advances in enzyme regulation (Academic Press).
Progress in nucleic acid research and molecular biology, vols. 1-6 (Academic Press).
Annual review of biochemistry (Academic Press).
 Neurath, H., and Tuppy, H., *The proteins*, 2nd edition (Academic Press).
 Martin, R. B., *Introduction to biophysical chemistry* (McGraw-Hill).
 Boyer, P. D., and others (eds.), *The enzymes*, 2nd edition, vols. 1-8 (Academic Press).
 Cantoni, G. L., and Davies, D. R. (eds.), *Procedures in nucleic acid research* (Harper).
Cold Spring Harbour symposia on quantitative biology, vol. 31 (1966).
 Dixon, M., and Webb, E. C., *The enzymes*, 2nd edition (Longmans).

Much of the reading matter is from reviews and original publications, references to which will be given in the lectures.

SB99. Botany for the Honours degree of B.Sc.

Pre-requisite subject: Biochemistry II (SY03), or Biochemistry IIA (SY13), or Biochemistry IIB (SY23), or Biochemistry IIC (SY33), or Biochemistry IIM (SY43). In exceptional cases students having passed another group C (2) subject, which includes as part of it one of the Biochemistry units, may be considered for entry into the Honours class.

Candidates are required to give their full time for at least 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 1, but this can be altered in special circumstances by arrangement with the Professor of Biochemistry.

The work will include attendance at an advanced course of lectures in modern biochemistry, attendance at 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 and essay work will be prescribed during 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.

There are three courses in Botany for the Ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course.

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).

Savage, J. M., *Evolution* (Holt).

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.

Text-book:

Strafford, G. A., *Essentials of plant physiology* (Heinemann).

Recommended reading:

Fogg, G. E., *The growth of plants* (Pelican).

Steward, F. C., *Plants at work* (Addison-Wesley).

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:

- Ford, E. B., *Mendelism and evolution*, 7th edition (Methuen).
 Sheppard, P. M., *Natural selection and heredity*, 2nd edition (Hutchinson).
 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, H., *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.).

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 C 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 units, each of which comprises three lectures and three practical periods (11 hours) a week throughout the year. An additional term's work (unit 4) may be taken coupled with appropriate units in other departments.

FIELD WORK: Field trips are normally held in conjunction with units 1 (Phycology section) (first term vacation—about four days) and 2 (second term vacation—about four days).

1. 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).

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 unit 1) is included in this course.

Text-books:

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman).

Reference books:

Sporne, K. R., *The morphology of pteridophytes* (Hutchinson).
Sporne, K. R., *The morphology of gymnosperms* (Hutchinson).

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 unit 1) is included in this course.

Reference books:

To be notified.

3. **PLANT BIOCHEMISTRY:** Third term. Enzymes, photosynthesis, respiration, nitrogen metabolism; metabolism of growth; cell physiology.

Text-book:

Whittingham, C. P., *The chemistry of plant processes* (Methuen).

Reference book:

Davies, D. D., and others, *Plant biochemistry* (Blackwell).

4. **CELLS AND EMBRYOS** (a unit 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. Units 1, 2(1) or 2(2), 3.

SB13. Botany IIIA.

A group C(2) subject. Units 1, 2(1) or 2(2), 4.

SB23. Botany IIIB.

A group D subject. Units 1, 2(1) or 2(2), 3, 4.

SB33. Botany IIIM.

A group C(3) subject. With approval of the Heads of the Departments concerned, a combination of two units from the above list together with one 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.

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.

Possible combinations of third-year subjects are set out under the appropriate syllabuses but additional information and advice may be obtained from Heads of 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.

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 scope and standard of knowledge required for the examination is indicated by the course of lectures which deals with an introduction to atomic theory and valency, systematic inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry, but may include also prescribed parts of the text-books. The practical course is designed to serve as an introduction to practical inorganic chemistry, physical chemistry, chemical analysis 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).
 Moore, W. J., *Physical chemistry*, 4th edition (Longmans).
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).
 Ryschkewitsch, G. E., *Chemical bonding and the geometry of molecules* (Reinhold) or,
 Companion, A. L., *Chemical bonding* (McGraw-Hill).

SC02. Physical and Inorganic Chemistry II.

Pre-requisite subjects: Physics I (SP01), Mathematics IS (SM71) or Mathematics I (SM01) 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 introductions to thermodynamics, electro-chemistry, reaction kinetics, theoretical chemistry, structural chemistry, inorganic reaction mechanisms and isotopic tracer studies; lecture topics in inorganic chemistry will be selected to illustrate the applications of these physico-chemical concepts and principles.

The practical courses deal with physical chemistry, preparative inorganic chemistry and modern instrumental analysis.

Text-books:

- Barrow, G. M., *Physical chemistry* (McGraw-Hill) or Moore, W. J., *Physical chemistry*, 4th edition (Longmans).
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
 Stevens, B., *Chemical kinetics* (Chapman and Hall).
 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).
 Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).
 Banwell, C. N., *Fundamentals of molecular spectroscopy* (McGraw-Hill).
 Gray, H. B., *Electrons and chemical bonding* (Benjamin).

Reference books:

- Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).
 Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).
 Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
 Mahan, B. H., *Elementary chemical thermodynamics* (Benjamin).
 Vogel, A. I., *A text-book of quantitative inorganic analysis*, 3rd edition (Longmans).

SC12. Chemistry II.

Pre-requisite subjects: A Division I pass, or higher, in Chemistry I (SC01) and a pass, or higher, in General Mathematics (SM81) or 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:

- Barrow, G. M., *Physical chemistry* (McGraw-Hill); or
 Moore, W. J., *Physical chemistry*, 4th edition (Longmans).
 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. A., 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).

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. Quantum mechanics, molecular orbital theory, calculation of charge densities and bond orders; symmetry operations.

Text-books:

Hanna, M. W., *Quantum mechanics in chemistry* (Benjamin).
Gray, H. B., *Electrons and chemical bonding* (Benjamin).

Reference book:

Roberts, J. D., *Notes on molecular orbital calculations* (Benjamin).

2. **MOLECULAR SPECTRA:** First term. Theory and applications of microwave, infrared, 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).

3. **THERMODYNAMICS:** First term. Introduction to statistical thermodynamics.

Text-book:

Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).

4. **REACTION KINETICS AND MECHANISM:** Second term. Absolute reaction rate theory; reactions in solution.

Text-book:

Laidler, K. J., *Reaction kinetics*, vols. 1 and 2 (Pergamon), or
Frost, A. A., and Pearson, R. G., *Kinetics and mechanism*, 2nd edition (Wiley).

5. **MACROMOLECULAR CHEMISTRY:** Second term. The structure, solution properties and some solid state properties of natural and synthetic macromolecules.

Reference book:

Tanford, C., *Physical chemistry of macromolecules* (Wiley).

6. **ORGANOMETALLIC CHEMISTRY:** Second term. The main classes of organometallic 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. **CRYSTALLOGRAPHY:** Third 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:

Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
Garner, W. E., *Chemistry of solid state* (Butterworths).
Bunn, C. W., *Chemical crystallography* (O.U.P.).

8. **METAL COMPLEXES:** Third term. Bonding in complexes, crystal field and charge transfer spectra; thermodynamics of complex formation.

Text-book:

Orgel, L. E., *An introduction to transition metal chemistry*, 2nd edition (Methuen).

9. INORGANIC REACTION MECHANISMS: Third term. Ligand substitution, isomerisation and racemisation in complexes; oxidation-reduction reactions.

Text-book:

Sykes, A. Q., *Kinetics of inorganic reactions* (Pergamon).

Reference book:

Basolo, F., and Pearson, R. G., *Mechanisms of inorganic reactions*, 2nd edition (Wiley).

Text-books (for all subjects):

Barrow, G. M., *Physical chemistry* (McGraw-Hill), or

Moore, W. J., *Physical chemistry*, 4th edition (Longmans), or

Daniels, F., and Alberty, R. A., *Physical chemistry*, 3rd edition (Wiley).

Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry*, 2nd edition (Interscience).

Reference books (for all subjects):

Phillips, C. S. G., and Williams, R. J. P., *Inorganic chemistry*, vols. 1 and 2 (O.U.P.).

Wells, A. F., *Structural inorganic chemistry*, 3rd edition (O.U.P.).

Vogel, A. I., *Textbook of quantitative inorganic analysis*, 3rd edition (Longmans).

Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).

Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).

The subjects offered are:

SC03. Physical and Inorganic Chemistry IIIA.

A group D subject. Units 1, 2, 3, 4, 5 or 6, 7, 8, 9.

This subject may be taken together with (a) the units in Organic Chemistry on Physical-organic Chemistry and Structure, Mechanism and Synthesis, Part A; or (b) the units in Biochemistry on Biochemistry of Gene Action and Protein Structure and Function; or (c) the units in Mathematics on Vectors and Tensors, Linear Spaces, Numerical Analysis and Mathematical Models II, in lieu of two subjects in group C.

(Note: The pre-requisites for the subjects in these Departments must be observed, viz., Organic Chemistry II (SO02), Biochemistry I (SY02), and Pure Mathematics II (SM02), respectively, all at division I standard or higher.)

SC13. Physical and Inorganic Chemistry IIIB.

A group C (1) subject. Units 1, 2, 3, 4, 5, 7.

SC23. Physical and Inorganic Chemistry IIIC.

A group C (1) subject. Units 1, 2, 4, 6, 8, 9.

SC33. Physical and Inorganic Chemistry IIID.

A group C (1) subject. Units 1, 3, 4, 5, 8, 9.

SC43. Physical and Inorganic Chemistry IIIE.

A group C (1) subject. Units 1, 2, 3, 4, 7, 9.

SC53. Physical and Inorganic Chemistry IIIF.

A group C (2) subject. Units 1, 2, 4, 6 and, with approval of the Heads of the Departments concerned, another unit (or units) from another Department.

SC63. Physical and Inorganic Chemistry IIIG.

A group C (2) subject. Units 3, 4, 5, 8 and, with approval of the Heads of the Departments concerned, another unit (or units) from another Department.

SC73. Physical and Inorganic Chemistry IIIM.

A group C (3) subject. With approval of the Heads of the Departments concerned, a combination of four units from the above list together with another unit (or units) from another Department.

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, SC23, SC33, SC43) 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.

Students may be required to satisfy the Head of the Department that they have a reading knowledge of French and German.

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 students' edition (McGraw-Hill).

Finar, I. L., *Organic chemistry*, 4th edition, vol. 1 (Longmans).

Hart, H., and Schultz, R., *Laboratory manual for organic chemistry* (Houghton Mifflin).

(Students intending to proceed to Organic Chemistry III should 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 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. **STRUCTURE, MECHANISM AND SYNTHESIS, PART A:** Second term. Stereochemistry, configurational and conformational isomerism, structure and reactions of the parent heterocyclic systems; structure and reactions of carbonium ions, carbanions, and radical ions.

3. **STRUCTURE, MECHANISM AND SYNTHESIS, PART B:*** Third term. Structure and reactions of polynuclear heterocyclic systems; chemistry and biosynthesis of alkaloids, flavanoids, terpenes and steroids; synthetic methods; mechanism and applications; design of complex syntheses.

* Only students who have taken Part A of Structure, Mechanism and Synthesis may attend the course for Part B.

The subjects offered are:

SO03. Organic Chemistry III.

A Group C(1) subject. Units 1, 2 and 3.

SO13. Organic Chemistry IIIA.

A Group C(2) subject. Units 1 and 2, and the units in Physical and Inorganic Chemistry on Thermodynamics and Inorganic Reaction Mechanisms.

SO23. Organic Chemistry IIIB.

A Group C(2) subject. 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. Units 1 and 2, and the 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 units from the above list together with one terms' work in another 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).

Eliel, E. L., *Stereochemistry of carbon compounds*, International student edition (McGraw-Hill).

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* (Interscience).

Gould, E. S., *Mechanism and structure in organic chemistry* (Holt).

Streitwieser, A., Jr., *Molecular orbital theory for organic chemistry* (Wiley).

Budzikiewicz, H., and others, *Interpretation of mass spectra of organic compounds* (Holden Day).

Mislow, K., *Introduction to stereochemistry* (Benjamin).

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.

SA71. 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.

Text-books: Appropriate programming manuals.

THIRD-YEAR SUBJECT IN COMPUTING SCIENCE.

SA03. Computing Science IIII.

A Group C(3) subject.

Pre-requisite subject: Applied Mathematics II (SM12) at Division I or higher standard. In addition, a working knowledge of FORTRAN is required.

The subject will comprise four or five lectures and two tutorial classes per week. It will consist of four units given in the Department and two units given in the Mathematics Department.

First term: Information Structures. Vectors and Tensors (Mathematics, Unit 3).

Second term: Two of the following: Numerical Analysis; Systems Investigations; Systems Programming.

Third term: Mathematical Models II (Mathematics, Unit 13). Mathematical Programming.

Text-books:

- Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).
 Gregory, R. H., and van Horn, R. L., *Automatic data processing systems* (Chatto and Windus).

Reference books:

- Grabbe, E. M., Ramo, S., and Wooldridge, D. E., *Handbook of automation, computation and control*, vols. 1 and 2 (Wiley).
 Flores, I., *Computer software* (Prentice-Hall).
 Hadley, G., *Nonlinear and dynamic programming* (Addison-Wesley).
 Hilderbrand, F. B., *Introduction to numerical analysis* (McGraw-Hill).
 Ralston, A., and Wilf, H. S., *Mathematical methods for digital computers* (Wiley).

In addition text and reference books prescribed for Units 3 and 13 in the Mathematics Department should be consulted.

FOR THE DIPLOMA IN COMPUTING SCIENCE.

There are two alternative courses in Computing Science for the diploma, namely Course A and Course B. Intending students should seek an interview with a member of the staff of the Department of Computing Science before selecting the course which he wishes to take.

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.

About 50 lectures 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).

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.

About 50 lectures 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.

About 40 lectures 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. *PERT/TIME reference manual*.

Control Data Corporation. *SIMSCRIPT 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

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.

The course will comprise the following subjects:—

SA44. Computer Mathematics.

About 50 lectures on elements of computing, basic symbolic logic and Boolean expressions, equations and inequations, functions and their graphs, matrices, elements of differential calculus, elements of statistics and basic operations research techniques.

Text-book:

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Reference books:

Goodstein, R. L., *Boolean algebra* (Pergamon).

Duckworth, W. E., *A guide to operations research* (Methuen).

Moroney, M. J., *Facts from figures* (Penguin Books).

SA54. Programming Languages B.

About 50 lectures on computer design, machine languages, assemblers and translators, executive and monitor systems, aspects of multi-programming, compilers and problem-oriented languages and systems.

Text-books, etc.: As for (SA14) Programming Languages A.

SA64. Data Processing.

About 40 lectures on data processing system analysis, design and application; equipment analysis and selection; system implementation; non-numerical data processing; and operations research applications in data processing.

Text-books:

Gregory, R. H., and Van Horn, R. L., *Automatic data processing systems* (Chatto and Windus).

Optner, S. L., *System analysis* (Prentice-Hall).

Reference books and journals:

Grabbe, E. M., Ramo, S., and Wooldridge, D. E., *Handbook of automation, computation and control*, Vols. 1 and 2 (Wiley).

Association for Computing Machinery. *Communications*.

The Computer Journal.

Australian Computer Society. *Journal*.

Gatto, O. T., *AUTOSATE* (Rand Corporation).

Projects.

(See syllabus SA34 above.)

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 Applied Mathematics III (SM13) and other prescribed courses 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 (from 1969 onwards): a pass in Biology (SZ71) or Botany I (SB01) or Zoology (SZ01) and a pass in Mathematics IS (SM71) or Mathematics I (SM01).

PART A. One lecture, two hours practical work and one hour tutorial a week for three terms, dealing with general genetics.

Mendelian inheritance. Quantitative inheritance and its particulate basis. 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. Breeding systems.

PART B. One lecture and a two-hour practice class a week for three terms.

QUANTITATIVE BIOLOGY. An introduction to the statistical analysis of quantitative data in the biological sciences: Graphical representation of numerical data. Populations and samples. Mean and variance. Probability. Binomial, Poisson and normal frequency distributions. Tests of significance. Chi-squared. Small samples and t-test for comparison of means of two samples. Variance-ratio (F) test, correlation, regression, analysis of variance.

HUMAN GENETICS. Methodology; pedigrees; dominant, recessive sex-linked inheritance. Single factor segregation and methods of ascertainment. Mutation. Twin studies. Gene frequency analysis. Blood and serum groups. Inborn errors of metabolism. Genetical counselling; consanguinity. Environment-gene interactions. Linkage and association. The human karyotype. Genetics and medicine.

POPULATION AND BIOMETRICAL GENETICS. Genetic variation and its conservation in random mating populations. Inbreeding and outbreeding. Artificial and natural selection. Quantitative inheritance. Breeding value. Genetic components of variance. Heritability. Mass selection. Plant and animal improvement by selective breeding.

Text-books:

- Carter, C. O., *Human heredity* (Pelican).
 Dowdeswell, W. H., *The Mechanism of evolution* (Heinemann).
 Mather, K., *Statistical analysis in biology* (Methuen).
 or
 Bailey, N. T. J., *Statistical methods in biology* (E.U.P.).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Mendel, G., *Experiments in plant hybridisation* (Oliver & Boyd).
 Srb, A. M., Owen, R. D., and Edgar, R. S., *General genetics* (Freeman).

Reference books:

- Darlington, C. D., and Mather, K., *Elements of genetics* (Allen and Unwin).
 Falconer, D. S., *Introduction to quantitative genetics* (Oliver & 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.).
 Moroney, M. J., *Facts from figures* (Pelican).
 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).
 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).
 Penrose, L. S., *Outline of human genetics* (Heinemann).
 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).
 Catcheside, D. C., *Genetics of micro-organisms* (Pitman).
 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.).
 Fincham, J. R. S., and Day, P. R., *Fungal genetics*, 2nd edition (Blackwell).
 Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).
 Fisher, R. A., *The theory of inbreeding*, 2nd edition (Oliver and Boyd).
 Ford, E. B., *Ecological genetics* (Methuen).
 Goldschmidt, E., (ed.), *The genetics of migrant and isolate populations* (Williams and Wilkins).
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
 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).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Mather, K., *Biometrical genetics* (Methuen).
 Mather, K., *Human diversity* (Oliver and Boyd).
 Mayr, E., *Animal species and evolution* (Columbia U.P.).
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).
 Penrose, L. S., (ed.), *Recent advances in human genetics* (Heineman).

- Pontecorvo, G., *Trends in genetic analysis* (Columbia U.P.).
 Race, R. R., and Sanger, R., *Blood groups in man*, 4th edition (Blackwell).
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).
 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).
 Watson, J. D., *Molecular biology of the gene* (Benjamin).
 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) in the first year Science course.

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 eight lectures and practical classes, dealing with aspects of genetics and evolution, as part of Botany II (SB02) and 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 four excursions to places of geological interest near Adelaide.

Text-books:

- Read, H. H., and Watson, J., *Introduction to Geology*, vol. 1 (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).

SG02. 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 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.

Palaeontology: Nature of organic remains; palaeontological methods; the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Not less than six hours a week.

Crystallography: Symmetry of crystals and lattices.

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.

Palaeontology: 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).

*Brouwer, A., *General palaeontology* (Oliver and Boyd).

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).

Hill, D., and Denmead, A. K. (ed.), *The geology of Queensland* (M.U.P., 1960).

Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill, 1961).

Spry, A., and Banks, M. R., *The geology of Tasmania* (Geol. Soc. Aust. Journal, vol. 9, part 2, 1962).

Bloss, F. D., *An introduction to the methods of optical crystallography* (Holt, Rinehart and Winston, 1961).

* These are also Geology III texts.

THIRD-YEAR SUBJECTS IN GEOLOGY AND PALAEOLOGY.

Pre-requisite subjects for Geology III, Geology IIIA, Geology IIIB: Geology II (SG02) at Division I pass or higher standard; Physical and Inorganic Chemistry II (SC02) or Chemistry II (SC12) or Physics II (SP02). A candidate may be permitted to proceed to Geology III or Geology IIIB without the pre-requisite Physical and Inorganic Chemistry II or Chemistry II or Physics II subject to the approval of the Head of the Department of Geology (obtained in writing through the Academic Registrar).

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.
2. **PETROLOGY:** Second term. The characteristics and origin of the principal associations of igneous and metamorphic rocks.
3. **STRUCTURAL GEOLOGY AND GEOPHYSICS:** First term. The characteristics and origin of geological structures on all scales as determined by geological and geophysical evidence.
4. **STRATIGRAPHY:** Second term. Principles of stratigraphy and historical geology.
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.
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.
8. **GEOCHEMISTRY B:** Third term. Applications of phase rule studies and thermodynamics to petrogenesis. Study of geochemical differentiation processes.
9. **PALAEONTOLOGY A:** First term. General palaeontology and micropalaeontology.
10. **PALAEONTOLOGY B:** Second term. Invertebrate palaeontology.
11. **PALAEONTOLOGY C:** Third term. Vertebrate palaeontology and palaeobotany.

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 may be taken only with Physical and Inorganic Chemistry IIIF.

SG33. Geology IIIB (Geology and Geochemistry).

A Group D subject. Units 1, 2, 3, 4, 5, 6, 7, 8.

This subject may be taken together with (a) the units in Physical and Inorganic Chemistry on Quantum Chemistry, Molecular Spectra, Thermodynamics, and Reaction Kinetics and Mechanisms or (b) Mathematical Statistics I in lieu of two subjects in Group C.

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 one term's work in another department. Pre-requisites will depend on the combination of units approved.

SG13. Palaeontology.

A Group D 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.

Field Geology—At least one week will be spent on geological mapping. Excursions to localities of special interest may be arranged.

Text-books (for Geology III, IIIA, IIIB):

Barth, T. F. W., *Theoretical petrology*, 2nd edition (Wiley).

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by C. S. Hurlbut (Wiley).

Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper).

Donovan, D. T., *Stratigraphy* (Murby).

Park, C. F., and MacDiarmid, R. A., *Ore deposits* (Freeman).

Krauskopf, K., *Introduction to geochemistry* (McGraw-Hill).

Deer, W. A., and others, *An introduction to the rock-forming minerals* (Longmans).

Heinrich, W. M., *Microscopic identification of minerals* (McGraw-Hill).

Reference books (for Geology III, IIIA, IIIB):

Hatch, F. H., and others, *Petrology of the igneous rocks*, 12th edition (Murby).

Winkler, H. G. F., *Petrogenesis of metamorphic rocks* (Springer).

Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation*, 2nd edition (Freeman).

Mason, B., *Principles of geochemistry*, 2nd edition (Wiley).

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology*, 2nd edition (McGraw-Hill).

Turner, F. J., and Weiss, L. E., *Structural analysis of metamorphic tectonites* (McGraw-Hill).

Rayner, D. H., *Stratigraphy of the British Isles* (C.U.P.),

Sitter, L. U. de, *Structural geology*, 2nd edition (McGraw-Hill).

Additional references for Geology IIIA, IIIB only

Bragg, W. L., *Atomic structure of minerals* (Cornell U. P.).

Evans, R. C., *Introduction to crystal chemistry*, 2nd edition (C.U.P.).

Fyfe, W. S., *Geochemistry of solids* (McGraw-Hill).

Text-books (for Palaeontology):

Brouwer, A., *General palaeontology* (Oliver and Boyd).

Moore, R. C., and others, *Invertebrate fossils* (McGraw-Hill).

Colbert, E. H., *Evolution of the vertebrates* (Wiley).

Ager, D. V., *Principles of palaeocology* (McGraw-Hill).

Delevoryas, T., *Plant diversification* (Holt, Rinehart and Winston).

Reference books (for Palaeontology):

Pokorny, V., *Principles of zoological micropalaeontology* (Pergamon Press).

Delevoryas, T., *Morphology and evolution of fossil plants* (Holt, Rinehart and Winston).

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.

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, quantum 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, normal and Poisson distributions, significance tests; experimental design; simple linear regression.

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).

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) and Applied Mathematics II (SM12).

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.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd 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).

Hyslop, J. M., *Infinite series* (Oliver and Boyd).

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.).

Beaumont, R. A., *Linear algebra* (Harcourt, Brace and World).

Reference books:

McDuffie, C. C., *Theory of equations* (Wiley).

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.

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:

- Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).
 Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).
 Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).

Reference books:

- Kreyszig, E., *Advanced engineering mathematics* (Wiley).
 Hoel, P. G., *Introduction to mathematical statistics* (Wiley).
 Brand, L., *Advanced calculus* (Wiley).

THIRD-YEAR SUBJECTS IN MATHEMATICS.

Pre-requisite subjects:

For Pure Mathematics III: A pass in Pure Mathematics II (SM02) at Division 1 or higher standard.

For Applied Mathematics III: A pass in Pure Mathematics II (SM02); and a pass in Applied Mathematics II (SM12) at Division 1 or higher standard.

For Engineering Mathematics III: A pass in Applied Mathematics II (SM12) at Division 1 or higher standard.

For Honours Mathematics III: Passes in Pure Mathematics II (SM02) and *either* Applied Mathematics II (SM12) *or* Mathematical Statistics I (ST02), each at Division 1 or higher standard. A student wishing to take this course must first consult the Head of the Department.

All subjects assume an elementary knowledge of computer programming.

The department 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		
5. REAL ANALYSIS I	}	Second term
6. LINEAR SPACES		
7. NUMERICAL ANALYSIS		
8. DIFFERENTIAL EQUATIONS		
9. REAL ANALYSIS II	}	Third term
10. ALGEBRA II		
11. GEOMETRY		
12. MATHEMATICAL MODELS I		
13. MATHEMATICAL MODELS II		

The subjects offered are:

SM03. Pure Mathematics III.

A Group C(1) subject. Units 1, 2, 5, 6, 9 and *either* 10 *or* 11.

(If unit 1 is offered in another subject, unit 4 must be substituted for it.)

SM13. Applied Mathematics III.

A Group C(1) subject. Units 1, 3, 7, 8, 12, 13.

(If unit 1 is offered in another subject, unit 4 must be substituted for it.)

SM94. Mathematics III (Engineering).

Available only to Engineering students. Units 3, 7, 13.

SM08. Honours Mathematics III.

A Group D subject. The subject comprises such parts of Pure Mathematics III, Applied Mathematics III *or* Mathematical Statistics II, and other courses, as the Head of the Department shall prescribe. Courses offered by the Departments of Computing Science and Mathematical Physics may be included, with the permission of the Head of the Department of Mathematics.

Preliminary reading:

Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman) (units 2, 6, 10).

Text-books:

- Knopp, K., *Theory of functions, part I*, tr. Bagemihl (Dover) (unit 1).
 Apostol, T., *Mathematical analysis* (Addison-Wesley) (units 1, 5, 9).
 Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan) (units 2, 6, 10, 11).
 Spiegel, M. R., *Vector analysis* (Schaum) (unit 3).
 Feller, W., *An introduction to probability theory and its applications* (Wiley) (unit 4).
 Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley) (unit 7).

Reference books:

- Mitrinovic, D. S., *Functions of a complex variable* (Noordhoff) (unit 1).
 Mitrinovic, D. S., *Calculus of residues* (Noordhoff) (unit 1).
 Moore, J. T., *Elements of abstract algebra* (Macmillan) (units 2, 10).
 Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall) (unit 3).
 Jeffreys, H., *Cartesian tensors* (C.U.P.) (unit 3).
 Rutherford, D. E., *Vector methods* (Oliver and Boyd) (units 3, 12).
 Spain, B., *Tensor calculus* (Oliver and Boyd) (unit 3).
 Loève, M., *Probability theory*, 3rd edition (Van Nostrand) (unit 4).
 Boas, R. P., *A primer of real functions* (Carus Mathematical Monographs, 13) (Wiley) (units 5, 9).
 Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.) (units 5, 9).
 Ayres, F., *Theory and problems of matrices* (Schaum) (unit 6).
 Mitrinovic, D. S., *Elementary matrices* (Noordhoff) (unit 6).
 Thrall, R. M., and Tornheim, L., *Vector spaces and matrices* (Wiley) (unit 6).
 Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley) (unit 7).
 National Physical Laboratory, Mathematics division, *Modern computing methods* (H.M.S.O.) (unit 7).
 Elsgolts, L. E., *Calculus of variations* (Pergamon) (units 8, 12).
 Epstein, B., *Partial differential equations* (McGraw-Hill) (unit 8).
 Margenau, H., and Murphy, G. M., *The mathematics of physics and chemistry* (Van Nostrand) (units 8, 12).
 Petrovskii, I. G., *Ordinary differential equations* (Prentice-Hall) (unit 8).
 Rabenstein, A., *Introduction to ordinary differential equations* (Academic Press) (unit 8).
 Blumenthal, L. M., *A modern view of geometry* (Freeman) (unit 11).
 Coxeter, H. S. M., *Introduction to geometry* (Wiley) (unit 11).
 Fishback, W. T., *Projective and Euclidean geometry* (Wiley) (unit 11).
 Berge, C., and Ghouila-Houri, A., *Programming, games and transportation networks* (Wiley) (unit 12).
 Coulson, C. A., *Waves* (Oliver and Boyd) (unit 12).
 Filonenko-Borodich, M., *Theory of elasticity* (Noordhoff) (unit 12).
 Kaplan, W., *Operational methods for linear systems* (Addison-Wesley) (units 12, 13).
 Lamb, H., *Hydrodynamics* (Dover: C.U.P.) (unit 12).
 Miller, K. S., *Partial differential equations in engineering problems* (Prentice-Hall) (unit 12).
 Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd) (unit 12).
 Saaty, T. L., *Mathematical methods of operational research* (McGraw-Hill) (unit 12).

Sokolnikoff, I. S., *Mathematical theory of elasticity* (McGraw-Hill) (unit 12).

Spivey, W. A., *Linear programming: an introduction* (Macmillan) (unit 12).

Crandall, S. H., *Engineering analysis* (McGraw-Hill) (unit 13).

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 (SM23) 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, *6000 series computer systems, Chippewa operating system 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 (SM22) 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 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. Tests of goodness of fit, contingency tables, discrete distribution, transformations of binomial data, probits, etc., tests of hypotheses, inference.

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:

Hogg, R. V., and Craig, A. T., *Introduction to mathematical statistics* (Macmillan).

Tucker, H. G., *An introduction to probability and mathematical statistics* (Academic Press).

Anderson, R. L., and Bancroft, T. A., *Statistical theory in research* (McGraw-Hill).

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).

Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).

Fisz, M., *Probability theory and mathematical statistics* (Wiley).

Graybill, F. A., *An introduction to linear statistical models*, volume 1 (McGraw-Hill).

Kendall, M. G., and Stuart, A., *The advanced theory of statistics*, volumes 1 and 2 (Griffin).

Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).

Parzen, E., *Modern probability theory and its applications* (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).

Plackett, R. L., *Principles of regression analysis* (Oxford).

Hannan, E. J., *Time series analysis* (Methuen).

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 carry out a selection of statistical computations to be programmed and run by them on the computer, with the results recorded in a report. Work on this begins in the Department in the first week of February, and should be completed by the end of the second term.

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 units:

1. **GENERAL MICROBIOLOGY:** First term. 18 lectures, 9 tutorials, 100 hours' practical.

The course in first term illustrates that microorganisms share with other forms of life, many common features of structure, development and function. An introduction to the general morphological, physiological and metabolic activities of bacteria will be given, followed by a more detailed consideration of the synthesis, structure and biological properties of various macromolecules found in bacteria.

2. **IMMUNOLOGY:** Second term. 18 lectures, 9 seminars and tutorials, 54 hours' practical.

The aim of the course during second term is to acquaint the student with the basic principles and concepts of mechanisms of immunity, with particular emphasis on their general importance to fundamental biology. A comparative examination of immunological mechanisms in various species of animals will be made, leading to an evolutionary sequence of increasing complexity in systems responsible for recognition and disposal of foreign substances and control of bacterial infections. The importance in biology of the reaction between complementary patterns will be considered, with particular reference to antigen-antibody reactions. Finally, the development of the mechanism of antibody synthesis in mammals will be discussed in connection with the past and present current research in this field.

3. **MOLECULAR BIOLOGY OF BACTERIA AND THEIR VIRUSES:** Third term. 11 lectures, 18 tutorials, 100 hours' practical.

During third term the aim of the course is to consider the recent discoveries that have been made in the molecular biology of bacteria and their viruses and

how these are related to the molecular biology of all cells. In particular, regulation of protein synthesis, the mechanism of DNA replication and studies of genetic fine structure based on recombination in bacteria and their viruses will be discussed in some detail.

The subjects offered are:

SK03. Microbiology.

A Group C(1) subject. Units 1, 2, 3.

SK13. Microbiology A.

A Group C(2) subject. Units 1, 2 and, with the approval of the Heads of Departments concerned, a term's work in another department.

SK23. Microbiology B.

A Group C(2) subject. Units 1, 3 and, with the approval of the Heads of the Departments concerned, a term's work in another department.

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-book (for all subjects):

Stanier, R. Y., and others, *Microbial world*, 2nd edition (Prentice-Hall).

Additional text-book for Microbiology A:

Humphrey, J. H., and White, R. G., *Immunology for students of medicine* (Blackwell).

Additional text-books for Microbiology B:

Stent, G. S., *Molecular biology of bacterial viruses* (Freeman).

Hayes, W., *The genetics of bacteria and their viruses* (Blackwell).

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 Physics IV (Honours). 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. Physics A.

Fourth Year: Physics IV (Honours).

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, particles and fields.

The following books are recommended:

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).

Feynman, R. P., Leighton, R. B., and Sands, M., *The Feynman lectures on physics*, 3 vols. (Addison-Wesley).

SP02. Physics II.

Pre-requisite subjects: Mathematics I (SM01); and Physics I (SP01) at Division I or higher standard *or*, in exceptional circumstances, and with the special approval of the Professor of Physics, General Physics (SP71) (given for the last time in 1967).

The course comprises three lectures 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):

- Bleaney, B. I., and Bleaney, B., *Electricity and magnetism* (O.U.P.).
 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).
 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 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).
 Ditchburn, R. W., *Light*, 2nd edition (Blackie).
 Pippard, A. B., *Elements of classical thermodynamics* (C.U.P.).
 Eisberg, R. M., *Fundamentals of modern physics* (Wiley).
 Burcham, W. E., *Nuclear physics* (Longmans).
 Stone, J. M., *Radiation and optics* (McGraw-Hill).
 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).
 Dekker, A. J., *Solid state physics* (Macmillan).
 Stephenson, G., and Kilmister, C. W., *Special relativity for physicists* (Longmans).
 Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

SP99. Physics IV (Honours).

Pre-requisite subjects: Applied Mathematics III (SM12) 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.

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 18 hours' lectures and 54 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; and two of 3, 4, 7, 8; and two of 5, 6, 9, 10.

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 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).
 Trigg, 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 subject: Physiology II (SS03).

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).

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*, *Fascolia*, *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 20th in the year in which they wish to begin Zoology II.

During the first term and for the first three weeks of second term there are three lectures a week and eight hours' practical work each week. For the remainder of the second term and during the third term this is reduced to two lectures a week and six hours of practical work.

The course includes the following subjects: cellular physiology; selected topics in environmental physiology; speciation and the evolution of phyla; principles of taxonomy; zoogeography; and quantitative biology (a special course offered by the Department of Genetics). Topics are selected for their relevance to the ecology and physiology that is taught in Zoology III (SZ03).

Reference books:

Borradaile, L. A., and others, *The invertebrata*, 4th edition (C.U.P., 1961).
 Cain, A. J., *Animal species and their evolution* (Hutchinson).
 Giese, A. C., *Cell physiology*, 2nd edition (Saunders).
 Romer, A. S., *The vertebrate body* (Saunders).
 Simpson, G. G., *The meaning of evolution* (Yale U.P.).

- Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).
 Hyman, L. H., *The invertebrates*, Vols. 1-5 (McGraw-Hill).
 Dakin, W. J., *The Australian sea shores* (Angus and Robertson).
 Marshall, A. J., *Biology and comparative physiology of birds*, vols. 1 and 2 (Academic Press).
 Parker, T. J., and Haswell, W. A., *A text-book of zoology*, vol. 2, 7th edition. Revised by A. J. Marshall (Macmillan).
 Scott, T. D., *The marine and freshwater fishes of South Australia* (Government Printer, Adelaide).
 Saunders, J. T., and Manton, S. M., *A manual of practical vertebrate morphology*, 3rd edition (O.U.P.).
 Welty, C. J., *The life of birds* (Saunders).
 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 courses, 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** (a unit 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. Units 1, 2, 3.

SZ13. Zoology IIIA.

A Group C(1) subject. Units 2, 3, 4.

SZ23. Zoology IIIB.

A Group C(1) subject. Units 1, 3, 4.

SZ33. Zoology IIIC.

A Group D subject. Units 1, 2, 3, 4.

SZ43. Zoology IIIM.

A Group C(3) subject. With the approval of the Heads of the Departments concerned, a combination of two units from the above list (two terms' work), together with one term's work in another department.

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.

A course consisting of two lectures 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 or IIIC who wish to take an Honours degree in Zoology should consult the Professor some time during the third year. They will be expected to attend a field camp immediately after their third-year examinations.

Students enrolled in Zoology IIIM will not necessarily be precluded from taking an Honours degree, but they should consult the Professor before completing their enrolment in the subject.

Candidates are expected to attain a higher standard in general zoology than that required for the Ordinary Degree. In addition they are expected to study more deeply one branch of zoology, and to carry out research work as an exercise in scientific method.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Students may be expected to attend such lectures and pass such examinations as the Professor may require.

A course of reading, which should be commenced during the long vacation before the honours year, will be prescribed by the Professor.

All candidates will be expected to acquire reading knowledge of an approved foreign language during the year unless they are already familiar with two such foreign languages.

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:

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.)

Zimmermann, E. W., *World resources and industries* (Harper).

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.

AY82. Psychology I (S).

The course is designed (i) to provide a study of fundamental psychological processes, and (ii) to include a course of lectures lasting throughout the year on Comparative and Physiological Psychology.

The topics covered under (i) will include learning, perceiving, thinking and remembering, motivation and emotion and, while emphasis will be placed on contemporary behaviour theories, there will be of necessity some historical orientation.

The topics covered under (ii) will include a phylogenetic comparison of animal behaviour, an introduction to neuropsychology and the physiological and biochemical bases of behaviour. A series of lectures on psychopharmacology.

There will be 3 hours of lectures, 1 hour tutorial, 1 hour statistics (during the first and second terms only), and 4 hours laboratory practical work a week.

Preliminary reading:

- Hebb, D. O., *A text-book 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:

- Altman, J., *Organic foundations of animal behaviour* (Holt, Rinehart and Winston).
Bartley, S. H., *Principles of perception* (Harper).
Deese, J. E., and Hulse, S. H., *The psychology of learning*, 3rd edition (McGraw-Hill).
Forgus, R. H., *Perception* (McGraw-Hill).
Garner, W. R., *Uncertainty and structure as psychological concepts* (Wiley).

- Gourevitch, V., *Statistical methods: a problem solving approach* (Allyn and Bacon).
- Green, D. M., and Swets, J. A., *Signal detection theory and psychophysics* (Wiley).
- 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).
- Stevens, C. F., *Neurophysiology—a primer* (Wiley).
- Thompson, R. F., *Foundation of physiological psychology* (Harper and Row).
- Thorpe, W. H., *Learning and instinct in animals* (Methuen).
- Waters, R. H., and others, *Principles of comparative psychology* (McGraw-Hill).

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 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).
- Forgus, 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 in soils; air and water movement 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).
 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. The number of tutorial classes will be approximately one a week for three terms.

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 1968)

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.

0003. 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:

Accounting A Building (subjects for old courses) D (subjects for new courses) B Business Administration ... U Chemical Technology (subjects for old courses) I (subjects for new courses) H Civil Engineering (subjects for old courses) V (subjects for new courses) C	Electrical Engineering ... E Electronic Engineering ... L General Studies G Mathematics M Mechanical Engineering (subjects for old courses) J (subjects for new courses) K Metallurgy T Mineral Engineering ... N Pharmacy F Physics 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.

DEGREES OF BACHELOR OF TECHNOLOGY, BACHELOR OF
APPLIED SCIENCE AND BACHELOR OF PHARMACY

BACHELOR OF TECHNOLOGY (BUILDING TECHNOLOGY),

OLD COURSE.

FIRST YEAR.

(To be offered for the last time in 1968.)

TM81. General Mathematics.

The course comprises three lectures and one two-hour tutorial class a week. The syllabus comprises elementary calculus, algebra, trigonometry, plane analytic geometry and the mensuration of the simpler solids.

Reference books:

- Durell, C. V., and Robson, A., *Elementary calculus*, Vols. I and II (Bell); or
Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd edition (Addison-Wesley).
Castle, F., *Logarithmic and other tables*, 4 figures (Macmillan); or
Yarwood, T. M., and Castle, F., *Physical and mathematical tables*, 4 figures (Macmillan).
Barnes, E. S., and Robson, B. N., *Calculus—a first course* (Rigby).
Allendoerfer, C. B., and Oakley, C. O., *Principles of mathematics* (McGraw-Hill).

TP81. General Physics.

A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures, a tutorial, and three hours' practical work a week.

Subjects of examination:

General physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work.

Any one of the following books is suitable:

- Morgan, J., *Introduction to university physics*, vols. I and II (Allyn and Bacon).
Shortley, G., and Williams, D., *Principles of college physics* (Prentice-Hall).
Margenau, H., Watson, W. W., and Montgomery, C. C., *Physics—principles and applications* (McGraw-Hill).
FERENCE, M., LEMON, H. B., and STEVENSON, R. J., *Analytical experimental physics* (Chicago U.P.).
Sears, F. W., and Zemansky, M. W., *University physics* (Addison-Wesley).

TD01. Building Science I (T).

The course consists of one hour of lecture and one hour of practical work a week.

Properties and uses of materials: Building stones and reconstructed stone, limes, cements and plasters; pozzolans; aggregates; mortars; design of concrete mixes; clay bricks; fireclay products; bitumen, asphalt, coal tar; timber, growth, seasoning, grading, preserving; veneers and hardboard; glues; ferrous metals; non-ferrous metals; alloys; metal joining; electrolysis and corrosion; protection of metals; asbestos cement; insulative materials; plastics; paints; glass.

Text-book:

C.E.B.S., *Notes on the science of building*.

Reference books:

Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (English Universities Press).

Handisyde, C., *Building materials* (Architectural Press).

TD11. Building Construction and Drawing I.

Pre-requisite or concurrent subject: Architectural Drawing (I), or Architectural Drawing (IA), or Planning Practice (I).

A descriptive course in elementary building construction and drawing, consisting of one hour lecture and two hours of practical work 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.

A study of the basic building elements:—

(1) Walls; forces acting on buildings, types of foundations, footing design, strength of masonry walls, bond, thermal movement, moisture movement, exclusion of water from cavity walls, damp proofing, formation of openings, fireplace design, convector fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, triple (trussed) roofs, flat (timber) roofs and upper (timber) floors, trimming, eaves details, ceilings, roof coverings for low and high pitched roofs, roof plumbing, flashings, eaves, gutters.

(4) Joinery work; doors, types of doors, windows, functions, daylight, ventilation, view, sound insulation, etc., types of window.

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. I, 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.).

Reference books:

McKay, W. B., *Building construction*, Vols. 1, 2 and 3 (Longmans Green).

Davies, R. L. and Petty, D. J., *Building elements* (Architectural Press).

Sharp, W. Watson, *Australian methods of building construction and drawing. Building Act 1923-1953*.

The soils and geology of Adelaide and suburbs, Bulletin No. 32. S.A. Dept. of Mines (Govt. Printer).

TD21. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I or IA.

A course of lectures and instruction in obtaining from plans and specifications the quantities of materials and labour necessary in the construction of architectural and engineering structures.

The use of scales, figured dimensions, plans, sections, elevations, and detailed drawings in relation to Bills of Quantities.

System of taking off and billing quantities with full descriptive meaning in the following trades in a building contract: excavating, concrete footings and ground slabs, brickwork, carpentry, plastering, paving and painting.

Reference book:

Australian standard method of measurement of building works, 2nd edition (Institute of Quantity Surveyors, Australia).

TD81. Architectural Drawing I (T).

This course, which is of a practical nature, comprises six hours a week for the first term and three hours a week for the second and third terms.

Study is made of plane and solid geometric constructions and their representation in orthographic, axonometric, isometric and perspective projections.

Measured drawing and sketches of architectural detail as a means of recording existing building work.

Reference books:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

Sierp, A. F., *Perspective projection* (Sands and McDougall).

TD91. Free Drawing I (T).

The course consists of two hours of practical work throughout the year.

Lettering and layout of drawings. Outdoor sketching of buildings and their components.

Monochrome techniques.

Reference books:

Holme, G. (ed.), *Lettering today* (Studio).

Guptill, A. L., *Pencil drawing step-by-step* (2nd edition), (Reinhold 1959).

SECOND YEAR.

(To be offered for the last time in 1970.)

TM42. Applied Mathematics (T).

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.

Text-book:

Meriam, J. L., *Mechanics: part I Statics, part II Dynamics*, 2nd, combined edition (Wiley).

Reference books:

Singer, F. L., *Engineering mechanics*, 2nd edition (Harper).

Beer, F. P., and Johnston, E. R., *Mechanics for engineers* (Mc-Graw-Hill).

McLean, W. G., and Nelson, E. W., *Engineering mechanics* (Schaum Outline Series).

TD02. Building Science II (T).

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.

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: insitu 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.

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.

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.

Reference book:

- Australian standard method of measurement of building works*, 2nd edition (Institute of Quantity Surveyors, Australia).

TV12. Structures IA (T).

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.

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-book:

Clark, D., *Plane and geodetic surveying*, vol. 1, 1958 (Constable).

Reference books:

Chambers, *Shorter six figure mathematical tables*.

Clendinning, J.: *Principles of surveying* (Blackie).

Clendinning, J., *Principles and use of survey instruments* (Blackie).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959)

TD82. History of Building.

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.

Reference is made to the styles of Architecture current in the periods under consideration, but 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.

Reference books:

Derry, T. K. and Williams, T. I., *A short history of technology* (Oxford).

Straub, H., *A history of civil engineering* (Leonard Hill).

THIRD YEAR

(To be offered for the last time in 1972.)

TD03. Building Science III (T).

Pre-requisite or concurrent subject: Building Science II (T).

Part A. Building Plant A.

The types, properties, uses and maintenance of plant. Ropes (fibre and steel), slings and hooks, ladders, scaffolding. Offices 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, prestressing equipment. Motors and engines. Large earth moving equipment. Transport vehicles.

Note: Visits to various building sites will be made.

Reference books:

Rossnagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act, 1912-1948* (N.S.W. Government Printing Office).

Kellogg, F. H., *Construction methods and machines* (Prentice-Hall).

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; hot and cold water supply; electrical and gas services; illumination; fire protection; vertical transportation.

Exercises, problems and calculations involved in the design of the above services and equipment.

Reference books:

Carrier, W. K. and others, *Modern air-conditioning, heating and ventilating* (Pitman).

Annett, F. A., *Electric elevators*.

S.A.A. *Lift code* (A.S. No. CA.3.).

S.A.A. *Wiring rules (Part I: Wiring methods—A.S. No. CCI Part I)*.

TD13. Building Construction and Drawing III.

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*.

Reference books:

Great Britain, Building Research Station, *Principles of modern building*, Vols. I and II (H.M.S.O.).

Road Research Laboratory, *Concrete roads* (H.M.S.O.).

Harris, A. J. and Morice, P. B., *Pre-stressed concrete* (Cement & Concrete Association).

Peck, R. B. and others, *Foundation engineering* (Wiley).

Wynn, A. E., *Design and construction of formwork* (Concrete Publications).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

TD33. Building Administration II.

Pre-requisite subject: Building Construction and Drawing II, Building Administration I.

Part A. Building Law A.

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout most of the exercises there is in view a co-ordination of the requirements of legislation and local practice of building construction. Exercises are worked in the checking of plans and specifications for compliance, and in the administration of the Act and regulations from the standpoint of the building surveyor.

Text-book:

The South Australian Building Act and Regulations, 1923-1946.

Reference books:

As for Building Construction and Drawing I.

Part B. Building Administration IIA.

The builder's office, yard and works for various size organizations; approximate administration staff for various size organizations; accounting sections—its duties and statistical reports, its wages make up, costing records, bank overdraft, guarantee and mortgages, etc.; filing systems; office machines; preparation of profit and loss and balance sheets; costing section—quantity surveyors, pricing and tendering, preparation of bills to be lodged, variations and extras, rise and fall control, material order lists, control of quotations relative to contract, labour targets,

checking costing against rates, establishing rates; purchasing section—ordering and planning purchases, stocks, stock control, allocation of stocks, P.C. sums and selections, delivery control, cartnote check against orders; employment section—awards and their interpretation, apprentices and their management, procuring labour, dismissal of labour, country work, country camps and their problems, estimating future labour requirements; general administration—foremen's meetings, staff meetings, control of supervision, control of plant, control of transport, control of contracts, preparation of time schedules, selection of work, fixed price contracts; fixed fee contracts, cost-plus contracts, schedule rates contracts, arbitration on contracts, building association, kindred and allied associations, insurances, pay roll tax, company law and registration of companies, audit and general taxation.

Reference books:

- Gillespie, J. J., *Training in foremanship and management* (Pitman).
 Hiscox, W. J., *Factory layout, planning and progress*.

Either

TD23. Quantity Surveying III.

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.

Reference books:

- Australian standard method of measurement of building works*, 2nd edition (Institute of Quantity Surveyors, Australia).
 Rimmer, E. J., and Duncan Wallace, I. N., *Hudson's building and engineering contracts* (Sweet and Maxwell).

Or

TU94. Supervision—Human Relations.

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).

Reference books:

- Spriegel, W. R., and others, *Elements of supervision* (Wiley).
 Sartain, A. Q., and Baker, A. W., *The supervisor and his job* (McGraw-Hill).
 Brown, M., *Effective supervision* (Macmillan).

and

TD43. Building Administration III.

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.

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 following 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.).

Reference books:

Urquhart, L. G., and others, *Design of concrete structures* (McGraw-Hill).

Gaylord, E. H. and Gaylord C. N., *Design of steel structures* (McGraw-Hill).

Gray, C. S., and others, *Steel designers' manual* (Crosby, Lockwood and Son).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

TD73. Estimating and Costing.

The costing system, time studies, analysis of costs, cost control, estimating data and realistic estimating applicable to building and civil engineering works.

Reference books:

Rea, J. T., *How to estimate* (Batsford).

Pulver, H. E., *Construction estimates and costs* (McGraw-Hill).

Geddes, S., *Estimating for building and civil engineering works* (Newnes).

Wynn, A. E., *Estimating and cost keeping for concrete structures* (Concrete Publications Ltd.).

TA83. Bookkeeping and Accounts.

The course consists of two hours of lectures a week throughout the year.

The accounting functions: planning and classification, recording, reporting, analysis and interpretation. The conventional basis of accounting doctrines and techniques.

The enterprise as a separate entity; the nature of proprietorship; sole traders, partnerships, limited liability companies. The nature of capital, sources of finance. The classification of assets and liabilities.

The accounting processes. The balance sheet. Subsidiary and classified records. Cash transactions and negotiable instruments. Accrual accounting.

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.

Reporting results. Short period incomes, including the assessment of expired costs and partially earned income.

An introduction to budgetary control, financial budgets, capital budgets.

Reference books:

- Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—a direct approach* (Cheshire).
 Grant, E. L., and Bell L. F., *Basic accounting and cost accounting* (McGraw-Hill).
 Brown S. R., *Costs and prices* (Law Book Co.).
 Paish, F. W., *Business finance* (Pitman).
 Heckert, J. B. and Willson, J. D., *Business budgeting and control* (Ronald).
 Crowningshield, G., *Cost accounting* (Houghton Mifflin).
Basic accounting for builders (New Zealand Master Builders' Federation).
 Goldberg and Hill, *The elements of accounting*.

BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING).

OLD COURSE.

FIRST YEAR

(To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

For syllabuses see Subject Index.

TI21. Chemistry IA.

A course of general chemistry available to students in the Faculty of Technology and Applied Science. The course, which is given annually, consists of two lectures and three hours' practical work a week throughout three terms of the year. In 1967 lectures and practical work will be given only at the South Australian Institute of Technology.

The scope and standard of knowledge required for the examination is indicated by the course of lectures which deals with selected topics including atomic and valence theory, structural chemistry, oxygen compounds, acids, transition metals, chemical thermodynamics, electro-chemistry, gases, liquids, solutions, phase rule and reaction kinetics.

The practical course uses quantitative analysis to illustrate the fundamental ideas of chemistry.

Text-books:

- Hiller, L. A., and Herber, R. H., *Principles of chemistry* (McGraw-Hill).
 [Students intending to proceed to Chemistry IIA (234) should replace Hiller and Herber, *Principles of chemistry*, by:
 Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).]

Reference books:

- Butler, J. N., *Solubility and pH calculations* (Addison-Wesley).
 Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).
 Moore, W. J., *Physical chemistry*, 4th edition (Longmans).
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).
 Lee, J. D., *Concise inorganic chemistry* (Van Nostrand).
 Ryschkewitsch, G. E., *Chemical bonding and the geometry of molecules* (Reinhold).

TK01. Engineering Mechanics I.

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; moment 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-books:

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Merriam, J. L., *Mechanics, Vol. I, Statics* (Wiley, 1959).

TV91. Civil Drawing I.

Pre-requisite: Registration.

The course consists of three hours of practical work a week. Use of slide rule; preparation of charts, graphs, and nomograms; sectioning and dimensioning; inter-penetration 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:

Students will be advised on reference books during the course.

TJ91. Workshop Practice IB.

A course of one lecture a week throughout the year and of three hours practical work a week for one term. The syllabus is the same as that for Workshop Practice I.

For text and reference books see syllabus for Workshop Practice I.

SECOND YEAR

(To be offered for the last time in 1970.)

TM71. Mathematics I (Engineering).

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.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 3rd edition (Addison-Wesley).

Reference books:

Benny, L. B., *Mathematics for students of engineering and applied science* (O.U.P.).

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Wylie, C. R., *Calculus* (McGraw-Hill).

TM42. Applied Mathematics (T).

For syllabus see Subject Index.

TV02. Structures I (T).

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics (T).

Lectures:—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,

Practical work:—Mechanical testing of materials. Application of lectures to design problems.

Text-books:

Warnok, F. V., and Benham, *Mechanics of solids and strength of materials* (Pitman).

Cassie, W. F., *Structural analysts* (Longmans).

Codes—as applicable.

Reference book:

Davis, H. E., Troxell, G. E., and Wiskoeil, C. T., *The testing and inspection of engineering*.

TV21. Surveying I (T).

Pre-requisite or concurrent subject: General Mathematics.

The course consists of 60 hours of lectures and 90 hours of practical and 30 hours of tutorials.

Lectures: The construction, adjustment and use of instruments, including levels, level compensation, theodolites, double image, subtense and diagrammatic methods of tacheometry. Chain surveys, levelling, traverses; measurement and setting out of earth works; 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 survey.

Practical work: Chaining, traversing detail survey, levelling, tacheometry, compass survey, place tabling, setting out works, adjustment of instruments; calculations and plans connected with the above.

B.Tech. students, civil engineering and surveying, will be required to attend a survey camp.

The examination will consist of two 3 hour written papers, a practical examination in the use of and adjustment of instruments, and the satisfactory completion of the practical programme.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable, 1958).

Reference books:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Clendinning, J., *Principles and use of survey instruments* (Blackie).

Clendinning, J., *Principles of surveying* (Blackie).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).

Dobrin, M. B., *Introduction to geophysical prospecting* (McGraw-Hill).

Chambers, *Shorter six figure mathematical tables*.

TC73. Hydraulics (T).

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.

Lectures: 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.

Practical work: Nine sessions in the laboratory covering measurement of flow and tests on hydraulic machinery.

Text-book:

Daugherty, R. L., and Franzini, J. B., *Fluid mechanics with engineering applications* (McGraw-Hill, 1954).

Reference Books:

Streeter, V. L., *Handbook of fluid dynamics* (McGraw-Hill).

Australian rainfall and run-off (The Institution of Engineers, Australia, 1958).

Davis, C. V., *Handbook of applied hydraulics* (McGraw-Hill).

TJ12. Engineering Drawing and Design II.

Pre-requisite subjects: Civil Drawing and Engineering Drawing and Design I. If *either* Structures I (T) *or* Strength of Materials (T) *or* Materials and Structures has not been passed, it must be taken concurrently.

The course consists of one hour of lecture and three hours of practical work a week throughout the year.

Lectures: The design of simple machine elements; general principles of detail design; the influence of manufacturing processes in design; thin cylinders; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; ball and roller bearings; spur gears (involute geometry); flat and vee-belt drives; rope and chain drives; lifting chains and ropes; springs; brakes; curved beams; thick cylinders.

Drawing Office: Sketching from engineering models; preparation of working drawings; project work covering the design and drawing of machine elements and simple assemblies.

Text-books:

Faires, V. M., *Problems on the design of machine elements*, 4th edition (Macmillan, 1955).

Faires, V. M., *Design of machine elements*, 4th edition (Macmillan, 1965).

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*.

Reference books:

Spotts, M. F., *Design of machine elements*, 3rd edition (Prentice-Hall, 1961).

Merritt, H. E., *Gears*, 3rd edition (Pitman, 1958).

Zozzora, F., *Engineering drawing*, 2nd edition (McGraw-Hill, 1958).

S.A.A. CBL-1952, *Boiler code*.

S.A.A. Int. 351, *Structural steel in building*.

B.S. 436: 1940, *Machine cut gears*.

THIRD YEAR

(To be offered for the last time in 1972.)

TV03. Structures II (T).

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.

Three design projects covering timber, concrete and steel construction.

Reference books:

As for Structures I (T). A reading guide will be supplied at the beginning of the course.

Standards Association of Australia, *Codes* (as applicable).

TV33. Civil Engineering A.

Pre-requisite subject: Structures I (T).

Lectures: Influence lines, statically indeterminate trusses, beams and frames, design of structures in steel and concrete, experimental methods.

Seminars (not restricted to topics related to Civil Engineering A).

Practical work: Design problems in conjunction with lectures.

Reference books:

Timoshenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill, 1965).

Kinney, J. S., *Indeterminate structural analysis* (Wesley).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley, 1963).

Urquhart, L. C., and others, *Design of concrete structures* (McGraw-Hill).

Matheson, J. A. L., *Hyperstatic structures*, vol. 1 (Butterworth).

Pippard, A. J. S., and Baker, J. F., *Analysis of engineering structures* (Arnold).

Cowan and Smith, *Design of reinforced concrete* (Angus and Robertson).

TV43. Civil Engineering B.

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).

Reference books:

Sherrard, H. M., *Australian road practice* (M.U.P.).

Troxell, G. E., and Davis, H.E., *Composition and properties of concrete* (McGraw-Hill).

Schultz, J. R., and Cleaves, A. B., *Geology in engineering* (Wiley, 1955).

Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal* (Wiley, 1954).

Babbitt, H. E., and Doland, J. C., *Water supply engineering* (McGraw-Hill, 1955).

Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).

Rudolff, W., *Industrial wastes* (Reinhold).

Nemerow, N. L., *Theories and practices of waste treatment* (Addison-Wesley).

S.A.A. Code No. CA2, 1963, *Concrete in building*.

F.S.I.W.A. Manuals of Practice Nos. 4, 5, 8 and 9. Relevant British Codes of Practice.

S.A.A. Code A.S. No. 77, *Aggregates for concrete*.

S.A.A. Code A.S. Nos. 100-110, 1957, *Methods of testing portland cement concrete*.

TD83. Methods of Construction and Management.

Pre-requisite or concurrent subject: Civil Engineering B.

A course of lectures dealing with management aspects of civil engineering construction and typical construction methods.

Part I. Management.—A study of management aspects of construction including:—Planning of construction, principles of organisation, contracts, personnel management, estimating, control costing and financial aspects.

Part II. Construction Methods.—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).

Reference Book:

Kellogg, F. H., *Construction methods and machinery*.

Antill, J. M., and Ryan, P. W. S., *Civil engineering construction* (Angus and Robertson).

TE83. Electrical Engineering IIA (T).

Pre-requisite subjects: General Mathematics and General Physics.

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: Based mostly on Electrical Engineering II (T) with inclusion of transducers, a.c. machines, rectifiers, to give a general service course for students not normally proceeding to Electrical Engineering III (T).

Laboratory work: Mostly as for Electrical Engineering II (T) with inclusion of transducers, a.c. machines, rectifiers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or

Hammond, S. B., *Electrical engineering* (McGraw-Hill) and

Skilling, H. H., *Electro mechanics* (Wiley).

Reference books:

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).

Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).

Langsdorf, A. S., *Principles of d.c. machines* (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 \$15 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.****FIRST YEAR**

(To be offered for the last time in 1968.)

TM81. General Mathematics.**TP81. General Physics.****TI21. Chemistry IA.****TV21. Surveying I (T).**

For syllabuses see Subject Index.

TJ11. Engineering Drawing.

Pre-requisite: Registration or Leaving Mathematics I and II.

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 relationships 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 interchangeability; axonometric projection; freehand sketching.

Text-books:

Zozzora, F., *Engineering drawing* (McGraw-Hill).

A.S.C.Z.I., 1966, *Australian standard engineering drawing practice*.

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.

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:

- Clark, D., *Plane and geodetic surveying*, Vols. 1 and 2, 1958.
Beers, Y., *Introduction to the theory of error* (Addison-Wesley, 1957).

Reference books:

- Higgins, A. L., *Higher surveying* (Macmillan).
Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).
Smart, W. M., *Combination of observations* (C.U.P.).
Great Britain, Admiralty, *Manual of hydrographic surveying* (H.M.S.O.).

TV92. Surveying Computations.

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*.

Reference book:

- Todhunter, I., and Leathem, *Spherical trigonometry* (Macmillan).

TD92. Town Planning Practice I.

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.

Reference books:

- Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).
Chaplin, F. S., *Urban land use planning* (Harper).
Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).
Gallion, A. B., and Eisner, S., *The urban pattern*, 2nd edition (Van Nostrand, 1963).
Gruen, V., and Smith, L., *Shopping towns, U.S.A.* (Reinhold).
Baker, G., and others, *Parking* (Reinhold).
Gooch, R. B., *The selection and layout of land for playing fields and playgrounds* (National Playing Field Assoc., London, H.M.S.O.).
Winston, D., *Sydney's great experiment* (Angus and Robertson).
Stephenson, G., and Hepburn, J. A., *Plan for the metropolitan region, Perth and Fremantle—Report* (W.A. Govt. Printing Office).
South Australia: Town Planning Committee, *Report on the metropolis of Adelaide* (S.A. Government Printer).
Wadham, S. M., Wood, G. L., and Wilson, R. K., *Land utilization in Australia*, 4th edition (M.U.P., 1964).
U.S.A. Urban Renewal Administration: Community Renewal guide No. 1, *Using computer graphics in community renewal* (Washington, 1963).

Selected readings will be indicated throughout the course from the planning journals, and selected zoning studies will be made available during the lectures.

Reference will also be made to the Town and Country Planning Summer Schools, 1956-1964, and Australian Planning Congress material.

TV82. Astronomy.

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:

- Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
- Roelofs, R., *Astronomy applied to land surveying* (Ahrend, 1950).
- Chapman, R. W., *Elements of astronomy for surveyors*, 6th edition, by J. B. Mackie (Griffin).
- Star almanac for land surveyors* (H.M.S.O.).

Reference books:

- The astronomical ephemeris* (current edition).
- Apparent places of fundamental stars* (current edition).
- Smart, W. M., *Foundations of astronomy* (Longmans, 1953).
- War Office, *Text-book of field astronomy* (H.M.S.O.).
- Smart, W. M., *Text-book on spherical astronomy* (C.U.P.), 1962.
- Feather, N., *Mass, length and time* (E.U.P., Penguin).

TD62. Applied Geology and Economic Geography.

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*.
- Aitchison, 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.

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.

A study of the basic building elements:—

(1) Walls; forces acting on buildings, types of foundations, footing design, strength of masonry walls, bond, thermal movement, moisture movement, exclusion of water from cavity walls, damp proofing, formation of openings, fireplace design, convactor fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, triples (trussed) roofs, flat (timber) roofs and upper (timber) floors, trimming, eaves details, ceilings, roof coverings for low and high pitched roofs, roof plumbing, flashings, eaves, gutters.

(4) Joinery work; doors, type of doors, windows, functions, daylight, ventilation, view, sound insulation, etc., types of window.

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.).

Reference books:

- McKay, W. B., *Building construction*, Vols. 1, 2 and 3 (Longmans Green).
 Davies, R. L. and Petty, D. J., *Building elements* (Architectural Press).
 Sharp, W., *Australian methods of building construction and drawing*.
Building Act 1923-1953 (S.A. Govt. Printer).
The soils and geology of Adelaide and suburbs, Bulletin No. 32. S.A. Dept. of Mines (Govt. Printer).

TC82. Survey Camp.

For syllabus see Subject Index.

THIRD YEAR

(To be offered for the last time in 1972.)

TV83. Soils Investigations.

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.

Lectures: Engineering geology; classification of soils; field methods of sampling and testing; standard tests; application of soils mechanics.

Practical work: Laboratory work covering soil classification and testing.

Text-books:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley or Chapman and Hall).

Schultz, J. R., and Cleaves, A. B., *Geology in engineering* (Wiley).

TV53. Land Surveying Design and Drafting.

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.

Reference books:

Robinson, A. H., *Elements of cartography* (Chapman and Hall, 1953).

Raisz, E., *General cartography* (McGraw-Hill, 1948).

Bishop, M. S., *Subsurface mapping* (Wiley).

TC83. Photogrammetry.

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.

Practical work based on lectures.

Reference books:

American Society of Photogrammetry, *Manual of photogrammetry*.

Gruber, O. von, *Photogrammetry collected lectures and essays* (Chapman and Hall).

Schwidetsky, K., *An outline of photogrammetry* (Pitman).

Kilford, W. K., *Elementary air survey* (Pitman).

Hallert, B., *Photogrammetry* (McGraw-Hill).

TC63. Geodesy.

Pre-requisite subjects: Mathematics I (Engineering), Surveying II, and Astronomy.

Lectures: 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 tacheometry; microwave distance measurements; geodetic theodolites.

Practical work: Three hours a week for three terms; field observations; computations concerned with problems as covered in lectures.

Text-books:

- Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
Bomford, G., *Geodesy* (O.U.P., 1962).

Reference books:

- Hosmer, G. L., *Geodesy* (Wiley, 1929).
Rainsford, H. F., *Survey adjustments and least squares* (Constable).
Whittaker, E. T., and Robinson, G., *Calculus of observations* (Blackie).
Heiskanen, W. A., and Vening-Meinesz, F. A., *The earth and its gravity field* (McGraw-Hill).
Lavrila, S., *Electronic surveying and mapping* (Ohio State University).

TV93. Surveying Law.

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.

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.

Reference books:

- Heap, D., *An outline of planning law* (Sweet and Maxwell).
The town planning and local government guide (Law Book Co.).

TV63. Land Valuation Principles and Practice.

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.

Reference books:

- Murray, J. F. N., *Valuation practice, problems and answers* (Commonwealth Institute of Valuers).
Collins, C. M., *Valuation, compensation and land tax* (Law Book Society).
Quarterly Journal of the Commonwealth Institute of Valuers, *The Valuer*, past issues.

TC73. Hydraulics (T).

For syllabus see Subject Index.

**BACHELOR OF TECHNOLOGY (ELECTRICAL
ENGINEERING).****OLD COURSE.****FIRST YEAR**

(To be offered for the last time in 1968.)

TM81. General Mathematics.**TP81. General Physics.****TI21. Chemistry IA.**

For syllabuses see Subject Index.

TE81. General Electrical Engineering.

Pre-requisite or concurrent subjects: General Mathematics, General Physics.

Lectures: One hour a week throughout the year.

A descriptive introduction to electrical and electronic engineering including its history, the development of power generation and distribution systems; the development of communications by cable, telephone and wireless; digital and analogue computers; the impact of electronics on other scientific activities, e.g., medical, chemical; control systems.

Elementary concepts in linear lumped circuit theory including A.C. circuits. A.C. and D.C. measurements. Elementary treatment of transmission lines. Comparison of distributed and lumped circuit theory.

Simple treatment of active circuit elements including mechanical/electrical conversion devices, vacuum triodes and transistors. An introduction to the cathode ray oscilloscope and its applications.

Tutorials: One hour a week during the second and third terms.

Demonstrations and tutorials to illustrate simple network concepts, laboratory work on simple electrical measurements, applications of simple machines, vacuum and semiconductor devices, visits to manufacturer's works, films.

Text-book:

Brookes, A. M. P., *Basic electric circuits* (Pergamon).

Additional reading will be recommended by the lecturer.

TJ11. Engineering Drawing.

For syllabus see Subject Index.

TJ31. Workshop Practice I.

This course is an introduction to workshop practices, and consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: Fundamentals of workshop organization, common operations and processes, pattern making, foundry work, machine shop practices, boiler-making, safety principles, standard hand tools and parts. Methods of fabrication, arc, gas, and spot welding; flame-cutting and hard surfacing; pressings and forgings. Demonstrations of more advanced machine shop techniques.

Reference books:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).

Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

Burghardt, H. D., and others, *Machine tool operation, Part I* (McGraw-Hill).

How to run a lathe (South Bend Works).

Ekey, D. C., and Winter W. P., *An introduction to foundry technology* (McGraw-Hill).

Australia. Department of Labour and National Service, *Lathe work* (McCarron Bird).

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).

Pre-requisite subjects: General Mathematics and General Physics.

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: Systems of units; standard symbols; circuit representation; circuit theorems; magnetic and electric fields; inductance; capacitance; transients; analogue computer for circuit simulation; electro-mechanical; power conversion; transmission; distribution, tariffs; d.c. machines; alternating currents; locus diagrams; polyphase systems; measurements; instruments; a.c. transformers.

Laboratory work: Circuit elements and networks on d.c. and a.c.; analogue computer simulation; instrument calibrations; d.c. machines; transformers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill) and

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Dawes, C. L., *Course in electrical engineering*, Vols. I and II (McGraw-Hill).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).

Skilling, H. H., *Electro mechanics* (Wiley).

Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).

TK32. Mechanical Engineering A (T).

Pre-requisite subjects: General Mathematics, General Physics, and Chemistry IA.

Fluid Mechanics: hydrostatics; buoyancy. stability. Kinematics of frictionless flow, streamlines, continuity.

Dynamics, Bernoulli theorem, vortex flow, stream function, circulation. General energy and momentum equations and applications.

Dimensional analysis. Laminar & Turbulent flow, similarity, boundary layer, mixing length. Flow in pipes, Moody chart. Flow around bodies. Open Channel flow. Flow measurement. Fundamentals of Turbo-machinery. Thermodynamics, temperature and heat, enthalpy, reversibility, Carnot Cycle, entropy, availability. Ideal gases, gas laws. Heat engine cycles, compressors. Vapours, steam and refrigerants. Steam and Refrigeration cycles. Psychrometry, Combustion. Heat Transfer, conduction, introductory convection, radiation. Mass transfer.

Text-books:

- Peck, W. J., and Richmond, A. J., *Applied thermodynamics problems*, 2nd edition (Arnold, 1962).
- Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition (Arnold).
- Pao, R. H. F., *Fluid mechanics* (Wiley).
- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans, 1963).
- Van Wylen, G. J., *Thermodynamics* (Wiley, 1959).

Reference books:

- Dossat, R. J., *Principles of refrigeration* (Wiley, 1961).
- Mikheyev, M., *Fundamentals of heat transfer* (Peace).
- Kay, J. M., *An introduction to fluid mechanics and heat transfer*, 2nd edition (Cambridge).
- Vennard, J. K., *Elementary fluid mechanics*, 4th edition (Wiley, 1961).
- Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).
- Faires, V. M., *Thermodynamics*, 4th edition (Macmillan, 1962).

TJ82. Strength of Materials (T.)

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.

Lectures: Elastic stress and strain; normal and shear stresses; plane stress; principal stresses and strains; Mohr's circle; mechanical properties of materials; testing of materials; failure of materials under combined stresses; failure theories; homogeneous straight beams; shear force and bending moment diagrams; normal and shear stresses; moment of resistance; built-up beams; deflection of beams; fixed end and continuous beams; columns, Euler's formula, empirical formulae, eccentric loading; torsion of round shafts including shear stresses and angular deflection; framed structures; elements of graphic statics; Maxwell's reciprocal diagrams; design of joints; tension and compression members; curved beams, torsion of non-circular sections, limit design; bending of beams by loads not in a plane of a principal axis; strain energy and its application to simple problems; stress concentration; elements of experimental stress analysis.

Practical work: Mechanical testing of materials of construction; application of work covered in lectures to design problems, with special emphasis on graphical and experimental solutions.

Text-book:

- Trathen, R. H., *Statics and strength of materials* (Wiley, 1954).

Reference books:

S.A.A. Codes:

- Metallic arc welding* S.A.A. Int. 352.
- Structural steel in building* S.A.A. Int. 351.
- Den Hartog, J. P., *Strength of materials* (McGraw-Hill).
- Shanley, F. R., *Strength of materials* (McGraw-Hill).
- Nash, W. A., *Schaums outline of theory and problem of strength of materials* (Schaum).
- Singer, F. L., *Strength of materials*, 2nd edition (Harper, 1962).

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).

Pre-requisite subjects: Electrical Engineering II (T) and Mathematics I (Engineering).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

A satisfactory pass in Electrical Engineering IIA (T) may be accepted in lieu of a pass in Electrical Engineering II (T).

Lectures: Transformers for use at low, audio, and high frequencies under steady state and transient conditions. Harmonic analysis and applications. Rotating machines in general and synchronous, induction and commutator types in particular; rectifiers and frequency changers; transmission lines, system stability, symmetrical components analysis.

Practical work: Based on lectures.

Text-books:

Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill); or Langsdorf, A. G., *Theory of alternating current machinery*, 2nd edition (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Lawrence, R. R., and Richards, H. E., *Principles of alternating current machinery* (McGraw-Hill).

Cotton, H., *Electrical technology*, 7th edition (Pitman).

TE73. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T), and Mathematics I (Engineering).

The course consists of one hour of lecture and three hours of practical work a week throughout the year.

Lectures: Theory of automatic control systems; application to position control (servo-mechanisms), velocity, acceleration and analogous quantities; transducers and power amplifiers; electro-mechanical analogues.

Practical work: Based on lectures, with tests on data transmission devices, rotating and magnetic amplifiers, electro-mechanical analogies, servo motors, complete control systems.

Text-books:

West, J. C., *Text-book of servomechanisms* (English Universities Press); or Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

Reference book:

Thaler, G. J., and Brown, R. G. *Analysis and design of feedback control systems*, 2nd edition (McGraw-Hill).

TL53. Applied Electronics.

Pre-requisite subjects: General Mathematics and Electrical Engineering II (T) or IIA (T).

Pre-requisite or concurrent subject: Mathematics I (Engineering).

The course consists of one hour of lectures and two hours of practical work a week throughout the year.

Lectures:

Fundamentals and electrical theory: Band theory—conductors, insulators and semiconductors; Average, Peak and RMS values; Simple RC, LR and LC networks; ideal transformers.

DC power generation: Vacuum, semiconductor and gas diodes; rectification; filtering.

Amplification: Triode, tetrode, beam tetrode, pentode, transistor; basic amplifier configurations; graphical and equivalent circuit analysis; cascaded amplifiers; amplifier response; feedback.

Generation of AC signals: Oscillators; class C power amplifiers; induction and dielectric heating; ultrasonics.

Controlled DC power: Thyatron; ignitron; silicon controlled rectifier; uni-junction; motor control; resistance welding; glow tube and zener diodes; simple shunt and series regulators.

Electronic timing: Time constants; simple DC and AC timers; sawtooth generators; electronic counters; stroboscope.

Computers: Operational amplifiers; logic circuits; multivibrators; storage devices; simple digital computer.

Transducers and special devices: Photo devices; varicaps; thermistors; voltage dependent resistors; ionization gauges; strain gauges.

Communication theory: Introduction to modulation and demodulation; an AM communication system.

Preliminary reading:

Hawker, J. P., and Reddihough, J. A., *Electronics pocket book* (George Newnes, 1963).

Text-book:

Romanowitz, H. A., *Fundamentals of semi-conductor and tube electronics* (Wiley).

Reference book:

Chute, G. M., *Electronics in industry* (McGraw-Hill).

TJ83. Machine Design.

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).

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International).

Marks, L. S., *Mechanical engineers handbook*, 6th edition (McGraw-Hill), British Standards:

Machine cut gears (Helical and Straight Spur) No. 436-1940.

Tuplin, W. A., *Machinery's gear design handbook*, 2nd edition (1950) (Machinery Publishing Co., London).

Merritt, H. E., *Gears*, 3rd edition (Pitman, 1958).

Bevan, T., *The theory of machines*, 3rd edition (Longmans).

TJ33. Workshop Practice II.

Pre-requisite subject: Workshop Practice I. A more advanced course in machine shop practice, consisting of lectures, practical work and demonstrations, with one hour of lecture and three hours of practical work a week throughout the year.

Lectures: Gearing theory; manufacture and methods of finishing; metal removal and metal forming; use of abrasives; heat treatment and procedures for steels, furnaces, hardness testing; oxy-welding, cutting and applications; electric welding, laying-out work; coolants and cutting compounds; cutting tool practice; form tools; broaches and broaching; fundamentals of toolmaking; types of tooling; gauges; presses and press-tools; production processes.

Reference books:

- Ford Trade School, *Shop theory* (McGraw-Hill).
 Burghardt, H. D., and others, *Machine tool operation*, Part II (McGraw-Hill).
 American Society of Tool Engineers, *Tool engineer's handbook* (McGraw-Hill).
 Jefferson, T. B., *The welding encyclopedia* (McGraw-Hill).
 Baty, *British standards for workshop practice* (British Standards Institution).
 Hume, K. J., *Engineering metrology* (Macdonald and Co.).
 Baker, H. Wright, *Modern workshop technology* (Clever Hume).
 Steeds, W., *Involute gears* (Longmans).
 Black, P. H., *Theory of metal cutting* (McGraw-Hill).

TT82. Engineering Materials.

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).

Reference books:

- Nord, M., *Text-book of engineering materials* (Wiley, 1952).
 Rollason, E. C., *Metallurgy for engineers* (Arnold, 1949).
 Sinnott, M. J., *The solid state for engineers* (Wiley, 1958).
 Goldman, J. E. (ed.), *The science of engineering materials* (Wiley, 1957).
 Leighou, R. B., *Chemistry of engineering metals* (McGraw-Hill).
 Norton, F. H., *Refractories* (McGraw-Hill).
Metals handbook, 1948 edition and 1961 edition (American Society of Metals).
 Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).
 Azaroff, L. V., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1963).
 Kingery, W. D., *Introduction to ceramics* (Wiley, 1960).

BACHELOR OF TECHNOLOGY (ELECTRONIC
ENGINEERING).

OLD COURSE.

FIRST YEAR

(To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

TI21. Chemistry IA.

TE81. General Electrical Engineering.

TJ11. Engineering Drawing.

TJ31. Workshop Practice I.

For syllabuses see Subject Index.

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.

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).

Reference books:

Fich, S., and Potter, J. L., *Theory of a-c circuits* (Prentice-Hall, 1958).

Angelo, E. J., *Electronic circuits*, 2nd edition (McGraw-Hill, 1964).

Zimmermann, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley, 1959).

Hakim, S. S., and Barrett, R., *Transistor circuits in electronics* (Iliffe, 1964).

TL82. Applied Electronics—(Short Course).

Pre-requisite or concurrent subjects: Electrical Engineering II (T) or IIA (T), and Communication Engineering I.

The course consists of one hour of lecture and two hours of practical work a week for the second and third terms only.

Lectures:

Power Supplies: Rectification; filtering; regulation; dc/dc conversion.

Power Control: Controlled rectification; power inversion.

Electronic Instruments: Basic principles of electronic instruments.

Transient Analysis: Introduction to fundamental principles of pulse circuits.

Computing amplifiers: Simple analogue computing amplifier circuits.

Energy Conversion: Principles and applications of photo-electric and electro-mechanical transducers; magnetic recording principles.

Practical work: Laboratory work on the above material.

Reference Books:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Carson, R. S., *Principles of applied electronics* (McGraw-Hill, 1961).

Lytel, A., *Industrial electronics* (McGraw-Hill, 1962).

Seely, S., *Electron tube circuits*, 2nd edition (McGraw-Hill, 1958).

Clement, P. R., and Johnson, W. C., *Electrical engineering science* (McGraw-Hill, 1960).

TP72. Electron Physics.

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.

Motion of charged particles in electric and magnetic fields: simple electron optics, cathode-ray tubes, cyclotrons, magnetrons, mass-spectrometers; photo-electricity and photo-electric cells; photo-multipliers, photo-transistors, television camera tubes; thermionic emitters; diode characteristics; electronic phenomena in metals and in semi-conductors; characteristics of triodes and multi-electrode valves; transistor parameters; noise phenomena in valves and transistors; electric discharges in gases; solid state physics; diode and transistor dielectrics; magnetism.

Text-book:

Millman, J., *Vacuum tube and semi-conductor electronics* (McGraw-Hill)

Reference books:

Van der Ziel, A., *Solid state physical electronics* (Macmillan).

Hemenway, C. L., and others, *Physical electronics* (Wiley).

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.

Pre-requisite subjects: Communication Engineering I and Mathematics I (Engineering).

The course consists of two hours of lectures, one hour tutorial and three hours of practical work a week throughout the year.

Lectures: Basic network theory; wave filters; transmission lines; antennas; propagation of electro-magnetic waves; wave guides; U.H.F. generators and receivers; information transmission concepts; modulation systems; a study of a communication system.

Practical: Laboratory experiments on the above subject matter.

Text-book:

Ryder, J. D., *Networks, lines and fields*, 2nd edition (Prentice-Hall, 1955).
Glazier, E. V. D., and Lamond, H. R. L., *The services text-book of radio*, vol. 5 (H.M.S.O.).

Reference books:

Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).
Jasik, H., *Antenna engineering handbook* (McGraw-Hill, 1961).
Kraus, J. D., *Antennas* (McGraw-Hill, 1950).
Atwater, H. A., *Introduction to microwave theory* (McGraw-Hill, 1962).
Reintjes, J. F., and Coate, G. T., *Principles of radar* (McGraw-Hill, 1952).
Schwartz, M., *Information transmission, modulation and noise* (McGraw-Hill, 1959).
Terman, F. E., *Electronics and radio engineering*, 4th edition (McGraw-Hill).
Thomson, J., *The services text-book of radio*, vol. 3 (H.M.S.O., 1955).

TE73. Automatic Control.

For syllabus see Subject Index.

TL63. Electronic Engineering Design.

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.

This subject consists of a series of lectures dealing with the design of certain pieces of electronic equipment. In addition, students will be required to design a piece of electronic equipment which could come within the scope of an electronic engineer engaged in design.

Lectures: Design consideration of D.C., A.C., wide-band and frequency selective amplifiers; power supplies and electronic regulators; and switching circuits.

Layout and construction methods used in electronic assemblies.

Preliminary reading:

Krick, E. V., *An introduction to engineering and engineering design* (Wiley, 1965).

Text-books:

As prescribed during the course.

TL73. Electronic Measurements.

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, cavity measurement of impedance and the 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* (McGraw-Hill, 1952).

Reference books:

Gintzon, E. L., *Microwave measurements* (McGraw-Hill, 1957).

Frank, E., *Electrical measurement analysis* (McGraw-Hill, 1959).

TL93. Pulse Techniques.

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.

Lectures:

Linear Waveshaping: Introduction to the Laplace Transformation: waveform modification by linear circuits containing energy storage elements.

Linear Amplification: Response of cascaded RC coupled amplifiers to pulse voltage excitation.

Non-linear Waveshaping: Waveform modification using non-linear circuit elements.

Switching: Analysis of multivibrators, the blocking oscillator and negative resistance switching circuits.

Timing: Analysis of voltage and current sweep generators; behaviour of delay lines in pulse circuits.

Frequency Division: Application of relaxation devices to frequency division; counting circuits.

Gating: Linear and logical gating circuits; introduction to symbolic logic.

Digital Computer Principles: Introduction to logical design and concepts.

Practical work: Laboratory work on the above subject matter.

Text-books:

Millman, J., and Taub, H., *Pulse and digital and switching waveforms* (McGraw-Hill, 1965).

Strauss, L., *Wave generation and shaping* (McGraw-Hill, 1960).

Reference Books:

Jaeger, J. C., *An introduction to the Laplace transformation* (Methuen, 1959).

Chu, Y., *Digital computer design fundamentals* (McGraw-Hill, 1962).

Flores, I., *Computer logic* (Prentice-Hall, 1960).

Joyce, M. V., and Clarke, K. K., *Transistor circuit analysis* (Addison Wesley, 1961).

Cheng, L., *Analysis of linear circuits* (Addison Wesley, 1959).

BACHELOR OF TECHNOLOGY (MECHANICAL
ENGINEERING—COURSE A).

OLD COURSE.

FIRST YEAR

(To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

TI21. Chemistry IA.

TK01. Engineering Mechanics I.

TJ11. Engineering Drawing.

TJ31. Workshop Practice I.

For syllabuses see Subject Index.

SECOND YEAR

(To be offered for the last time in 1970.)

TM71. Mathematics I (Engineering).

For syllabus see Subject Index.

TJ92. Engineering Dynamics I.

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Engineering Mechanics I.

Straight line, curvilinear and harmonic motion of a point. Motion graphs. Translational and rotational rigid body motion.

Force, work, momentum, energy. Friction. Cam geometry. Link mechanisms. Relative motion. Instantaneous centres. Dynamics of gear and link systems. Free and forced vibration with one degree of freedom. Torsional vibration. Force balance of rotating and reciprocating machines.

Reference books:

Beer, F. P., and Johnston, E. R., *Mechanics for engineers; Part II, Dynamics*, 2nd edition (McGraw-Hill).

Meriam, J. L., *Mechanics, Part II, Dynamics* (Wiley).

Text-book:

Hannah, J., and Stephens, R. C., *Mechanics of machines—advanced theory and examples* (Arnold).

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).

Pre-requisite subjects: Chemistry I or IA and General Physics, Mathematics I (Engineering).

Lectures: One hour a week throughout the year providing an introduction to industrial instrumentation and automatic process control.

The lectures deal with the dynamic behaviour of the various elements in a control loop. The characteristics of the several control modes and their generation is described, the emphasis being on the principles involved rather than actual mechanisms. The criteria for system stability are examined, and the concepts of transient and frequency response analysis introduced. Graphical and analytical techniques used in process control system design, and the techniques of simulation and computation are discussed.

Practical work: Three hours a week throughout the year devoted to a course of experiments designed to illustrate the course of lectures.

Text-books:

Eckman, D. P., *Automatic process control* (Wiley, 1958).Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).Harriott, P., *Process control* (McGraw-Hill, 1964).Perlmutter, D. D., *Introduction to chemical process control* (Wiley, 1965).

Reference books:

Considine, D. M. (Ed.), *Process instruments and control handbook* (McGraw-Hill, 1957).Popov, E. P., *The dynamics of automatic control systems* (Pergamon 1962).

TJ03. Mechanical Engineering III (T).

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*.Shepherd, D. G., *Principles of turbo-machinery* (Macmillan).Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

- Kay, J. M., *Fluid mechanics and heat transfer*.
 Obert, E. F., *Internal combustion engines* (International Text Book Co.).
 Prandtl, L., *Essentials of fluid dynamics* (Blackie).
 McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).
 Taylor, C. F., *The internal combustion engine*, vols 1 and 2 (Wiley).
 Kovats, A. de., *Pumps, fans and compressors* (Blackie).
 Grober, H., *Fundamentals of heat transfer*, 3rd edition (McGraw-Hill).
 Van Wylen, G. J., *Thermodynamics* (Wiley).

TJ93. Machine Design Project.

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.

Reference books:

As for Machine Design.

TJ33. Workshop Practice II.

For syllabus see Subject Index.

TT74. Metal Fabrication.

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).

Reference books:

Alexander, J. M., and Brewer, R. C., *Manufacturing properties of materials* (Van Nostrand, 1963).

Jones, W. D., *Powder Metallurgy*

Hanstock, R. F., *Non-destructive testing* (Institute of Metals, London).

American Society for Metals, *Metals Handbook*, 1948 and 1961 editions.

Hoffman, O., and Sachs, G., *Theory of plasticity for engineers* (McGraw-Hill, 1953).

TT94. Foundry Practice.

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).

Reference books:

- American Society for Metals, *Metals Handbook*, 1948 and 1961 editions.
Ruddle, R. W., *The solidification of castings* (Institute of Metals, London).
Ruddle, R. W., *The running and gating of sand castings* (Institute of Metals, London).
Chalmers, B., *Principles of solidification* (Wiley, 1964).

BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING—COURSE B).

OLD COURSE.

FIRST YEAR

(To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

TI21. Chemistry IA.

For syllabuses see Subject Index.

TJ21. Refrigeration Engineering I.

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 energy transformation; properties of working fluids; modes of heat transfer; boilers, pre-heaters, economizers, superheaters, evaporators; water treatment; fuel and combustion; boiler efficiency and combustion calculations; steam engines, efficiencies and construction; steam turbines; impulse and reaction; turbine constructional details; condensers, cooling towers, and ponds; internal combustion engines; gas, petrol, and compression ignition; air compressors and pumps; refrigeration applications, air conditioning, food preservation, industrial processes; historical development; refrigerant properties, charts and tables; simple and reversed cycles; evaporators, compressors, condensers; valves: stop, needle, float and thermostatic; absorption and adsorption systems; air conditioning principles, psychrometry; instruments.

Text-books:

- Joel, R., *Heat engines* (Longmans).
Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Reference books:

- Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1956).
Dossat, R. J., *Principles of refrigeration* (Wiley, 1961).
Mayhew, Y. R., and Rogers, G. F. C., *Thermodynamic properties of fluids and other data, British thermal units*, 2nd edition (Blackwell, 1957).

TJ11. Engineering Drawing.

TJ31. Workshop Practice I.

For syllabuses see Subject Index.

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.

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.

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.

Psychometry, basic psychometric processes for air-conditioning, heat exchange to wetted heat exchanger surfaces.

Components of a refrigeration system.

PRACTICAL:

Instrumentation. Testing of prime movers and refrigerating machines.

Text-books:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

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).

Reference books:

As prescribed during lectures.

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.

Pre-requisite subjects: Refrigeration Engineering II, and Chemistry I (Organic) (T).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: 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.

Practical work: Refrigeration—40 hours a year by arrangement; Microbiology—20 hours a year by arrangement; experimental work related to lectures; visits of inspection to selected factories.

Text-books:

As for Refrigeration Engineering II, and

Sparks, N. R., and Di Nio, C. C., *Mechanical refrigeration*, 2nd edition (McGraw-Hill).

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).

Reference books:

Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 3rd edition (McGraw-Hill).

American Society of Heating, Refrigeration and Air-Conditioning Engineers, Inc., *Guide and data book*, 1961.

McAdams, W. H., *Heat transmission*, 3rd edition 1954 (McGraw-Hill).

TE83. Electrical Engineering IIA (T).*Either***TL53. Applied Electronics.**

For syllabuses see Subject Index.

*Or***TA73. Principles of Business and Industry A.**

The course consists of two one hour lectures a week throughout the year.

An introduction to the nature of economics; the main concepts of economic behaviour and development; the nature of the Australian economy; the components of national income; the objectives and problems of current economic policy; the factors of production; the sectors within the economy.

The forms of business organization: sole trader, partnership, companies, government; the nature of limited liability; the various methods of financing business enterprise including

- (i) capital—ordinary and preference shares,
- (ii) borrowing—debentures, unsecured notes, mortgages, hire purchase, lease finance, bank overdraft, trade credit,

- (iii) internal finance—retained profits, and funds from depreciation and other provisions; the gearing ratio of a company, the functions of the Stock Exchange.

An introduction to the nature of accounting; recording and reporting business transactions; an understanding of the published financial reports of companies; the purpose of various accounting and business documents and their connection with the internal accounting reports; budgets and budgetary control; costing principles and costing procedures; an understanding of the limitations inherent in accounting reports.

An introduction to the law of contracts, principal and agent, sale of goods. Consideration will also be given to the status, functions and legal responsibilities of company directors and officers.

Reference books:

- Nevin, E., *Textbook of economic analysis* (Macmillan).
 Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).
 Harrison, J., Newman, R. L., and Horrocks, J., *Accounting—A direct approach* (Cheshire).
 Yorston, R. K., Brown, S. R., and Sainsbury, H. L., *Costing procedures* (Law Book Co.).
 Paish, F. W., *Business finance* (Pitman).
 Slater, J. A., *Mercantile law in Australia* (Pitman).
 Grant, J. M. B., and Hagger, A. J., *Economics—An Australian introduction* (Cheshire).

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.

FIRST YEAR

To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

TI21. Chemistry IA.

TJ11. Engineering Drawing.

TJ31. Workshop Practice I.

For syllabuses see Subject Index.

SECOND YEAR

(To be offered for the last time in 1970.)

TM32. Applied Mathematics II (T).

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:

Kreyszic, 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).**

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.**

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.

Reference books:

Halliday, D., and Resnick, R., *Physics for students of science and engineering* (Wiley).Kronig, R., *Text-book of physics* (Pergamon).Jenkins, F. A., and White, H. E., *Fundamentals of optics*, 3rd edition (McGraw-Hill).

- Newman, F. H., and Searle, V. H. L., *General properties of matter* (Arnold).
 Semat, H., *Introduction to atomic and nuclear physics* (Rinehart).
 King, A. L., *Thermophysics* (Freeman).
 Duffin, W. J., *Electricity and magnetism* (McGraw-Hill).

TP22. Applied Physics IB.

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).

Reference books:

Lepage, W. R., and Seely, S., *General network analysis* (McGraw-Hill).

Hemenway, C. L., and others, *Physical electronics* (Wiley).

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

TE62. Electrical Engineering Circuits.

Pre-requisite subjects: General Mathematics; General Physics.

Concurrent subjects: Applied Mathematics II (T), Applied Physics IB.

The course comprises two hours of lectures and two hours' practical work a week.

Lectures: Network theorems; transient phenomena; use of phasor concept; transformers; rotating machines and energy conversion. Digital and analogue computers.

THIRD YEAR

(To be offered for the last time in 1972.)

TP13. Applied Physics IIA.

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; Heisenberg Uncertainty Principle.

Reference books:

Richtmeyer, F. K., and others, *Introduction to modern physics* (McGraw-Kinsler, L. E., and Frey, A. R., *Fundamentals of acoustics* (Wiley).

Elliott, A., and Home-Dickson, J., *Laboratory instruments* (Chapman and Hall).

King, A. L., *Thermophysics* (Freeman).

Kaplan, I., *Nuclear Physics* (Addison-Wesley).

TP23. Applied Physics IIB.

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, 1964).

Reference books:

Harman, H., *Principles of electronic motion* (McGraw-Hill).

Van der Ziel, A., *Solid state physical electronics* (Prentice-Hall).

Kittel, C., *Introduction to solid state physics* (Wiley).

Harrison, G. R., and others, *Practical spectroscopy*

Bakish, R., (ed.), *Introduction to electron beam technology* (Wiley, 1962).

Guthrie, A., *Vacuum technology* (Wiley, 1963).

Sawyer, R., *Experimental spectroscopy*, 2nd edition (Dover).

Braddick, H. J., *The physics of experimental method* (Chapman and Hunt).

TI93. Industrial Instrumentation A.

Pre-requisite subjects: Chemistry I or IA, General Physics and Mathematics I (Engineering) or Applied Mathematics II (T).

This course will cover Process Control (T), with the addition of 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.

Laboratory work: Based on lectures (4 hours).

Text-books and Reference books:

As for Process Control (T).

TT82. Engineering Materials.

For syllabus see Subject Index.

BACHELOR OF APPLIED SCIENCE (APPLIED CHEMISTRY
—COURSE A).

OLD COURSE.

SECOND YEAR

(To be offered for the last time in 1968.)

TM71. Mathematics I (Engineering).

For syllabus see Subject Index.

TP82. Physics B (Engineering).

The course is given annually in the South Australian Institute of Technology.

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering or the Faculty of Technology in Physics, Mathematics and Chemistry at the Leaving Honours examination.

This course consists of two lectures a week and three hours practical per week.

Properties of Matter: Elasticity; introduction to stress and strain tensors; Mohr's circle; torsion and bending; periodic motion; superposition of simple harmonic motions; damping; forced vibrations; response curves; electro-mechanical analogies.

Optics: Thin prism, prism combinations, thin and thick lenses; lens combinations, apertures and stops, optical instruments, interference, interferometry, diffraction, polarized light.

Electromagnetic Theory: the electric field; dielectric polarization; magnetic fields; induced E.M.F.; Maxwells' equations; magnetic materials; alternating current circuit theory using complex operator j .

Electron Physics: Thermionic and solid state rectifiers and amplifiers; filter circuit and power supplies; conduction in gases; gas-filled devices.

Modern Physics: Production and properties of X-rays; X-ray diffraction; interaction of X-rays with matter; photons; wave nature of particles; electron diffraction; elementary nuclear physics.

Text-books:

Sears, F. W., *Mechanics, wave motion and heat* (Addison-Wesley).

Bitter, F., *Currents, fields and particles* (Wiley).

Reference books:

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

French, A. P., *Principles of modern physics* (Wiley).

TI62. Chemistry IIA.

Pre-requisite subject: A pass in Chemistry IA.

A course of general chemistry.

Lectures: Two hours a week throughout the year dealing with an introduction to thermodynamics, the phase rule, electrochemistry, reaction kinetics, kinetic theory and the solid state.

One hour a week throughout the year dealing with elementary organic chemistry.

Practical Work: Not less than six hours a week involving one term for each of analytical, physical and organic chemistry.

Text-books:

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan); or

Barrow, G. M., *Physical chemistry* (McGraw-Hill); or Moore, W. J., *Physical chemistry*, 4th edition (Longmans).

MacKenzie, C. A., *Unified organic chemistry*, International Student Reprint (Harper and Row).

Reference books:

Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).

Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).

Ryschkewitsch, G. E., *Chemical bonding and the geometry of molecules* (Reinhold).

TT82. Engineering Materials.

For syllabus see Subject Index.

THIRD YEAR

(To be offered for the last time in 1970.)

TI63. Organic Chemistry IIA.

A course similar to Organic Chemistry II, amounting to two lectures and not less than six hours' practical work a week.

TI83. Applied Physical Chemistry.

Pre-requisite subjects: Chemistry IIA and Mathematics I (Engineering).

LECTURES: Two lectures a week throughout the year devoted to: (i) the applications of thermodynamics to chemical equilibria and phase equilibria, (ii) reaction kinetics, (iii) other selected topics.

PRACTICAL WORK: Three hours a week devoted to experiments illustrating fundamental principles of the work covered in lectures and special techniques.

Text-book:

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. II, 2nd edition (Wiley, 1959).

Reference books:

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics*, 2nd edition (McGraw-Hill, 1959).

Azaroff, L. V., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1963).

Laidler, K. J., *Chemical kinetics* (McGraw-Hill).

James, A. M., *Practical physical chemistry* (Churchill, 1961).

Potter, E. C., *Electrochemistry* (Cleaver, Hume).

Wiberg, K. B., *Computer programming for chemists* (Benjamin, 1965).

TJ01. Mechanical Engineering I (T).

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, 1960).

Walshaw, A. C., *Heat engines* (Longmans).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 5th edition (Arnold, 1962).

Reference books:

Kearton, W. J., *Steam turbine operation* (Pitman).

Dossat, R. J., *Principles of refrigeration* (Wiley, 1961).

Swift, C. D., *Steam power plants* (Mc-Graw-Hill, 1959).

TJ73. Materials and Structures.

Pre-requisite subject: General Physics.

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Lectures: Behaviour of materials under simple stress; bending moments and shear forces; flexural and shear stresses; framed structures, calculation of forces in members; columns under axial and eccentric loads, design of lattice bars and batten plates; riveted joints, cleats and similar fastenings; welded joints; rein-

forced concrete, design of columns, rectangular and T beams, bond and shear; stability of structures; deflection of beams; beams with fixed ends; continuous beams.

Practical work: Students are required to attend demonstrations at the laboratory and record observations on a series of tests of materials. They are also required to prepare a complete design of an approved structure such as a roof truss.

Text-book:

Jensen, Alfred, *Applied strength of materials* (McGraw-Hill, 1957).

Reference books:

Parker, H., *Simplified mechanics and strength of materials* (Wiley, 1951).

Harris, E. C., *Elements of structural engineering* (Ronald, 1954).

S.A.A. Codes:

Code for welding in building S.A.A. C.A.8.

Structural steel in building S.A.A. Int. 351.

Minimum design loads on buildings S.A.A. Int. 350.

Concrete in building C.A.2. - 1958.

TI03. Process Technology I.

Pre-requisite subjects: Chemistry IA and General Physics.

Lectures and demonstrations: Two lectures a week throughout the year comprising an introduction to the unit processes and operations of chemical technology and metallurgical engineering, and to selected major fields of applied chemistry, together with illustrated films and visits to industrial works. The subject matter is dealt with in four parts: approximately 30 lectures are devoted to unit operations (including mineral processing), 10 lectures to chemical process calculations, 8 lectures to unit processes (chemical) and 13 lectures to unit processes (metallurgical—extractive).

Text-books:

Bailey, A. R., *Text-book of metallurgy*, 2nd edition (Macmillan, 1960).

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, vol. I, 2nd edition (Wiley 1954).

Reference books:

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Pryor, E. J., *Mineral processing* (Mining Publications Ltd., 1960).

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Coulson, J. M., and Richardson, J. F., *Chemical engineering*, Vol. I 1964, Vol. II 1954, (Pergamon Press, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. I (McGraw-Hill, 1945).

Riegel, E. R., *Chemical machinery* 1944 (Reinhold).

Kent, J. A. (ed.), *Riegel's industrial chemistry* (Reinhold, 1962).

Kilner, E., and Samuel, D. M., *Applied organic chemistry* (McDonald and Evans, 1960).

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.**

Pre-requisite subject: Chemistry IIA.

Lectures: One hour a week throughout the year dealing with electrochemical 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.

Practical work: Three hours a week throughout the year of quantitative laboratory work designed to illustrate the principles and use of the above techniques.

Text-books:

Abbott, D., and Andrews, R. S., *An introduction to chromatography*, (Longmans, 1965).

Willard, H. H., Merritt, L. L., and Dean, J. A. *Instrumental methods of analysis*, 3rd edition (Van Nostrand, 1963).

Reference books:

Vogel, A. I., *A text-book of quantitative inorganic chemistry*, 3rd edition (Longmans, 1962).

Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

Kunin, R., *Ion exchange resins* (Wiley, 1958).

Stroebel, H. A., *Instrumental analysis* (Addison-Wesley, 1960).

Morrison, G., and Friese, H., *Solvent extraction in analytical chemistry* (Wiley, 1957).

Friedlander, G., and Kennedy, J., *Nuclear and radio chemistry* (Wiley, 1955).

Or

TI84. Process Control (T).

For syllabus see Subject Index.

TI04. Process Technology II.

Pre-requisite subjects: Applied Physical Chemistry. Organic Chemistry IIA and Process Technology I, and Mathematics I (Engineering).

Lectures: Two hours a week throughout the year dealing with 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: One day a week throughout the year devoted to bench scale projects designed to illustrate the salient features of inorganic and organic unit processes, and various chemical process principles.

Text-books:

Pearlmutter, D. D., *Introduction to chemical process control* (Wiley, 1965).

Levenspiel, O., *Chemical reaction engineering* (Wiley, 1962).

Reference books:

Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1960).

Hougen, O. A., and others, *Chemical process principles*, Vols. 1 and 2, 2nd edition (Wiley).

Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics*, 2nd edition (McGraw-Hill, 1959).

Williams, T. J., *Systems engineering for the process industries* (McGraw-Hill, 1961).

Harriott, P., *Process control* (McGraw-Hill, 1964).

TI94. Unit Operations.

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.

Reference books:

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Coulson, J. M., and Richardson, J. F., *Chemical engineering*, Vols. 1 and 2 (Pergamon, 1954).

McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Perry, J. H., *Chemical engineers handbook*, 4th edition (McGraw-Hill).

Bayley, F. J., *An introduction to fluid dynamics* (Allen and Unwin).

TA94. Industrial Economics.

Pre-requisite subject: Process Technology I.

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).

Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Tyler, C., and Winter, G. H., *Chemical engineering economics*, 4th edition (McGraw-Hill, 1959).

Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).

**BACHELOR OF APPLIED SCIENCE (APPLIED CHEMISTRY
—COURSE B).**

OLD COURSE.**SECOND YEAR**

(To be offered for the last time in 1968.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

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.

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.

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.

SECOND YEAR

(To be offered for the last time in 1968.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

THIRD YEAR

(To be offered for the last time in 1970.)

SG93. Geology IA.

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.

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 and includes an introduction to the use of digital computers for performing the necessary calculations.

Reference books:

- Gaudin, A. M., *Flotation* (McGraw-Hill, 1957).
 Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasia Institute of Mining and Metallurgy, 1955).
 Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).
 Perry, J. H., *Chemical engineers handbook* (McGraw-Hill, 1963).

TI03. Process Technology I.

For syllabus see Subject Index.

TJ63. Materials and Structures (Part Course).

Pre-requisite subject: General Physics.

The course consists of two hours of lectures a week throughout the year.

Behaviour of materials under simple stress; bending moments and shear forces; flexural and shear stresses; framed structures, calculation of forces in members; columns under axial and eccentric loads, design of lattice bars and batten plates; riveted joints, cleats and similar fastenings; welded joints; reinforced concrete, design of columns, rectangular and T beams, bond and shear; stability of structures; deflection of beams; beams with fixed ends; continuous beams.

FOURTH YEAR

(To be offered for the last time in 1972.)

TT64. Mineral Processing.

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.

Reference books:

- Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).
 Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).
 Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasian Institute of Mining and Metallurgy, 1955).
 Klassen, V. I., and Mokrousov, V. A., *An introduction to the theory of flotation* (Butterworth, 1963).
 Glembotski, V. A., *Flotation* (Primary Sources, New York, 1964).
 Perry, J. H., *Chemical engineers' handbook* (McGraw-Hill, 1963).

TT44. Extractive Metallurgy I.

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. Seminar: 1 hour a week.

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).

Reference books:

van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).

Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).

Kubachewski, O., and Evans, E. L., *Metallurgical thermochemistry*, 3rd edition (Pergamon, 1958).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).

Bodsworth, C., and Appleton, A. S., *Problems in applied thermodynamics* (Longmans-Green, 1965).

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).

TI84. Process Control (T).

TA94. Industrial Economics.

Either

TI94. Unit Operations.

For syllabuses see Subject Index.

Or

TN02. Mineral Engineering I.

Pre-requisite subjects: Geology I or IA, or Geology (I) Engineering.

LECTURES: Two lectures a week throughout the year comprising 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.

PRACTICAL WORK: One hour a week throughout the year covering the practical aspects of mineral engineering and including ventilation and related factors, rock reinforcement and support, drilling equipment and techniques, explosives, blasting, rock handling methods and mineral treatment processes.

Some of this practical work will be conducted at an experimental mine or at operating mines and quarries.

A mining trip may be arranged.

Text-book:

Lewis, R. S., and Clark, G. B., *Elements of mining* (Wiley).

Reference books:

Additional references will be given by the lecturer.

and

TC73. Hydraulics (T).

For syllabus see Subject Index.

TT84. Primary Metallurgy Projects.

A series of advanced experiments designed to illustrate certain principles involved in Mineral Processing and Extractive Metallurgy.

BACHELOR OF APPLIED SCIENCE (SECONDARY
METALLURGY).

OLD COURSE.

SECOND YEAR

(To be offered for the last time in 1968.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

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.

Pre-requisite subjects: Engineering Materials and Chemistry IIA.

Lectures: A course of two lectures and one tutorial period per week concerned with:

1. Alloy Theory: An elementary consideration of pure metals, the theory of alloying, and of equilibrium and metastable alloy structures.
2. Diffraction Metallography: The theory and techniques involved with the application of neutron, electron and X-ray diffraction phenomena to the study of condensed phases.
3. Phase Transformations: A phenomenological approach to the understanding of phase transformations in metallic systems.

Practical Work: A programme of experiments for three hours per week for two terms designed to illustrate the subject matter of the lecture course.

Text-book:

Smallman, R. E., *Modern physical metallurgy* (Butterworth, 1963).

Reference books:

Boas, W., *An introduction to the physics of metals and alloys* (M.U.P., 1947).

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1960).

Klug, H. P., and Alexander, L. E., *X-ray diffraction procedures* (Wiley, 1954).

Zackay, V. G., and Aaronson, H. I., (eds.), *Recomposition of austenite by diffusional processes* (Interscience, 1962).

Christian, J. W., *The theory of transformations in metals and alloys* (Pergamon, 1964).

Cullity, B. D., *Elements of X-ray diffraction* (Addison-Wesley, 1956).

TT43. Industrial Metallurgy A.

Pre-requisite subjects: Engineering Materials and Chemistry IIA.

Lectures: A course of two lectures per week concerned with:

1. Corrosion and surface treatment of metals.
A physico-chemical approach to the analysis of the corrosion of metals and alloys, and the use of surface treatments for corrosion protection.
2. The testing of metals.
The theory and practice of the mechanical, thermal, electrical, magnetic and radiation testing of metals and alloys.
3. Metallurgy fabrication.
An introduction to the metallurgical principles underlying the fabrication of metals from their liquid, solid, powder, vapour and ionic solute forms.

Practical: A programme of experiments for 3 hours per week for one term designed to illustrate the subject matter.

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.

Pre-requisite or concurrent subjects: Applied Physical Chemistry, Physics B (Engineering), Physical Metallurgy I.

Lectures: A course of approximately 60 lectures dealing with:

1. 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.
2. Dislocation theory: edge and screw dislocations, dislocation energy, dislocation motion (slip and climb), plastic deformation, dislocation mobility and multiplication, dislocation interaction.
3. Topics of metallurgical interest, reviewed in the light of recent scientific and technological advancements.

Tutorial: One hour per week throughout the year devoted to problems and seminar sessions to reinforce the subject matter of the lectures.

Text-books:

- Azaroff, L. V., *Introduction to solids* (McGraw-Hill, 1960).
Weertman, J., and J. R., *Elementary dislocation theory* (Collier-Macmillan, 1964).

Reference books:

- Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).
Hume-Rothery, W., and Raynor, G. V., *Structure of metals and alloys* (Institute Metals).
Peckner, D., (ed.), *The strengthening of metals* (Reinhold, 1964).
Azaroff, L. V., and Brophy, J. J., *Electronic processes in materials* (McGraw-Hill, 1961).
Wert, C. A., and Thomson, R. M., *Physics of solids* (McGraw-Hill, 1964).
Wilson, A. H., *The theory of metals* (C.U.P., 1953).

TT74. Metal Fabrication.

TT94. Foundry Practice.

TA94. Industrial Economics.

For syllabuses see Subject Index.

TT54. Metallurgical Thermodynamics and Kinetics.

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:

Darken, L. S., and Gurry, R. W., *Physical chemistry of metals* (McGraw-Hill, 1953).

Burke, J., *The kinetics of phase transformations in metals* (Pergamon, 1965).

Reference books:

Christian, J. W., *The theory of transformations in metals and alloys* (Pergamon, 1965).

Wagner, J., *Thermodynamics of alloys* (Addison-Wesley, 1952).

Bodsworth, C., and Appleton, A. S., *Problems in applied thermodynamics* (Longmans-Green, 1965).

Tine, M. E., *Phase transformations in condensed systems* (Macmillan, 1964).

Kubaschewski, O., and Evans, E. L., *Metallurgical thermo-chemistry* (Pergamon, 1958).

TT24. Physical Metallurgy Projects.

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.

**BACHELOR OF APPLIED SCIENCE (MINERAL
ENGINEERING).**

OLD COURSE.**SECOND YEAR**

(To be offered for the last time in 1968.)

TM71. Mathematics I (Engineering).

SG01. Geology I.

TV12. Structures IA (T).

TV21. Surveying I (T).

TM42. Applied Mathematics (T).

For syllabuses see Subject Index.

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.

Pre-requisite subject: Geology I.

Lectures:—Three lectures a week throughout the year covering the following subjects:—

Mineralogy: including mineragraphy, with the determination of minerals by laboratory techniques and the use of transmitted and reflected light.

Petrology: the determination of rock types, their chemical and physical properties and significance, igneous rocks and igneous processes, sedimentary rocks and sedimentation, metamorphic rocks and metamorphism.

Stratigraphy: the principles of stratigraphic classification and correlation.

Structure: the spatial relationships of rocks and their causes.

Geologic processes: including erosion, weathering and supergene alteration.

Geological mapping; and maps, surface and subsurface regional geology.

The theory of ore formation and the geology of mineral deposits: metallic, non-metallic and fuels.

PRACTICAL WORK.—Not less than four hours a week throughout the year with laboratory exercises on the determining of minerals, rocks and ores, including suites from Australian mining districts.

Exercises involving the use of geologic mine maps and sections and the solving of geologic structure problems.

The logging of bore cores and well cuttings and the integration of subsurface data.

The use of air photos and the making of geologic maps from air photos.

Excursions to localities of special interest may be arranged.

Text-books:

Huang, W. T., *Petrology* (McGraw-Hill, 1962).

McKinstry, H. E., *Mining geology* (Prentice-Hall, 1949).

Park, F., and MacDiarmid, R. A., *Ore deposits* (Freeman 1964).

Reference books:

Hills, E. S., *Elements of structural geology* (Methuen, 1963).

Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).

Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).

Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).

Commonwealth Mining and Metallurgical Congress 8 (1965), *Geology of Australian ore deposits*.

TV13. Civil Engineering A (Min.).

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.).

Pre-requisite or concurrent subjects: Surveying I (T), Applied Mathematics (T), Hydraulics (T), Mathematics I (Engineering), Structures IA (T).

Lectures: The course comprises three hours lectures and three hours practical work a week.

The syllabus consists of a selection from the following subjects:—

Accommodation requirements; surface drainage, soil properties and tests, earthworks and earthmoving equipment, pavement design, plant and methods for general pavement construction and bituminous work, road surfaces, bases of soil, stabilized soil, gravel and stone pavements, bitumen, gravel-bitumen and bitumenous macadam surfaces, cement concrete pavements, road design, principles 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. Foundations, earth retaining structures, stability of slopes, earth dams.

Practical Work: Project on water supply and/or sewerage. Laboratory work covering classification and testing of soils 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*, 1948 (Wiley).

Steel, E. W., *Water supply and sewerage*, 1953 (McGraw-Hill).

Sherrard, H. M., *Australian road practice* (Melbourne University Press).

Reference books:

Troxel, G. E., and Davis, H. E., *Composition and properties of concrete* (McGraw-Hill).

Schultz, J. R., and Cleaves, A. B., *Geology in engineering*, 1955 (Wiley).

Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal*, 1954 (Wiley).

Babbit, H. E., and Doland, J. C., *Water supply engineering*, 1962 (McGraw-Hill).

Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).

Rudolff, W., *Industrial wastes* (Reinhold).

TD83. Methods of Construction and Management.**TE83. Electrical Engineering IIA (T).**

For syllabuses see Subject Index.

TN04. Mineral Engineering II.

Pre-requisite subjects: Mineral Engineering I; Mathematics I (Engineering); Applied Mathematics (T); Hydraulics (T); Structures IA (T); Physics B (Engineering).

Pre-requisite or concurrent subjects: Civil Engineering A (Min); Structures IIA (T).

LECTURES: This course consists of three hours a week throughout the year and 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.

The section on oil and gas field development will involve the study of the theory and techniques of drilling, mud engineering and bore hole logging; well completion and the design construction and operation of well-head plant including off-shore rigs; production planning; natural production; secondary recovery; oil and gas storage and transportation; legislation, economics.

PRACTICAL WORK: There will be three hours practical work a week throughout the year comprising laboratory, field and design work on rock mechanics, ventilation circuits and drainage systems, and computations relating to mine economics.

In addition there will be exercises in critical path planning and on the design of mining systems and surface layouts.

A mining trip or a visit to an oil rig may be arranged.

Students will be required to submit a satisfactory report on an approved subject such as an aspect of the mineral or petroleum industry in Australia, or on an aspect of mineral exploration; on a mine design or quarry layout, or on an aspect of rock mechanics, drilling, ventilation, etc.

Text-books:

Peele, R., *Mining engineer's handbook*, 3rd edition (Wiley).

Staley, W., *Mine plant design* (McGraw-Hill).

Isaacson, E. de Q., *Rock pressure in mines* (Mining Publications).

Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).

Reference books:

Additional references will be given by the lecturer.

TV14. Structures IIA (T).

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 and reference books see syllabus for Structures II (T).

TN94. Mineral Exploration.

Pre-requisite subjects: Mathematics I (Engineering), Physics B (Engineering), Chemistry IA, Geology I, Surveying I (T).

Pre-requisite or concurrent subject: Applied Geology.

LECTURES: Two hours a week throughout the year dealing with the principles of mineral exploration and the testing and evaluation of mineral deposits. The methods 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.

PRACTICAL WORK: Three hours a week throughout the year on exercises relating to regional geological surveying and detailed geological mapping; geophysical and geochemical surveys; exploration drilling techniques and the interpretation of results of drilling, sampling, computation of reserves and property valuation.

Excursions to localities of special interest may be arranged.

Text-book:

McKinstry, H. E., *Mining geology* (Prentice-Hall).

Reference books:

Additional references will be given by the lecturer.

BACHELOR OF APPLIED SCIENCE (DATA PROCESSING).

OLD COURSE.

SECOND YEAR

(To be offered for the last time in 1968.)

TM32. Applied Mathematics II (T).

For syllabus see Subject Index.

TM52. Accounting Mathematics I.

Pre-requisite subject: General Mathematics.

Concurrent subject: Accountancy I.

One hour lecture and one hour tutorial a week throughout the year on the following topics:

MATHEMATICS OF FINANCE: Simple and compound interest, annuities, amortisation and sinking funds, bonds, probability and mortality tables, life annuities and life assurance.

STATISTICS: Sources and collection of data, probability and probability distributions, sampling procedures, linear regression and curve fitting, correlation, construction and use of index numbers, time series analysis.

Text-books:

Ayres, F., *Schaum's outline of theory and problems on mathematics of finance* (Schaum).

Yamane, T., *Statistics—An introductory analysis* (Harper and Row).

Reference book:

Hummel, P. M., and Seebeck, C. L., *Mathematics of finance* (McGraw-Hill).

TM72. Programming.

Pre-requisite subject: General Mathematics.

The course consists of three hours per week including lectures, tutorials and practical, devoted to the following topics:

History of computation, number systems; description of input-output devices, storage devices; function of arithmetic and control units; basic and extended Fortran programming; elements of assembly language; introduction to Algol; practical programming in Fortran and assembly language.

Text-book:

- McCracken, D. D., *A guide to Fortran programming* (Wiley).
 McCracken, D. D., and Dorn, W. S., *Numerical methods and Fortran programming* (Wiley).
Control data 3200—Reference Manual (Control Data Corporation).

Reference books:

- Colman, H. L., and Smallwood, G., *Computer language—an auto-instructional introduction to Fortran* (McGraw-Hill).
 McCormick, J. M., and Salvador, M. G., *Numerical methods in Fortran* (Prentice-Hall).
 Harris, L. D., *Numerical methods using Fortran* (Merrill).

TA82. Principles of Business and Industry B.

The course consists of two hours of lectures throughout the year.

Outline of Australian Society—Commonwealth and States; relationships between governments; functions of executive and administration, the nature of government incomes and expenditure.

The form and structure of enterprises:—

Government Departments and public utilities—broad outline of the form and functions of government departments and public utilities and their relation to the community; sources of finance.

Private sector—forms of business organization; sole trader, partnership, companies; the nature of limited liability, the various methods of financing business enterprise including the functions of the stock exchange and covering—

- (1) capital—ordinary and preference shares.
- (2) borrowing—debentures, unsecured notes, mortgages, hire purchase, lease finance, bank overdraft, trade credit.
- (3) internal finance—retained profits, funds from depreciations and other provisions; the gearing ratio of a company.
- (4) evolution of business entities; present day amalgamations and takeovers; holding and subsidiary companies; evaluation of shares and stock.

The development of different methods of trading within the business sector with special reference to credit; institutional developments—finance companies, hire purchase, etc.; other services—insurance.

An introduction to the law of contracts, principal and agent, sale of goods, cheques. Consideration will also be given to the status, functions and legal responsibilities of company directors and officers, and public servants.

The internal organization of government departments and private enterprises; functional lines of authority and responsibility; nature and purposes of internal reports.

An introduction to finance with reference to the control of investment in inventories and other assets, and the effects of decisions in these areas and in respect of depreciations.

Reference books:

To be notified in class.

TA91. Accountancy I.

The course consists of two lectures and two tutorials a week on the following topics:

The development and purpose of accounting. The structure and activities of business enterprises.

The recording and control functions: The balance-sheet; assets, liabilities, proprietorship; the accounting equation; ledger accounts and the double-entry system; the accounting period and profit determination; the classification of business transactions, business documents and books of original entry; accounting and control over cash debtors and creditors, stocks and other balance-sheet items; accounting for revenue and expenses.

The reporting function and the design of the accounting system; The preparation of accounting reports; the design of the recording system; the chart and manual of accounts.

Effects of different types of ownership on accounting: Sole trader, partnership, limited company, non-trading; the effects on recording and reporting; the division and appropriation of profits and losses; changes in ownership; termination (other than companies).

Accounting for sectional activity: Departmental and branch organisation; bases of allocation of expenses.

Effects of the nature of the enterprise on accounting: A brief examination of the special problems of pastoral, manufacturing, mining and non-trading enterprises.

Analyses and interpretation of the accounting result: An introduction to report analysis and interpretation.

The course is intended to demonstrate that if the basic accounting procedures and principles are thoroughly understood, then variations in the type of ownership or nature of the enterprise are easily handled. The principles underlying the accounting procedures and in particular methods of control are emphasised and the course continually stresses that accounting, properly applied can be a dynamic instrument of management control.

Text-books:

Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—A direct approach* (F. W. Cheshire).

Mathews, R. L., *Accounting for economists* (Cheshire).

Reference books:

Goldberg, L., and Hill, V. R., *Elements of accounting* (M.U.P.).

Goldberg, L., *An outline of accounting* (Law Book Co.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Accounting fundamentals*, 5th edition (Law Book Co.).

Newman, R. L., and Horrocks, J., *Advanced accounting exercises* (F. W. Cheshire).

Dyall, J. F., and Hulls, C. A., *Graded questions—first stage accounting* (Law Book Co.).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Advanced accounting*, vols. 1 and 2 (Law Book Co.).

Fitzgerald, A. A., and Schumer, L. A., *Classification in accounting* (Butterworth).

Fitzgerald, A. A., *Current accounting trends* (Butterworth).

Fitzgerald, A. A. (Ed.), *Accounting* (Butterworth).

THIRD YEAR

(To be offered for the last time in 1970.)

TM53. Numerical Mathematics I.

Pre-requisite subject: General Mathematics.

Pre-requisite or concurrent subject: Applied Mathematics II (T). Programming may be taken concurrently.

The course consists of three lectures and one tutorial a week on the following topics:

Table making and interpolation, finite difference and elementary operator theory, solution of algebraic equations, simultaneous linear algebraic equations, relaxation techniques, statistical calculations, evaluation of functions, series and polynomials, differentiation and integration, numerical solutions of ordinary differential equations, difference equations with constant coefficients, orthogonal polynomials and curve fitting, practical computing using desk machines and automatic computers.

Text-book:

Froberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).

Reference books:

Booth, A. D., *Numerical methods* (Butterworth).

National Physical Laboratory, *Notes on applied science, No. 16—Modern computing methods*.

Stanton, R. G., *Numerical methods for science and engineering* (Prentice-Hall).

McCracken, D. D., and Dorn, W. S., *Numerical methods and Fortran programming* (Wiley).

Henrici, P., *Elements of numerical analysis* (Wiley).

TM92. Statistics.

Three hours of lectures and one hour tutorial a week throughout the year on the following topics:

Probability theory: theory of games of chance; laws of probability; independence and statistical independence; probability diagrams.

Distributions: binomial; Poisson; hypergeometric; multinomial; normal.

Data and its representation: relative frequency diagrams and histograms; measures of location, dispersion, skewness and kurtosis; moments of cumulants and their generating functions.

The expectation notation.

Significance tests, based on the normal, t-, F-, and Chi-square distributions; goodness of fit; independence; hypotheses about the mean or variance.

Simple linear and multiple linear regression: polynomial regression; orthogonal determining variables.

Analysis of variance: single classification, equal or unequal numbers in the classes; double classification with equal or unequal numbers in the classes; triple classification.

Randomization and design of experiment: randomized block, Latin square, Graeco-Latin square, factorials, confounding.

Quality control.

Text-book:

Lowell-Wine, R., *Statistics for scientists and engineers* (Prentice-Hall).

Reference books:

Davies, O. L., *Design and analysis of industrial experiments*, 2nd edition (Oliver and Boyd).

Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).

Kempthorne, O., *Design and analysis of experiments* (Wiley).

TL83. Electronics and Logical Design.

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 and di-electric devices for storage and logic; timing and counting circuits; design considerations of digital computer circuits.

Elements of analogue computers; linear amplifiers; operational amplifiers; sweep circuits; function generators; multiplication and division of two variables.

Digital to analogue and analogue to digital conversion.

Introduction to servo-mechanisms; sampled data servos.

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).

Reference books:

Ledley, R., *Digital computer and control engineering* (McGraw-Hill, 1960).
 Chu, Y., *Digital computer design fundamentals* (McGraw-Hill, 1962).

TA92. Economics (T).

Marginal analysis.

Theory of demand: determination and structure of demand curves, elasticity of demand.

Production and cost: diminishing returns; concepts of cost; cost determination, analysis and control.

Supply and demand.

Market structure, pricing and demand: under conditions of pure competition, monopoly, monopolistic competition and oligopoly (including public utility pricing).

Control of monopoly and trade practices.

Investment decisions. Industrial organization.

Labour markets and wage determination: industrial relations.

National income: meaning, measurement, determinants, fluctuations.

Public finance: taxes, public spending, fiscal policy.

Financial institutions and monetary policy.

International trade: exports, imports, tariffs.

Text-books:

Havens, R. M., and others, *Economics—principles of income, prices and growth* (Macmillan).

Ward, B., *Elementary price theory* (Collier-Macmillan).

TM43. First Project.

Students should consult the Head of the School of Mathematics, S.A.I.T.

FOURTH YEAR

(To be offered for the last time in 1972.)

TM84. Numerical Mathematics II.

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).

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.

Pre-requisite subjects: Applied Mathematics II (T), Statistics and Programming I.

The course consists of three lectures and one tutorial a week on the following topics:

Introduction to probability theory, linear programming, dynamic programming, queueing theory, game theory, simulation, inventory control.

Text-book:

Sasieni, M., Yaspan, A., and Friedman, L., *Operations research: methods and problems* (Wiley).

Reference books:

Churchman, C. W., Ackoff, R. L., and Arnoff, E. L., *Introduction to operations research* (Wiley).

Goddard, L. S., *Mathematical techniques of operational research* (Pergamon).

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.**

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.

Number series; Inequalities; Binomial series; History; Areas, etc.; Logarithms, exponentials; Methods of integration; Partial differentiation; Differential equations; Complex numbers; Curve fitting; Statistics; Series; Mathematics of finance; McLaurin series; Trigonometrical equations; Polar graphs.

Text-book:

To be selected by the lecturer from the reference books shown below.

Reference books:

Fisher, R. C., and Ziebus, A. D., *Calculus and analytic geometry* (Prentice-Hall).

Fuller, G., and Parker, R. M., *Analytic geometry and calculus* (Van Nostrand).

Blakey, J., and Hutton, M., *Engineering mathematics* (Blackie).

Spiegel, M. R., *Statistics* (Schaum).

Ledermann, W., *Complex numbers* (Routledge and Kegan-Paul).

TP91. Applied Physics IR.

Properties of Matter.

Damped harmonic motion, forced oscillation, resonance.

Elastic moduli, Poisson's ratio, strain energy, plasticity, creep.

Surface tension, pressure and curvature, capillarity, surface energy, contact angles, conditions for spreading, water repellants, detergents.

Heat.

Temperature, measurement, recorders, temperature control, expansion laws, calorimetry, latent heat calorimetry, specific heats of solids, volume specific heats.

Kinetic theory of gases, gas laws, diffusion, thermal transpiration, adiabatic and isothermal expansions, specific heats of gases.

Properties of vapours, enthalpy, vapour pressure, change of state and phase diagrams, humidity, dew point, hygrometry, equations of state, Van der Waal's equation.

Thermal conduction, conduction across an interface, conduction along a bar, thermal conductivity measurements.

Convection, forced convection, simple dimensional treatment of convection.

Thermal radiation, Kirchhoff's Law, black-body radiation, Stefan's Law, Wien's Law, radiation pyrometers.

Optics.

Light as a wave-motion, refraction, reflection and absorption, dispersion, simple lens systems, aberrations, optical instruments, eye, polarized light, light sources.

Photometry, photometers.

Colour, hue, saturation, colour mixing, chromaticity diagrams, spectro-photometry.

Acoustics.

Sound waves, ultrasonics, waves in solids and gases, pitch, quality, intensity, standing waves, physiology of the ear, aural sensitivity, loudness, sound sources, resonators, microphones, room acoustics, reverberation, reverberation and music, room resonances, sound absorption methods, sound insulation.

Magnetism and Electricity.

Kirchhoff's Laws, resistance bridges, potentiometers, thermo-electricity, E.M. induction, Faraday's Law, Lenz's Law, magnetic properties of matter, the magnetic circuit, inductance, capacitance, A.C. theory, time constant, resonant circuits, differentiating and integrating circuits, filters, coupling, thermionic emission, photo-electric emission, thermionic valves, semi-conductors, rectifiers, amplifiers, transducers (resistive, inductive, capacitive, electronic, piezo-electric, photo-electric electro-kinetic, thermo-couple); application to building science.

Moving coil meters, bridges, vacuum tube voltmeter, electronic counter, C.R.O.

TH81. Engineering Chemistry and Materials.

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).

Reference books:

- Rollason, E. C., *Metallurgy for engineers*, 3rd edition (Arnold).
 Goldman, J. E., *The science of engineering materials* (Wiley).
 Leighou, R. B., *Chemistry of engineering materials* (McGraw-Hill).
 Kent, J. A., (ed.), *Reigels' industrial chemistry* (Rheinhold).
 Standen, A., (ed.), *Encyclopedia of chemical technology*, 2nd edition
 (Interscience).

TB21. Tectonics I.

Part A: Architectural Drawing I.

Draughting tools and techniques; plane geometry, solid geometry; projections; perspective drawing; graphic expression, object drawing; sketching; lettering.

Reference books:

- Sierp, *An advanced course in geometrical drawing*.
 Sierp, *Perspective projection*.
 Graves, *The art of colour and design*.
 Choate, *Architectural presentation in opaque water colour*.

Part B: Building Construction I.

Basic building elements in relation to single and two storey buildings. Walls; floors; roofs; doors; windows; fireplaces; working drawings.

Text-books:

- Mitchell, G. A., *Elementary building construction*, ed. D. Nield (Batsford).
 Commonwealth Experimental Building Station, *Notes on the science of building*.
 Australian Standards Association, *Architectural and building drawing practice*, C.A.25.

Part C: Basic Design.

Elements and principles of functional, technical and aesthetic appreciation and judgment of the human environment.

Social and physiological needs and satisfactions; systems of order; organisation and proportion applied to all creative activity, not exclusively visual; the properties of materials and other means of production.

Direction and development of design ability applicable to manufactured products; buildings, interiors, landscape and town planning.

Practical projects involving analysis and synthesis, anthropometrics and ergonomics; circulation schemes, design for particular purposes.

Reference books:

- Great Britain. Ministry of Housing and Local Government. *Space in the home* (Design Bulletin No. 6) (H.M.S.O.).
 deSausmarex, M., *Basic design: the dynamics of visual form*.
 Struppeck, *The creation of sculpture*.

Part D: Quantity Surveying.

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 *Part B: Constructional Projects*.

Text-books:

- Institute of Quantity Surveyors (Australia) and Master Builders Federation of Australia, *Australian standard method of measurement of building works*.

Part E: Tutorial.

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.

A General Studies Elective.

TG91. Social and Technological History.

A study of technological development and its social implications.

or

TG81. Literature and Society.

A study of plays, poems and novels which explore the problems of the individual and society.

or

TG71. History of Technology (C.E.).

The history and growth of engineering leading to the present-day divisions of Civil, Mechanical and Electrical Engineering. The development and usage of engineering materials through the ages. The organisation, activities and responsibilities of the various branches of Civil Engineering. Problems and materials of the future.

or

TG61. History of Technology (S).

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.

Reference books:

- Bagrow, L., revised by R. A. Skelton, *History of cartography* (Watts).
 Dreyer, J. L. E., *History of astronomy from Thales to Kepler* (Peter Smith).
 Ley, W., *Watchers of the sky: an informal history of astronomy to the space age* (Viking).
 Lockyer, J. N., *Dawn of astronomy* (M.I.T.).
 Taylor, E. G. R., *Mathematical practitioners of Tudor and Stuart England* (C.U.P.).

or

TG51. General Science.

A study of the scientific method of enquiry used in the development of modern science of importance to the community.

or

TG41. German (Elementary).

A course aimed at fluency in reading German and in translation from German into English.

or

TG31. Political Science.

The nature of politics and the state; the background to Australian politics; the Australian political framework; the power structure; current trends and problems in Australian democracy.

or

TG21. History of South-East Asia and Australia.

A study of the economic, cultural and political life of Australia and her neighbours.

SECOND YEAR

TB02. Building Science IR.

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.

Text-books:

Australia. Commonwealth Experimental Building Station, *Notes on the science of building.*

Australia. Commonwealth Experimental Building Station, *Notes on the Sunshine and shadow in Australasia*, by R. D. Phillips.

TB12. Design of Structures IR.

Statics, strength of materials. Theory of beams, frames, columns, in statically determinate cases. Use of tables, codes and handbooks in element design.

Text-books:

Plants, H. L., and Haynes, R. R., *Programmed topics in statics and strength of materials* (McGraw-Hill).

Singer, F. L., *Strength of materials* (Harper).

TB22. Tectonics IIB.

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.

Text-books:

Institute of Quantity Surveyors (Aust.), *Australian standard method of measurement of building works.*

Great Britain. Building Research Board. *Principles of modern building*, vols. 1 and 2 (H.M.S.O.).

TC62. Surveying IB.

For syllabus see Subject Index.

TB92. Building Law.

History and principles of law. Common precedent and statute law. Industrial and contract law. Local authority law. Building regulations.

Text-book:

South Australia. Parliament. Building Act.

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR

TB03. Building Science IIR.

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.

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.

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.

TA93. Building Accountancy.

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).

Fortran computer language. Network analyses. Simulation techniques. Critical path methods. Cost, time and resource variable.

A General Studies Elective.

For syllabuses see page 1062.

BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING).**NEW COURSE.****FIRST YEAR****TM01. Mathematics IA.**

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.

Functions—polynomial, circular, exponential, hyperbolic. Differentiation; integration. Co-ordinate geometry. Matrices; determinants; vectors; complex numbers. Sequences and series. Differential equations.

Text-books: To be selected by the lecturer from the reference books shown below.

Reference books:

Fuller, G., and Parker, R. M., *Analytic geometry and calculus* (Von Nostrand).

Fisher, R. C., and Ziebus, A. D., *Calculus and analytic geometry* (Prentice-Hall).

Blakey, J., and Hutton, M., *Engineering mathematics* (Blackie).

Spiegel, M. R., *Theory and problems of advanced calculus* (Schaum).

TP01. Applied Physics I.*Properties of Solids:*

Matter; conservation of momentum, angular momentum and energy; collision phenomena. Static and dynamic friction. Kater pendulum and determination of g ; seismic and geophysical variations; gyroscope. Planetary motion. Damped harmonic motion; forced vibrations; resonance. Elastic moduli; bending beams; strain patterns in stressed solids.

Properties of fluids:

Newtonian and non-Newtonian viscosity; introduction to rheology. Surface tension of liquids and liquid metals; surface films. Kinetic theory; high and low pressures; diffusion; vacuum technology.

Acoustics:

Transmission of sound, acoustic impedance; shock waves and prospecting; ultrasonics and applications.

Heat:

International scale of temperature; measurement of specific heat, latent heat, expansion coefficient, thermal diffusivity. Equations of state of fluids. Basic laws of thermo dynamics; Joule-Kelvin experiment; low temperatures; entropy and disorder. Thermal radiation; quantum hypothesis; radiation pyrometers; solar physics.

Optics:

Light as wave motion; wavelength, frequency and velocity; dispersion and colour. Lens systems; aberrations; magnification and resolution. Interference of light waves; applications. Diffraction and wavelength determination. Polarized light and its uses. Light sources; spectra of elements.

Electricity and Magnetism:

Electrons and protons; electric fields; dielectric materials; electrostatic instruments. Networks for D.C. Currents; resistance measurement; resistance thermometer. Thermo-electricity; modern thermo-elements and applications. Magnetic fields of currents; current measurements; ballistic galvanometers. Electromagnetic induction; magnetic circuits. Self and mutual inductance; L.C.R. circuit; measurement of high resistance. A.C. circuits; impedance; A.C. Bridges.

Atomic and Nuclear Physics:

Conduction in gases; plasmas and modern applications: Electrons in magnetic fields, electron microscope. Electron emission from solids; diode and triode and uses. Hydrogen atom spectrum. X-rays; diffraction by crystals and amorphous solids; applications. Structure of nucleus; detection of nuclear radiation; nuclear reactions.

Modern Physics:

Semi-conductors; solid state devices; modern magnetism. Applications of nuclear energy.

Reference books:

Weidner and Sells, *Elementary classical physics*, vols. I and II (Allyn and Bacon).

Smith, *Introduction to modern physics* (Longmans).

Kingsbury, *Elements of physics* (Von Nostrand).

Freeman, *Modern introductory physics* (McGraw-Hill).

TH81. Engineering Chemistry and Materials.

For syllabus see Subject Index.

TK61. Engineering Mechanics IA.

Pre-requisite or concurrent subjects: Mathematics IA and Applied Physics I.

The application of the principles of planar statics to engineering structures.

Three-dimensional force systems, friction, centre of gravity first and second moments of areas. Graphical methods, statically determinate trusses, application of virtual work to perfect systems.

Bending moment and shear force diagrams. Elastic stress and strain. Hook's Law. Normal and shear stresses, properties of materials. Axial forces in bars. Stress concentration, flexural stress in bars.

TC61. Civil Drawing.

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.

Reference books:

Students will be advised on reference books during the course.

TK71. Basic Engineering Techniques (Part Course).

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 1062.

SECOND YEAR**TM02. Mathematics IIA.**

The subject matter is divided into four sections: each section consists of a 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, Electronic 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.

Functions of several variables: Further partial differentiation theory; maxima and minima.

Partial Differential Equations: Elementary solutions; Fourier series solutions.

Ordinary Differential Equations: Extended use of Laplace transforms; solutions by variation of parameters.

SECTION 2.

Vector Calculus: Differentiation of vectors; differential geometry; grad, div, curl; transformations of co-ord. systems; line, surface, volume integrals, transformations of multiple integrals; integration of elementary vector functions.

Tensor Calculus: Introduction to Cartesian tensors and applications; analogy of vector and tensor notation; line and surface integrals; Green, Gauss and Stoke's Theorems.

or

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 and linear systems of equations; finite differences; interpolation; integration; curve fitting; solution of elementary differential equations.

Statistics: Probability; representation of data, measures of location, dispersion; Normal, Binomial, Poisson Distributions; quality control, significance testing, sampling.

SECTION 4.

Linear Algebra: Vector spaces, subspaces, linear independence, basis dimension; linear transformations, rank, nullity, equivalence; matrices.

Mathematics of Finance: 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.

TC12. Civil Engineering IIA (T).

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:

Warnock, F. V., and Benham, P. P., *Mechanics of solids and strength of materials* (Pitman).

Cassie, W. F., *Structural analysis* (Longmans).

Gerstle, K. H., *Basic structural design* (McGraw-Hill)

Laursen, H. T., *Matrix analysis of structures* (McGraw-Hill).

Reference books:

Cernica, J. N., *Strength of materials* (Holt, Rinehart and Winston).

Byars, E. F., and Snyder, R. D., *Engineering mechanics of deformable bodies* (International Textbooks).

Byars, E. F., and Snyder, R. D., *Steel designers' manual* (Crosby-Lockwood).

TC22. Civil Engineering IIB (T).

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, 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.

Text-books:

Rosenak, S., *Soil mechanics* (Batsford).

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics with engineering applications* (McGraw-Hill).

Reference books:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice*, 2nd edition (Wiley).

Legget, R. F., *Geology and engineering* (McGraw-Hill).

TC01. Surveying I.

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-book:

Clark, L., *Plane and geodetic surveying*, vol. I (Constable).

Reference 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 Raoumond, S., *Surveying* (Pitman).

Dobrin, *Geophysical prospecting* (McGraw-Hill).

Chambers, *Shorter six figure mathematical tables*.

TE72. Electrical Engineering SC (T).

D.C. circuit analysis with applications to practical measurement and control circuits and including simple non-linear circuits.

Magnetic properties of materials and magnetic circuit analysis with applications to relays and related electro-magnetic devices.

A.C. circuit response with applications including power factor correction, regulation of A.C. sources, an introduction to three-phase systems and transformers.

Transient response of linear circuits leading to an understanding of the effects of transients in simple switching and control circuits. Characteristics starting and control of common D.C. and A.C. machines.

Transducers and associated circuits.

Reference books:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Hughes, E., *Electrical technology* (Longmans).

Skilling, H. H., *Electromechanics* (Wiley).

Angus, R. B., *Electrical engineering fundamentals* (Angus).

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR

TC13. Civil Engineering IIIA (T).

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.

TC23. Civil Engineering IIIB (T).

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.

TC33. Civil Engineering IIIC (T).

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.

TC93. Structural Design.

Pre-requisite or concurrent subject: Civil Engineering IIIA (T).

Design projects covering timber, concrete and steel construction.

TC53. Engineering Computations.

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 1062.

BACHELOR OF TECHNOLOGY (SURVEYING).

NEW COURSE.

FIRST YEAR

TM01. Mathematics IA.

TP01. Applied Physics I.

TC01. Surveying I.

For syllabuses see Subject Index.

TC71. Geology.

A course of two hours of lectures, one hour of tutorial and three hours of practical work throughout the year.

Geology defined; materials of the earth's crust, minerals and rocks, their identification. The forces at work, weathering, erosion, transportation. Ground water; lakes and basins, drainage patterns; glaciers and glaciation. Volcanism, metamorphism, sea and ocean effects, shoreline. Geologic mapping. Geomorphology. Geology of Australia, with particular reference to that of South Australia. Geology in industry. Soils of the Adelaide plains.

Reference books:

Strahler, A. M., *Physical geography* (Wiley).

Thornbury, W. D., *Principles of geomorphology* (Wiley).

South Australia, Geological Survey Bulletin No. 32, Aitchison, Sprigg, and Cochrane, *The soils and geology of Adelaide and suburbs* (S.A. Dept. of Mines).

Glaessner, M. F., and Parker, L. W. (eds.), *Geology of South Australia* (Melbourne U.P.).

A General Studies Elective.

For syllabuses see page 1062.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TC02. Surveying IIA.

(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.

Reference books:

- Bannister, A., and Raymond, S., *Surveying* (Pitman).
Chambers shorter six-figure mathematical tables.
 Higgins, A. L., *Higher surveying* (Macmillan).
 Smart, W. H., *Combination observations* (C.U.P.).
Admiralty manual of hydrographic surveying (H.M.S.O.).
Textbook of topographical surveying (H.M.S.O.).
 Todhunter, I., and Leathern, J. G., *Spherical trigonometry* (Macmillan).
 Richardus, P., *Project surveying* (North Holland).

TC72. Surveying IIB.

(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.

Reference 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).
 Smart, W. M., *Foundations of astronomy* (Longmans).
 Smart, W. M., *Textbook on spherical astronomy* (C.U.P.).
 Great Britain. War Office, *Textbook of field astronomy* (H.M.S.O.).
 Current editions of: *The Astronomical Ephemeris*, *Apparent Places of Fundamental Stars*, *Star Almanac for Land Surveyors*.

(b) Astronomy. Explanation of astronomical terms: astronomical co-ordinates and the factors influencing them; reduction of mean to apparent place. Time; apparent and mean sidereal and solar time. Simple and precise methods for the determination of azimuth, latitude and longitude. Simultaneous determination of 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. The influence of instrumental errors. The receiving and recording of time signals and observational data.

A programme of approximately 70 observations is to be completed for the determination of latitude, longitude and azimuth covering the methods given, together with investigation of the results.

Students must lodge the completed practical programme together with all relevant computations, programme details and investigations of results.

TB82. Land Use.

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.

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.

A General Studies Elective.

For syllabuses see page 1062.

TC82. Survey Camp.

For syllabus see Subject Index.

THIRD YEAR**TC03. Surveying III.**

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.

Pre-requisite subjects: Mathematics I (Engineering), Surveying II, and Astronomy.

Lectures: 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 tacheometry; microwave distance measurements; geodetic theodolites.

Practical work: Three hours a week for three terms; field observations; computations concerned with problems as covered in lectures.

TC83. Photogrammetry.

For syllabus see Subject Index.

TC43. Engineering (T).

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.

A General Studies Elective.

For syllabuses see page 1062.

**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.

Pre-requisite or concurrent subjects: Mathematics IA and Applied Physics I.

Lectures: One hour a week throughout the year.

An introduction to linear lumped circuit theory including:

Passive circuit elements, Kirchoff's laws, Elementary mesh and nodal analysis. Network equivalents. Network theorems and their applications. A.C. network theory; j -notation. Constant voltage and constant current generators. Conditions for maximum power transfer; impedance matching. The decibel notation. D.C. and A.C. measuring instruments.

An introduction to active devices including:

Mechanical/electrical conversion devices, Vacuum tubes and transistors. The use of the cathode ray oscilloscope as a measuring instrument.

Tutorials: One hour a week throughout the year will be devoted to tutorials and demonstrations to illustrate the above topics.

Text-book:

Brooks, A. M. P., *Basic electric circuits*.

Additional reading will be recommended by the lecturer.

TK81. Basic Engineering Techniques.

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.

Tutorial Work: Orthographic drawing; principal and auxiliary views; sections, conventional methods; simple dimensioning; pictorial drawing.

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 1062.

SECOND YEAR**TM12. Mathematics IIB.**

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.

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.

Reference books:

- LePage, W. R., *Analysis of alternating current circuits* (McGraw-Hill).
- Cotton, H., *Electrical technology* (Pitman).
- Langsdorf, A. A., *Principles of direct current machines* (McGraw-Hill).
- Hammond, S. B., *Electrical engineering* (McGraw-Hill).

TE12. Electrical Engineering IB.

Part 1. 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.

Part 2. 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.

Reference books:

- Stout, M. B., *Basic electrical measurements* (Prentice-Hall).
- Harris, F., *Electrical measurements* (Wiley).
- Ashley, J. R., *Introduction to analogue computation* (Wiley).
- Wass, C. A. A., and Garner, K. C., *Introduction to electronic analogue computers* (Pergamon).

TK92. Mechanical Design S.

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:

Tweeddale, J. G., *Practical mechanical design* (Iliffe).
Meriam, J. L., *Statistics and dynamics* (Wiley).

Reference books:

Selected manufacturers' catalogues.
Faires, V. M., *Design of machine elements*, 4th edition (Macmillan).

TK82. Thermo-Fluid Dynamics I.

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).

Reference books:

Dossat, R. J., *Principles of refrigeration* (Wiley).
Mikheyev, M., *An introduction to fluid mechanics and heat transfer* (Cambridge).
Venard, J. K., *Elementary fluid mechanics* (Wiley).
Peck, W. J., and Richmond, A. J., *Applied thermodynamics problems*, 2nd edition (Arnold).

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR**TE03. Electrical Engineering IIA.**

Four terminal networks, generalised constants. Transmission lines with distributed elements, equivalent T & TT 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.

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.

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.

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.

*Either***TU93. Principles of Business and Industry.**

An introduction to the nature of economics: With particular reference to the Australian economy, the relationships between the Commonwealth and the States.

The government and private sectors: Forms of organization, income and expenditure, sources of finance.

Institutional development: Banks, finance houses, insurance, stock-market, trade unions.

An introduction to accounting: Recording and reporting business transactions, an understanding of the financial reports of companies, the control over assets and expenditures.

Measurement of economic performance in the Australian economy: Objectives, policies, problems.

An introduction to the Law of Contracts: Principal and agent, sale of goods, cheques.

(i) capital—ordinary and preference shares;

(ii) borrowing—debentures, unsecured notes, mortgages, hire purchase, lease finance, bank overdraft, trade credit;

(iii) internal finance—retained profits and funds from depreciation and other provisions; the gearing ratio of a company, the functions of the Stock Exchange.

An introduction to the nature of accounting; recording and reporting business transactions; and understanding of the published financial reports of companies; the purpose of various accounting and business documents and their connection with the internal accounting reports; budgets and budgetary control; costing principles and costing procedures; and understanding of the limitations inherent in accounting reports.

An introduction to the law of contract, principal and agent, sale of goods. Consideration will also be given to the status, functions and legal responsibilities of company directors and officers, of trade unions and their officers and the functions of associations of professional persons.

Reference books:

Nevin, E., *Textbook of economic analysis* (Macmillan).

Karmel and Brunt, *The structure of the Australian economy* (Cheshire).

Harrison, Newman, and Horrocks, *Accounting—a direct approach* (Cheshire).

Yorston, Brown, and Sainsbury, *Costing procedures* (Law Book Co.).
 Paish, *Business finance* (Pitman).
 Slater, *Mercantile law in Australia* (Pitman).
 Grant, and Hagger, *Economics—an Australian introduction* (Cheshire).

Or

TU73. Business Organisation.

Pre-requisite: Registration.

A course descriptive of the nature of business activity and its place in the economic framework in which the general functional subdivisions of business activity and the main techniques used in the direction and control of businesses are introduced.

Definition of business activity.

The pattern of the economic framework—primary, secondary and tertiary industries.

The functional pattern of the business enterprise.

Description of the purpose and main activities of the following functional fields in industry:

Supply; Personnel; Production; Finance; Marketing.

Examination of the differences in functional pattern in commerce and tertiary industries.

Review of the main techniques of business administration and an appreciation of their purpose.

Industrial Research; Materials Control; Production Control; Scheduling; Work Study; Costing; Budgeting; C.P.M.; Quality Control; Communication and Information Processing.

The Role of Management.

The Nature and Importance of Organisation.

The Importance of Human Relations.

Specialist to Manager—The steps of promotion and the change in nature of the responsibilities and abilities.

Text-book:

Davis, R. C., *Industrial organisation and management* (Harper).

Reference books:

Lansburgh and Spriegel, *Industrial management*.

Bethel *et al.*, *Essentials of industrial management*.

A General Studies Elective.

For syllabuses see page 1062.

**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 1062.

SECOND YEAR

TM02. Mathematics IIA

For syllabus see Subject Index.

TP92. Physics IIE.

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.

Reference book:

Hemenway, C. L., Henry, R. W., Caulton, M., *Physical electronics* (Wiley).

TE82. Electrical Engineering SE (T).

Steady state D.C. non-linear circuit analysis. Steady state A.C. circuit analysis extended to include A.C. bridges, three-phase systems, symmetrical components, harmonic analysis, coupled circuits and simple non-linear circuits.

Transient linear circuit analysis including R-L-C circuits and the application of transforms techniques.

Analogue methods including use of electronic analogue computers.

Magnetic materials and circuits.

Magnetically coupled circuits including iron-cored transformers and magnetic amplifiers.

Electro-mechanical energy conversion including characteristics and control of common D.C. and A.C. machines, servo-motors and signal transducers.

Introduction to precision measurements.

Reference books:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Skilling, H. H., *Electrical engineering circuits* (Wiley).

Cotton, H., *Electrical technology* (Pitman).

Hayt, W. H., and Kemmerly, J. E., *Engineering circuits analysis* (McGraw-Hill).

Dawes, C. L., *Electrical engineering*, vols. 1 and 2 (McGraw-Hill).

TL02. Electronic Engineering IA.

Pre-requisite or concurrent subjects: Mathematics (IIAT), Physics IIE), Electrical Engineering S.E. (T).

Network analysis: Four-terminal network theory, matrix methods, resonance.

Pole Zero Techniques: Fundamental concepts, determination of amplitude and phase response from pole zero plots.

Application of Laplace Transform: Use of Laplace for solution of networks for sinusoid excitation.

Fourier Analysis: Introduction to Fourier Series and applications, Fourier transform.

Transmission Lines: Fundamentals of transmission lines, travelling waves, Smith chart, special transmission line sections, stub matching transmission line measurements, delay lines.

Iterative Networks: Lumped constant transmission and delay lines, image impedance concept for symmetrical and unsymmetrical iterative networks.

Filters: Constant k , m derived, R-C filters, practical design techniques.

Network Synthesis: Design of resistive networks, two-terminal L-C, R-L, and R-C circuits.

Electronic Instruments: Vacuum tube voltmeter, Q-meter, power meters, harmonic analysis and distortion measurement.

Laboratory exercises on the above subject matter.

Text-books:

- Potter, J. L., and Fich, S. T., *Theory of networks and lines* (Prentice-Hall).
 Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).
 Van Valkenburg, M. E., *Network analysis*, 2nd edition (Prentice-Hall).
 Van Valkenburg, M. E., *Introduction to modern network synthesis* (Wiley).

TL12. Electronic Engineering IB.

Introduction to active electronic devices: Diodes, junction transistors, vacuum tubes, field-effect transistors, zener diode.

Graphical analysis and biasing techniques: Transistor waveforms, temperature stabilization, triode and pentode waveforms and biasing networks, power dissipation and dynamic output quantities.

Equivalent circuits: Linear equivalent circuits of vacuum tube, transistor hybrid parameter circuits and equivalent Tee circuits, properties of basic transistor amplifier configurations, piecewise linear equivalent circuits.

Amplifiers—small and large signal: R-C coupled amplifier bandwidth and gain, transformer coupling, single, double and stagger tuned couplings, untuned single-ended and push-pull power amplifiers, tuned power amplifiers Class B and C, D.C. amplifiers.

Feedback: General properties of feedback circuits, gain stability, bandwidth, noise improvement, operational amplifiers.

Sinusoidal Waveform Generators. Criteria for sinusoidal oscillation, oscillator circuits, linearity and stability.

Power Supplies and Filtering: Rectifiers, ripple filters, D.C. series and shunt regulation.

Power Conversion and Control: D.C./D.C. convertor, thyatron, SCR, ignitron.

Energy Conversion Devices: Electromechanical transducers, photo-electric devices, strain gauges, magnetic tape recording.

Text-books:

- Chirlan, P. M., *The analysis and design of electronic circuits* (McGraw-Hill).
 Zeines, B., *Principles of industrial electronics* (McGraw-Hill).

Reference books:

- Hakim, S. S., and Barrett, R., *Transistor circuits in electronics* (Iliffe).
 Ryder, J. D., *Engineering electronics* (McGraw-Hill).

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR

TL03. Electronic Engineering IIA.

Vacuum tubes and transistors and VHF and UHF amplifiers: Effect of lead inductance and transit time, disc-seal tubes, small-signal and large-signal behaviour of transistors at VHF and UHF.

Microwave techniques: The magnetron, klystron and travelling-wave tube; rectangular and circular wave-guides, microwave aerials, ferrite isolators and circulators.

Antennae: Derivation of field strength of current carrying element, the directive gain and radiation resistance of some common antennae and arrays, receiving antennae, antenna measurements.

Propagation of radio waves: Characteristics of propagation by ground wave, space wave and sky wave, scatter propagation.

Information transmission: Measurement of information content, channel capacity, coding efficiency.

Modulation: Amplitude and frequency modulation and detection; sampling; pulse modulation, time division and frequency multiplexing.

Noise: Noise in vacuum tubes and transistors, noise figure, noise measurements, signal-to-noise ratios in AM, FM and PM systems.

The study of a practical communication system.

Laboratory experiments on the above subject matter.

Text-books:

Glazier, E. V. D., and Lamont, H. R. L., *Transmission and propagation (The services text book of radio, vol. 5)* (H.M.S.O.).

Schwartz, M., *Information transmission, modulation and noise* (McGraw-Hill).

Reference books:

Reich, H. J., and others, *Microwave theory and techniques* (Van Nostrand).

Jasik, H., *Antenna engineering handbook* (McGraw-Hill).

Kraus, J. D., *Antennas* (McGraw-Hill).

Atwater, H. A., *Introduction to microwave theory* (McGraw-Hill).

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill).

TL13. Electronic Engineering IIB.

Non-linear Waveshaping: Clipping and clamping, piecewise linearisation techniques.

Linear Pulse Amplifiers: Response of cascaded RC coupled amplifiers to pulse excitation, compensation methods, distributed amplifiers.

Transient Switching of Transistors: Transient response, charge control analysis.

Multivibrators: Saturating and non-saturating types, classification.

Negative Resistance Switching Circuits: Use of tunnel diodes and uni-junction transistors as switching elements.

Pulse Transformers and Blocking Oscillators: Vacuum tube and transistor circuits, applications.

Voltage and Current Sweep Generators: Analysis of Miller and Bootstrap circuits.

Voltage Comparators: Basic circuits including blocking oscillator and breakaway diode comparators.

Counting Circuits: Binary arithmetic, forced feedback principles, ring counters.

Sampling Techniques: Including the use of field effect transistors.

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.

Laboratory experiments on the above subject matter.

Text-book:

Millman, J., and Taub, H., *Pulse, digital and switching wave-forms* (McGraw-Hill).

Reference books:

Chu, Y., *Digital computer design fundamentals* (McGraw-Hill).

Strauss, L., *Wave generation and shaping* (McGraw-Hill).

TL23. Electronic Engineering IIC.

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.

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.

Reference book:

Krick, E. V., *An introduction to engineering and engineering design* (Wiley).

TE93. Automatic Control I.

For syllabus see Subject Index.

Either

TU93. Principles of Business and Industry.

Or

TU73. Business Organisation.

For syllabuses see Subject Index.

A General Studies Elective.

For syllabuses see page 1062.

**BACHELOR OF TECHNOLOGY (MECHANICAL
ENGINEERING).**

NEW COURSE.**FIRST YEAR**

TM01. Mathematics IA.

TP01. Applied Physics I.

TH81. Engineering Chemistry and Materials.

TK01. Engineering Mechanics I.

For syllabuses see Subject Index.

TK91. Engineering Drawing.

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:

Zozzora, F., *Engineering drawing* (McGraw-Hill).

A.S. CZ1—1966, *Australian standard engineering drawing practice*.

TK11. Engineering Manufacturing Practice I.

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:

Begeman, M. L., and Amstead, B. H., *Manufacturing processes*, 5th edition (Wiley).

A General Studies Elective.

For syllabuses see page 1062.

SECOND YEAR**TM12. Mathematics IIB.****TK82. Thermo-Fluid Dynamics I.**

For syllabuses see Subject Index.

TK02. Engineering Mechanics II.

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-book:

Warnock, F., and Benham, P. P., *Mechanics of solids and strength of materials* (Pitman).

TK22. Mechanical Design I.

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:

- Tweeddale, J. G., *Practical mechanical design* (Iliffe).
 Hannah, J., and Stephens, R. C., *Elementary mechanics of machines*
 (Edward Arnold).

TK12. Production Technology I (T).

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, 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 1062.

THIRD YEAR**TM13. Mathematics IIC.**

For syllabus see Subject Index.

TK33. Thermo-Fluid Dynamics II.

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 turbomachiner: Similarity, incompressible flow parameters, compressible flow parameters, performance design concepts.

TK03. Engineering Mechanics III.

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.

A continuation subject in the design of machine elements and systems, including the tolerancing 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.

TK13. Production Technology II (T).

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.

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.

Part A: D.C. circuit response, simple non-linear circuits, practical measurement and control circuits. Magnetic properties of materials, magnetic circuit analysis, electro-magnetic components. A.C. circuit analysis, power factor correction, regulation of A.C. sources, 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 1062.

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).

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
 Hiller, L. A., and Herber, R. H., *Principles of chemistry* (McGraw-Hill),
 and
 Lee, J. D., *Concise inorganic chemistry* (Van-Nostrand).
 MacKenzie, C. A., *Unified organic chemistry* (Harper); or
 English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill), and
 Tedder, J. M., and Nechvatal, A., *Basic organic chemistry* (Wiley, 1966).

Reference books:

- Gray, H. B., *Electrons and chemical bonding* (Benjamin).
 Basolo, F., and Johnson, R., *Coordination chemistry* (Benjamin).
 Choppin, G., *Nuclei and radioactivity* (Benjamin).
 Audrieth and Kleinberg, *Non-aqueous solvents* (Wiley).
 Vanderwerf, *Acids, bases and chemistry covalent bond* (Chapman and Hall), 1965.
 Sisler, *Chemistry of non-aqueous solvents* (Chapman and Hall).

Other references will be given throughout the course.

TH91. Basic Science Techniques.

Study techniques including use of library, presentation of data and report writing; engineering drawing; laboratory techniques; workshop practice.

Text-books:

To be advised in class.

Reference books:

To be advised in class.

TT81. Engineering Materials A.

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).

Reference books:

- Rollason, E. C., *Metallurgy for engineers*, 3rd edition (Arnold).
 Goldman, J. E., *The science of engineering materials* (Wiley).
 Leighou, R. B., *Chemistry of engineering materials* (McGraw-Hill).

A General Studies Elective.

For syllabuses see page 1062.

SECOND YEAR

TH02. Chemistry II (T), Physical.

Thermodynamics; statistical mechanics; chemical kinetics; surface chemistry; atomic and molecular spectra; semi-conductors; solution chemistry.

Reference books:

- Banwell, C. N., *Fundamentals of molecular spectroscopy* (McGraw-Hill).
 Barrow, G. M., *Physical chemistry*, 2nd edition (McGraw-Hill).
 Friedlander, G., Kennedy, J. W., and Miller, J. M., *Nuclear and radio-chemistry*, 2nd edition (Wiley).

Students should also consult the list of reference books under Chemistry I (T).

TH12. Chemistry II (T), Organic.

Theoretical organic chemistry with particular reference to structural chemistry and its effects on organic reactivity. Preparation, properties and reactions of aromatic compounds. A description of selected industrial processes.

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:

- Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin).
 Gould, E. S., *Mechanisms and structures of organic chemistry* (Holt).

TH22. Applied Chemistry I.

Mass and energy balances; thermodynamics; chemical processes; introductory chemical engineering operations.

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.

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. circuit response; concept and measurement of phase angle; phasor diagrams; A.C. measuring instruments; power factor correction; transformer action and transformer applications; three-phase system, power and energy measurement in three-phase systems; characteristics, control, starting and applications of common D.C. and A.C. machines;

non-linear conductors; diodes; A.C. to D.C. conversion; characteristics of triodes and transistors; and principles and applications of amplifiers and oscillators; D.C. bridge and potentiometer circuits; characteristics and applications of common transducer elements including photo-electric piezzo-electric and thermo-electric devices, strain gauges and variable inductance and capacitance devices; introduction to electrical aspects of control systems.

TT52. Fluid and Particle Dynamics.

A study of fluid and particule 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 1062.

THIRD YEAR

TH23. Applied Chemistry II.

An advanced treatment of selected topics in applied chemistry; application of computers to problems in these areas; presentation of seminars by students.

TH53. Chemical Process Kinetics.

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.

Theory of instrumental techniques in modern analytical chemistry; application of analytical instruments in chemical plant control; measurement of representative process parameters.

Text-books:

To be announced in class.

Reference books:

Listed to indicate the scope of lectures.

Considine, D. M. (ed.), *Process instruments and control handbook* (McGraw-Hill).

Jones, E. B., *Instrument technology*, 3 vols. (Butterworth).

Meites, L., and Thomas, H. C., *Advanced analytical chemistry* (McGraw-Hill).

Strobel, H. A., *Chemical instrumentation* (Addison-Wesley).

TH83. Process Dynamics and Control.

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.

Reference books:

Harriott, P., *Process control* (McGraw-Hill).

Coughanowr, D. R., and Koppel, L. B., *Process systems analysis and control* (McGraw-Hill).

TH73. Transfer Operations.

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.

Reference books:

- Bennett, C. O., and Myers, J. E., *Momentum, heat and mass transfer* (McGraw-Hill).
 Foust, A. S., *Principles of unit operations* (Wiley).
 Rohsenow, M. W., and Choi, H., *Heat, mass and momentum transfer* (Prentice-Hall).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering*, 2nd edition (McGraw-Hill).
 Bird, R. B., Stewart, W. R., and Lightfoot, E. N., *Transport phenomena* (Wiley).
 Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).

A General Studies Elective.

For syllabuses see page 1062.

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 1062.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TP02. Applied Physics II.

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:

Particles and waves: The mathematical and experimental physics of waves and particles leading to the development of wave mechanics.

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 and ultrasonics: The production propagation properties and applications of sound waves of different frequencies.

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).

Kinematics: Radial and transverse accelerations.

Force and motion: projectile in resisting medium: $W = \int \mathbf{F} \cdot d\mathbf{r}$, $F_y = -\frac{dV}{dy}$.

Gravitation: variation of g with height.

Dynamics: torque $\mathbf{L} = \mathbf{r} \times \mathbf{F}$; cylinder on rough plane; centre of percussion; Lagrange equations.

Statics: virtual work; catenary.

Vibrations: damped and forced harmonic motion.

TE92. Electrical Engineering SP(T).

D.C. circuit analysis, including simple non-linearities, with applications to practical measurement and control circuits. A.C. circuit analysis using phasor diagrams and complex impedance concepts applied to problems involving voltage regulation, maximum power transfer, phase shift circuits, power factor correction and three-phase systems. Magnetic circuit analysis with applications to relays and related electro-magnetic devices. Transient circuit analysis leading to an understanding of the effects of transients in simple practical systems containing energy storage devices. Characteristics and applications of energy transfer and conversion devices including transformers, magnetic amplifiers, common D.C. and A.C. machines and rotating machine amplifiers. Transducer elements and transducer circuits.

Reference books:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Hughes, E., *Electrical technology* (Longmans).

Skilling, H. H., *Electromechanics* (Wiley).

Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).

TL92. Electronics (T).

The course consists of two hours of lectures and two hours of practical work a week throughout the year.

Electrical measurement: Multimeter, VTVM, oscilloscope.

Power Supplies: Diode, rectification and filtering, simple shunt regulators, thyratrons and silicon-controlled rectifiers.

Amplifiers: Vacuum tubes, transistors, field effect transistors, biasing, graphical analysis, modes of connection, equivalent circuits, frequency response, multistage amplifiers, power amplifiers, difference amplifiers, band pass amplifiers.

Feedback: Feedback equation, feedback amplifiers, operational amplifiers, oscillators, ultrasonics.

Automatic Control: Introduction to theory, applications to position control, servo amplifiers, regulated power supplies.

Telemetry: Simple amplitude, frequency, and phase modulation systems. Time division Multiplexing, frequency division Multiplexing.

Switching Circuits: Linear and non-linear wave shaping, logic gates, inverters, multivibrators, counting, scalars, timing circuits, analogue to digital and digital to analogue converters, co-incident detectors, elements of a digital computer.

Information Storage: Magnetic recording (direct, frequency modulation and pulse), core store memories.

Transducers: Photo devices, strain gauges.

Text-book:

Malmstadt, H. V., Euke, C. G., and Toren, E. C., *Electronics for scientists* (Benjamin).

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR

TM03. Mathematics IIIA.

A course of one-hour lecture and one-hour tutorial per week for one year.

Partial Differential Equations: Form and theoretical solution of wave equation; orthogonal functions and series solution of partial differential equations; Bessel, Legendre, Laguerre, Hermite, Chebycheff polynomials; spherical harmonics; wave, heat, Laplace, Poisson, equations; spherical, cylindrical polar coordinate systems.

Complex Variable Analysis: complex variable, function, limit, continuity; derivative, Cauchy-Riemann equations, analytic function; sequences, series, tests for convergence and divergence, power series; line integral in complex plane, Cauchy's integral theorem; Taylor and Laurent series; residues and evaluation of real line integrals; mapping and conformal mapping.

Reference books:

Lebedev, N. N., *Special functions and their applications* (Prentice-Hall).

Spiegel, M. R., *Theory and problems of complex variables* (Schaum).

Wylie, C. R., *Advanced engineering mathematics*, 2nd edition (McGraw-Hill).

Schelkunoff, S. A., *Applied mathematics for engineers and scientists* (Van Nostrand).

Koshliakov, N. S., and others, *Differential equations of mathematical physics* (North-Holland).

TP03. Applied Physics III.

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.

Elements of Quantum Mechanics: The application of the Schrodinger equation.

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.

The physics of non-destructive testing.

Either

TT93. Metallurgy for Physicists.

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, precipitation; brief consideration of the main features of martensitic transformations.

and

TM93. Programming Project.

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.

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 1062.

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).

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.

TT91. Materials Science (T).

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.

A General Studies Elective.

For syllabuses see page 1062.

SECOND YEAR

TM12. Mathematics IIB.

TH02. Chemistry II (T), Physical.

TT52. Fluid and Particle Dynamics.

For syllabuses see Subject Index.

TT62. Applied Mineralogy.

Composition, structure, classification and mode of occurrence of minerals, and igneous, metamorphic and sedimentary rocks. Alteration processes and their results. Macro- and micro-characteristics of ores; influence on mineral beneficiation.

TT72. Extractive Metallurgy IB.

An introduction to industrial practices in the field of extractive metallurgy with reference to underlying principles of chemical thermodynamics and kinetics.

TT92. Industrial Metallurgy IA.

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.

TH92. Engineering Service.

For syllabus see Subject Index.

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR**TT63. Mineral Processing A.**

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.

TT73. Extractive Metallurgy II.

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.

TH73. Transfer Operations.**TH83. Process Dynamics and Control.**

For syllabuses see Subject Index.

TT83. Metallography IA.

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 1062.

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 1062.

SECOND YEAR

TM12. Mathematics IIB.

For syllabus see Subject Index.

TH82. Chemistry II (T), Physical (Part Course)

Statistical mechanics; partial molar quantities; measurement of activity coefficients; thermodynamics of reversible processes; theories of chemical kinetics; surface reactions; catalysis.

Text-books:

To be advised in class.

Reference books:

Banwell, C. N., *Fundamentals of molecular spectroscopy* (McGraw-Hill).

Barrow, G. M., *Physical chemistry*, 2nd edition (McGraw-Hill).

Friedlander, G., Kennedy, J. W., and Miller, J. M., *Nuclear and radio-chemistry*, 2nd edition (Wiley).

Students should also consult the list of reference books under Chemistry I(T).

TT02. Physical Metallurgy IA.

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.

TT22. Industrial Metallurgy I.

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.

TT12. Metallography 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 1062.

THIRD YEAR

TT03. Physical Metallurgy IIA.

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.

TT23. Industrial Metallurgy II.

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.

TT72. Extractive Metallurgy IB.

For syllabus see Subject Index.

TT13. Metallography II.

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).

Alternating quantities; use of CRO; A.C. circuit response; concept and measurement of phase angle; phasor diagrams; A.C. measuring instruments; power factor correction; transformer action and transformer applications; three-phase system; power and energy measurement in three-phase systems; characteristics, control, starting and applications of common D.C. and A.C. machines; non-linear conductors; diodes; A.C. to D.C. conversion; characteristics of triodes and transistors; and principles and applications of amplifiers and oscillators; D.C. bridge and potentiometer circuits; characteristics and applications of common transducer elements including photo-electric, piezzo-electric and thermo-electric devices, strain gauges and variable inductance and capacitance devices; introduction to electrical aspects of control systems.

Reference books:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Hughes, E., *Electrical technology* (Longmans).

Skilling, H. H., *Electromechanics* (Wiley).

Angus, R. B., *Electrical engineering fundamentals* (Addison-Wesley).

A General Studies Elective.

For syllabuses see page 1062.

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 1062.

SECOND YEAR

TM12. Mathematics IIB.

TK02. Engineering Mechanics II.

TK82. Thermo-Fluid Dynamics I.

For syllabuses see Subject Index.

TN12. Applied Geology I.

A course of two hours of lectures, one hour of tutorial and three hours of practical work throughout the year.

Geology defined; materials of the earth's crust, minerals and rocks, their identification; elementary mineralogy and petrology; the principles of physical geology; geologic processes, weathering, erosion, transportation, glaciers and glaciation, vulcanism, metamorphism. Ground water, lakes and basins, drainage patterns, sea and ocean effects, shore line; mountain building. Geologic mapping, geomorphology. Historical geology. Stratigraphy and tectonics in Australia. The geology of South Australia. Geology in industry. Geology in engineering. Soils of the Adelaide Plains.

Excursions will be arranged to places of geological interest near Adelaide.

Text-book:

Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology* (Freeman).

Reference books:

Read, H. H., and Watson, J., *Introduction to geology*, vol. I (Macmillan).

Holmes, A., *Principles of physical geology* (Nelson).

Dana, J. D., *Manual of mineralogy*, 17th edition (Wiley).

Strahler, A. M., *Physical geography* (Wiley).

Leggett, R. F., *Geology and engineering*, 2nd edition (McGraw-Hill).

TC52. Civil Engineering S(T).

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.

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR

TM13. Mathematics IIC.

TK22. Mechanical Design I.

TE72. Electrical Engineering SC(T).

For syllabus see Subject Index.

TN13. Applied Geology II.

A course of three hours of lectures and four hours of tutorial and practical work a week.

Mineralogy including mineragraphy: a study of the more common rock-forming minerals and of the ore minerals.

Petrology: constitution, origin and field occurrence of the main types of rocks; internal features affecting uses as engineering materials.

Stratigraphy and structure: correlation; bedding planes, joints, faults, folds, schistosity, massive rocks; relation of structure to strength.

Geologic processes: including erosion, weathering and supergene alteration.

Mineral deposits: natural fuels, peat, lignite, coal; petroleum and natural gas; metalliferous deposits, nature, origin, composition, character; non-metallic mineral deposits; distribution.

Mineral exploration: geological and geophysical prospecting; field mapping; application of photogrammetry to interpretation of geological structures.

Engineering geology: influence of rock types and structures on cuttings, tunnels and other excavations; and as foundations for buildings, dams, roads, reservoirs; geology of water supply; river problems, flooding, silting, scouring.

Excursions and field trips will be undertaken to places of geologic interest related to the above topics.

Text-books:

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by C. S. Hurlbut (Wiley).

Hills, E. S., *Elements of structural geology* (Menthuen).

Huang, W. T., *Petrology* (McGraw-Hill).

McKinstrey, H. E., *Mining geology* (Prentice-Hall).

Reference books:

Park, F., and MacDiarmid, R. A., *Ore deposits* (Freeman).

Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).

Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill).

Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper).

TN83. Mineral Engineering A.

Rock mechanics: stresses in rocks, elastic properties of rocks, 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 and stability of earth dams and mine excavations.

Theory of rock breaking, strata control and the support of mine excavations; blasting theory; subsidence and its control; design of mine openings, support.

Mine transportation and hoisting; roads, pavement design, tracks, conveyors, cableways, chutes, haulages; calculations; winding systems, ropes, power and velocity calculations, vibrations; equipment.

Mine surveying: construction, use and adjustment to instruments including level, theodolite and tachometer; computation of traverses and levels, 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).

Reference books:

- Woodruff, S., *Methods of working coal and metal mines*, vol. I (Pergamon).
 Fairhurst, C., *Rock mechanics* (Pergamon).
 Isaacson, E. de St.Q., *Rock pressure in mines* (Mining Publications).
 Spalding, J., *Deep mining* (Mining Publications).
 Staley, W. W., *Introduction to mine surveying* (Stanford U.P.).

TN73. Mineral Engineering B.

Methods of working stratified and unstratified deposits; development and exploitation of alluvial, open cast and underground metal mines and coal mines and petroleum reservoirs; mine design, planning, layout, scheduling.

Shaft sinking and tunnelling; selection of site, shape, optimum size; sinking and driving; lining, equipping; special methods.

Mine ventilation; environmental conditions, air flow and heat transfer in mine openings. Mechanical ventilation; fan efficiencies, tests and selection. Ventilation measurements. Mine cooling.

Generation, transmission and use of power in mines; diesel, electric, hydraulic and compressed air power; equipment, applications and comparisons.

Preparation of minerals: principles of mineral dressing; mineral separation; crushing, screening; grinding, classification, filtering; concentration processes; disposal of products, flow sheets; plan layout.

Prospecting, valuation and economics applied to mining; sampling, testing, evaluation. Mineral economics; cost of mining, mine valuation. Organisation. Management.

Students will be expected to prepare a paper on an approved investigation, together with a summary for presentation at a seminar.

Text-books:

- Lewis, R. S., and Clark, C. B., *Elements of mining*, 3rd edition (Wiley).
 Hartman, H. L., *Mine ventilation and air conditioning* (Ronald).

Reference books:

- Peele, R., *Mining engineers' handbook*, 2 vols. (Wiley).
 Woodruff, S., *Methods of working coal and metal mines*, vols. I and III (Pergamon).
Symposium on shaft sinking and tunnelling (Institution of Mining Engineers).
 Pirson, S. J., *Oil reservoir engineering* (McGraw-Hill).
 Roberts, A., *Mine ventilation* (Cleaver-Hume).
 Bailey, A. R., *A textbook of metallurgy* (Macmillan).
 Truscott, S. J., *Mine economics* (Mining Publications).
 Parkes, R. D., *Examination and valuation of mineral property* (Addison-Wesley).

A General Studies Elective.

For syllabuses see page 1062.

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.

History of computing; fundamentals of computers; number systems; programming languages—Fortran, Algol, assembly. Programming of practical problems.

Text-books:

- McCracken, D. D., *A guide to Fortran programming* (Wiley).
 McCracken, D. D., and Dorn, W. S., *Numerical methods and Fortran programming* (Wiley).

Reference books:

- McCracken, D. D., and Dorn, W. D., *Numerical methods and Fortran* (Wiley).
 Arnold, R. R., Hill, H. C., and Nichols, A. V., *Introduction to data processing* (Wiley).

TASL. Accounting I.

The course consists of two lectures and two tutorials a week on the following topics:

The development and purpose of accounting. The structure and activities of business enterprises.

The recording and control functions: The balance-sheet; assets, liabilities, proprietorship; the accounting equation; ledger accounts and the double-entry system; the accounting period and profit determination; the classification of business transactions, business documents and books of original entry; accounting and control over cash debtors and creditors, stocks and other balance sheet items; accounting for revenue and expenses.

The reporting function and the design of the accounting system: The preparation of accounting reports; the design of the recording system; the chart and manual of accounts.

Effects of different types of ownership on accounting: Sole trader partnership, limited company, non-trading; the effects on recording and reporting; the division and appropriation of profits and losses; changes in ownership; termination (other than companies).

Accounting for sectional activity: Departmental and branch organization; bases of allocation of expenses.

Effects of the nature of the enterprise on accounting: A brief examination of the special problems of pastoral, manufacturing, mining and non-trading enterprises.

Analyses and interpretation of the accounting results: An introduction to report analysis and interpretation.

Introduction to auditing in relation to accounting with respect to the inbuilt controls and checks developed in the accounting system.

The course is intended to demonstrate that if the basic procedures and principles are thoroughly understood, then variation in the type of ownership or nature of the enterprise are easily handled. The principles underlying the accounting procedures and in particular methods of control are emphasized and the course continually stresses that accounting, properly applied can be a dynamic instrument of management control.

Text-books:

- Harrison, J., Horrocks, J., and Newman, R. L., *Accounting—a direct approach* (Cheshire).
 Mathews, R. L., *Accounting for economists* (Cheshire).

Reference books:

- Goldberg, L., and Hill, V. R., *Elements of accounting* (Melbourne U.P.).
 Goldberg, L., *An outline of accounting* (Law Book Co.).
 Yorston, R. K., Smyth, E. G., and Brown, S. R., *Accounting fundamentals*, 5th edition (Law Book Co.).
 Newman, R. L., and Horrocks, J., *Advanced accounting exercises* (Cheshire).
 Dyall, J. F., and Hulls, C. A., *Graded questions—first stage accounting* (Law Book Co.).
 Chambers, R. J., *Accounting and action* (Law Book Co.).
 Yorston, R. K., Smyth, E. B., and Brown, S. R., *Advanced accounting*, vols. 1 and 2 (Law Book Co.).
 Fitzgerald, A. A., and Schumer, L. A., *Classification in accounting* (Butterworth).
 Fitzgerald, A. A., *Current accounting trends* (Butterworth).
 Fitzgerald, A. A., (ed.), *Accounting* (Butterworth).

A General Studies Elective.

For syllabuses see page 1062.

SECOND YEAR**TM02. Mathematics IIA.**

For syllabus see Subject Index.

TM22. Programming II.

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, DATA statements, COMMON, logical variables, Hollerith constants, ENCODE and DECODE statements, BUFFER statements, programme segmentations.

Assembly language programming. Subroutine linkage, macro instructions, translation from compiler language to assembly language, indirect addressing, a comparison of various assembly languages.

COBOL. Practically all required features of COBOL-61 will be covered. However, programmes written will be of a fairly elementary nature.

Project work in FORTRAN, COBOL and assembly language.

Logical design. Electronic components, wave shaping, logical operations, logic circuits, magnetic devices.

Reference books:

McCracken, D. D., *A guide to COBOL programming.*

Appropriate FORTRAN Reference Manual.

Appropriate COBOL Reference Manual.

TM92. Statistics.**TA92. Economics (T).**

For syllabuses see Subject Index.

TU92. Administration.

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 1062.

THIRD YEAR**TM73. Systems Analysis.**

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.

Pre-requisite subject: Programming II.

Multi programming; multiprocessing; interface techniques; theory of programming language; data transmission.

TM33. Numerical Mathematics.

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.

Reference books:

- Froberg, C. E., *Introduction to numerical analysis* (Addison-Wesley).
 Isaacson, E., and Keller, H. B., *Analysis of numerical methods* (Wiley).
 Henrici, P., *Elements of numerical analysis* (Wiley).
 Kopal, Z., *Numerical analysis* (Wiley).
 Jennings, W., *First course in numerical methods* (Macmillan).
 National Physical Laboratory, *Modern computing methods* (H.M.S.O.).
 Great Britain. *Nautical almanac tables, Interpolation and allied tables*
 (H.M.S.O.).

TM63. Operations Research I.

A knowledge of sections I, IV, V from Mathematics IIA is assumed and some knowledge of elementary probability concepts will be advantageous.

The course, comprising three hours lectures and one hour tutorial will cover selections from the following topics:

Linear programming: various forms of the simplex method, duality, parametric programming, transportation and assignment problems.

Critical path methods.

Queing theory: steady state results for simple arrival time—service time distributions.

Markov chains.

Dynamic programming.

Same theory: two person games, minimax principle.

Inventory control.

Simulation.

Non-linear programming.

Theory of graphs and combinatorial theory: shortest path, dual graph, max flow—min cut theorem.

A General Studies Elective.

For syllabuses see page 1062.

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 1062.

SECOND YEAR

TH72. Chemistry IIA (T), Organic

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).

Reference books:

Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin).

Gould, E. S., *Mechanism and structure in organic chemistry* (Holt, Rinehart and Winston).

TF02. Pharmaceutical Chemistry I.

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.

Inorganic Chemistry:

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.

Text-books:

Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

Vogel, A. I., *A textbook of quantitative inorganic analysis* (Longmans).

Physical Chemistry:

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.

Text-books:

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry* (Macmillan), or

Moore, W. J., *Physical chemistry* (Longmans).

Biochemistry:

Sugars, polysaccharides, lipids, proteins, purines, pyrimidines, nucleotides and nucleic acids, biological oxidations, preservation and transfer of energy, energy-yielding metabolic pathways, biosynthetic pathways.

The biogenesis and structure of drug constituents.

Text-books:

West, E. S., and Todd, W. R., *A textbook of biochemistry*.

Harper, H. A., *Review of physiological chemistry* (Lange).

Practical work:

Six hours a week for a year.

The quantitative analysis of selected inorganic and organic substances of the British Pharmacopoeia, the limit tests of the British Pharmacopoeia.

TF12. Pharmaceutics I.

Solvents—mechanism of solution. Factors affecting solubility. Rheology of Newtonian and non-Newtonian systems. Colloidal state—preparation and purification of colloidal systems. Surface activity. Micelles. Solubilization. Introduction to the theories of emulsification. Chemical nature of emulsifying agents. Statistics and their application in Pharmacy. Kinetics of drug decomposition and the factors affecting stability of pharmaceuticals. Adsorption. Extraction of active constituents of crude drugs and animal tissues.

Microbiology:

Historical introduction and the development of microbiological method, anatomy of the bacterial cell, yeast, and pathogenic fungi; major group of bacteria and yeast, morphology and physiology; rickettsiae and viruses. Factors affecting the growth and death of bacteria, nutritional requirements, cultivation, isolation, sterilization, bacteriostatic and bactericidal agents. Host-parasite relationship, infection, resistance, immunity. Hypersensitivity and allergy.

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 Febiger).
 Martindale, W. H., *The extra pharmacopoeia* (Pharmaceutical Press).
 Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students*, ed. Gunn and Carter (Pitman).
 Cooper, J. W., and Gunn, C., *Tutorial pharmacy* (Pitman).
 Stanier, R. Y., and others, *The microbial world*, 2nd edition (Prentice-Hall).
 Cruickshank, R., *Medical microbiology* (Livingstone).

Reference books:

- Husa, W. A., *Pharmaceutical dispensing* (Mack).
 Bean, H. S., and others (eds.), *Advances in pharmaceutical sciences* (Academic Press).
 Bentley, A. O., *Textbook of pharmaceuticals*, rev. by H. Davis (Bailliére).
 Harris, M., *Pharmaceutical microbiology* (Bailliére).
British pharmaceutical codex (Pharmaceutical Press).

A General Studies Elective.

For syllabuses see page 1062.

THIRD YEAR**TF03. Pharmaceutical Chemistry II.**

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.

Organic Chemistry:

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.

Pharmaceutical Analysis:

Including polarography, potentiometry, conductometric analysis, colorimetry, absorptiometry, spectrophotometry, adsorption and partition chromatography, ion-exchange, titrations in non-aqueous media, alkaloidal assay, gravimetric procedures.

Practical:

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).
 Badger, G. M., *The chemistry of heterocyclic compounds* (Academic Press).
 Cross, A. D., *Introduction to practical infra-red spectroscopy* (Butterworth).
 Ewing, G. W., *Instrumental methods of chemical analysis* (McGraw-Hill).

Reference books:

- Dixon, M., and Webb, E. C., *Enzymes* (Longmans).
 Sexton, W. A., *Chemical constitution and biological activity* (Spon).

TF13. Pharmaceutics II.

Complexation; metallic complexes; metallic-organic complexes; protein binding. Complexation and drug action. Kinetics of drug absorption, distribution and elimination. Tablet preparation and disintegration dissolution rates. The measurement of drug availability. Principles underlying the formulation of sustained release products. The formulation of suspensions. Unit operations and their application in Pharmacy. Phase rule and its application to pharmaceutical systems.

Sterilization methods and preparation of parenteral and ophthalmic products. Vaccines, sera and blood products. Introduction to antibiotics.

Practical:

Nine hours a week for one year.

Exercises involving the preparation of sterile medicaments. Exercises related to investigation of stability and other aspects of formulation. Dispensing and formulation of pharmaceuticals.

Text-books:

- As for Pharmaceutics I together with
 Sykes, G., *Disinfection and sterilization* (Spon).

Reference books:

- Alexander, A. E., and Johnson, P., *Colloid science* (O.U.P.).
 Cowan, S. T. (ed.), *The strategy of chemotherapy* (C.U.P.).
 Binns, T. B. (ed.), *Absorption and distribution of drugs* (Livingstone).
 Burlage, H. M., Lee, C. O., and Rising, L. W., *Physical and technical pharmacy* (McGraw-Hill).
 Rubbo, S. D., and Gardner, F., *A review of sterilization and disinfection* (Lloyd and Luke).
British pharmaceutical codex (Pharmaceutical Press).

TF73. Physiology and Pharmacology.

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-books:

- Lewis, J. J., *Introduction to pharmacology*, 3rd edition, (Livingstone, 1964).
 Wright, S., *Applied physiology*, 11th edition, revised by C. A. Keele and E. Neil, with the collaboration of J. B. Jepson, (O.U.P., 1965).

TF83. Forensic Pharmacy and Pharmaceutical Practice.

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 1062.

TIME TABLES
FOR 1968

FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
DEGREE OF BACHELOR OF ARCHITECTURE						
FIRST YEAR SUBJECTS						
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††	—	—	—	—	—
SECOND YEAR SUBJECTS						
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††	—	—	—	—	—
THIRD YEAR SUBJECTS						
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††	—	—	—	—	—
FOURTH YEAR SUBJECTS						
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‡	—	—
FIFTH YEAR SUBJECTS						
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††
DEGREE OF MASTER OF TOWN PLANNING						
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 1968
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
AC72	Ancient History	11	—	—	11	—
AH72	Australian History	—	4.15	—	—	4.15
AE72	Australian Literature	—	12	—	—	12
AD40	Comparative Education††	≠	≠	≠	≠	≠
AC23	Comparative Philology	5.15	—	—	5.15	—
AJ71	Economic Geography—Even Years	—	9	—	9	—
	Odd Years	—	—	5.15	—	5.15
AD01	Education	≠	≠	≠	≠	≠
AD34	Educational Psychology I††	≠	≠	≠	≠	≠
AD11	Educational Psychology IA	≠	≠	≠	≠	≠
AD30	Educational Psychology II††	≠	≠	≠	≠	≠
AC71	Elementary Greek	§	§	§	§	§
AE01	English I—Day	—	12	—	—	12
	Evening	—	5.15	—	—	5.15
AE02	English II—Even Years	—	11	—	—	11
	Odd Years	—	5.15	—	—	5.15
AE03	English III—Even Years	—	5.15	5.15	—	5.15
	Odd Years	—	11	11	—	11
AF01	French I—Day	—	10	10	—	10
	Evening	—	6.15	6.15	—	6.15
AF02	French II	10	—	—	10	—
AF03	French III	—	9	—	—	9
AJ01	Geography I—Lectures Even Years	—	11	—	11	—
	Odd Years	5.15	—	5.15	—	—
	Practical (two hours)	≠	≠	≠	≠	≠
AJ02	Geography II—Lectures Even Years	4.15	—	4.15	—	4.15
	Odd Years	10	—	10	—	10
	Practical*	—	—	—	—	Sat. 9-11
AJ03	Geography III—Lectures Even Years	10	—	10	—	10
	Odd Years	—	4.15	—	4.15	4.15
	Practical*	—	—	4.15-6.15	—	—
AG01	German I	12, 2	—	10	—	—
AG11	German IA	9	9	9	9	9
AG02	German II	—	10	11	11	—
AG12	German IIA	—	10	11	11	—
AG87	German IIB	—	—	4.15	4.15	—
AG03	German III—Day	9	—	9	9	—
	Evening	6.15-8.15	—	6.15	—	—
AG88	German IIIB	—	10, 12	10	4.15	—
AC11	Greek I	—	9	—	9	—
AC12	Greek II	11§§	10	—	10, 11 §§	—
AG13	Greek III	—	10	—	10	—
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	4.15	—	—	4.15	—
AD50	History and Theory of Science††	≠	≠	≠	≠	≠
AD14	History of Education I	—	—	—	—	—
	(Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 9
AD10	History of Education II ††	≠	≠	≠	≠	≠
AC01	Latin I—Day	11†	11	11†	—	11
	Evening	5.15††	—	—	5.15-7.15††	—
AC02	Latin II	11**	12	—	11**, 12	—
AC03	Latin III	11***, 12**	12	12**	11***, 12	—
UA51	Music I	—	4-6	4-6	—	—
UA52	Music II	—	4-6	—	4-6	—
UA53	Music III	—	5-7	4-6	—	—
AE87	Old and Middle English I	≠	≠	≠	≠	≠
AE88	Old and Middle English II	≠	≠	≠	≠	≠

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
AF77	Old and Middle French I	≠	≠	≠	≠	≠
AF78	Old and Middle French II	≠	≠	≠	≠	≠
AL01	Philosophy I—Day	11	—	—	11	—
	Evening	—	5.15	—	—	5.15
AL02	Philosophy II	5.15	5.15	—	—	5.15
AL03	Philosophy IIIA	5.15	—	5.15	—	5.15
AL13	Philosophy IIIB	≠	≠	≠	≠	≠
AP01	Politics I—Even Years	—	6.15	—	—	6.15
	Odd Years	—	9	—	—	9
AP02	Politics II—Even Years	9	—	—	9	—
	Odd Years	6.15	—	—	6.15	—
AP03	Politics IIIA—Even Years	6.15	—	—	6.15	—
	Odd Years	10	—	—	10	—
AP13	Politics IIIB—Even Years	—	10	—	—	10
	Odd Years	—	5.15	—	—	5.15
AD21	Practical Teaching and Methodology A (Pre-primary)	≠	≠	≠	≠	≠
AD31	Practical Teaching and Methodology A (Primary)	≠	≠	≠	≠	≠
AD41	Practical Teaching and Methodology A (Secondary)	≠	≠	≠	≠	≠
AY01	Psychology I	10†, 5.15†	—	2.15†, 5.15†	10†, 5.15†	—
	Laboratory	≠	≠	≠	≠	≠
AY71	Psychology IA	10†, 5.15†	—	2.15†, 5.15†	10†, 5.15†	—
AY02	Psychology II—Lectures	5.15	4.15	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory (two hours)†	—	—	—	9†, 11†, 2†, 4†, 6†	—
AY03	Psychology IIIA—Lectures	5.15	—	4.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory	—	4.15-6.15	—	4.15-6.15	—
AY13	Psychology IIIB—Lectures	—	2.15	2.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory	—	10-12	—	10-12	—
AG74	Science German	—	9	—	9	—
AD24	Sociology of Education I††	≠	≠	≠	≠	≠
AD20	Sociology of Education II	—	—	—	—	4.45
AD04	Theory of Education I (Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 10.30
AD00	Theory of Education II	4.45	—	—	—	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

§§ First term only.

** Second term only.

*** Third term only.

† First and Second terms only.

‡ Alternatives.

≠ Times to be arranged.

†† Not available to part-time students in 1968.

§ Other hours to be arranged.
§ Times to be arranged primarily to suit Honours students in the Department of Classics.

EVENING LECTURES IN 1968

FACULTIES OF ARTS, ECONOMICS AND SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	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 B	—	5.15	—	5.15	—
AC23	Comparative Philology	5.15	—	—	5.15	—
EE01	Economics I	5.15	—	—	5.15	—
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)	≠	≠	≠	≠	≠
EE12	Economic Development I	—	—	6.15	6.15	—
AD01	Education	≠	≠	≠	≠	≠
AD11	Educational Psychology IA	≠	≠	≠	≠	≠
AE01	English I	—	5.15	—	—	5.15
AE03	English III	—	5.15	5.15	—	5.15
AF01	French I	—	6.15	6.15	—	6.15
AJ02	Geography II—Lectures	4.15	—	4.15	—	4.15
	Practical	—	—	—	—	Sat. 9-11
SG01	Geology I—Lectures	—	5.15	5.15	5.15	—
	Practical (incl. tutorial)	—	6.15-8.15	—	6.15-8.15	—
AG87	German IIB	—	—	4.15	4.15	—
AG03	German III	6.15-8.15	—	6.15	—	—
AH01	History IA	4.15	—	—	4.15	—
AH12	History IIB	6.15	—	—	6.15	—
AH03	History IIIA	5.15	—	—	5.15	—
AH13	History IIIB	4.15	—	—	4.15	—
EC10	Investment Planning and Business Finance	—	5.15	—	5.15	—
AC01	Latin I	5.15	—	—	5.15-7.15	—
EC02	Management Accounting	—	5.15	—	5.15	—
EE41	Mathematics (Economics)	—	—	5.15	—	5.15
SM01	Mathematics I	4.15	—	4.15	4.15	4.15
UA51	Music I	—	4-6	4-6	—	—
UA52	Music II	—	4-6	—	4-6	—
UA53	Music III	—	5-7	4-6	—	—
AL01	Philosophy I	—	5.15	—	—	5.15
AL02	Philosophy II	5.15	5.15	—	—	5.15
AL03	Philosophy IIIA	5.15	—	5.15	—	5.15
SP01	Physics I—Lectures	5.15	—	5.15	—	5.15
	Practical	—	—	6.15-9.15	—	—
AP01	Politics I	—	6.15	—	—	6.15
AP03	Politics IIIA	6.15	—	—	6.15	—
	Practical Teaching and Methodology A					
AD21	(Pre-primary)	≠	≠	≠	≠	≠
AD31	(Primary)	≠	≠	≠	≠	≠
AD41	(Secondary)	≠	≠	≠	≠	≠
AY01	Psychology I—Lectures	5.15	—	5.15	5.15	—
	Laboratory	≠	≠	≠	≠	≠
AY71	Psychology IA	5.15	—	5.15	5.15	—
AY02	Psychology II—Lectures	5.15	4.15	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory	—	—	—	6-8*	—
AY03	Psychology IIIA—Lectures	5.15	—	4.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory	—	4.15-6.15	—	4.15-6.15	—

FACULTY OF ECONOMICS

EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EE83	Agricultural Economics	≠	≠	≠	≠	≠
EE13	Commercial Law B	—	5.15	—	5.15	—
EE01	Economics I	10(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)	≠	≠	≠	≠	≠
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	—	—	4.15	4.15	2.15
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 B	—	—	5.15	—	5.15
EE01	Economics I	10(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)	—	—	—	9	—
	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	—	—	4.15	4.15	2.15
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.

≠ Times 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	—	9-11	—	—	—
EC30	Economic Institutions and Policy ..	3-5	—	—	—	—
EC40	Human Relations	—	—	—	3-5	—
EC50	Economic and Accounting Analysis ..	—	3-5	—	—	—
EC60	Business Statistics	—	—	—	—	9-11
EC70	Decision Making	9-11	—	—	—	—

FACULTY OF ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST YEAR						
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	—	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) 5.15 (B)	3 (A, B) 5.15 (A,B)	9 (A) 5.15 (B)	—
	Practical	2-5	10-1, 2-5	—	2-5	—
SM01	Mathematics I					
	Lectures	10	—	10	10	10
	Tutorials (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)	—	9 (C, D) 5.15 (A,B)
	Tutorial (1 hour)	—	—	11 (B, D) 12 (A, C)	—	—
	Practical (3 hours)	2-5	10-1, 2-5	—	2-5	—
SECOND YEAR						
SM12	Applied Mathematics II					
	Lectures	9	9	9	—	9
	Tutorials (1 hour)	—	10	—	9	11
NC02	Civil Engineering I (New Course)					
	Lectures	—	10	10	10	10
	Practical	10-1	—	2-5	2-5	—
NE03	Electrical Engineering I					
	Lectures	11	—	11	—	11
	Tutorial (2 hours)	12 (B)	12 (A)	12 (A)	—	12
	Practical	—	10-1 (B)	—	10-1 (A)	—
NX12	Engineering II C					
	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	

(A), (B) (C), and (D) indicate alternatives.

† Nine 3 hour sessions.

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 ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
NX42	Engineering II M—					
	Stress Analysis—					
	Lecture	—	11	—	—	—
	Practical†	2-5	2-5	—	—	—
	Structural Engineering—					
	Lecture	—	—	11	—	—
Practical	—	—	2-5	—	—	
NX02	Engineering II H—					
	Electrical Circuits and Machines—					
	Lecture	—	11	—	—	—
	Practical†	2-5	2-5	—	—	—
NM02	Electronics—					
	Lecture	—	—	11	—	—
	Practical†	2-5	2-5	—	—	—
	Stoichiometry—					
	Lecture	10	—	—	—	—
	Tutorial	—	2-5	—	—	—
SC02	Mechanical Engineering I— (New Course)					
	Lectures	—	10	12	10	—
SP02	Practical	10-1	—	—	2-5	—
	Physical and Inorganic Chemistry II—					
EE94	Lectures	12	—	12	—	12
	Tutorial	—	—	4	—	—
	Practical	—	—	—	10-5(B)	10-5(C)
NE04	Physics II—					
	Lectures	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)	—
NC04	OLD FOURTH YEAR					
	Civil Engineering I—(Old Course)					
NC94	Lectures	—	10	10	10	—
	Practical	—	—	—	2-5	10-1
EE94	Civil Engineering S—					
	Lectures	—	—	—	12	11
NE04	Practical	—	—	2-5	—	—
	Economics (Engineering)—					
NE04	Lectures	10	—	12	—	—
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Electrical Engineering II—					
NE73	Lectures	10, 11	—	12	12	—
	Tutorial (2 hours)	—	9, 10(A)	10 (A, B)	10 (B)	—
	Practical	—	—	2-5(A)	2-5(A)	10-5(B)
NE74	Electrical Engineering S—					
	Lectures	—	11	11	—	—
NE74	Practical††	2-5	—	2-5	—	—
	Electronics—					
NM73	Lecture	—	—	11	—	—
	Practical†	2-5	9-12	—	—	—
NM73	Engineering Drawing and Design—					
	Lecture	—	12	—	—	—
	Practical	—	2-5	—	—	—

(A), (B) and (C) indicate alternatives.
 * First term only.
 †† Eighteen 3 hour sessions.

≠ Time to be arranged.
 † Nine 3 hour sessions.

FACULTY OF ENGINEERING—Continued.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
NC74	Hydraulics A—					
	Lectures	—	11	—	11	—
	Practical	—	—	—	—	2-5
NC84	Instrumentation—					
	Lecture	—	—	11	—	—
	Practical	—	—	2-5	—	—
SM94	Mathematics III (Engineering)—					
	Lectures	—	—	9	—	9
	Tutorial	9	—	—	—	—
NM04	Mechanical Engineering IA—					
	Lectures	12	12	—	—	12
	Practical	—	2-5	—	2-5*	—
NM14	Mechanical Engineering IB—					
	Lectures	—	—	10	—	10
	Practical	—	—	—	—	2-5
NM74	Mechanical Engineering S(C)—					
	Lectures	—	9	—	9	—
	Practical	2-5	—	—	—	—
NM94	Mechanical Engineering S(Ch)—					
	Lectures	—	9	—	9*	—
	Practical	2-5**	—	—	—	—
NH04	Process Engineering IIA—					
	Lectures	10	—	—	—	10
	Tutorial	—	—	—	—	11, 12
	Practical	—	—	—	—	2-5
NH74	Process Engineering IIB—					
	Lectures	9	—	9	—	9
	Seminars	—	—	—	10-1**	—
	Practical	—	—	—	2-5	—
NH04	Process Engineering IIC—					
	Lecture	11	—	—	—	—
	Tutorial	12	—	—	—	—
	Practical	—	2-5	—	—	—
SM02	Pure Mathematics II—					
	Lectures	9	—	9	9	9
	Tutorial (1 hour)	—	10	—	10	—
NC73	Strength of Materials—					
	Lectures	—	11	11	—	—
	Practical	2-5	—	—	—	—
OLD FIFTH YEAR						
NE35	Electrical Engineering A—					
	Lectures	10, 11	—	12	12	11
	Tutorial (3 hours)	12	9, 10	10	10	12
	Practical	—	—	2-5	2-5	2-5
Timetables in other subjects, to be arranged by the Departments.						

* First term only.

** First and Second terms only.

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	—	5-7	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	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS						
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 (Z)	10-12.30 (Y)	—	10-12.30 (Y)	10-12.30 (Z)
		2-4.30 (X)	—	—	—	2-4.30 (X)
		7-9.30 (W)	—	7-9.30 (W)	—	
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) 3 (E)* 5.15 (A, B)	—	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	6.15-9.15	10-1 2-5	10-1 —
		—	—	—	—	—
SZ01	Zoology I					
	Lectures	—	2	—	2	—
	Tutorial (nil)					
	Practical (5 hours)	—	10-12.30 (Z)	—	10-12.30 (Z)	—
	—	3-5.30 (Y)	—	3-5.30 (Y)	—	

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.

* Physics: E to be held only if numbers exceed lecture theatre capacity.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
SECOND-YEAR SUBJECTS						
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 (included with practical)					
	Practical (6 hours)	2-5 (A)	2-5 (A, B)	—	—	2-5 (B)
SB02	Botany II					
	Lectures	11	—	—	—	11
	Practical (6 hours)	—	2-5	—	2-5	—
SB72	Botany II P					
	Lectures	11	—	—	—	11
	Practical (6 hours)	—	2-5	—	2-5	—
SG12	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	—	—	—	2-5
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)	9-5(C)	10-5(B)	—
SC02	Physical and Inorganic Chemistry II—					
	Lectures	12	—	12	—	12
	Tutorial (1 hour)	—	—	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) (C at discretion of Department)	2-5(A)	10-1(A) 2-5(C)	—	10-1(C) 2-5(B)	2-5(B)
SS02	Physiology I					
	Lectures	12	—	12	—	12
	Practical (6 hours)	—	—	2-5	2-5	—
AY82	Psychology I(S)					
	Lectures	5.15	2	—	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	—	12	—	12	10||
	Practical	3-5||(A) 2-5(C)	9-12(A) 2-5 (B)	10-12||(B) 2-5(C)	9-12(A) 2 5(B)	—

¶ Alternatives are indicated by A, B, C, etc. ≠ Time to be arranged.
 || Psychology IS: First and second terms only. §§ Additional 2 hours practical work to be arranged.
 || Zoology II: 12 Lectures on Quantitative Biology, Part B of Genetics I, commencing at beginning of first term.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
THIRD-YEAR SUBJECTS						
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 timetable in the Department.						
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	Tutorial (1 hour)	≠	≠	≠	≠	≠
SY33	Practical (8 hours)	all day	—	all day	—	—
SY43						
SB03	Botany—					
SB13	Lectures	10,5*	9*	10	9*	10
SB23	Practical (12 hours)	—	all day	all day*	all day	—
SB33						
SA03	Computing Science—					
	Lectures (5 hours)	≠	≠	≠	≠	≠
	Tutorial (2 hours)	≠	≠	≠	≠	≠
SJ03	Genetics II— ..					
	Lectures (3 hours)	9, 10	—	9, 10	—	9, 10
	Practical (8 hours)	≠	≠	≠	2-5	≠
SG03	Geology—					
SG13	Lectures	9	10, 4	9	10, 4	9
SG23	Practical (12 hours)	≠	≠	≠	≠	≠
MA13	Histology—					
	Lectures	—	9	—	9	12
	Practical (10 hours)	—	all day	all day	—	—
SF03	Mathematical Physics A—					
	Lectures (5 hours)	9, 10,	9, 10	9, 10	9, 10	9, 10
	Tutorial	—	3	3	3	—
SF13	Mathematical Physics B—					
	Lectures (5 hours)	4	12, 3	12, 3	12, 3	4
	Practical	—	—	—	all day	—
SM23	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	Tutorial	≠	≠	≠	≠	≠
SO33	Practical (12 hours)	all day	all day	all day	all day	all day
SO43		(A)	(A)	(A, B)	(B)	(B)
SG13	Palaentology—					
	Lectures	≠	≠	≠	≠	≠
	Practical	≠	≠	≠	≠	≠
SC03						
SC13	Physical and Inorganic Chemistry—					
SC23	Lectures	—	9, 4	4	9, 4	—
SC33	Tutorial	≠	≠	≠	≠	≠
SC43	Practical (12 hours)	all day	all day	all day	all day	all day
SC53						
SC63						
SC73						

Alternatives are indicated by A, B, C, etc.

† Lectures in Statistics in First and Second terms only.

* Third term only for students taking Cells and Embryos—3 hours additional practical to be arranged.

≠ Time to be arranged.

FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
SP03 } SP08 }	Physics III and Physics IIIH— Lectures Practical (9 hours)	4 all day	12 —	— all day	12 all day	4 all day
SS03 } SS13 }	Physiology— Lectures Practical	11 —	— —	11 —	— all day	11 2-5
AY83	Psychology II(S)— Lectures Tutorial (1 hour) Practical (7 hours)	5.15 — ≠	— 11 ≠	5.15 — ≠	5.15 — ≠	4.15† — ≠
SM03	Pure Mathematics III— Lectures (5 hours) Tutorial (1 hour)	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10 ≠
SZ03 } SZ13 } SZ23 } SZ33 }	Zoology— Lectures Practical (9 hours)	9, 5* 2-5	9* 2-5	9 all day*	9* all day	9 all day

Alternatives are indicated by A, B, C, etc.

≠ Time to be arranged

* Third term only for students taking Cells and Embryos—3 hours additional practical to be arranged

† Lectures in Statistics in First and Second terms only.

DIPLOMA IN PHARMACY**FOURTH YEAR**

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
FF04	Practical Pharmacy and Dispensing—Lectures ..	All	—	9	—	—	—
	Practical ..	2, 3	—	—	9-1	—	—
FF14	Forensic Pharmacy ..	2, 3	—	—	—	10	—
FF24	Pharmacy Organisation ..	1, 2	—	—	9	—	—
		2, 3	—	2	—	—	—
FF34	Pure Pharmacology—						
	Lectures	All	—	3	—	11	—
	Practical	2, 3	—	—	—	2, 5	—
FF44	Bacteriology	1	—	—	9-1	—	—
FF54	Nutrition	2, 3	—	—	—	12	—
FF64	Organic Medicinals ..	All	—	10, 12	—	—	—

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)* (half the class)		
12	Treatment I (Practical)* (half the class)	Anatomy I	Treatment I (Practical)**	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 (Neurology) (1½ Terms)		Anatomy II (Neurology) (1½ Terms)	
11		Movement II (Theory)		Electrotherapy I (Theory)	
12	Anatomy II	Treatment II (Practical)		Treatment II (Practical)	Anatomy 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		Treatment II		Treatment II (Theory)	
3		Paediatrics** Obstetrics†		Electrotherapy I (Practical) (3-5)	
4		Movement II (Practical)			

**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 1. 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>
I. AGRICULTURAL SCIENCE	
(a) First- and second-year subjects.	Faculty of Science time-tables (page 1118).
(b) Third-year subjects:	
Agricultural Economics	Faculty of Economics time-tables (page 1112).
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 1112).
Genetics II	Faculty of Science time-tables (page 1118).
Other fourth-year subjects	The Dean, Waite Agricultural Research Institute.
II. COMPUTING SCIENCE	Department of Computing Science.
III. DENTISTRY	
(a) First-year subjects	Time-tables of the Faculties of Arts (pages 1108-9) and Science (1118).
(b) Second- and later-year subjects	Dental School Office.
IV. LAW	Law School Office.
V. MEDICINE	
(a) First-year subjects	Time-tables of the Faculties of Arts (pages 1108-9) and Science (1118).
(b) Second- and third-year subjects	Departments of Anatomy, Biochemistry, and Human Physiology.
(c) Clinical subjects	Medical School Office.
VI. PHYSICAL EDUCATION	Senior Lecturer-in-Charge, 83 Finnis Street, North Adelaide.
VII. TECHNOLOGY AND APPLIED SCIENCE including PHARMACY (Degree)	The Academic Secretary South Australian Institute of Technology.

TABLE OF DEPARTMENTS

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Business Administration ^o	TU	---	Mental Health	MH	912
Chemical Engineering	NH	874	Metallurgy	TT	---
Chemical Technology ^o	TH	---	Microbiology	SK	981
Chemistry: see Physical and Inorganic Chemistry and Organic Chemistry	---	---	Mineral Engineering ^o	TN	---
Child Health	MC	916	Music—Degree (Theory)	UA	920
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^o School of the South Australian Institute of Technology.

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History of South-East Asia and Australia	TG21	1062	Computing Science B.A. and B.Sc.	SA99	966
History of Technology (CE)	TG71	1062	Genetics	SJ99	969
History of Technology (S)	TG61	1062	Geology	SC99	973
History of Town Planning	RA30	782	Mathematics B.A. and B.Sc.	SM99	979
Honours Mathematics III	SM08	977	Mathematical Physics	SF99	974
Horticultural Science	WF04	762	Microbiology	SK99	982
Human Biology	MA92	941	Organic Chemistry	SO99	982
Human Nutrition	SY73	944	Pharmacology	SS89	987
Human Physiology (Medicine) 2nd Year	SS12	914	Physical and Inorganic Chemistry	SC99	961
Human Physiology (Medicine) 3rd Year	SS13	914	Physics IV (Honours)	SP99	985
Human Physiology (Dentistry) 2nd Year	SS22	850	Physiology	SS99	987
Human Physiology (Dentistry) 3rd Year	SS23	851	Psychology	AY89	994
Human Physiology (Physical Education)	SST3	944	Statistics B.A. and B.Sc.	ST99	981
Human Relations	EC40	871	Zoology	SZ99	991
Hydraulics A	NC74	881	I		
Hydraulics (T)	TC73	1009	Industrial Economics	TA94	1043
HONOURS			Industrial Instrumentation A	TI93	1038
AGRICULTURAL SCIENCE			Industrial Metallurgy A	TT43	1048
Agricultural Biochemistry	WB89	764	Industrial Metallurgy I	TT22	1093
Agronomy	WA89	764	Industrial Metallurgy IA	TT92	1092
Animal Physiology and Production	WN99	764	Industrial Metallurgy II	TT23	1094
Entomology	WE99	765	Industrial Microbiology I	TI13	1044
Genetics	SJ79	765	Industrial Microbiology II	TI14	1045
Horticulture	WF99	765	Industrial Sociology	EC23	869
Plant Breeding	WA99	764	Instrumentation	NC84	882
Plant Pathology	WP99	765	International Law	LL23	907
Plant Physiology	WF89	765	Introductory Mineral Processing	TT53	1046
Soil Science	WB99	764	Investment Planning and Business Finance	EC10	870
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Applied Chemistry	NH89	901	Jurisprudence	LL03	906
Primary Metallurgy	NH79	901	L		
Secondary Metallurgy	NH69	901	Land Surveying, Design and Drafting	TV53	1017
ARCHITECTURE			Land Use	TB82	1071
Preliminary Honours	RA98	775	Land Valuation—Principles and Practice	TV63	1018
Final Honours	RA99	776	Latin I	AC01	789
ARTS			Latin II	AC02	789
Classes	AC99	793	Latin III	AC03	789
English Language and Literature —Scheme A and Scheme B	AE99	814	Law in Relation to Planning	RA70	783
French Language and Literature	AF99	820	Legal Ethics and Accounts	LL54	911
Geography	AJ99	825	Legal History	LL33	907
German	AC99	831	Literature and Society	TG81	1062
History	AH99	836	Literature of Music	UC73	933
Latin	AC89	790	M		
Philosophy	AL99	838	Machine Design	TJ83	1023
Politics	AP99	841	Machine Design Project	TJ93	1031
Psychology	AY99	845	Management Accounting	EC02	867
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Mathematical Statistics II	ST03	980
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Mathematics IA	TM01	1064
Mathematics IB	TM91	1059
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Mathematics IS	SM71	975
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			Zoology III	SZ03	990
			Zoology IIIA	SZ13	990
			Zoology IIIB	SZ23	990
			Zoology IIIC	SZ33	990
			Zoology IIIM	SZ43	990

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1968

PART VI

GRADUATES, ASSOCIATES AND DIPLOMA HOLDERS OF
THE UNIVERSITY

Graduates—

Past and present graduates	-	-	-	-	-	-	1203
Doctors of Philosophy	-	-	-	-	-	-	1279
Graduates who have taken Honours Degrees	-	-	-	-	-	-	1282
Associate and Diploma Holders of the University	-	-	-	-	-	-	1290

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, M.A. (Cambridge, 1952) - - - - -	1965
Abdul Majeed, Siti Khalsom Ruby, M.B., B.S.	1959
Abdullah, Faridah, B.Sc. - - - - -	1964
Abdullah, Solmi Binti, B.D.S. - - - - -	1963
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
Acott, Brenton, B.Sc. - - - - -	1963
Adam, Campbell Paterson, B.E. - - - - -	1961
Adam, Elizabeth Anderson, B.A. - - - - -	1949
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, Reginald Austin Sorby, B.A. - - - - -	1966
Adams, Reginald Keith Sorby, M.A. (B.A., 1922) - - - - -	1926
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, 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
Aistrophe, 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 Horold, B.A. - - - - -	1943
Alcock, John Francis, B.Sc. - - - - -	1962
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
Aleksandrovics, Pavils, B.Tech. - - - - -	1958
Alexander, Donald John, B.E. - - - - -	1951
Alexander, Francis Mackay Aberdeen, B.Tech. - - - - -	1965
Alexander, Rosemary Margery Blanche, LL.B. - - - - -	1935
Alexander, William Colin, B.E. - - - - -	1928
Alexandravicius, Vera, B.D.S. - - - - -	1954
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, Ph.D. (M.Ag.Sc., 1961) - - - - -	1966
Allen, David William, B.E. - - - - -	1954
Allen, Douglas Morris, M.B., B.S. - - - - -	1964
Allen, Dulce Dawn, B.A. - - - - -	1945
Allen, Edgar, M.A. (B.A., 1909) - - - - -	1913
Allen, Gordon Lewis, B.E. - - - - -	1951
Allen, Gordon Vivian, B.E. - - - - -	1936
Allen, Gwenneth Dawn, B.Sc. - - - - -	1947
Allen, Henry Joshua, M.A. (B.A., 1927) - - - - -	1929
Allen, James Lawrence, B.A. - - - - -	1935
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, Murray William, B.E. - - - - -	1950
Allen, Norman Russell, B.Sc. - - - - -	1967
Allen, Peter Edward Marshall, D.Sc. (Birmingham, 1963) - - - - -	1964

* Deceased

Allen, Peter Gordon, B.Ag.Sc.	1965	Andrejewskis, Andrew Joseph, B.Sc.	1967
Allen, Philip Wesley, M.B., B.S.	1960	Andrew, Brian William, B.E.	1948
Allen, Robert John, B.Sc.	1962	Andrew, Hugh Graham, M.B., B.S.	1941
Allen, Roger Dean, B.A.	1966	Andrew, Ray Vernon, D.Litt. (Potchefstroom, 1960)	1962
Allen, Roy, M.B., B.S.	1951	Andrew, Rodney Kenneth, B.A.	1966
Allen, Shirley Hope, B.Sc.	1943	Andrew, Ronald Headland, M.B., B.S.	1953
Allen, Thomas Howard, M.B., B.S.	1953	Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932)	1947
Allen, William Douglas, B.Sc.	1934	Andrews, Alexander James, B.Ec.	1962
Allert, Margaret Elizabeth, B.A.	1950	Andrews, Anthony John, B.Sc.	1963
Alley, Sheila Grace, B.A.	1967	Andrews, Brian Keith, B.Tech.	1965
Allison, Graham Bruce, B.Sc.	1964	Andrews, Francis Brian, B.E.	1961
Allison, John Kenneth, B.A.	1939	Andrews, James Stephen, B.E.	1964
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Andrews, Jean Mary Agnes, B.A.	1948
Almond, William Wesley, B.Sc. (Eng.)	1945	Andrews, Jennifer Ruth, B.A.	1958
Aloyah, Abdul Rahman, B.A.	1965	Andrews, Judith Mary, B.A.	1957
Alpers, John Henry, M.B., B.S.	1960	Andrews, Julian, M.B., B.S.	1932
Alpers, Michael Philip, B.Sc. M.B., B.S.	1961	Andrews, Murray William, B.Sc.	1949
Althorp, John Clark, B.A.	1965	Angel, David Norman, LL.B.	1967
Altman, Olive Stella, B.A.	1948	Angel, Laura Madeline, M.Sc. (B.Sc., 1931)	1938
Altmann, Arthur Richard, B.E.	1920	Angel, Mary Taylor, M.B., B.S.	1931
Altmann, Frank William, M.B., B.S.	1959	Angel, Robert John, B.E.	1967
Altmann, Herbert Franz, M.B., B.S.	1922	Angley, Ronald James, M.Sc. (B.Sc., 1951)	1954
Alwyn, John Edward Stacey, M.B., B.S.	1958	Angove (nee Clare), Dorothy Cotgrave, B.A.	1912
Ambastha, Harendra Narayan Sinha, M.Ag.Sc.	1954	Angove, Robert Alfred, B.Ec.	1966
Ambrose, Betty Rosslyn, M.B., B.S.	1936	Angove, Roger Clare, M.B., B.S.	1938
Ambrose, John Rosslyn, M.B., B.S.	1943	Angus, Alistair McClure, B.Arch.	1966
Ambrose, Rosemary Searle, B.A.	1967	Angus, Barbara Ann, M.B., B.S.	1954
Amev, Douglas John, B.E.	1956	Angus, William, B.Sc. (Aberdeen, 1900)	1905
Amev, Ian Frank, B.E.	1959	Angus, William Roy, M.B., B.S.	1923
Amev, Lloyd Ronald, B.Ec.	1951	Angwin, William Britton, B.Sc.	1909
Amos, George Lewis, M.Sc. (B.Sc., 1936)	1939	Anear, Douglas Innes, B.Sc.	1944
Amos, Kenneth Albert, Ph.D. (B.Sc., 1960)	1965	Anells, Ralph Edwards, B.D.S.	1951
Ananda, George Devanayagam, M.B., B.S.	1965	*Anells, William Charles, M.A. (B.A., 1897)	1899
Anastas, George, M.B., B.S.	1959	Anslie, Ralph William, Ph.D. (Alberta, 1963)	1965
Ancans, Guntis Juris, B.Tech.	1964	Anstey, Marie Therese, B.A.	1961
Ancell, Brian Edward John, M.B., B.S.	1957	Antcliffe, Gault Anderson, Ph.D. (B.Sc., 1959)	1966
Andary, Dean, B.D.S.	1956	Anthony, Wayne Richard, B.Sc.	1961
Anders, Douglas John, B.Sc.	1936	Antonisz, Matthew Wilfred, B.A.	1955
Anders, Ralph Charles, B.E.	1934	Antic, Ratomir, M.B., B.S.	1965
Andersen, Graham John, M.B., B.S.	1961	Antoniu, Dulcie, M.B., B.S.	1964
Andersen, Kerstin Lillemor, B.A.	1934	Apostol, Vasille Papadimitriou, LL.B.	1952
Andersen, Neville Paul, LL.B.	1963	Appelbee, Peter Ronald, B.D.S.	1957
Anderson, Adrian Akhurst, B.E.	1925	Appleby, Arthur George, B.E.	1923
Anderson, Alan Bruce, B.Sc.	1922	Appleby, Cyril Angus, B.Sc.	1949
Anderson, Albert Raymond, M.B., B.S.	1951	Appleby, Harold Henry, M.B., B.S.	1925
Anderson, Alex Gordon, B.Sc.	1953	Appleby, Robert William, M.B., B.S.	1956
Anderson, Alison Margaret, B.A.	1937	Appleby Ronald Louis, B.Sc.	1950
Anderson, Aubrey James Clifton, B.A.	1947	Appleton, Brian Scott, B.Arch.	1964
Anderson, Barry Charles, B.Sc.	1962	Appleton, Edgar Arthur, B.A.	1949
Anderson, Claude Leonard, M.B., B.S.	1933	Appleton, Joan Mary, B.A.	1959
Anderson, Colin Charles, B.Sc. (Eng.)	1944	Appleton, Kathleen Margaret, B.A.	1966
Anderson, David Lee, B.Sc.	1966	Apps, Bert Frederick George, B.A. (Melbourne, 1934)	1949
Anderson, Donald, B.Tech.	1967	Araszkiwicz, Wieslaw, B.E.	1965
Anderson, Donald Robert Ross, M.B., B.S.	1947	Arato, Gabor, B.D.S.	1964
Anderson, Dorothy Kathleen Ross, M.B., B.S.	1942	Arbery, James Herbert, B.A.	1959
Anderson, Douglas Bruce, B.E.	1952	Archbold, Ralph Thomas, B.A.	1967
Anderson, Geoffrey Fraser, LL.B.	1943	Archer, Geraldine, M.B., B.S.	1948
Anderson, Gordon Athol, Mus.Bac. B.A.	1958	Archer, Rosemary Truda, B.A.	1967
Anderson, Graham Lancelot George, B.Sc.	1959	Archibald, Francis Callum, M.B., B.S.	1944
Anderson, Gwendoline Mary, B.A.	1933	Arcus, Wesley John, B.A.	1953
Anderson, Ian Robert, B.Sc.	1963	Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931)	1934
Anderson, Isabella, B.A.	1930	Ardlie, Neville Gordon, M.B., B.S.	1962
Anderson, Jack Sidney, M.B., B.S.	1944	Ardmongon, Saksit, M.App.Sc.	1964
Anderson, Jeffrey Philip, LL.B.	1967	Arend, Maureen Mignon, B.Sc.	1966
Anderson, Jillian Faye, B.A.	1967	Ariffin, Asiah binti, B.Sc.	1964
Anderson, Jillian Mariel, B.A.	1965	Arminas, Jurgis, B.Ec.	1962
Anderson, John Brayton, M.B., B.S.	1957	Armour, Patricia, B.A.	1966
Anderson, John Julian, Ph.D.	1966	Armstrong, Gowan, B.A.	1951
Anderson, John Robert, Ph.D. (Cambridge, 1954)	1966	Armstrong, Graeme John, B.App.Sc. (B. Tech., 1959, surrendered)	1961
Anderson, Joseph Garry, B.Tech.	1961	Armstrong, John McDougall, Ph.D.	1963
Anderson, Kevin, M.D. (London, 1951)	1960	Armstrong, John Talbot, B.Tech.	1958
Anderson, Malcolm Webber, B.E.	1955	Armstrong, Ronald Gordon, B.Arch.	1966
Anderson, Margaret Jenn, B.Ec.	1964	Arnold, Alan Ross, B.Tech.	1960
Anderson, Max Kimberley, M.B., B.S.	1943	Arnold, Brian Kingsley, B.App.Sc.	1964
Anderson, Paul Joseph, M.B., B.S.	1962	Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Anderson, Peter, B.Tech.	1964	Arnold, Herbert Rex, B.A.	1956
Anderson, Peter Cameron, M.B., B.S.	1955	Arnold, Maurice, B.E. (B.Sc. (Eng.), Natal, 1940)	1961
Anderson, Robert Paul, LL.B.	1962	Arnold, Richard Walker, B.Sc.	1962
Anderson, Ronald Alexander, B.Sc.	1948	Arnold, Terrence Dunmore, B.Tech.	1964
Anderson, Sesca Ross, LL.B.	1941	Arnold, William Robert, B.E.	1948
Anderson (nee Lewis), Sylvia Hilda, M.Sc. (B.Sc., 1950)	1954		
Anderson, William Moffat, B.E.	1920		

* Deceased

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
Aston, Robert Graham, B.A.	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
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)	1980
Atkinson, Nancy, D.Sc. (M.Sc., Melbourne, 1932)	1957
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
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
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
Backstrom, Robert Peter, B.Sc.	1964
Badcock, Neil Raymond, B.Sc.	1966
Badcock, Peter Bruce, B.Sc.	1966
Baddams, Greta, B.A.	1940
B.Sc.	1943
Baddams, Violet Themie, 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
Badhesha, Jagdev Singh, M.B., B.S.	1958
Badman, Shirley, B.Sc.	1945
Baghurst, Harold Charles, B.E.	1942
Bagot, Charles Herve, M.Sc. (B.Sc., 1957)	1961
Bagot, Edward Mead, M.A. (B.A., 1911)	1919
Bagot, John Herve, B.A. (Cambridge, 1930)	1931
Bagshaw, Dale Margaret, B.A.	1964
Bahr, John Leslie, B.Sc.	1965
Bahr, Trevor Ross, B.E.	1954
Bailey, Alan Paterson, M.Ec. (B.Ec., 1948)	1952
Bailey, Colin Arthur, M.B., B.S.	1958
Bailey, Frederick Manson, B.Sc.	1927
Bailey, Hubert John, M.B., B.S.	1954
Bailey, Keith William, B.D.S.	1951
Bailey, Lindsay Frank, B.Ag.Sc.	1963
Bailey, Marjorie Anne Paterson, B.A.	1954
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
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
Baker, Donald Montgomery, B.E.	1955
Baker, Glenys Anne, B.A.	1963
Baker, Irving Noel, M.Sc. (B.Sc., 1953)	1955
Baker, Jeffrey Clifford, B.E.	1966
Baker, Ralph Alderton, M.B., B.S.	1912
Baker, Reginald John, B.A.	1964
Baker, Richmond Jeffrey B.Sc.	1961
Baker, Robert Morgan, B.Ag.Sc.	1940
Baker, Roderick Geoffrey Hoad, B.Ec.	1967
Baker, Rosemary Anne, B.Sc.	1952
Baker, Walter Ross, B.E.	1931
Baker, Warwick John, B.E.	1957
Bal, Kirpal Singh, B.E.	1958
Bald, Robert Cecil, LL.B. M.A. (Ph.D., Cambridge, 1929)	1930
D.Litt.	1946
Bald, William Charles, B.A.	1957
Baldacchino, Charles Francis, M.B., B.S.	1952
Baldo, Brian Angelo, B.Sc.	1967
Baldock, Desmond John, B.Sc.	1960
Baldock, Lyle Talbot, B.E.	1963
Baldock, Robert Neil, B.Sc.	1963
Baldwin, Grantley Barrington, B.Sc.	1963
Balharry, Gavon John Edward, B.Sc.	1966
Ball, Jeffrey William, B.Ag.Sc. B.Ec.	1964
Ball, John Minchin, B.E.	1967
Ball, Karl George, M.B., B.S.	1961
Ball (ne ^e Humphry), Lulu Eileen, B.Sc.	1946
Ball, Robin, B.A.	1935
Ballai, Nandor, M.B., B.S.	1967
Ballantyne, Christopher George Henry, B.Sc.	1956
Ballantyne, Elsie Ray, M.A. (B.A., 1928)	1965
Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932)	1931
M.Ag.Sc.	1933
Ballinger, John Albyn, B.Arch.	1933
Ballinger, Marie Elizabeth, B.A.	1965
Balmer, Jean Jacques, B.A.	1966
Bamford, Robert Leslie, B.E.	1959
Bampton, Robert Leslie, B.E.	1961
Bampton, Colin Charles, B.Sc. (Eng.)	1942
Bampton, John Charles, M.B., B.S.	1954
Bampton, Victor Guy, M.B., B.S.	1965
Banks, Alan, B.E.	1948
Banks, Alan Walker, M.Sc.	1958
Bannigan, John Thornton, B.Sc.	1949
Bannister, Lloyd Benjamin, B.E.	1951
Bannon, John Charles, LL.B.	1967
Banos, Poppy Kalliopi, B.Sc.	1954

* Deceased

Banyer, Robert John, B.Sc.	1959	Barter, Brian Fenton, LL.B.	1963
Barber, Howard Frank, B.A.	1939	Barter, Christopher John, B.E.	1965
Barber, Kenneth, B.Sc.	1944	Barter, Colin Edwin, M.B., B.S.	1962
Barbour, John Russell, M.S. (M.B., B.S., 1934)	1944	Barter, Francis Charles, LL.B.	1931
Barbour, Richard Stewart, M.B., B.S.	1967	Barter, Ian Walter, M.B., B.S.	1962
Barbour, Robert, B.A.	1916	Barter, Janet Elizabeth, B.A.	1963
Barbour, Robert Angus, M.D. (M.B., B.S., 1955)	1962	Barter, Kenneth Edwin, B.A.	1931
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930)	1930	Barter, Philip John, M.B., B.S.	1965
Barclay, Christopher John, B.Sc.	1967	Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953
Barclay, Colin William, B.Tech.	1963	Barter, Ruth Estelle, B.A.	1931
Barclay, Ian Frank Ballington, B.E.	1967	Bartholomaeus, Clifford Geoffrey, B.E.	1930
Barclay, Peter Barrey, B.A.	1965	Bartholomaeus, Edmund Stanley, B.A.	1914
Barden, Ronald George, B.E. (B.Sc. (Eng.), London, 1947)	1954	Bartholomaeus, Richard Voules, B.D.S.	1955
Ph.D.	1957	Bartleet, Nancy Irene, B.A.	1939
Bardolph, Helen Julia, LL.B.	1965	Bartlett, Brian Mervyn, B.Sc.	1949
Bardsley, Kenneth Leon, B.A. (Queensland, 1959)	1966	Bartlett, John Phillip, B.Sc.	1966
Barker, Alwyn Bowman, B.E.	1923	Bartlett, William John, M.A. (B.A., 1912)	1914
B.Sc.	1931	Bartley, Helen Louise, B.A.	1962
Barker, Anthony Alfred, M.Sc. (B.Sc., 1961)	1965	Barton, Alan Reginald, B.Sc.	1962
Barker, Brian, B.Tech.	1967	Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960
Barker, Dean Ellis, B.E.	1966	Barton, David Charles, M.B., B.S.	1956
Barker, Denis, M.B., B.S.	1956	Barton, Felix Kingston, B.A.	1911
Barker, Edgar James, B.E.	1966	Barton, Gillian Ruth, B.A.	1967
Barker, John Hugh, B.D.S.	1967	Bartsch, Kenneth Murray, B.E.	1958
Barker, John Wesley, B.Mus.	1966	Bartsch, Malcolm Ian, B.A.	1966
Barker, Jonathan Kemp, B.A.	1965	Bartusek, Josef, B.E.	1965
Barker, Shelley, Ph.D. (Western Australia, 1960)	1965	Bartusek, Karel, B.Sc.	1963
Barker, Shirley Bowman, M.B., B.S.	1954	Barwell, Mary Gilbert, B.A.	1926
Barkham, Nigel Frederick, B.Tech.	1964	Barwick, Ian James, B.Arch.	1966
Barlow, Arthur John, B.Sc.	1949	Barwick, Noel Kenneth, M.B., B.S.	1965
Barlow, Bryan Alwyn, Ph.D. (Sydney, 1960)	1966	Basedow, Bernhard Frederick, B.Ec.	1954
Barlow, Douglas Arthur, B.Sc.	1942	Basedow, Karl Johannes, M.B., B.S.	1938
Barlow, Douglas John, M.B., B.S.	1959	Basford, David Anderson, B.Tech.	1967
Barlow, Grace Barbara, B.A.	1951	Basheer, Keith Cameel, M.B., B.S.	1953
Barlow, Marguerite Mora, M.B., B.S.	1947	Basheer, Max Rafeek, LL.B.	1952
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Basheer, Ray, B.E.	1962
Barlow, Peter Francis, B.E.	1962	Bassett, Maxwell Auger, B.Ec.	1951
Barnard, Howard Lucas, B.E.	1924	Basson, Alfred Graham, M.Ag.Sc. (B.Ag.Sc., 1960)	1965
Barnard, Marguerita Mira, B.A.	1911	Basten, Antony, M.B., B.S.	1964
Barnden, Frederick Wayne, B.Ag.Sc.	1962	Basten, Sir Henry Bolton, M.A. (Oxford, 1954)	1954
Barnden, Leighton Reginald, B.Sc.	1965	Bastian, Elwin Scott, B.A.	1956
Barnden, Vina Melba, Mus.Bac.	1935	Bastian, Peter Desmond, B.Med.Sc.	1966
Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951	Basto, Antonio Alberto, B.Ec.	1957
Barnes, David Thomas, M.B., B.S.	1951	Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959	Batchelor, John, B.E.	1956
Barnes, Frederick Lynne, B.Sc.	1938	Bate, Brian Gilbert, B.Arch.	1967
Barnes, Geoffrey Lynne, B.Sc.	1966	Bateman, Gretel Mary, B.Sc.	1958
Barnes, Marjorie Joyce, LL.B.	1937	Bateman, Peter Patrick, M.B., B.S.	1950
Barnes, Peter Thomas, M.B., B.S.	1965	Bateman, Roger George, B.Sc.	1966
Barnes, Robert, M.B., B.S.	1948	Bateman, Wilfrid, B.Sc.	1941
Barnes, Ronald David, B.Ec.	1955	Bateman, Winston Trevor, B.E.	1956
Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950	Bates, Betty, B.Sc.	1939
Barnett, Michael Powell, M.B., B.S.	1963	Bates, Brian Lewis, B.Sc.	1947
Barnett, Roger Ernest, B.Sc.	1963	Bates, David George, M.B., B.S.	1966
Barnett, Samuel Powell, M.B., B.S.	1927	Bates, Robert Thomas James, M.B., B.S.	1962
Barnfield, George Thomson, LL.B.	1937	Bates, William George James, B.E.	1935
Barr, Alan Marshall, M.B., B.S.	1957	Bateup, John Fraser, B.E.	1960
Barr, Helen Elizabeth, B.Sc.	1947	Bath, Donald James, B.E.	1950
Barr, Ian Lewis, M.B., B.S.	1966	Batt, Keith Alfred, B.A.	1966
Barr, Trevor Frank, B.A.	1966	Battersby, Robert Hilton, B.Arch.	1961
Barratt, Lindsay John, M.B., B.S.	1965	Battye, Virginia Margaret, B.A.	1967
Barratt, Arthur Jeremy, B.Ec.	1959	Battye, Gavin Ross, B.E.	1949
Barrett, Beverley Noelle, B.A.	1960	Baudinet, Walter Hooper, M.B., B.S.	1935
Barrett, Donovan Thomas, B.A.	1967	Bauer, Franz, M.B., B.S.	1942
Barrett, Harold John, B.A.	1956	Bauer, Noel Westley, B.Sc.	1962
Barrett, Judith Eleonor, B.Sc.	1964	Bauerochse, Thomas Robert George, B.Sc.	1967
Barrett, Lynne Mary, B.A.	1966	Baum, Murray Richard, B.A.	1955
Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949	Baumanis, Iona Yvonne, LL.B.	1964
Barrett, Pamela Rhodes, B.A.	1967	Bawden, Albert Victor, B.A.	1930
Barrett, William Vernon, B.A.	1949	Bawden, Maxwell George, M.B., B.S.	1954
Barrett-Lennard, Lancelot, M.B., B.S.	1947	Bawden, Thomas Edward, B.Sc.	1956
Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938	Baxter, Jeffrey Peter, B.Sc.	1967
Barrien, John, B.E.	1948	Baxter, Reginald Robert, B.Sc.	1912
Barritt, Gregory John, B.Sc.	1966	Baxter, Robert Crawford, B.Ag.Sc.	1959
Barritt, Lola Marjory, B.A.	1955	B.Ec.	1961
Barrow, Christopher Graham, M.B., B.S.	1963	Bayer, David, B.E.	1964
Barrow, Kevin David, Ph.D. (B.Sc., 1963)	1967	Bayliss, Colin Evan, M.B., B.S.	1951
Barrow, Natalia, M.B., B.S.	1963	Bayly, Elizabeth Jean, B.A.	1960
Barrow, Peter McKee, B.Ag.Sc.	1949	Bayly, Michael Wykeham, B.Tech.	1963
Barry, Brian Robert, B.Ec.	1950	Bayne, Ian William, B.D.S.	1967
		Baynes, William Hendrie, B.A.	1961
		Bazeley, Austin Joseph, B.D.S.	1955
		Bazeley, Francis, B.E.	1950
		Beach, Stephen Rodney Napier, B.Tech.	1966

* Deceased

Beacham, Kenneth William, B.E.	1961
Beal, Robert William, M.B., B.S. (Sydney, 1958)	1966
Beames, Lloyd Arthur, B.Tech.	1959
Bean, Sir Edgar Layton, B.A., LL.B.	1913
Bean, Edgar Stewart, M.B., B.S.	1947
Bean, Malcolm James Layton, B.D.S.	1954
Beaney, Harold Leigh, M.E. (B.E., 1932)	1959
Beard, Donald Douglas, M.B., B.S.	1947
Beard, Jack Roland Stanley Grose, M.B., B.S.	1914
Beard, Malcolm James, B.Ec.	1966
Beard, Roland Maurice Charles Georges, M.B., B.S.	1946
Beardwood, David Arthur, M.B., B.S.	1966
Beare, Adrienne Ruth, B.Sc.	1963
Beare, Hedley, B.A.	1954
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
Beare, Thomas Hudson, M.B., B.S.	1952
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1951
Bearman, Imelda, B.A.	1952
Beasley, Peter Robert Noble, B.D.S. (Sydney, 1945)	1965
Beasley, Victor John, B.A.	1957
Beaton, Doris Jean, LL.B.	1940
Beattie, Robin Riddell, M.B., B.S.	1966
Beatty, James Douglas John, LL.B.	1967
Beauchamp, Edward Benjamin, LL.B.	1927
Beauchamp, Geoffrey Peter, B.Sc.	1964
Beaumont, Gordon Dean, M.S. (M.B., B.S., 1959)	1966
Beaumont, Olive Sowter, B.A.	1939
Beaumont, Paul Charles, B.A.	1921
Beaussant, Philippe Jacques Henri, B.A. (L'èsL., Paris, 1959)	1966
Beck, Alan Beavis, D.Sc. (B.Sc., 1930, M.Sc., 1932)	1965
Beck, Kevin Charles, B.Sc.	1957
Beck, Lynette Marion, B.Sc.	1964
Beck, Malcolm John, B.Sc.	1964
Beck, Merlin Benjamin, B.Ag.Sc.	1949
Beck, Robert George, B.Ag.Sc.	1941
Becker, Roy Colin, B.A.	1965
Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956)	1959
Beckwith, Peter Malbyse, B.Ec.	1967
Beckwith, Ralph Symonds, B.Sc.	1944
Beckwith, Shirley Katie, B.A.	1939
Bedford, Anthony John, B.App.Sc.	1966
Bednall, Brian Herbert, B.Sc.	1925
Bednall, David Maurice, LL.B.	1953
Bednall, Ian William Gordon, B.E.	1958
Bednall, Maurice William, LL.B.	1924
Bee, John Broadhurst, B.Ec.	1964
Beech, Ernest Robert, M.B., B.S.	1932
Beech, Margaret Doris, B.Sc.	1952
Beecham, Anthony Frank, B.Sc.	1950
Beer, Alison Mary, B.A.	1967
Beer, Barbara Helen, M.B., B.S.	1956
Beer, Donald Robert, B.A.	1961
Beetham, Richard Matthew, M.Ec.	1967
Begg, Barbara Rosemary, B.Sc.	1947
Begg, Betty Shannon, M.B., B.S.	1949
Begg, Malcolm William, M.B., B.S.	1956
Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918
Behrens, Dietrich Wilhelm Frido, B.A.	1960
Behrnt, Arthur Clive, M.B., B.S.	1948
Beilby, Bruce Parnell, B.E.	1952
Beilby, Jack Canavan, M.B., B.S.	1956
Bekkers, Joseph John, B.Sc.	1966
Bell, Donald George, B.A.	1941
Bell, Franklyn Gilbert, M.B., B.S.	1949
Bell, Philip David, B.Ec.	1966
Bell, Thomas Norman, Ph.D. (Durham, 1957)	1959
Bellchamber, Kenneth Charles, B.Ec.	1963
Belleli, Emma, B.A.	1967
Belleli, Rebecca, B.A.	1964
Beltrame, Gino Ernest, B.E.	1957
Bender, Jill Margaret, B.A.	1954
Benjulis, Julius, B.E.	1963
Benjaminson, Albert, B.E.	1951
Bennett (nee Berriman), Annie Stevens, B.A.	1919
Bennett, Brian Thomas, B.Sc.	1963
Bennett, Charles Gordon, B.A.	1922
Bennett, David John, B.Sc.	1932
Bennett, Donald Collier, M.B., B.S.	1946
Bennett, Donald John, B.E.	1954
Bennett, Floyd Chester, B.A.	1951
Bennett, Frederick Norman, B.A.	1905
Bennett, Graham Leslie, M.B., B.S.	1935
Bennett, Gregory William, Ph.D. (B.Sc., 1961)	1966
Bennett, Henry Trevor, LL.B.	1962
Bennett, James Gordon, B.E.	1950
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	1966
Bennett, John Barkly, M.B., B.S.	1958
Bennett, John Henry, Ph.D. (Cambridge, 1952)	1947
Bennett, John Nelson, LL.B.	1957
Bennett, Keith McQuarrie, B.E.	1944
Bennett, Malcolm Gordon, B.A.	1925
Bennett, Mary Gilmour, B.Sc.	1958
Bennett, Pauline Jennifer, B.A.	1951
Bennett, Richard Barkly, M.B., B.S.	1967
Bennett, Richard Clayton, M.S. (M.B., B.S., 1954)	1948
Bennett, Thomas Southall, B.A.	1966
Bennett, William Barkly, M.B., B.S.	1933
Bennetts, Ian Burns, B.A.	1956
Bennier, Donald John, B.E.	1964
Benny, Geoffrey Kenelm, B.Tech.	1951
Benskin, Frederick George, M.A. (Oxford, 1900)	1965
Benson, Colin John, M.B., B.S.	1923
Benson, Maurice Bernard, B.A. (London)	1953
Benson, Richard Neville, M.B., B.S.	1950
Benson, William Herbert, M.B., B.S.	1953
Bent, Bernard Henry, B.E.	1951
Bentley, Alan, M.B., B.S.	1964
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.	1967
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1965
Beretka, Julius Gyula, M.Sc.	1949
Bereznai, George Thomas, B.E.	1962
Berndt, Judy Margaret, B.A.	1967
Berndt, Kenneth Lewis, B.Sc. B.A.	1966
Berndt, Margaret Burgoyne, B.A.	1937
Berriman, Ian Palmer, B.E.	1943
Berriman, Peter Souter, B.Sc.	1962
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered)	1955
Berry, Christine, B.A.	1954
Berry, Frances Winifred, M.A. (B.A., 1915)	1919
Berry, Leslie Thomas McCloud, B.Sc.	1963
Berry, Patricia Dean, B.Sc.	1919
Berry, Philip Alan, M.Sc. (B.Sc., 1919)	1962
Berry, Thomas Bruce, B.D.S.	1952
Berryman, Donald Wilson, B.Tech.	1934
Berryman, Maurice James, B.E.	1953
Bert, Ernest Julius, B.E.	1962
Besanko, Patricia June, B.A.	1956
Besley, Robert Ellis, B.Sc.	1921
Bessant, Dorothy Elizabeth, B.A.	1964
Best, Effie Deland, B.Sc.	1966
Best (nee Deland), Effie Wyllie, M.Sc. (B.Sc., 1926)	1952
Best, Geoffrey Richard, B.Sc.	1963
Best, Michael Robert, Ph.D. (B.A., 1961)	1967
Best, Rupert Faraday, B.Tech.	1966
Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	1960
Bested, Gordon John, B.A.	1948
Bested, John Charles, B.Tech.	1942
Betcher, Kelvin Bernard, M.B., B.S.	1965
Betheras, Frank Rex, M.B., B.S.	1961
Bettison, Irvine James, B.A.	1957
Bettison, Margaret Selina, B.A.	1961
Bettison, Suzanne, B.A.	1949
Betts, Beatrice Berenice, B.A.	1961
Betts, Roger Michael, LL.B.	1949
Betts, William James, M.B., B.S.	1964
	1933
	1967
	1941

* Deceased

Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	1960	Black, Ian Donald, B.A.	1964
Bevan, Medhurst Llewellyn Willett, LL.B.	1931	Black, James Foster Barham, B.E.	1955
Bevan, Rosalind Mary Willett, LL.B.	1959	Black, John Nicholson, D.Sc.	1965
Beven, Annette Thelma, B.A.	1966	Black, Nancy Helen Barham, M.B., B.S.	1951
Beven, Raymond Harold, B.Sc.	1962	Black, Robert Barham, M.B., B.S.	1963
Beverley, David William Ernest, B.E.	1951	Blackburn, Sir Charles Bickerton, B.A.	1893
Beverley, Douglas Andrew, B.Sc.	1966	Blackburn, Harold Stewart, M.B., B.S.	1942
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Blackburn, John Stewart, B.A.	1914
Beviss, Archibald Charles Kidman, B.A.	1943	Blackburn, Margaret Alison, B.A.	1951
Beviss, Joan Elkah, B.A.	1967	Blackburn, Richard Arthur, B.A.	1939
Bhavailai, Ravi, M.Sc.	1952	Blackburn, Robert Stewart, B.D.S.	1941
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	1944	Blackburn, Suzanne Burton, M.B., B.S.	1948
Bice, Christine Margaret, B.A.	1964	Blackburn, Trevor Robert, B.Sc.	1964
*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920	Blacket, Alison Flora, B.A.	1954
Bickerton, Ian James, B.A.	1961	Blacket, Arthur Howard, B.A.	1927
Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935	Blacket (nee Dickinson), Edith Grace, B.A.	1926
Bickley, Garry Clifford, B.A.	1965	Blacket, Margaret Edith Wilmot, B.A.	1960
Biddle, Enid Barbara, B.A.	1948	Blackman, Betty Grace, B.Sc.	1963
Biddle, Gordon Crawford, B.Sc.	1950	Blackman, Lynette Nancy, B.A.	1960
Bidstrup, Patricia Anne, B.A.	1967	Blackmore, Gerda, B.A.	1958
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958	Blackwell, Muriel, B.A.	1954
Biele, Keith William, B.Ec.	1952	Blackwell, Philip Walter, B.Sc.	1964
Bienert, Gunter Horst, B.Sc.	1960	Blades, James Frederick, B.A.	1947
B.A.	1965	Blaess, Frank Haydn, B.A.	1964
Bieske, Elaine Alison, B.Sc.	1962	Blaess, Frederick John Henry, M.A. (B.A., 1938)	1943
Biezaitis, Laima Asja, B.Sc.	1963	Blaess, Ronald Frederick, B.A.	1943
Biezaitis, Sandra Mara, B.Mus.	1966	Blagrove, Robert John, B.Sc.	1964
Biggins, George Edward, B.E.	1960	Blair, David Scott, B.E.	1949
Bigham, Donald Alexander, B.Sc.	1963	Blair, Joan Scott, B.A.	1949
Billing, Robert Heaton, B.Ec.	1960	Blair, Ruth Margaret, B.A.	1951
Billinghurst, Harry, B.E.	1954	Blake, Alastair Joseph, Ph.D. (B.Sc., 1962)	1967
Billinghurst, Onslow Chestle, B.E.	1958	Blake, Milton Audley, B.Sc.	1923
B.Ec.	1963	Blake, Richard Scott, B.Sc.	1964
Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	1952	Blakeway, Lionel Norman, B.A.	1948
*Bills, Allan Maynard, B.A.	1931	Blanch, Beverley Ruth, B.Sc.	1956
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Blanden, Robert Vincent, M.D.S. (B.D.S., 1961)	1966
Bills, David Charles, B.Sc.	1950	Blandy, Charles William Douglas, B.E.	1963
Bills, Lawrence McAusland, LL.B.	1937	Blandy, Richard John, B.Ec.	1961
Bills, Malcolm Bruce, B.D.S.	1947	Blanks, Brent, B.Arch.	1965
Bilney, Gordon Neil, B.D.S.	1962	Blanksby, John William, B.Sc.	1961
B.A.	1966	Blanksby, Peter Ernest, B.Sc.	1964
Bilney, Neil Joseph, B.A.	1938	Blaskett, Alan Charles, B.Sc.	1950
Bilton, Anthony Herbert, M.B., B.S.	1958	Blaskett, Donald Reginald, B.E.	1940
Binks, Charles Christopher Agar, LL.B.	1966	Blaskett, Kenneth Selway, B.E.	1931
Binks, Jennifer Anne, M.A. (B.A., 1962)	1966	Blaskett, Malcolm John, B.E.	1959
Binns, Elizabeth Anne, B.A.	1967	Blaskett, Sydney Norman, B.E.	1928
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937	Bleby, David John, LL.B.	1963
Birch, John Bright, M.B., B.S.	1915	Bleby, Dorothy Aileen, B.A.	1930
Birch, Louis Charles, D.Sc. (M.Sc., 1941)	1949	Bleby, Gordon Edward Henry, LL.B.	1931
Birchall, Michael Andrew Wardlaw, LL.B.	1965	Bleby, John Raymond, B.A.	1933
Birchall, Nicholas John Wardlaw, LL.B.	1956	Bleby, Thelma Evelyn, LL.B.	1923
Bird, Alan Francis, M.Sc.	1955	Blesing, Neville Victor, B.Sc.	1962
Bird, Peter Allan, B.A.	1958	Blesing, Rae Flora, B.A.	1947
Birdseye, Sydney Alick, M.B., B.S.	1951	Blesing, Robert Graham, B.Sc.	1966
Birks, Peter Macintyre, M.B., B.S.	1934	Blight, John Malcolm, B.Sc.	1950
Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	1960	Blight, Thomas David, B.Sc.	1951
Birks, Walter Gordon, M.B., B.S.	1937	Bliss, Philip Henry, B.A.	1967
*Birks, Walter Richard, B.Sc.	1910	Bloch, Frederick Archibald, B.Ec.	1967
Birrell, Archibald Novar, B.E.	1957	Bloomfield, Allan John, B.D.S.	1939
Bishop, Anthony Ralph, LL.B.	1961	Bloomfield, Denis Alexander, M.B., B.S.	1956
*Bishop, John, Mus.Doc. (D.Mus., Melbourne, 1963)	1964	Bloomfield, Jack Lee, B.Ec.	1943
Bishop, John Neil, B.Ec.	1958	Blown, William Baker, B.E.	1930
Bishop, Lyall Everard, B.Tech.	1964	Blum, John, B.D.S.	1955
Bishop, Michael Marriott, B.E.	1960	Boas, Isaac Herbert, B.Sc.	1899
Bishop, Peter Joseph, B.E.	1962	Boas, Robert Victor, B.E.	1966
Bishop, Robert Raymond, B.Sc.	1963	Boase, John William, B.Sc.	1967
Bishop, Ronald Maxwell, B.Tech.	1965	Boase, Judith Mary, B.Sc.	1964
Biswas, Samarendra Nath, Ph.D.	1958	Bock, Robert John, B.Tech.	1965
Bitmead, Francis Vincent, B.A. (Western Australia, 1949)	1960	Bockman, David, M.B., B.S.	1959
Bittner, Anita, B.A.	1956	Bodmer, Noel Frederick John, M.B., B.S.	1955
Black, Adrian Robert, B.Tech.	1965	Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949)	1955
Black, Andrew Barham, B.Med.Sc.	1963	Boehm, Jack, LL.B.	1952
M.B., B.S.	1964	Boehm, Rolfe Vernon, B.E.	1935
Black, Edward William, Mus.Bac.	1925	Boehm, Walter Gotthilf, B.A.	1953
Black, Eustace Couper, M.B., B.S.	1910	Boehmer, Sonya Anita, B.A.	1964
B.A.	1957	Boer, Edward Douglas, M.B., B.S.	1942
		Boeree, Robert Machiel, Ph.D.	1964
		Boettcher, Barry, Ph.D. (B.Sc., 1962)	1966
		Bogdan, Dominic Maria, B.A.	1967
		Bogner, Robert Eugene, M.E. (B.E., 1956)	1959
		Böhm, Robert Roman, B.Sc.	1967
		Bolin, Beverley Louise, B.E.	1948
		Bollen, Derek Willoughby, LL.B.	1951
		Bollen, Kenneth Willoughby, M.B., B.S.	1918
		Bollen, Michael Dean, M.B., B.S.	1963
		Bollen, Peter Willoughby, B.Sc.	1957

* Deceased

Bolt, Janet, B.A.	1961	Bowler, Michael John, LL.B.	1965
Bond, Leonard Gordon, B.A.	1924	Bowles, John Raymond, B.Sc.	1961
Bond, Roy Douglas, B.Tech.	1958	Bowman, Pamela Dawn, B.A.	1966
Bone, Maxwell Harold, B.A.	1938	Bowness, Alexander, B.Ec.	1947
Bonig, Alois Otto, B.A. (Melbourne, 1959)	1961	Bowness, Helen, B.Sc.	1965
Bonner, Brian Christopher, B.Sc. M.B., B.S.	1950	Bowyer, Donald Albert, B.E.	1957
Bonner, Helen Marjorie, B.A.	1957	Bowyer, Richard Dean, B.Tech.	1964
Bonnett, Dean William, B.App.Sc.	1967	Box, David Richard, B.Tech.	1962
Bonnett, John Charles, B.Sc.	1967	Boyce, Althea Enid, B.A.	1930
Bonney, Richard Askin, B.A.	1967	Boyce, Colin John, B.Arch.	1962
Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	1955	Boyce, Geoffrey David, B.Sc.	1967
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947	Boyce, Kevin Gilbert, B.Ag.Sc.	1964
Bonnin, Lansell, M.B., B.S.	1941	Boyce, Malcolm Herbert, B.Tech.	1960
Bonnin, Murray Frew, LL.B.	1936	Boyce, Peter James, B.Tech.	1960
B.A.	1947	Boyce, Robert William, B.E. B.Ec.	1954
Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944	Boyce, Sidney Herbert, B.E.	1967
Bonython, Charles Warren, B.Sc.	1938	Boyd, Ashley James, B.Sc.	1928
Bonython, John Langdon, B.A. (Cambridge, 1928)	1928	Boylan, Francis Eugene, LL.B.	1960
Bonython, Richard Martin, B.Ag.Sc.	1957	Boyle, Kevin William, B.E.	1953
Bonython, Vervan Eyres, B.A.	1967	Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	1940
Booker, Robert Franklin, M.A. (B.A., 1927)	1933	Boyley, Maxwell John, B.E.	1947
Boomer, Robert Garth, B.A.	1962	Brabham, Roy Andrew, B.E.	1964
Boomsma, Clifford David, M.Sc. (B.Sc., 1946)	1949	Brace, Richard Howard, B.A.	1956
Boon, Kwong Kah, B.E.	1959	Bracken, Anthony John, B.Sc.	1966
Boord, Frederick Hughes, B.A.	1956	Bracken, Maurice John, B.A.	1965
Boord, Leslie, B.E.	1953	Bradbury, James Samuel, B.Tech.	1947
Booth, Edward Stirling, B.Sc.	1932	Braddock, Lylall Arthur, B.Ec.	1960
Booth, Jean Marie, Mus.Bac.	1944	Braddock, Pamela Joyce, B.Sc.	1944
Borchardt, Mary Pauline, B.A.	1961	Braddock, Roger David, B.Sc.	1966
Borick, Kevin Vincent, LL.B.	1959	Braden, Allan Walter Horace, B.Sc.	1964
Borkus, Adolfs, B.Tech.	1967	Bradley, James, B.Tech.	1947
Borland, Francis Thomas, M.A. (Melbourne)	1952	Bradley, Michael Charles, M.A. (B.A., 1955)	1959
Boros, Peter George, B.E.	1959	Bradshaw, Alan William, B.Sc.	1960
Borrow, Keith Travers, LL.B.	1939	Bradshaw, Douglas Richard, B.Sc.	1967
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947	Bradtke, Walter John, M.B., B.S.	1965
Bosher, Peter Abel, B.E.	1950	Braendler, John Edward, B.A.	1960
Bosher, Victor James Marcel, M.Sc. (B.Sc., London)	1949	Bragg, Sir William Lawrence, C.H., B.A.	1967
Bosworth, Michael Richard, B.Sc.	1967	Braham, Henry Arnold Collyer, B.A.	1908
Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931)	1938	Brain, Patricia Ethel, M.B., B.S.	1959
Boswell, Roderick William, B.Sc.	1965	Brame, Alan John Fisher, B.E.	1957
Both, Roger James, B.Sc.	1965	Bramwell, Myra Gladys, B.A.	1951
Both, Ross Andrew, B.Sc.	1960	Brand, Ian Allen George, M.B., B.S.	1940
Botham, John Robert, B.Ag.Sc.	1950	Brandstater, Bernard John, M.B., B.S.	1960
Bott, Frederick Charles, M.B., B.S.	1967	Brandstater, Rhona, B.Sc.	1951
Botten, Robert Gray, M.B., B.S.	1949	Brandstater, Rhona, B.Sc.	1949
Bottrill, Dean Edward, B.Ag.Sc.	1961	Branford, Basil Luke, B.Ec.	1964
Bottroff, Peter Jeffrey, B.E.	1964	Branford, John Andrew, B.Tech.	1960
Boucaut, James Penn, LL.B.	1939	Branford, Neil Leslie, B.Ec.	1959
Boucaut, William Ray Penn, B.Sc.	1958	Branson, Colin William, B.Ec.	1955
Boughen, Lloyd Oscar, B.A.	1967	Branson, Dean Martin, M.B., B.S.	1955
Boundy, Clive Alfred Paul, B.E.	1935	Branson, Harrold Randolph, M.B., B.S.	1921
Boundy, Rex, B.E.	1923	Branson, Kenneth George, B.Ec.	1961
Boundy, William Stevenson, B.Sc.	1950	Branson, Robert James, B.Ec.	1962
Bourke, Elma Marie, B.A.	1933	Branson, Rodman Wayne, B.E.	1964
Bourke, Herbert Merwin, M.B., B.S.	1922	Brasch, Leonard William, B.Sc.	1950
Bourman, Robert Peter, B.A.	1967	Brauer, Arne, B.Ec.	1960
Bourne, Malcolm Cornelius, B.Sc.	1949	Brauer, Edwin Harold, B.A.	1947
Bowden, Barrie Strathmore, B.A.	1966	Brauer, Herman Gustav Adolph, M.A. (Wisc. consin, 1890)	1905
Bowden, Gavin David, B.E.	1967	Brauer, Renata Anna, B.A.	1965
Bowden, John Gilmore, B.Sc.	1954	Brauer, Thomas, B.Tech.	1959
Bowden, Kevin Benjamin, B.E.	1951	Braunthal, Norman Frank, B.Ec.	1947
Bowden, Wallace Auckland, M.B., B.S.	1953	Brawn, May, M.A. (B.A., 1922)	1924
Bowen, Graeme Philip, B.E.	1964	Bray, Andrew Mackie, M.E. (B.E., 1950)	1960
Bowen, Maurice Emanuel, LL.B.	1956	Bray, Elva Mildred, B.A.	1941
Bower, Cathy Hilary, B.A.	1952	Bray, Gildart Harvey, M.A., (Aberdeen, 1890)	1891
Bowering, Beryl, M.B., B.S.	1933	Bray, Isabel Mary, B.Sc.	1951
Bowering, Douglas Charles, M.B., B.S.	1954	Bray, John Jefferson, LL.D. (LL.B., 1932)	1937
Bowering, Michael Lester Wheatley, LL.B.	1964	Bray, John Marmion, B.Sc.	1942
Bowering, Owen James Wheatley, B.Sc.	1964	Bray, Kenneth William Arthur, M.A.	1962
Bowering, Owen Wheatley, M.B., B.S.	1937	Bray, Robert Stow, B.Sc.	1942
Bowering, Richard Samuel Wheatley, M.B., B.S.	1966	Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928)	1930
Bowering, Ronald Teasdale, B.D.S.	1965	Bray, William Harry, LL.B.	1951
Bowes, Colin Robert, B.Sc.	1945	Braysher, Michael Leonard, B.Sc.	1967
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945)	1948	Brazel, James Francis, LL.B.	1926
Bowes, Keith Russell, M.A. (B.A., 1955)	1958	Brazier, John Richard, B.A.	1948
Bowey, Allan Edgar, B.Sc.	1953	Brazier, Vincent John, B.D.S.	1965
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Breakey, Angus James, B.E.	1953
Bowey, Ross Richard, M.B., B.S.	1948	Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939
Bowie, John Hamilton, Ph.D. (Nottingham, 1964)	1967	Brealey, Keith Lisle, B.Sc.	1951
Bowie, John Kirkpatrick, M.B., B.S.	1937	Breasley, Maurice Norman, Ph.D.	1958
		Brebner, Charles Ross, LL.B.	1954
		Brebner, Donald Malcolm, LL.B.	1951
		Bree, Ellen Ruth, B.A.	1942
		Bree, Joan Alison, B.Sc.	1948
		Brennan, Maxwell Howard, Ph.D. (Sydney, 1953)	1964

* Deceased

Brentnall, George Rex, M.B., B.S.	1953	Brooks, Jennifer Ann, B.Sc.	1963
Bretag, Allan Hugo, B.Sc.	1964	Brooks, Joyce Dardanella, B.A.	1945
Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1957	Brooks, Julie Ann, B.A.	1965
Brett, Ian David, B.App.Sc.	1965	Brooks, Merle Olive, B.A.	1947
Brett, Peter Robin, B.Sc.	1956	Brooks, Mervyn Leslie, B.Sc.	1948
Brewster, James William, B.E.	1966	Brooks, Richard Edwin, B.Tech.	1967
Brewster-Jones, Anne Gerta, B.A.	1967	Brooks, Richard Rodney, B.E.	1935
Breynard, Keith Beaumont, B.E.	1956	Brooks, Robert John, M.B., B.S.	1967
Brice, Annette, B.A.	1954	Brooks, William Charles, B.A.	1967
Brice, Emilie Una, B.A.	1937	Broomhead, Edwin Norman, M.A. (B.A., 1938)	1940
Brice, Helen Elizabeth, B.Sc.	1953	Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931
Brice, Ian David, B.A.	1965	Brotherton, Roald Alfred, B.Sc.	1967
Brice, John Marshall, B.Sc.	1951	Brougham, John Harvey, B.E.	1960
Brideson, Colin Herbert, B.A.	1966	Broughton, Graham Ross, B.A.	1966
Brideson, Hedley Cyril, B.A.	1943	Broughton, Rodney Whitfield-Smith, B.E.	1953
Bridge, Kennedy James, B.A.	1959	Brous, Michel, M.B., B.S.	1945
Bridgewater, Franklin Herbert Griffin, M.B., B.S.	1963	Brown, Alexander, LL.B.	1966
Bridgland, Milton Deane, B.Sc.	1942	Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926
Bridgland, Reginald James, M.E. (B.E., 1930)	1935	Brown, Barry Lloyd, B.Tech.	1964
* Bridgen, James Bristock, B.A. (Oxford, 1920)	1926	Brown, Carolyn Mary, B.A.	1966
Briggs, Basil Hugh, Ph.D. (Cambridge, 1952)	1963	Brown, Cyril Leonard, B.A.	1967
Bright, Ann, B.A.	1965	Brown, Cyril Maitland Ash, B.A.	1932
Bright, Charles Hart, B.A.	1934	Brown, Denis Hackett, M.Sc. (B.Sc., 1960)	1964
LL.B.	1934	Brown, Donald Edgar, B.A.	1954
Bright, David Flaxman, LL.B.	1966	Brown, Dougal Hamilton, B.E.	1948
Brillia, Josef, D.Sc.	1966	Brown, Enid Norma, B.A.	1939
Brimage, Robert Frederick, M.B., B.S.	1964	Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914
Brindal, Rosemary Barbara, M.B., B.S.	1949	Brown, Frederick George, B.A. (London, 1898)	1906
Brindal, William Harley, B.D.S.	1956	B.Sc.	1910
Brine, Barry John, B.Tech.	1965	Brown, Garry Leslie, B.E.	1964
Brinkworth, Peter Charles, B.A.	1964	Brown, Garth Raymond, B.Ag.Sc.	1961
Brisbout, John Augustus Roger, M.B., B.S.	1950	Brown, Geoffrey Frank, B.Sc.	1952
Brissenden, Alan Theo, Ph.D. (London, 1962)	1963	Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946)	1961
Britton, Robert John, B.A.	1966	Brown, Geraldine Whittle, B.Sc.	1949
Broadbent, Eric Elihu, M.B., B.S.	1917	Brown, Graham Barrett, B.E.	1952
Broadbent, Henry Neil Gribble, B.E.	1952	Brown, Graham John, B.Tech.	1965
Broadbent, Ian Nicholas, M.B., B.S.	1954	Brown, Graham Ross, B.E.	1967
Broadbridge, Leonard William, B.Sc.	1963	* Brown, Henry, M.A. (B.A., 1920)	1924
Broadfoot, Kenneth Davidson, B.E.	1954	B.Ec.	1936
Brock, Brian James, B.Sc.	1961	Brown, Howard Arthur, B.E.	1938
Brock, Erland Jeffrey, M.A. (B.A., 1955)	1965	Brown, Ian, D.Sc. (B.Sc., 1940)	1966
Brock, Rex Richard Ashby, M.B., B.S.	1949	Brown, Ian Jarvis, B.Arch.	1966
Brock, Robert John, B.E.	1955	Brown, James Howard, M.B., B.S.	1944
Brockhoff, John Ashleigh, B.Sc.	1956	Brown, Jennifer May, M.B., B.S.	1957
Brockhurst, Peter John, B.Tech.	1959	Brown, Joan, B.Sc.	1954
Brocksopp, John Ernest, LL.B.	1934	Brown, John Arthur Stacy, B.Sc.	1951
Brockway, George Ernest Emerson, B.Sc.	1921	Brown, Judith Eileen, M.Sc. (B.Sc., 1954)	1961
Broderick, Margaret Jean, LL.B.	1967	Brown, Kenneth Aylesbury, B.D.S.	1950
Brodie, Robert Andrew, B.Sc.	1967	Brown, Kenneth Barnden, M.B., B.S.	1942
Broinowski, Helen Mary, M.B., B.S.	1962	Brown, Kevyn Ross, B.E.	1967
Broinowski, Richard Philip, LL.B.	1962	Brown, Laurence Binet, Ph.D. (London, 1954)	1958
Brokensha, Peter, B.E.	1950	Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Brokensha, Alan Richard, B.Sc.	1962	Brown, Margaret, M.B., B.S.	1956
Brownfield, Donald Hamilton, M.B., B.S.	1946	Brown, Mary Home, B.Sc.	1902
Bronner, Rudolph, M.A. (B.A., 1912)	1926	Brown, Maurice William, M.B., B.S.	1954
Brook, Donald Leslie, B.E.	1949	Brown, Nicholas, B.Sc.	1967
Brook, John Frank Hay, B.Tech.	1966	Brown, Norman, B.A.	1952
Brook, John Oliver, B.Sc.	1962	Brown, Pauline, B.Sc.	1965
Brook, Richard John, B.Sc.	1956	Brown, Raymond George, Ph.D. (Birmingham, 1956)	1959
Brook, Robert Renk, B.Sc.	1962	Brown, Raymond George, Ph.D. (B.Sc., 1960)	1966
Brooke, Anthony Lackington, B.Sc.	1964	Brown, Reginald Dutton, B.Ec.	1945
Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935)	1939	Brown, Richard Archibald, B.E.	1954
Brooke, Malcolm Archibald, B.E.	1925	Brown, Robert Foster, LL.B.	1936
* Brooke, Peter Michael, B.E.	1958	Brown, Roger Norman, Ph.D. (B.Sc., 1952)	1959
Brooke, William Charles Robert, B.E.	1931	Brown, Ross Alvarez, M.B., B.S.	1951
Brooke, William John Lackington, B.Sc.	1966	Brown, Tasman, M.D.S. (B.D.S., 1950)	1963
Brooker, John Owen, B.Sc.	1963	Brown, Trevor Anthony, B.Tech.	1962
Brooker, Murray Ian Hill, B.Ag.Sc.	1957	Brown, Trevor Hedley, B.Ag.Sc.	1966
Brooker, Peter Ian, B.Sc.	1965	Brown, Warwick Day, B.Sc.	1944
Brookman, Benjamin Edward, M.B., B.S.	1944	Browne, Christopher Mervyn, B.Ec.	1964
Brookman, Beverley Paquita, B.Sc.	1963	Browne, Francis Geoffrey, B.Tech.	1960
Brookman, Graham George, B.E.	1949	Browne, Jeffrey Francis, LL.B.	1966
Brookman, John Gordon, B.E.	1937	Browne, Noel John, M.B., B.S.	1953
Brookman, John Ragless, M.E. (B.E., 1913)	1925	Browne, Patrick Anthony, LL.B.	1963
Brooks, Brian John, B.E.	1951	Browne, Patrick John, B.Sc.	1966
Brooks, Bruce Allen, B.E.	1960	Browne, Philip, M.A. (B.A., 1920)	1928
Brooks, Clive James, LL.B.	1967	Brownell, Peter Ferguson, Ph.D. (B.A.G.Sc., 1951)	1959
Brooks, Colin Charles, B.Sc.	1959	Brownhill, Michael Harrington, B.Sc.	1964
Brooks, David Gordon, B.Tech.	1963	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	1951
Brooks, David Edmund, B.Ag.Sc.	1967		
Brooks, David Stirling, M.E. (B.E., 1955)	1958		
Brooks, George Herbert, B.Sc. (Eng.)	1943		
Brooks, Hector Buckland, B.Ag.Sc.	1954		
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955		
Brooks, James Alfred, B.Sc.	1952		

* Deceased

Brownson, Carol, B.Sc.	1966
Bruce, Clifford Roy, B.A.	1949
Bruce, Francis William, B.A.	1967
Bruce, Robert Lake, B.Tech.	1960
Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, LL.D. (Cambridge, 1923)	1926
Bruer, Michael Jeffrey Gartrell, B.A.	1960
Brummit, Donald William, M.B., B.S.	1938
Brummit, Peter Elliott, M.B., B.S.	1957
Brummit, Robert, M.B., B.S.	1955
Brunt, Maureen Doris, B.Ec. (B.Com., Mel- bourne, 1951)	1960
Bryan, Claude John Dennis, M.B., B.S.	1950
Bryan, Peter Kaye, M.B., B.S.	1954
Bryant, Kenneth Hyett, M.B., B.S.	1955
Bryant, Kevin Harry John, B.Sc.	1962
Bryce, Eric Albert, Mus.Bac	1962
Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Bryson, Helen Anne, B.A.	1963
Bryson, Margaret Elise, B.A.	1966
Bubela, Bohdan, Ph.D. (B.Sc., 1961)	1965
Bubner, Kenneth Max, B.A.	1962
Buchan, Howard James, B.Sc. (Sydney, 1950)	1955
Buckley, Joseph Edward, B.Sc.	1950
Buckett, Reginald Clement, B.E.	1931
Buesing, Kuno Wilhelm Nicolaus, B.A.	1964
Buick, Donald Robert, B.Sc.	1966
Buick, Ross Raymond, B.Tech.	1962
Buick, William George, B.A.	1956
Bulbeck, Francis Paul, B.E.	1951
Bull, Anthony James, B.Sc.	1964
Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	1953
Bull, Maxwell Kenneth, Ph.D. (Southamp- ton, 1963)	1965
Bull, Patricia Anne, B.Sc.	1964
Bull, Philip James, B.A.	1967
Bull, Winnifred, B.A.	1943
Bullas, Leonard Raymond, M.Sc. (B.Sc., 1953)	1957
Bullas, Vernon Lindsay, B.A.	1966
Bulling, William John, B.E.	1939
Bullock, John Hynam, B.E.	1936
Bullock, Peter John, B.E.	1966
Bulkeley, Robert Ion Pierston, B.A.	1962
Bumanis, Teodoras, B.Arch.	1967
Bumbieris, Veneta, B.A.	1964
Bundey, David Hamilton, B.E.	1951
Bundey, John Goode, M.B., B.S.	1947
Bunbrock, William John, B.E.	1952
Bungey, Lloyd Morris, B.Sc.	1964
Bungey, Roger Saunders, B.Sc.	1952
Bunney, Bronte Rowland, B.Sc.	1951
Bunney, Judith Anne, B.A.	1956
Burchett, Kemeri Ann, LL.B. B.A.	1953
Burchmore, John William, M.B., B.S.	1954
Burdett, John Charles, LL.B.	1959
Burdett, John Francis, M.Ag.Sc.	1951
Burdon (nee McRostie), Ella Kate, B.A.	1964
Burdon, Geoffrey Jasper, B.E.	1915
Burdon, Ivor Leslie, B.A.	1949
Burdon, Kenneth Roy, M.B., B.S.	1943
Burdon, Peter Leslie, B.Ag.Sc.	1949
Burdon, Roy Stanley, D.Sc. (B.Sc., 1916)	1967
Burfield, Arthur, B.A.	1935
Burfield, Brenton Graham, B.D.S.	1934
Burfield, Geoffrey Donald, M.B., B.S.	1959
Burfield, Lance Samuel, B.E.	1962
Burfield, Philip Allan, B.A.	1940
Burford, Brenton John, B.Tech.	1967
Burford, Edward Brian, B.E.	1965
Burford, John Roland, B.Ag.Sc.	1960
Burford, Mary Jill, B.Sc.	1961
Burford, Noel Lindsay, B.Sc.	1957
Burford, Peter James, B.Sc.	1963
Burford, Robert Royce, B.Sc.	1966
Burford, Warren Lindsay, B.Sc.	1955
Burge, Betty Jean, B.Sc.	1945
Burger, Geoffrey John, B.A.	1965
Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927)	1963
Burgess, Alan Stanley, B.Sc. B.E.	1940
Burgess, Annie Frances, B.A.	1965
Burgess, John Albert, B.E.	1967
Burgess, Leslie Frank, B.Sc.	1909
Burgess, Michael Carlisle Howard, B.Ec.	1957
Burgess, Norman Cecil, B.E.	1923
Burgess, Richard John, B.D.S.	1956
Burgoyne, Leigh Alexander, B.Ag.Sc.	1962
Buring, Franz Maurice, B.E.	1923
Buring, Rupert Hermann Maurice, B.Sc.	1929
Burke, Philip Damien, B.Sc. B.A.	1958
Burleigh, Eric Charles, M.A. (Bristol, 1951)	1965
Burley, Henry Thomas Augustine, B.Ec.	1962
Burley, Simon Peter, Ph.D. (B.Sc., 1959)	1965
Burnard, David Alexander, Mus.Doc. (Mus.Bac., 1927)	1932
Burnard, Donald Frank, B.E.	1935
Burnard, Ian Robert, B.Sc.	1960
Burnard, Patricia de Garis, B.A.	1938
Burnard, Renfrey Gershom, M.B., B.S.	1904
Burnard, Richard de Garis, M.B., B.S.	1937
Burnard, Rosemary Jill, B.A.	1966
Burnard, Robin, B.A.	1960
Burnard, Sally Margaret, B.A.	1962
Burnard, William Frank, B.Sc.	1952
Burnell, Arthur William, M.B., B.S.	1943
Burnell, Reginald George, B.A.	1905
Burnell, Richard Hugh, M.B., B.S.	1960
Burnett, Baltimore Edward Thackeray, B.A.	1937
Burnett, Ian Brandwood, LL.B.	1958
Burnett, Leonard Ward, B.E.	1949
Burnett, Margaret Joy, B.A.	1963
Burnham, Mary Elizabeth, B.A.	1951
Burns, Brendan Henry, LL.B.	1965
Burns, Chester Arnold, B.D.S.	1929
Burns, Clement Aylesbury Colin, M.B., B.S.	1954
Burns, Erica Marian, B.Sc.	1955
Burns, John Cumming, B.D.S.	1926
Burns, Marjorie Ruth, B.A.	1952
Burns, Mary Leonora, M.A. (B.A., 1928)	1931
Burns, Peter James Stedman, M.B., B.S.	1954
Burns, Richard John, M.B., B.S.	1960
Burnside, James Patrick, B.Sc.	1950
Burr, Michael, M.B., B.S.	1962
Burrage, Betty Dalmahoy, B.Sc.	1944
Burrell, Edward Sampson, B.D.S.	1940
Burridge-Sibbons, Christine Florence, B.Sc.	1967
Burrow, Allan Lincoln John, B.Sc.	1927
Burrow, Donald Deane, M.B., B.S.	1966
Burrow, John Francis, B.D.S.	1951
Burrows, Natalie Joyleen, B.A.	1966
Burston, Robin Archibald, M.B., B.S.	1943
Burtmanis, Egils, B.Sc.	1963
Burton, Alice Madge, M.A. (B.A., 1928)	1931
Burton, Dudley Hopetoun, B.A.	1938
Burton, Graham Frank, B.Sc.	1963
Burton, Hugh Jamieson, LL.B.	1966
Burton, Janet Elizabeth, LL.B.	1959
Burton, Maxwell Victor, M.Ag.Sc. (B.Ag.Sc., 1950)	1965
Burton, Nancy Glen, B.A.	1932
Burton, Patrick Andrew, M.B., B.S.	1956
Burton, Peter, B.E.	1955
Burwill, George Henry, M.Ag.Sc. (B.Sc. (Agric.), Western Australia, 1931)	1939
Burwill, Peter Walter, M.B., B.S.	1957
Bury, Carol Rosemary, B.A.	1962
Bury, Warren Richard, B.A.	1965
Burzacott, Brian Roy, B.Ec.	1966
Bush, Lillian, M.A. (Edinburgh, 1933)	1953
Buselli, Gioachino, B.Sc.	1966
Busuttill, Emanuel John, B.Tech.	1960
Butcher, Alan Edward, B.A.	1931
Butcher, Christopher John, M.B., B.S.	1967
Butcher, Colin Sydney, B.A.	1967
Butcher, Ian Robert, Ph.D. (B.E., 1957)	1965
Butcher, John Alexander, B.Ec.	1965
Butcher, Margaret Gillian, B.Sc.	1966
Butement, William Alan Stewart, D.Sc.	1967
Butler, Alan John, B.Sc.	1961
Butler, Deirdre, B.Sc.	1967
Butler, Frederick Brigid, B.Sc.	1953
Butler, Graeme Stanley, M.A.	1893
Butler, Graeme Andrew, B.Sc.	1966
Butler, Ian John, M.B., B.S.	1965
Butler, James Mortimer, B.Sc.	1951
Butler, Joan Hilary, B.Sc.	1954
Butler, Kathleen Fiona, B.A.	1944
Butler, Kathleen Mary, B.A.	1966
Butler, Pamela Margaret, B.Sc.	1956
Butler, Peter Forsythe, M.Ag.Sc. (B.Ag.Sc., 1947)	1951

* Deceased

Butler, Randal St. John Michael, M.B., B.S.	1954
Butler, Reginald Francis, B.Tech.	1965
Butler, Reginald Graham, B.A.	1963
Butler, Stuart Thomas, M.Sc. (B.Sc., 1945)	1948
Butler, William Henry, B.Sc.	1931
Butler-Nixon, Grahame Gordon, LL.B.	1956
Butterfield, Anthony William, B.Sc.	1964
Butters, David Chalmers, B.Sc.	1967
Butterworth, Boyd Robert, M.B., B.S.	1951
Butterworth, Clarence Gerald Roy, B.A.	1929
Butterworth, David John, B.Sc.	1952
Butterworth, Geoffrey Noel, B.E.	1958
Butterworth (nee Foster), Helen Lesley, M.Sc. (B.Sc., 1948)	1954
Butterworth, Peter Richard, B.E.	1951
Buttery, Roland Richard, LL.B.	1924
Buttery, Ronald Gordon, Ph.D. (B.Sc., 1952)	1956
Buttfield, Andrew Holden, B.Tech.	1963
Buttfield, Ian Holden, M.D., (M.B., B.S., 1963)	1966
Button, Reginald Ernest, B.E.	1934
Buttrose, Ian, LL.B.	1918
Buttrose, Mark Sinclair, M.Sc. (B.Ag.Sc., 1956)	1959
Buttrose, Stroma, B.A.	1955
Buxton, Gordon Leslie, B.A.	1962
Buxton, John Balfour, B.Sc.	1957
Buxton, Ruth Dorothea, B.Mus.	1967
Byerlee, Derek Ronald, B.Ag.Sc.	1967
Byerley, Rosemary Helen, B.A.	1965
Byers, Alan Edwin, B.Sc.	1925
Byles, Baldur Unwin, B.Sc.	1927
Byrne, Alfred Dudley, M.B., B.S.	1950
Byrne, Bernadette Marie Therese, B.A.	1966
Byrne, Graham Kearns, B.Tech.	1962
Byrne, Maurice John, B.Ag.Sc.	1963
Byrne, Osman Roy, Ph.D. (B.Sc., 1958)	1966
Byrne, Peter Dudley, M.B., B.S.	1952
Byrne, Peter Noel, B.Ag.Sc.	1954
Byrne, William Creedon, B.A.	1960
B.Ec.	
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.	1962
Cain, Peter William, B.Sc.	1966
Cain, Jennepher Ellen, B.A.	1958
Caldcott, Donald Maxwell, B.Tech.	1961
Caldcott, 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, 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, Ian Edmund, LL.B.	1950
Cameron, Margaret Allison, B.A. (Queens- land, 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, 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
Canty, Donald Charles, B.Tech.	1964
Capon, Ian Nicholas, B.Sc.	1957
Capon, Judith Christine, B.A.	1966
Carapetis, Steve, B.Tech.	1958
Carasso, Alfred Samuel, B.Sc.	1960
Carden, David, M.B., B.S.	1953
Carey, Edward John, B.Ec.	1948
Carey, Francis Clive Savill, Mus.Bac. (Cam- bridge, 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
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
Carraill, 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

* Deceased

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
Carver, John Henry, Ph.D. (Cambridge, 1953)	1965
Casals, Joel Canonigo, B.E.	1960
Casey, Bryan Anthony, B.Sc.	1964
Cash, Mary Therese, B.A.	1966
Cashin, Ronald James, B.Tech.	1960
Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929)	1938
Cashmore, George Herbert, M.B., B.S.	1927
Cashmore, Gillian Frances, B.A.	1960
Cashmore, Helen Patricia, B.A.	1948
Casling, Reginald Herbert, B.E.	1951
Casson, Leslie Frank, M.A. (B.A., 1925)	1928
Casson, Paul Bevis, B.Sc.	1935
Castle, Edgar Woods, B.A.	1952
Castle, Robert Norman, M.B., B.S.	1953
Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957)	1959
Catchside, David Guthrie, D.Sc. (London)	1952
Catchlove, Sydney George Leyland, M.B., B.S.	1907
Catchpole, Bernard Newman, M.D. (Manchester, 1959)	1960
Catchpole, John Roger, M.Sc. (B.Sc., 1952)	1964
Catford, Geoffrey William, B.A.	1959
Caton, Keith James, Ph.D. (B.E., 1954)	1957
Caton, Christopher Nigel, B.A.	1966
Catt, Malcolm John, B.Sc.	1967
Cattley, Anthony Edward, B.Tech.	1966
Cattrall, Robert Walter, Ph.D. (B.Sc., 1957)	1965
Caudle, Julie Christine, B.A.	1967
Causby, Donald James, B.E.	1950
Caut, David Kennings, M.B., B.S.	1946
Caut, Leslie James, M.B., B.S.	1954
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Cavenett, Brian Clifford, Ph.D. (B.Sc., 1960)	1965
Cawdle, Robert Ferris, B.E.	1951
Cawte, Frederick George Nelson, B.A.	1943
Cawte, John Ewart, M.D. (M.B., B.S., 1949)	1961
Cawthron, Edward Robert, B.Sc.	1963
Cellier, Kevyn Meylan, B.Sc.	1955
Chadwick, Maxwell Clarence, B.Tech.	1963
Chaffey, Elizabeth Anne, B.A.	1967
Chai, Hon-Chan, M.A. (B.A., 1959)	1961
Chalklen, Gwendoline Elizabeth, B.A.	1930
Chalklen, Roland John, B.A.	1956
Chalmers, Ainsley Howard, B.Sc.	1962
Chamberlain, Dawn, B.A.	1962
Chamberlain, Reginald Roderic St. Clair, LL.B.	1922
Chambers, Gordon Manson, M.B., B.S.	1957
Chambers, Stanley Crombie, Ph.D.	1967
Chambers, Susan, B.Sc.	1966
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933
Chan, Ai Li, Bernadette, B.A.	1965
Chan, Chee Wah, M.E. (B.E., 1959)	1963
Chan, Kok Meng, B.Tech.	1966
Chan, Kong Lam, M.B., B.S.	1956
Chan, Man Fai, B.D.S.	1963
Chan, Sau Kam, Mary Bernadette, M.B., B.S.	1960
Chan, Shun Chi, B.D.S.	1964
Chan, Siew Hung, B.E.	1964
Chan, Tiong Hin, B.E.	1966
Chan Wah May, Winnie, B.A.	1967
Chan, Wah Tim, Henry, B.E.	1960
Chandler, Arthur James, M.B., B.S.	1927
Chandler, Bruce Stanford, B.Sc.	1962
Chandler, Claire Elizabeth, B.A.	1962
Chandler, Graham Stanford, Ph.D. (B.Sc., 1961)	1966
Chandran, Saravanamuthu, M.B., B.S.	1959
Chant, Barry Mostyn, B.A.	1960
Chantrill, David Ross, B.Tech.	1963
Chaplin, Denis Howard, B.Tech.	1959
Chaplin, Rodney Phillip, B.Sc.	1966
Chapman, Ann, B.A.	1964
Chapman, Arthur Horsley, B.E.	1927
Chapman, Denise Alcon, B.A.	1960
Chapman, Ernest Stirling, B.D.S.	1928
Chapman, Fay Horsley, B.Sc.	1961
Chapman, Frank Hewett, LL.B.	1930
Chapman, Gilbert Wesley, M.B., B.S.	1955
Chapman, John Marsden, B.A.	1934
Chapman, John Pearce, Mus.Bac.	1960
Chapman, Margaret Anne, B.A.	1967
Chapman, Peter Glanville, B.E.	1967
Chapman, Peter Noel, B.D.S.	1952
Chapman, Phillip John, M.B., B.S.	1963
Chapman, Stanley Bertram, B.Sc. B.E.	1931
Chapman, William Glanville, B.E.	1934
Chappel, Shirley Joan, B.A.	1935
Chappell, Andrew Charles, B.Ag.Sc.	1959
Chappell, John Francis, M.E. (B.E., 1952)	1965
Chappell, John Graham, B.Sc.	1966
Chappell, William Thomas, M.B., B.S.	1950
Chapple, Alfred, B.Sc.	1953
Chapple, Barry Edwin Exon, B.Sc.	1894
Chapple, Colin Frederic, M.B., B.S.	1964
Chapple, Harold, B.Sc.	1936
Chapple, Phoebe, B.Sc.	1900
Chard, June Myra, M.B., B.S.	1988
Charlesworth, George Harvey, B.A.	1904
Charlesworth, Jennifer Joy, B.A.	1947
Charlesworth, Thomas William, M.A., (B.A., 1925)	1953
Charlton, Charles Cole, B.A.	1964
Charlton, Douglas, B.Sc.	1932
Charlton, Mary Anne, B.A.	1967
Charlton, Peter James, B.Med.Sc.	1966
Charnock, John Stewart, Ph.D. (B.Sc., 1956)	1967
Chartes, Brian, B.E.	1962
Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950)	1958
Chase, Brian Collison, B.E. B.Ec.	1953
Chatterton, Brian William, B.Mus.	1956
Chau, Kai Kin, B.D.S.	1967
Cheah, Dolly, M.Sc. (B.Sc., 1959)	1964
Cheah, Sim Huat, M.B., B.S.	1962
Cheek, Allison Mary, B.A.	1957
Cheek, Bruce Mansfield, M.A. (B.A., 1947)	1949
Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1949
Cheek, Heather Anne, B.A.	1953
Cheek, Nancy Olive, M.B., B.S.	1966
Cheeseman, Andrew Walford, B.A.	1942
Cheeseman, Graham Frank, M.B., B.S.	1959
Cheeseman, Robert Denyer, B.Arch.	1946
Chellew, Thelma Loraine, B.Sc.	1965
Chen, Chee Siok, M.B., B.S.	1954
Chenell, John Gordon Peake, B.Sc. B.Tech.	1967
Cheney, Kevin, M.D. (M.B., B.S., 1956)	1951
Cheng, Chung Kwong, Peter, B.D.S.	1962
Cheng, Mee Chooi, B.Sc.	1965
Cheng, Soang Ko, Charles, M.B., B.S.	1962
Cheong, Choong Kong, B.Sc.	1964
Cherry, Aileen Percival, B.A. M.B., B.S.	1967
Cherry, Edward Percival, M.B., B.S.	1963
Cherry, Robert James, B.Tech.	1934
Chesney, David Alexander, B.Sc. B.A.	1949
Chesney, Robert George, B.Sc.	1938
Chester, Harry Leonard, M.B., B.S.	1954
Chester, Leonard Raymond, B.Sc.	1957
Chesterman, Harry Martin, B.E.	1966
Cheung Hok Hoi, B.D.S.	1925
Cheuychit, Pradit, Ph.D.	1951
	1961
	1964

• Deceased

Chew, Boon-Hwa, B.Arch.	1966	Clancy, Peter Allan, B.A.	1962
Chew, Chong Kan, M.B., B.S.	1957	Clapp, Cedric Norman, B.D.S.	1938
Chia, Ah Bah, B.Sc.	1964	Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960
Chia, Poh-Soon, Peter, M.B., B.S.	1964	Clapson, Howard John, B.D.S.	1967
Chibnall, Helen, B.Sc.	1944	Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959
Chicco, Bruno, B.Tech.	1963	Claridge, Philip George Brian, B.E.	1954
Chick, John Bertram, B.Sc.	1948	Clark, Annie Winifred, M.B., B.S.	1922
M.B., B.S.	1955	Clark, Archie Septimus, B.Sc.	1900
Chick, Malcolm, Ph.D. (B.Sc., 1958)	1965	Clark, Avon Maxwell, Ph.D. (Cambridge, 1949)	1964
Chignell, Arthur Kent, B.A.	1900	Clark, Barry Robert, B.Sc.	1966
Child, Marie Beatrice, B.A.	1926	Clark, Donald Gregory, B.Sc.	1967
Childs, Garry Herbert, B.A.	1967	Clark, Eunice Jean, B.Sc.	1952
Childs, John Tothill, B.D.S.	1952	Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948
Childs, Peter Anthony, M.B., B.S.	1953	Clark, Henry William, B.A.	1951
Chin, Koy Nam, B.Sc.	1965	Clark, Hugh Rodney, M.E. (B.E., 1934)	1938
Chin, Peter, B.A.	1966	Clark, James Blyth, LL.B.	1953
Chin, Shin Ping, B.Sc.	1965	Clark, Janelle Thelma, B.Sc.	1965
Chin, Teck Min, M.B., B.S.	1965	Clark, Jeremy John, LL.B.	1965
Chin, Tung Shen, B.Tech.	1966	Clark, John Francis, B.D.S.	1922
Chin, Yoon Fook, M.B., B.S.	1962	Clark, John Osborne, LL.B.	1941
Chinner, Beryl Esther, Mus.Bac.	1947	Clark, John Symonds, B.E.	1951
Chinner, Christine Elizabeth, B.A.	1961	Clark, Lesley Helen, B.Sc.	1955
Chinner, Graham Alan, M.Sc. (B.Sc., 1953)	1955	Clark, Marjorie Hilda, B.A.	1967
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925)	1938	Clark, Mary Patricia, B.A.	1951
Chittleborough, Glen, B.Sc.	1956	Clark, Meredith Joan, B.Sc.	1963
Chittleborough, Jeffrey David, B.Sc.	1951	Clark, Neil Jameson, B.A.	1965
Chittleborough, John Lincoln, B.E.	1956	Clark, Pauline, B.Sc.	1948
Chittleborough, Laurel Evelyn, B.A.	1947	Clark, Peter Douglas, M.B., B.S.	1967
Chittleborough, Lyall, B.A.	1960	Clark, Robert John, LL.B.	1933
Chittleborough, Margaret Anne, B.A.	1966	Clark, Robert Stephen, B.Sc.	1966
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948)	1952	Clark, Ronald James, B.Tech.	1962
Chivers, Robin Rayment, B.Med.Sc.	1966	Clark, Sandford Delbridge, LL.B.	1962
Chmeliauskas, Stasys, B.A. (Ph.D., Leipzig, 1944)	1954	Clark, William Raymond, B.E.	1951
Chng, Bee Lee, B.D.S.	1967	Clarke, Alfred Robert Price, B. Tech.	1961
Cho, Wing Nam, B.Sc.	1966	Clarke, Allan Lawrence, Ph.D. (B.Ag.Sc., 1952; M.Ag.Sc., 1964)	1967
Cho, Shue Nam, B.Sc.	1961	Clarke, Andrew Michael Fausset, M.B., B.S.	1951
Choate, Lawrence Francis, B.Tech.	1967	Clarke, Brian Russell, B.Sc.	1945
Choate, Max Paul, B.A.	1950	Clarke, Darrell Owen, B.Sc.	1967
Chong, Boon Koh, Michael, B.A.	1961	Clarke, Desmond John, M.Sc.	1966
Chong, Chee Tsun, M.B., B.S.	1959	Clarke, Geoffrey David, B.D.S.	1956
Chong, Chow Pang, B.E.	1961	Clarke, Harold Vernon, B.D.S.	1934
Chong, Keng Fong, Anna, B.Sc.	1964	Clarke, Miles de Courcy, M.B., B.S.	1942
Chong, Khey Cheow, B.Sc.	1964	Clarke, Peter Harold, B.E.	1962
Chong, Koon Seng, M.B., B.S.	1964	Clarke, Phil Gregory, B.A.	1948
Chong, Peng Wah, B.Sc.	1960	Clarke, Reginald Harry, B.Sc.	1939
Chong, Toh Kuan, B.E.	1963	B.A.	1942
Chong, Toh Sum, B.E.	1963	Clarke, Robert John, B.Sc.	1965
Chong, Yoon Hin, B.Sc.	1958	Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956
Choo, Chek Juan, B.E.C.	1956	Clarkson, Alan James, M.B., B.S.	1934
Choo, Shek Nyen, B.Sc.	1967	Clarkson, Anthony Russell, M.B., B.S.	1963
Choo, Soo Bin, B.D.S.	1959	Clarkson, Colin Lloyd, B.Sc.	1950
Choo, Suat Bee, B.Sc.	1962	Clarkson, Donald Ian, M.B., B.S.	1963
Choong, Thong Cheong, B.E.	1962	Clarkson, Phyllis Anne, B.A.	1965
Chopra, Pran Nath, B.A.	1963	Clarkson, Roger Philip, M.B., B.S.	1956
Chow, Ching Thim, M.B., B.S.	1963	Clarnette, David Leont, M.B., B.S.	1959
Chow, Huk Wing, B.D.S.	1961	Claxton, Lindsay Grahame, B.E.	1955
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953)	1958	Clay, John Howard, B.A.	1964
Christie, John Edwin Francis, B.E.	1966	Clay, Roger Edgecumbe, B.Ag.Sc.	1962
Christie, Margaret, B.A.	1945	Clayer, John Reeves, M.B., B.S.	1960
Christie, Patrick Joseph, LL.B.	1925	Clayton, Arthur Ross, M.B., B.S.	1902
Christie, William, M.B., B.S.	1925	Clayton, Dean Ernest, LL.B.	1965
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945)	1956	Clayton, Jeffery William, B.Tech.	1965
Christophersen, Jack Vivian, B.D.S.	1927	Clayton, John Anthony, B.A.	1966
Chu, Tham Seng, B.E.	1966	Clayton, John Graham, B.E.	1959
Chua, Wee Meng, B.E.C.	1967	Clayton, John Jesson, B.E.	1957
Chuah, Kim Leong, B.Sc.	1959	Clayton, Kenneth Ross, B.A.	1963
Chuah, Siew Kee, Doris, M.B., B.S.	1965	Clayton, Sally Jeanette, B.A.	1954
Chuah, Yak Siang, B.Sc.	1966	Clayton, Dorothy Maureen, B.A.	1961
Chung, Sooi Kong, M.B., B.S.	1960	Clegg, Michael John, B.E.	1960
Church, Jack Raymond, B.Sc.	1949	Cleggett, Edith, B.A.	1921
Church, John Henry, M.A. (B.A., 1932)	1934	Cleggett, Lloyd, B.A.	1955
Church, Keith Neville, B.E.	1951	Cleggett, Owen Barry, B.E.	1967
Church, Mervyn Robert, B.Tech.	1966	Cleghorn, James Hudson, B.Sc.	1966
Churchward, Spencer, M.A. (B.A., 1900)	1903	Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935
Churchward, Stella Mary, B.Sc.	1904	Cleland, James Lindsay, B.A.	1954
Chye, Toh Cheong, B.Sc.	1963	Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947
Cibras, James, LL.B.	1958	Cleland, Sir John Burton, M.B. (Sydney 1902)	1902
Cigter, James, B.E.C.	1962	Cleland, Michael Edward Erskine, LL.B.	1951
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918)	1922	Cleland, Pamela Mary, B.A.	1949
Cinzio, Aldo Giuseppe, B.A.	1967	LL.B.	1956
Clague, Dennis John, Ph.D. (B.Sc., 1962)	1967	Cleland, Peter Fullerton, LL.B.	1947
Clancey, Michael Charles, B.Sc.	1966	Cleland, William Paton, M.B., B.S.	1934

• Deceased

Clements, John Wreford, B.A.	1963
Clements, Trevor Murray, B.D.S.	1950
Clendinnen, Ian Jeffrey, B.Sc.	1952
M.B., B.S.	1959
Clezy, John Kenneth Albert, M.B., B.S.	1954
Clezy, Trevor Munro, M.B., B.S.	1958
Clifford, Arthur John, M.B., B.S.	1966
Cliff, Lawrence Henry Marcus, B.A.	1951
Clisby, Reginald Victor, B.A.	1961
Clisby, Robert Leonard, B.E.	1954
B.Ec.	1960
Clode, Ailsa Marjorie, B.A.	1928
Close, Frank William, B.Sc.	1931
Close, Mary Frances, B.A.	1940
Close, Maynard Davidson, B.A.	1938
Close, Ronald Wilkinson, B.Sc.	1929
Close, Rosemary Jocelyn, M.B., B.S.	1947
Close, Susan Elizabeth, B.A.	1962
Close, Walter John Westcott, M.S., (M.B., B.S., 1913)	1929
Clothier, Eric Andrews, B.E.	1958
Clunies-Ross, Bruce Axel, B.A.	1966
Clunies-Ross, Graham George, B.A.	1966
Coad, Trevor Malcolm, B.Tech.	1965
Coidrake, John Edward, M.Sc. (B.Sc., 1949)	1951
Coat, Jillian Irene, B.Ec.	1958
Coates, Dorothy Ravelle, M.B., B.S.	1949
Coates, John Hewlett, Ph.D.	1958
Coates, John Richard, M.B., B.S.	1944
Coats, Claude Hampson, M.A. (B.A., 1927)	1929
Coats, Douglas Alan, M.B., B.S.	1946
Coats, Geraldine Dulcie, B.Sc.	1951
Coats, Glen Clarence, B.Tech.	1963
Coats, Lloyd Stewart, M.B., B.S.	1957
Cobb, Elizabeth Anne, B.A.	1965
Cobiac, Anthony Leo, B.E.	1966
Cochrane, Gordon Ross, M.A. (New Zealand)	1957
Cochrane, Heather Bernice, B.A.	1959
Cock, Alexa Beatrice, B.A.	1931
Cock, Herbert Edward, B.D.S.	1941
Cock, Leon John, B.A.	1965
Cock, Leonard Ambrose, M.B., B.S.	1932
Cock, Robert James, B.A.	1966
Cockburn, Andrew Syme, M.B., B.S.	1954
Cockburn, Ian Charles, B.E.	1963
Cockburn, Jeanette Minna, B.A.	1961
*Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934
Cockburn, Malcolm, B.Ec.	1958
Cockburn, Patricia, B.A.	1944
Cockburn, Robert Forbes, B.E.	1933
Cockburn, Robert Francis, B.E.	1957
Cockington, Richard Arthur, M.B., B.S.	1967
Cocks, Alan Malcolm Vawdrey, M.B., B.S.	1946
Cocks, Alec Douglas, B.D.S.	1924
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939
Cocks, Bruce Gordon, B.D.S.	1952
Cocks, Edward Desmond, M.B., B.S.	1942
Cocks, Gillian Anne de Bohun, B.A.	1964
Cocks, Keith Trestrail, B.Ec.	1956
Cocks, Philip Stanley, M.Ag.Sc. (B.Ag.Sc., 1961)	1967
Cocks, Sydney Gordon, B.D.S.	1925
Codd, Michael Henry, B.Ec.	1961
*Coffey, Dennison Dean, LL.B.	1953
Coggins, Harold Douglas, B.Sc.	1951
Coggins, John Malcolm, B.Sc.	1964
Coggins, Robert Symes, B.Sc.	1949
B.A.	1954
Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958
Coghlan, Marie Teresa Clare, B.A.	1928
Cohen, Alexander Kevin, M.B., B.S.	1950
Cohen, Brian Garland Dunstan, M.B., B.S.	1957
Cohen, Daniel, M.Ag.Sc.	1966
Cohen, Harry, M.B., B.S.	1955
Cohen, Lena Sybil, B.A.	1934
Coin, Susan Mary, B.A.	1963
Coker, John Godfrey, B.A.	1967
Colby, Eunice Mary, B.Sc.	1949
Cole, Anthony Haslam, B.Sc.	1953
Cole, Cyril Richard, B.Sc.	1914
Cole, Joan Margaret, B.Sc.	1957
Cole, Jonathan Haslam, B.A.	1954
Cole, Lindsay Justin Rhodes, B.Tech.	1965
Cole, Reuben Herbert George, B.Sc.	1950
Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Cole, Thomas Haslam, LL.B.	1922
Colebatch, Alistair Pratt, B.Tech.	1967
Colebatch, Frances Désirée, B.Mus.	1967
Colebatch, Gordon Thomas, B.E.	1932
Colebatch, Hal John Hester, M.B., B.S.	1951
Colebatch, John Houghton, M.B., B.S.	1933
Colebatch, Phillip Maxwell, B.Sc.	1966
Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906
Coleman, Arthur Paul, B.E.	1948
Coleman, Christopher Stephen, B.Sc.	1966
Coleman, Harold Edward, B.Tech.	1964
Coleman, Isobel Beryl Jean, B.A.	1939
Coleman, James Terence, LL.B.	1952
Coleman, John Patrick, B.Ec.	1960
Coleman, Margaret Christine, B.A.	1945
Coles, Gervase John Laurence, LL.B.	1981
Coles, John Lawrence, B.A.	1967
Coles, Margaret Elizabeth, B.Sc.	1945
Coles, Mignonette, B.A.	1962
Coles, Philip Douglas, B.A.	1936
Colgan, Leonard Harold, B.Sc.	1967
Collier, Alan William Gordon, B.E.	1963
Collings, Leslie Ross, B.A.	1966
Collins, Allen Geoffrey, M.B., B.S.	1956
Collins, Charles Vincent, B.A.	1931
Collins, David Anthony, B.E.	1962
Collins, Denis Wilfred, B.Sc.	1966
Collins, Frank Miles, Ph.D. (M.Sc., 1952; B.Sc., 1950)	1962
Collins, Frank Sandford, B.E.	1942
Collins, Ian Russell, B.Ec.	1964
Collins, John Malcolm, M.B., B.S.	1952
Collins, Kenneth Ernest, M.B., B.S.	1960
Collins, Leslie William Nettell, B.E.	1931
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918
Collins, Peter Robert, B.Sc.	1966
Collins, Tania Joan, B.A.	1966
Collison, Barrie Vincent, B.Tech.	1965
Collison, Bayfield Ian, LL.B.	1958
Colliver, Anthony David, B.E.	1962
Colman, Peter Malcolm, B.Sc.	1965
Colman, Robert Malcolm, B.Sc.	1962
Colman, William Russell Goodwin, B.E.	1922
Colmer, John Anthony, Ph.D. (London, 1955)	1962
Colquhoun, Harold George, M.B., B.S.	1960
Colquhoun, Jillian Patricia, B.Sc.	1961
Colquhoun, Lindsay Talbot, B.D.S.	1956
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933
Colton, John Blacker, LL.B.	1941
Colton, Robert Stirling, M.D. (M.B., B.S., 1944)	1960
Colvill, Anthony John Ernest, Ph.D. (B.Sc., 1959)	1964
Colvill, Marie, B.Sc.	1962
Colville, Arthur Landseer, LL.B.	1965
Colville, John Stuart, M.Sc. (B.Sc., 1948)	1956
B.A.	1962
Colyer, Ian Geoffrey, B.Ec.	1961
Combe, Harvey David Matthew, B.A.	1964
*Comley, Charles Herbert, M.A. (B.A., 1906)	1910
B.Sc.	1906
Conant, James Bryant, D.Sc. (Sc.D., Columbia)	1951
Condon, Robert Francis, B.Sc.	1940
M.B., B.S.	1946
Conley, William Michael, B.Ag.Sc.	1958
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
Conybear, William James, B.A. (Cambridge, 1894)	1895
Cook, Adrian Hartley, B.A.	1952
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 Reginald Hayden, B.A. (B.A. (Econ.), Manchester, 1949)	1963

* Deceased

Cook, Peter Sydney, B.Ec. - - - - -	1964	Cornish, William Rodolph, LL.B. - - - - -	1960
B.A. - - - - -	1967	Corpe, John Wood, B.E. - - - - -	1935
Cook, Ronald Bruce, B.E. - - - - -	1957	Correll, Graeme Edward Morris, B.E. - - - - -	1961
Cooke, Allan George, B.E. - - - - -	1945	M.B., B.S. - - - - -	1967
B.Sc. - - - - -	1952	Correll, Raymond Leaty, B.Sc. - - - - -	1963
Cooke, Barbara Ternent, B.Sc. - - - - -	1936	Correll, Roger Anthony, B.Tech. - - - - -	1967
Cooke, David John, B.E. - - - - -	1954	Correll, Shirley Edith, B.A. - - - - -	1953
Cooke, Florence Emmeline, Mus.Bac. - - - - -	1900	Curry, Samuel Lloyd, M.B., B.S. - - - - -	1910
Cooke, Frank Edward, B.Sc. - - - - -	1950	Cosgrove, Bernard Augustin, B.A. - - - - -	1942
Cooke, James Alexander Elder, B.Ag.Sc. - - - - -	1960	Cosh, Elma, B.A. - - - - -	1944
Cooke, Peter Ternent, B.Sc. - - - - -	1931	Cosh, James Malthouse, B.A. - - - - -	1943
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938) - - - - -	1960	Cosh, Joyce Rosalind, B.A. - - - - -	1949
Cooke, Theodore John Lloyd, M.B., B.S. - - - - -	1956	Cosh, Robert Clarence, B.Ec. - - - - -	1962
Cooling, Max Sylvester, M.B., B.S. - - - - -	1944	Cottell, Dorothy Jean, B.A. - - - - -	1940
Coombe, Alec Holloway, M.A. (B.A., 1924) - - - - -	1933	Cottew, Geoffrey Selkirk, M.Sc. (B.Sc., 1949) - - - - -	1962
Coombe, Anthony Melrose, LL.B. - - - - -	1965	Cotton, Alan Tilney, M.B., B.S. - - - - -	1964
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948) - - - - -	1957	Cotton, James Murray, M.B., B.S. - - - - -	1926
Coombe, Carole Julie, B.A. - - - - -	1966	Cotton, James Sutherland, B.Sc. - - - - -	1959
Coombe, Harold Robert, B.D.S. - - - - -	1923	Cotton, John Carrington, B.Sc. - - - - -	1951
Coombe, Margaret Mary, B.A. - - - - -	1965	Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - -	1949
Coombe, Murray Taylor, B.Sc. - - - - -	1942	Cotton, Robert Tilney, M.B., B.S. - - - - -	1961
Coombe, Reginald Joseph, LL.B. - - - - -	1923	Cottrell, Eric, B.E. - - - - -	1935
Coombe, Robert John, B.D.S. - - - - -	1950	Couche, Raymond Arthur, B.Sc. - - - - -	1949
Coombe, Samuel Walter, B.A. - - - - -	1919	Coulls, Brian Helston, B.Sc. - - - - -	1950
Coombe, Toderick Edward, B.D.S. - - - - -	1952	Coulter, Frank, B.A. - - - - -	1966
Cooman, Edward Raymond, B.Ec. - - - - -	1955	Coulter, John Richard, M.B., B.S. - - - - -	1956
Cooney, James Marcus, B.Tech. - - - - -	1958	Coulter, Wilfred Neil, B.E. - - - - -	1954
Cooper, Adrian Harry Campbell, B.A. - - - - -	1935	Coulthard, Robert John, M.B., B.S. - - - - -	1958
Cooper, Catherine Margaret, LL.B. - - - - -	1954	Counsell, Ruth Kingsley, B.A. - - - - -	1951
Cooper, Christopher John, M.B., B.S. - - - - -	1959	Court, Fay Esme, B.A. - - - - -	1966
*Cooper, Constance May, M.B., B.S. - - - - -	1904	Court, Jennifer Joan, M.B., B.S. - - - - -	1966
Cooper, David Michael, M.B., B.S. - - - - -	1966	Court, John Hugh, B.A. (Reading, 1956) - - - - -	1966
Cooper, Dennis Neil, B.E. - - - - -	1963	Court, Michael, B.Ec. - - - - -	1966
Cooper, Desmond Wishart, Ph.D. (B.Sc., 1961) - - - - -	1967	Courtney, Peter Graham, B.Sc. - - - - -	1966
*Cooper, Donald Counter, M.B., B.S. - - - - -	1921	Cousins, Georgena Millicent, B.A. - - - - -	1966
Cooper, Elisabeth Ann, M.B., B.S. - - - - -	1963	Coventry, Cameron Hilder, B.Sc. - - - - -	1900
Cooper, John Gregory, B.Ec. - - - - -	1964	Goverton, John Selby, M.D. (M.B., B.S., 1931) - - - - -	1947
Cooper, Kenneth David, LL.B. - - - - -	1964	*Cowan, George Dalrymple, LL.B. - - - - -	1911
Cooper, Kenneth Francis, M.B., B.S. - - - - -	1929	Cowan, Leslie Thompson, B.Sc. - - - - -	1907
Cooper, Jillian Freda, LL.B. - - - - -	1967	Cowan, Robert Francis, B.A. - - - - -	1912
Cooper, Leith Thomas, B.Ag.Sc. - - - - -	1965	Cowan, Robert Graham, M.B., B.S. - - - - -	1966
Cooper, Mary Jane, B.A. - - - - -	1966	Cowan, Robert Mowlem, B.Sc. - - - - -	1960
Cooper, Maxwell, B.Sc. - - - - -	1950	*Cowan, Ronald William Trafford, B.A. - - - - -	1936
Cooper, Peter George, B.Tech. - - - - -	1960	Cowan, William Albert, M.A. (N.Z., 1930) - - - - -	1934
Cooper, Richard Edgar, B.Sc. - - - - -	1960	Coward, Ivan Fernley, B.Ec. - - - - -	1940
Cooper, Robert Kingham, B.Sc. - - - - -	1965	B.A. - - - - -	1951
Cooper, Thomas Edwards, B.E. - - - - -	1922	Cowden, Kenneth Laurence Brooke, M.B., B.S. - - - - -	1932
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered) - - - - -	1913	Cowell, Dorothy Margaret, B.A. - - - - -	1941
Coote, George Gilbert, B.Sc. - - - - -	1931	Cowell, James Howard, B.Ag.Sc. - - - - -	1958
B.A. - - - - -	1939	Cowell, James Richard, B.A. - - - - -	1939
Cooter, Robert Benjamin, M.B., B.S. - - - - -	1952	Cowell, Jane Margaret, B.Sc. - - - - -	1966
Cootes, Thomas Robertson, B.Ag.Sc. - - - - -	1967	Cowley, George Russell, B.E. - - - - -	1949
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia) - - - - -	1958	Cowley, Helen Russell, B.A. - - - - -	1967
Copeland, Ronald Theodore, B.Tech. - - - - -	1967	Cowley, John Maxwell, D.Sc. (B.Sc., 1942; M.Sc., 1945) - - - - -	1957
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1948	Cowling, Brian Deucalion, M.B., B.S. - - - - -	1948
Coppin, Robert John, B.Sc. - - - - -	1965	Cowling, Gordon Aubrey, B.E. - - - - -	1928
Coppock, Barrie William, B.Tech. - - - - -	1960	Cowling, Janice Elizabeth, B.A. - - - - -	1964
Corbet, Anthony John Sherwood, M.B., B.S. - - - - -	1963	Cowling, Lionel Deucalion, M.B., B.S. - - - - -	1923
Corbett, David Charles, Ph.D. (McGill, 1954) - - - - -	1966	Cowper, Ronald George, B.Tech. - - - - -	1958
Corbett, John Francis, B.Sc. - - - - -	1961	Cowperthwaite, Elsie Eleanor, M.A. (B.A., 1903) - - - - -	1906
Corbett, John Vincent, Ph.D. (B.Sc., 1960) - - - - -	1966	Cox, Alwyn Birchmore, M.Sc. (B.Sc., 1927) - - - - -	1932
Corbin, Clive Wilson, B.E. - - - - -	1932	Cox, Anthony Reid, B.E. - - - - -	1967
Corbin, Elizabeth Mary, B.A. - - - - -	1963	Cox, Bernard John, B.E. - - - - -	1956
Corbin, Horace Hugh, B.Sc. (London, 1904) - - - - -	1913	Cox, Brian Rothwell, LL.B. - - - - -	1953
Corbin, John Ogilvie, M.B., B.S. - - - - -	1933	Cox, Carlton Ingham, B.Sc. - - - - -	1929
Corbin, Katherine Anne, LL.B. - - - - -	1941	Cox, David Vassall, Mus.Bac. - - - - -	1936
Cornier, Kathleen, B.A. - - - - -	1943	Cox, David William, B.Sc. - - - - -	1934
Cornelius, Muriel Merle, B.A. - - - - -	1951	Cox, David William, M.B., B.S. - - - - -	1961
Cornell, Christine Helen, B.A. - - - - -	1965	Cox, John Baxter, M.E. (B.E., 1960) - - - - -	1966
Cornell, James Gladstone, M.A. (Melbourne, 1925) - - - - -	1938	Cox, John Samuel Tweedale, M.S. (M.B., B.S., 1955) - - - - -	1964
Cornell, Philippa Sinclair, B.A. - - - - -	1956	Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943) - - - - -	1959
Corney, Eric Ronald, M.A. (B.A., 1936) - - - - -	1937	Cox, Margaret Helen, B.A. - - - - -	1962
Corney, Robert William, B.A. - - - - -	1966	Cox, Norman Charles, B.E. - - - - -	1951
Cornish, Alan Alfred Ernest, B.E. - - - - -	1939	Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1948
Cornish, Anne Claire, B.A. - - - - -	1949	Cox, Ronald Ian, Ph.D. (Edinburgh, 1952) - - - - -	1963
Cornish, Brian Edmund, B.Sc. - - - - -	1961	Cox, Rudolph William Arthur, B.E. - - - - -	1921
Cornish, Brian Leslie, M.B., B.S. - - - - -	1947	Cox, William Frederick, B.Sc. - - - - -	1955
Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940) - - - - -	1951	Coxell, Kenneth Roy, B.E. - - - - -	1962
Cornish, Jack Rodolph, LL.B. - - - - -	1928	Coxon, Christopher Gavin Murray, B.E. - - - - -	1964
Cornish, John Edwin, B.Sc. - - - - -	1943	Coxon, Patricia Magdalen, B.A. - - - - -	1964

* Deceased

Crabbe, Gavin Murray, M.B., B.S.	1927
Crafter, Kenneth Charles, M.B., B.S.	1944
Craig, Bronwen Phyllis, B.A.	1967
Craig, Graham Douglas, M.B., B.S.	1963
Craig, Jennifer Stewart, B.A.	1964
Craig, Robert James, M.B., B.S.	1959
Craig, William Alexander, B.E.	1950
Craker, David Lindsay, B.Sc.	1951
Craker, John Melville, B.Sc.	1954
B.E.	1956
Crammond, Peter Clifford, B.E.	1961
Cramond, David Norton, B.Sc.	1965
Cramond, James Malcolm Alyn, LL.B.	1967
Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Cramond, Margaret Mary Alyn, B.A.	1952
Cramond, Roger David, B.Ec.	1966
Cramond, William Alexander, M.D. (Aberdeen, 1954)	1964
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923)	1926
Cran, James Alexander, B.D.S., (B.D.Sc. (Q's'l'd.), 1936)	1949
D.D.Sc. (M.D.S., 1952)	1961
Cranage, David Ross, B.E.	1964
Crane, Alexander Herbert (B.Sc.)	1926
Crane, Greta Ruby, B.Ec.	1937
Crane, Neil Raymond, B.Sc.	1954
Cranley, Patrick, M.B., B.S.	1952
Crannaford, Barry John, B.A.	1966
Craton, Patricia Clarice, B.A.	1948
Craven, David Edward, M.B., B.S.	1943
Craven, Dilys Mary, M.B., B.S. (M.B., B.Ch., Wales, 1943)	1963
M.D.	1966
Crawford, Arthur Raymond, M.Sc.	1961
Crawford, Graham John, B.Sc.	1959
Crawford, John Sidney, B.Sc.	1960
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897
Crawley, David Beavington, B.E. (M.A., Cambridge, 1954)	1964
Creaser, Jillian Ann, B.Sc.	1967
Creaser, Roger Philip, B.Sc.	1964
Creasy, Peter Ninnes, B.Sc.	1964
Creed, Philip John, M.B., B.S.	1950
Creeth, James Michael, Ph.D. (London, 1948)	1955
Cresswell, Edwin Fletcher, B.E.	1927
Cresswell, George Edwin, LL.B.	1939
Cresswell, Harry Richard, B.Ec.	1956
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937
Crews, Brian Dudley, B.E.	1964
Crick, Judith Christine, B.Sc.	1966
Crisp, Brian Correll, M.D.S. (B.D.S., 1945)	1952
Crisp, Charles Stephens, B.Sc.	1948
Crisp, Colin Francis Correll, B.E.	1954
Crisp, John Douglas Correll, M.E. (B.E., 1950)	1956
Crisp, Leslie Finlay, M.A. (B.A., 1938)	1948
Crisp, Margaret Emily, M.Sc. (B.Sc., 1945)	1950
Crocker, Dudley Furneaux, B.E.	1939
Crocker, John Allan, B.Tech.	1966
Crocker, Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940)	1948
Crocker, Walter Russell, B.A.	1925
Croft, Edwin George, LL.B.	1952
Croft, James Richard, LL.B.	1964
Croker, Annie Isobel, B.A.	1934
Cromer, D'Arcy Ananda Neil, M.Sc. (B.Sc., 1932)	1935
Crompton, Beverly Anne, B.Sc.	1960
Crompton, David Owen, M.B., B.S.	1939
Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959
Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954
Crook, Marjorie Marion, B.A.	1940
Crook, Peter Leonard, B.Sc.	1961
Crook, Richard Dallas, B.Sc.	1940
Crook, Walter Ralph, B.E.	1953
Cropley, Arthur John, B.A.	1957
Cropley, Frederick Waterton, B.E.	1932
Cropley, Keith Haywood, B.Tech.	1962
Crosby, Melville Alexander Keith, M.E., (B.E., 1937)	1944
Crosby, Neil Daniel, M.D. (M.B., B.S. 1935)	1951
Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
Croser, John Lindsay, M.B., B.S.	1967
Cross, Helen Margaret, B.A.	1960
Cross, Jack, B.A.	1957
Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956
Crouch, Claire Elaine, B.A.	1965
Crouch, Errol Raymond, B.Sc.	1967
Crouch, Shirley Joan, B.Sc.	1958
Croucher, Colin, M.B., B.S.	1950
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Crowcroft, William Peter, Ph.D. (D.Phil. Oxford, 1954)	1963
Crowe, Brian Rooney, LL.B.	1952
Crowe, Dean Salter, B.E.	1957
Crowe, Elizabeth Mary, B.A.	1951
Crowe, Noel Raymond, LL.B.	1957
Crowley, Desmond William, Ph.D. (London, 1952)	1960
Crowley, Francis Keble, Ph.D. (Melbourne, 1951)	1965
Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957
Crowley, Patrick Thomas, B.Tech.	1965
Croydon, Robyn Lesley, LL.B.	1967
Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932
Cruickshank, Donella Heather, M.Sc.	1943
Crump, Cecil Charles, LL.B.	1923
B.A.	1935
Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932
Cullen, Bronwyn Gay, B.Arch.	1967
Cullen, Ian Frederick, B.Sc.	1967
Cullen, John Grant, B.Tech.	1966
Culley, Murdoch, B.E.	1962
Cullity, Thomas Brendan, M.B., B.S.	1947
Culshaw, Eveleen Anne, B.Sc.	1963
Culshaw, George Vincent, LL.B.	1927
Culshaw, George Vincent, B.E.	1959
Culshaw, Thomas Anthony, B.Sc.	1961
B.E.	1967
Culver, Dorothy Evelyn, B.Sc.	1945
Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
B.Sc.	1949
Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955
Cumpston, Graham Neil, M.B., B.S.	1958
Cunningham, Mark Laurence, M.B., B.S.	1953
Cunningham, Robyn, B.A.	1967
Curnow, Christopher Neil, B.Sc.	1967
Curnow (nee Gilham), Doreen, B.A.	1950
LL.B.	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
Curtis, Carol June, B.A.	1967
Curtis, Lawrance Gordon, B.Ec.	1959
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
Czechowicz, Andrew Stanislaus, M.B., B.S.	1965
Czigler, Ernest Ivan, B.Tech.	1963
Czuchwicki, Czeslaw Peter, B.Ec.	1966

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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, B.Sc.	1962
Dainis, Ivars, B.Sc.	1963
Dainius, Vytautas Peter, M.B., B.S.	1959
Dalby, Donald Richard, B.Tech.	1964
Dalby, Robert, B.Arch.	1961

* Deceased

Dale, Barry Matthew, M.B., B.S.	1966	Davis, Brian, B.Ec.	1955
Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959)	1962	Davis, Bruce Raymond, B.E. B.Sc.	1960
Dall, Dennis John, B.Ec.	1965	Davis, Christine Joyce, B.A.	1963
Dallwitz, Walter Berthold, B.A. M.Sc.	1940	Davis, Clive, B.Sc.	1951
Dally, Frederick George, M.B., B.S.	1956	Davis, David, B.A.	1906
Dally, John Alton, B.A.	1956	Davis, Douglas Marshall, B.A.	1962
Dalton-Morgan, Patrick Frank Leslie Lewis, B.Ec.	1966	Davis, Edward Bruce, B.Sc.	1949
Daltry, Kate, M.A. (B.A., 1922)	1924	Davis, Frederick Harry, B.A.	1955
Daly, David James, M.B., B.S.	1952	Davis, Harold Julian, M.B., B.S.	1927
Daly, James Dennis, B.Tech.	1961	Davis, Harry Michael, B.A.	1964
Daly, John Alfred, B.A.	1967	Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
Daly, Lawrence John, B.E.	1951	Davis, Hubert Garth, M.B., B.S.	1937
Daly, Lewis John, B.A.	1953	Davis, Jennifer Elizabeth, B.Sc.	1964
Daly, Lyndsay James, M.B., B.S.	1954	Davis, John Alexander, B.E.	1929
Dalzell, Josephine Nicholson, B.A.	1965	Davis, Kingsley, B.E.	1950
Dalziel, Francis Robert, Ph.D. (Aberdeen, 1960)	1963	Davis, Legh Hewitson, B.Ec. LL.B.	1962
Dalziel, Lawrence Henry, B.A.	1949	Davis, Margaret Lily, B.A.	1955
Dang, Quy Dac, B.E.	1967	Davis, Peter Stanislaus, M.Sc. (New South Wales, 1962)	1965
Daniell, Aileen Edna, B.A.	1950	Davis, Ray, B.Sc.	1945
Daniels, Brian Keith, B.Sc.	1967	Davis, Robert Bruce, B.A.	1948
Daniels, Brian William, M.B., B.S.	1957	Davis, Robert George, B.Sc.	1951
Daniels, Verna Kay, B.A.	1963	Davis, Robert Keith, B.Ec.	1960
Daniels, Wendy Anne, B.A.	1966	Davis, Robert William, B.Ec.	1963
Danielsen, Fredrick Graham, B.Sc.	1963	Davis, Ronald Lindsay, B.Sc.	1963
Danvers, Ronald Anthony, B.Arch.	1962	Davivongs, Virapunt, M.Sc.	1963
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945)	1949	Davoren, John Joseph, LL.B.	1922
Darling, Marlene Elsie, B.A.	1963	Davoren, Kathleen Margaret, B.Sc.	1966
Darr, David James, B.Sc.	1955	Davy, Arthur Francis, B.D.S.	1951
Darragh, Peter John, B.Sc.	1950	Daw, Arthur Baden Secombe, B.Ec.	1957
Darskus, Rolf Ludwig, Ph.D. (B.Sc., 1958)	1964	Daw, Francis Alan, B.Sc.	1945
*Dart, Ralph John, B.E.	1915	Daw, Rowena Compson, LL.B.	1967
Darwent, John Donovan, B.D.S.	1967	Daw, William Ernest, B.Tech.	1965
Darwin, Errol Rafael Henry, B.Sc.	1907	Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928)	1959
Darwin, Lisle Julius, M.A. (B.A., 1905)	1910	Dawe, Michele Mary, M.Ag.Sc.	1967
Darzins, Andris Peteris, M.B., B.S.	1961	Dawe, Peter Harold, B.A.	1967
Daulby, Roger Herbert, B.Tech.	1966	Dawes, David Edward, B.E.	1965
Davenport, John, M.B., B.S.	1952	Dawes, Walter Ernest, B.A.	1954
*Davey, Constance Muriel, M.A.	1918	Dawkins, Albert Norman, B.E.	1922
Davey, Esther Marion, B.Sc.	1915	Dawkins, Alec Letts, M.B., B.S.	1927
Davey, Graham John, B.E.	1961	Dawkins, Alfred Ernest, B.Sc.	1912
Davey, Laurence Llewellyn, M.B., B.S.	1913	Dawkins, Donald Campbell, M.B., B.S.	1939
Davey, Lloyd Ernest, B.E.	1960	Dawkins, Margaret Ina, B.A.	1938
Davey, Martin Geoffrey, M.B., B.S. (Sydney, 1960)	1963	*Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920
M.D.	1965	Dawson, Alfred Lisle, B.Sc.	1926
Davey, Nell Barbara, B.Sc.	1963	Dawson, Allan Alexander, B.A.	1966
Davey, Roy Herbert, B.Sc.	1920	Dawson, Anthony James, M.E. (B.E., 1959)	1962
Davey, Victor Stanley, B.E.	1955	Dawson, David Lancelot, B.A.	1934
David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures, 1955)	1962	Dawson, Geoffrey Dean, B.E.	1937
David, Daniel Arthur, M.A.	1930	Dawson, John Scott Selway, B.Ec.	1967
David, David John, M.B., B.S.	1966	Dawson, Joseph Bernard, M.D. (London, 1911)	1920
David, John Fairhall, B.A. B.Ec.	1955	Dawson, Michael Dean, M.B., B.S.	1942
Davidge, Peter James, B.Ec.	1967	Dawson, Sheila Lilian, B.A.	1967
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953)	1956	Dawson, William Inglis, M.B., B.S.	1957
Davidson, Jennifer Dulcie, B.A.	1962	Day, Alison Chapman, B.Sc.	1947
Davidson, Robert Thomas, M.B., B.S.	1951	Day, Allan John, M.Sc. (B.Sc., 1947)	1950
Davidson, Roy Laidlaw, B.A.	1907	M.D. (M.B., B.S., 1954)	1957
Davie, Robert Samuel, B.E.	1955	Day, Basil Hedley Stanton, B.Tech.	1981
Davies, David Alwin, B.A.	1967	Day, Christine Janet, B.A.	1964
Davies, David Llywelyn, M.B., B.S.	1943	Day, Graham John, B.D.S.	1951
Davies, Donald John, B.E.	1955	Day, Jennifer Ann, B.A.	1962
Davies, Donald Laurence, B.E.	1951	Day, John Bice, B.D.S.	1944
Davies, Elizabeth Lans, B.Ec.	1967	Day, Kathleen Emily, B.Sc.	1931
Davies, Ernest Salter, M.A. (Oxford)	1937	Day, Laverne Frank, B.Ec.	1963
Davies, Glyn Anthony, M.B., B.S.	1963	Day, Peter Julian, B.E.	1959
Davies, Ian Malcolm, B.Sc.	1964	Day, Robert Sydney, M.B., B.S.	1934
Davies, Jonathon, M.B., B.S.	1963	Deacon, Glen Berenger, Ph.D. (B.Sc., 1957)	1962
Davies, Lesley Diana Llewellyn, B.A.	1966	Deam, Robert Joseph, B.Sc.	1942
Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953	Dean, Anthony John, B.Ec.	1967
Davies, Norma Esther, M.B., B.S.	1953	Dean, Harry Michael, B.Med. Sc. M.B., B.S.	1960
Davies, Peter, B.Tech.	1964	Dean, Margaret Emily, M.B., B.S.	1962
Davies, Peter John, B.A. (Sydney, 1947)	1966	Dean, Peter David, B.E.	1966
Davies, Peter Owen Alfred Lawe, B.E.	1951	Deane, Derrick Peter, B.A.	1967
Davies, Rodney Deane, M.Sc. (B.Sc., 1950)	1953	Deane, Richard Ashley, B.Tech.	1965
Davies, Sheila Caroline, B.A.	1948	Deans, Absalom, B.A.	1912
Davies, Trevor Frank, B.Ec.	1965	Dearlove, Carolyn Harriet, M.B., B.S.	1962
*Davies, William Laurence, B.A.	1914	Dearlove, Thomas Pearce, M.B., B.S.	1942
Davis, Barry Robert, B.E.	1967	Dearman, Cyril Henry, B.E.	1950
		de Beer, Jacobus Frederick, Ph.D.	1966
		Debelle, Bruce Malcolm, LL.B.	1961
		*De Boehme, Cecil Brooks, LL.B.	1931
		de Boos, Brian William, B.Sc.	1967

* Deceased

De Cean, Neil, B.E.	1951	Dilworth, Nerida Margaret, M.B., B.S.	1950
de Cure, John Gerard, B.Tech.	1965	Dineen, Desmond Patrick, M.B., B.S.	1952
Deer, John Gregory, B.Sc.	1948	Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957
Deer, William Henry, B.E.	1950	Dingle, Ian Ridgway, B.D.S.	1957
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959	Dingle, Kelton John, B.Ec.	1965
Del Fabbro, Anthony John, B.Sc.	1961	Dingle, Margaret, B.A.	1967
Deland (nee Robjohns), Annie Joan, B.A.	1923	Dingle, Margaret Jennifer, B.A.	1958
Deland, Charles Mervyn, M.B., B.S.	1924	Dingle, Roderick Edward, B.Sc.	1963
Deland, Curtis George, M.B., B.S.	1955	Dinh, Dzung Quoc, B.Tech.	1967
Deland, Peter Leonard, B.Sc.	1955	Dinham, Charles Anthony, B.E.	1952
Deland, Raymond John, B.Sc.	1947	Dinning, Alfred Ernest, B.A.	1915
Della, Ernest William, Ph.D. (Western Australia, 1963)	1966	Dinning, Rodney Alfred Brady, B.A.	1950
Deller, Donald John, M.B., B.S. (Sydney, 1954)	1962	Dinning, Trevor Alfred Ridley, M.B., B.S.	1942
M.D.	1964	Disney, Alexander Patrick Suffern, M.B., B.S.	1966
Dellow, Peter Glynn, B.D.S.	1949	*Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	1954
M.B., B.S.	1957	Disney, Shaun Anthony Requa, B.A.	1964
Delmont, William George, B.D.S.	1932	B.Sc.	1965
Delprat, Lica, M.B., B.S.	1910	Dix, Alfred James, B.E.	1930
Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909	Dixon, Genevieve, B.Sc.	1960
Dempster, Beryl Joan, B.A.	1963	Dixon, Hugh Woodyatt, B.Sc.	1967
Denby, Ernest Frank, B.Sc.	1951	Dixon, James Elmslie, B.A.	1966
Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952)	1960	Dixon, John, B.Ec.	1957
Dening, Patricia Joan, B.A.	1958	Dixon, Leslie Bruce, B.Tech.	1962
Denis, William Norman, B.Sc.	1951	Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931
Dennis, Alan Henry, B.A.	1936	Dixon, Peter, M.A. (London, 1956)	1958
Dennis, Barbara Joan, Ph.D. (B.Sc. 1955, M.Sc., 1961)	1966	Djajakusumah, Taty Rahmatiah, Ph.D. (B.Ag.Sc., 1960)	1965
Dennis, Barbara Mary, B.A.	1965	Djaka, Soetratna, M.E. (B.E., 1960)	1965
Dennis, Edwin, M.Sc. (B.Sc., 1950)	1967	Dobberstein, Fred Helmut, B.A.	1963
Dennis, Peter John, B.A.	1966	Doble, Peter Gordon, B.Sc.	1967
Dennis, William John Allenby, B.Sc.	1956	Doble, William Devon, B.E. (Sydney, 1943)	1957
Densley, Mary Muriel, B.A.	1963	Dobney, Philip Thomas, B.Sc.	1961
Dent, Marjorie, B.A.	1956	Dobrez, Livio, B.A.	1965
Dent, Nancy, B.A.	1960	Dobrez, Patricia Anne, B.A.	1967
Dent, Warren Thomas, M.Ec.	1967	Dobson, Annette Jane, B.Sc.	1967
Denton, David Ross, B.A.	1960	Dobson, Lesbia Constance Alma, B.A.	1947
Denton, James Graham, M.B., B.S.	1954	Doceff, Robin Jeanine, B.A.	1962
Denton, Noel Fletcher, M.B., B.S.	1945	Dodd, Burwell, B.A. (Yale, 1954)	1965
Denton, Robin Eric, B.Sc.	1967	Dodd, Ian Hainsworth, B.E.	1960
Depasquale, Paul, B.A.	1960	Dodd, Leslie, B.A.	1947
Dermott, Patricia Louise, M.B., B.S.	1963	Dodd, Lindsay Richard, Ph.D. (B.Sc., 1960)	1965
de Rohan, Maurice John, B.Tech.	1960	Dodd, Peter Robert, B.Sc.	1966
Derrington, Arnold Ward, M.D. (M.B., B.S., 1947)	1967	Dodd, Robert Hedley, B.A.	1931
Deshpande, Tryambak Laxmanrao, Ph.D.	1965	Dodd, William Alfred, M.Sc. (B.Sc., 1962)	1967
Detmold, Michael James, LL.B.	1964	Doddridge, Albert Keith, M.B., B.S.	1953
Deutrom, Peter Ellis Brian, B.Sc.	1965	Dodman, Robert Louis, Ph.D. (B.Ag.Sc., 1959)	1966
Deutscher, Maxwell John, B.A.	1959	Dodsworth, Kimball Robert Innis, B.Ec.	1962
Devaney, Helen, LL.B.	1942	Dodwell, David, B.A.	1955
de Vedas, Jack, M.B., B.S.	1938	*Dodwell, George Frederick, B.A.	1905
Devitt, Brian John, B.E.	1965	Doel, Derek Alfred, B.Ec.	1960
de Vries, Gertrude Dorothy, B.A.	1964	Dohadwala, Kutbuddin s/o Fidahusen, B.Sc. M.B., B.S.	1960
Devenport, John, B.Tech.	1961	Doherty, Lindsay Edgar, B.E.	1965
Dew, Ian Albert, M.Sc. (B.Sc., 1953)	1962	Doherty, Michael Dominic, B.Ec.	1967
Dewar, Colin Chudleigh, M.B., B.S.	1949	Dohnt, Brian Ray, B.Sc.	1945
Dewar, Donald Gordon, B.E.	1952	Dolan, David Sutton, B.E.	1964
Dewar, John, B.Sc. (Eng.)	1945	Doley, Malcolm John, B.Arch.	1962
Dewhurst, Douglas Ian, B.Ec.	1967	Doley, Maurice Edward, B.E.	1939
Diamantis, Alexander Adamantiou, Ph.D. (London, 1958)	1960	Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951)	1959
Diamond, Arthur Ian, B.A.	1952	Dolling, Eleanor Ngaire, B.Sc.	1950
Dibden, Christopher Frederick Andrew, M.B., B.S.	1967	Dolling, Maurice, B.Sc.	1965
Dibden, Frederick Andrew, M.B., B.S.	1941	Doman, Frederick Spencer Howe, M.B., B.S.	1949
Dibden, Jacqueline Andrew, B.A.	1966	Doman, Mary Gladys, B.A.	1959
Dibden, William Andrew, M.B., B.S.	1939	Donaghue, Paul Francis, B.Sc.	1965
Dick, Allan James, B.Tech.	1967	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933)	1939
Dick, Gordon Stuart Blyth, B.Sc.	1923	Donald, Gordon Frederick, M.D. (M.B., B.S., Sydney, 1948)	1963
Dick, John Davidson, B.Tech.	1966	Donaldson, Muriel Grace, B.A.	1934
Dickens, John Arthur, M.B., B.S.	1967	Donaldson, Pamela Margaret, B.A.	1959
Dickinson, Peter, B.Tech.	1962	Donaldson, William Barry, B.Sc.	1965
Dickson, Brian Henry, B.Tech.	1963	Dông-Nai, Tôn Thât, B.A.	1965
Dickson, Margaret Jill Barr, M.B., B.S.	1960	Donley, Robert James Randall, B.A.	1966
Dickson, Ronald Stanley, Ph.D. (B.Sc., 1958)	1963	Donnellan, Michael Ramsey, B.Tech.	1961
Dickson, Warren, B.A.	1949	Donnellan, Teresa Marie, B.A.	1945
Diener, Christopher, B.E.	1967	Donnelly, Jillian Kay, Ph.D. (B.Sc., 1962)	1966
Dienes, Nigel Anthony, B.Med.Sc.	1965	Donnelly, Thomas Hewson, M.B., B.S.	1937
Dietman, Clarence Charles, M.B., B.S.	1954	Donnelly, Thomas Hugh, M.B., B.S.	1911
Di Fazio, Fazio, LL.B.	1967	Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	1952
Digance, James Roy, B.A.	1945	Donovan, Mortimer Edward, M.B., B.S.	1946
Diggle, John Nelson, M.B., B.S.	1946	Doolan, Ernest Joseph, B.A.	1944
Dilena, Michael James, B.A.	1959	Doolette, John Barton, B.Ag.Sc.	1951
Dillon, John Louis, Ph.D. (Iowa, 1959)	1961	Doran, Jerrold George, B.A.	1966
Dillon, Natalie Anne, B.A.	1961	Dore, Frederick Arthur, B.Sc.	1951

* Deceased

Dorman, Christopher Milton Leonard, B.E.	1964	Ducray, Suzette Eleanor, M.B., B.S.	1949
Dorman, David Charles, B.Sc.	1950	Dudko, Tania, B.A.	1966
Dorman, Helen Ethel, B.A.	1964	Dudley, Keith, B.E.	1953
Dorney, Earl David, M.B., B.S.	1967	Dudman, Roy Howard, B.Ec.	1958
Doros, Eugene Robert, B.Sc.	1967	Dudzinski, Miroslaw Leonard, B.Ec.	1955
Dorsch, Ernst Georg, B.A.	1915	Duffield, Kenneth Churchill, LL.B.	1925
Dorsch, Magdalene Hedwig, B.A.	1926	Duffield, Robert Winston, B.Ec.	1961
Dorsch, Theodor Siegfried, B.A.	1933	Duffy, Brian Leonard, M.B., B.S.	1965
Dorsch, Wilhelm Bernhard, M.B., B.S.	1933	Duffy, Bronte Godfrey, B.Tech.	1960
Doube, Bernard Michael, B.Sc.	1967	Duffy, Ross Martin, LL.B.	1951
Doudy, Cecil Roy, LL.B.	1906	Duggan, Kevin Patrick Michael, LL.B.	1964
Douglas, Charles William Sholto, B.A.	1967	Duguid, Andrew Melville, B.Sc.	1954
Douglas, Donald Robin, B.Sc.	1949	Duguid, Charles, M.B., B.S. (Glasgow, 1909)	1920
*Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1898	Duguid (nee Lade), Phyllis Evelyn, B.A.	1925
Douglas, Frank Nugent, M.B., B.S.	1956	Duguid, Rosemary Lillian, B.A.	1958
Douglas, Hugh Matheson, M.B., B.S.	1947	Duguid, William George, M.B., B.S.	1948
Douglas, John Robert, B.A.	1967	Duke, Peter Francis, B.Tech.	1964
Douglas, Kingsley Raymond, B.Tech.	1965	Duke, Roger William, B.Sc.	1967
Douglas, Robert Langton, M.A. (Oxford, 1891)	1900	Duldig, Max, B.Ec.	1962
Douglas, Robert Matheson, M.B., B.S.	1960	Duldig, Pamela Ruth, B.A.	1965
Douglas (nee Duguid), Rosemary Lillian, B.A.	1958	Dulmanis, Ausman Biruta, B.Sc.	1958
Douglas, Sholto John, M.B., B.S.	1930	Dumas, Sir Russell John, M.E. (B.Sc., 1909, surrendered for B.E., 1913)	1931
Douglass, Julie Mary, M.B., B.S.	1965	Dumbrill, Maxine Norma, B.Sc.	1965
Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950)	1959	Dunbar, Adrian Alexander, B.App.Sc.	1966
Dow, Ian Baird, LL.B.	1953	Duncan, Andrew Kenneth, B.Sc.	1957
Dow, Lorna Ruth, M.B., B.S.	1954	Duncan, Bruce McLean, B.Sc.	1967
Dow, William Harold John, B.Sc.	1949	Duncan, Craig Thomas, B.E.	1964
Downha, Jaroslaw, B.E.	1958	Duncan, James Playford, M.E. (B.E., 1941)	1954
Dowding, Alan Lorimer, B.Sc.	1950	Duncan, Keith Sinclair, B.E.	1922
Dowdy, Norman James, B.A.	1948	Duncan, Robert Allan, D.Sc. (B.Sc., 1951)	1965
Dowie, David Lincoln, M.E. (B.E., 1933)	1935	Duncan, Robert Lawrence, B.E.	1951
Dowie, Donald Alexander, M.B., B.S.	1954	Duncan, Ross, M.A. (B.A., 1949)	1952
Dowling, Dean Robert, B.Sc.	1962	Duncan, Walter George Keith, Ph.D. (London, 1930)	1951
Dowling, Donald Augustus, M.B., B.S.	1923	*Duncan-Hughes, John Grant, M.A. (Cam- bridge, 1910)	1910
Downer, John William, B.E.	1959	Dunda, Donatas Jurgis, B.Tech.	1964
*Downey, Donnell Raymond, LL.B.	1930	Dungey, Kevin Leonard, B.A.	1943
Downey, Michael Seymour, M.B., B.S.	1960	Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906)	1935
Downing, Andrew Richard, B.Sc.	1967	Dunkerley, John Spencer, M.A. (Cambridge, 1945)	1961
Downing, Bruce Jacob, M.B., B.S.	1953	Dunks, Peter Arnold Herbert, B.Tech.	1967
Downing, Jennifer Alandine, LL.B.	1959	Dunlevie, Ellen Emily, B.A.	1927
Downing, Robert Gregory, M.B., B.S.	1952	Dunlop, Colin Wesley, M.Sc. (B.Sc., 1952)	1955
Downs, Benjamin, M.E. (Liverpool, 1947)	1949	Dunlop, Peter John, Ph.D. (Wisconsin, 1955)	1959
Downs, George William, B.A.	1947	Dunlop, Walter James, B.A.	1952
Downs, Howard Albert, B.A.	1949	Dunn, David Everson, M.B., B.S.	1951
Downs, Warwick Edward, LL.B.	1965	Dunn, Edith Marie, B.A.	1940
Doyle, Elizabeth Margaret, B.Sc.	1963	Dunn, John Edgar, M.B., B.S.	1952
Doyle, John Jeremy, LL.B.	1967	Dunn, John Gilding, B.A.	1960
Doyle, Leo James, LL.B.	1931	Dunn, John Michael Alen, B.A.	1967
Doyle, Margaret Cecelia, LL.B.	1965	Dunn, Melville Desmond, B.E.	1960
Doyle, Peter Walter, B.Ec.	1965	Dunn Peter Charles, B.E.	1954
Doyle, William Albert, B.A.	1963	Dunn, Sydney Stephen, B.A.	1947
Drabsch, Alfred Felix, B.A.	1941	Dunn, Talbot Lewis, M.B., B.S.	1927
Dracopoulos, Christos, B.Ec.	1966	Dunne, Michael Clarence, Ph.D. (B.Sc., 1962)	1967
Dragovich, Branko, B.Ec.	1959	Dunne, Lawrence John, B.Sc.	1947
Dragovich, Deirdre Janette, M.A. (B.A., 1961)	1966	Dunning, John Angus, M.A. (Oxford, 1937)	1950
Draper, Fred, B.Sc.	1924	Dunning, Robert Grant, B.A.	1957
Draper, Morrell Henry, M.B., B.S.	1944	Dunstan, Bruce Henderson, B.D.S.	1951
Draper, Neil, B.E.	1953	Dunstan, Donald Allan, LL.B.	1949
Draper, Ronald Philip, Ph.D. (Nottingham, 1953)	1956	Dunstan, Eugene Arnold, B.Ag.Sc.	1965
Drayton, John Darryl, B.Tech.	1967	Dunstan, Gretel, B.A.	1962
Drayton, Rodney Dean, B.Sc.	1962	Dunstan, Ian Henderson, B.D.S.	1950
Drever, Ian Campbell, M.B., B.S.	1951	Dunstan, Richard English, M.B., B.S.	1951
Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Dunstone, David Darroch, M.B., B.S.	1954
Drew, John Francis, B.Sc.	1963	Dunstone, Glen Donald, B.D.S.	1946
Drew, Michael John Roskilly, M.B., B.S.	1951	Dunstone, John Leonard, M.B., B.S.	1939
Drew, Peter Robert, B.Ec.	1964	Dunstone, Max Warwick, M.B., B.S.	1948
Drew, Sally Elizabeth, M.B., B.S.	1961	Dunstone, Simon John, M.B., B.S.	1967
Drewer, Peter Clifford, B.E.	1964	Dunstone, Sydney Morgan Lewis, M.B., B.S.	1939
Drewer, Robert James, Ph.D. (B.Sc., 1961)	1966	Durack, Kathleen Margaret, B.A.	1966
Drewry, David Clifton, B.E.	1967	Durance, Geoffrey, B.Sc.	1964
Dridan, Julian Randal, B.E.	1922	Durand, Edmond Louis Ode, B.Tech	1963
Driesener, Barrie Mervyn, B.Tech.	1967	Durbin, Ronald Walter, B.E.	1951
Driscoll, Hilda Marion, B.A.	1908	Durham, James Graham, M.B., B.S.	1951
Driver, Alan Richard, B.Sc.	1966	Durie, Robert Alan, B.A.	1955
Druce, Stephen John, B.Sc.	1965	DuRieu, Beverley Robertson, B.Sc.	1949
Drummond, Anne, B.A.	1967	Durkin, John Thomas, M.B., B.S.	1962
Drummond, Euphemia Gibb, B.A.	1923	Durward, Elizabeth Dunkley, B.A.	1967
Drury, James Edward Owden, B.Ec.	1959	Duthy, Lester Milton, B.D.S.	1965
Duance, Ronald Leith, B.Tech.	1964	Dutton, Alan Hewitt, B.E.	1938
Dubé, Alan John, B.Ag.Sc.	1966	Dutton, Alice Irene, M.B., B.S.	1940
Duckmanton, Robert Antony, B.A.	1966	*Dutton, Gilbert Henry, B.Sc. (Wales, 1902)	1921
Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949)	1953

* Deceased

Dutton, Ralph Hewitt, M.B., B.S. - - - 1960
 Dwyer, Ann Maud, B.A. - - - 1962
 Dwyer, John Matthew, M.B., B.S. - - - 1928
 Dyer, Allan Ronald, B.Tech. - - - 1958
 Dyer, Bruce Herbert, B.E. - - - 1951
 Dyer, James Ross, B.E. - - - 1951
 B.Ec. - - - 1961
 Dymock, Robert Bruce, M.B., B.S. - - - 1967
 Dyson, Anthony Edward Stafford, B.E. - - - 1964
 Dyster, Colin, B.A. - - - 1964
 Dyster, Thomas, B.A. - - - 1953

E

Eade, John Christopher, M.A. - - - 1967
 Eaden, Philippa Robin, B.A. - - - 1966
 Eardley, Charles Graham, LL.B. - - - 1966
 Eardley, Constance Margaret, M.Sc. (B.Sc., 1931) - - - 1949
 Earl, Dorothy Elizabeth, B.A. (London, 1915) - - - 1917
 Earl, John Alfred, M.B., B.S. - - - 1949
 Earl, John Campbell, D.Sc. (B.Sc., 1921) - - - 1928
 Earle, Ronald Frank, B.E. - - - 1952
 East, Vernon Roy, B.A. - - - 1943
 Eastham, John, B.Tech. - - - 1964
 Easton, Alan Keith, B.Sc. - - - 1963
 Easton, Frederick William Spencer, M.B., B.S. - - - 1956
 Eaton, Heather Campbell, B.A. - - - 1957
 Eaton, Raymond George, B.Ec. - - - 1956
 Eberhard, Ian Harvey, B.Sc. - - - 1965
 Eberhard, Margaret Anne, B.Sc. - - - 1962
 Eberhard, Sydney Thomas, B.Sc. - - - 1944
 Eblen, Colin Dominic, B.D.S. - - - 1951
 Eckermann, Angela May, B.A. - - - 1966
 Eckermann, Frances Marie, B.A. - - - 1958
 Eckermann, Gail Robyn, B.Sc. - - - 1964
 Eckermann, Valerie Helen, B.A. - - - 1965
 Eckersley, Arnold Broughton, B.D.S. - - - 1938
 Eckersley, Percy Cyril Wheaton, B.A. - - - 1921
 Eckersley, Peter Douglas, B.A. - - - 1964
 Eckert, Lexley Frank, B.A. - - - 1966
 Eckert, Rex Anthony, B.Tech. - - - 1966
 Eddy, David Rendall, B.Sc. - - - 1949
 Eddy, Denis Ian, B.Ag.Sc. - - - 1961
 Eddy, James Robert, B.Sc. (Eng.) - - - 1942
 Edelman, Howard John, M.B., B.S. - - - 1939
 Eden, Owen Frederick, B.Sc. - - - 1954
 B.A. - - - 1954
 Edeson, Emily Geraldine, M.A. (Melbourne, 1899) - - - 1902
 Edgar, Heather Mary, B.A. - - - 1957
 B.Mus. - - - 1965
 Edgar, John Alexander, Ph.D. (B.Sc., 1961) - - - 1965
 Edgar, Melvin Lawson, M.B., B.S. - - - 1961
 Edgar, Oscar Patrick, M.B., B.S. - - - 1955
 Edgar, Peter Lindsay, B.A. - - - 1962
 Edgar, Robert Steel, M.Sc. (B.Sc. (Eng.), 1942) - - - 1945
 Edge, Robert Harold, B.Sc. - - - 1952
 Edge, Thomas George, B.A. - - - 1963
 Edgeloe, Michael John, B.Sc. - - - 1961
 Edgeloe, Victor Allen, B.A. - - - 1932
 Edgerley, Margaret Janetta, B.A. - - - 1927
 Edgerley, Mark William, B.Sc. - - - 1950
 Edmonds, Peter Harry, B.E. - - - 1965
 Edmonds, Richard Lewis, B.A. - - - 1964
 Edmonds (nee Humphrey), Rufus Iris Marie, B.Sc. - - - 1955
 Edmonds, Stanley Joe, Ph.D. (B.Sc., 1929; M.Sc., 1947) - - - 1958
 B.A. - - - 1935
 Edmonds, Thomas James, B.A. - - - 1963
 Edson, Peter George, B.A. - - - 1967
 Edwardes, Barry Arthur, M.B., B.S. - - - 1965
 Edwardes, David Rowland, M.B., B.S. - - - 1965
 Edwards, Brenton Colin, B.E. - - - 1966
 Edwards, Carolyn Edith, B.Sc. - - - 1964
 Edwards, David Charles, LL.B. - - - 1962
 Edwards, David George, Ph.D. (B.Ag.Sc., 1960) - - - 1965
 Edwards, David George, B.Tech. - - - 1965
 Edwards, Gordon Robert, B.Ag.Sc. - - - 1949
 Edwards, Graham William, B.A. - - - 1957
 Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921) - - - 1923
 Edwards, Janice Roslyn, B.Sc. - - - 1967

Edwards, Jennifer Marjorie, B.A. - - - 1963
 Edwards, Jennifer Mary, M.B., B.S. - - - 1961
 Edwards, John Brian, B.Sc. - - - 1963
 Edwards, Karl Francis, M.B., B.S. - - - 1932
 Edwards, Naomi June, B.D.S. - - - 1944
 Edwards, Pamela Julie, M.B., B.S. - - - 1951
 Edwards, Paul Julian, Ph.D. (Tasmania, 1964) - - - 1965
 Edwards, Philip Glen, B.Sc. - - - 1959
 Edwards, Richard Graham, B.Ec. - - - 1966
 Edwards, Robert George, M.B., B.S. - - - 1960
 Edwards, Robert Murray, M.B., B.S. - - - 1963
 Edwards, Shirley Blanche, B.Sc. - - - 1944
 Edwards, Victor Wilfred Alcorn, B.A. - - - 1948
 Edyvean, Valerie Joan, B.A. - - - 1966
 Eggleton, David Grosvenor, M.Sc. (B.Sc., 1952) - - - 1956
 Eggleton, Felicity Janet, B.A. - - - 1955
 Eggleton, Richard Anthony, B.Sc. - - - 1959
 Eglinton, Margi Stewart, B.Sc. - - - 1945
 Eglinton, Raelene Dawn, B.A. - - - 1964
 Egoh, Abdul Hamid, B.A. - - - 1966
 Ehmcke, Freda Evelyn, M.B., B.S. - - - 1931
 Ehrke, Ronald Noel, B.Tech. - - - 1965
 Eichler, Hansjoerg, Ph.D. (Dr.rer.nat. (Halle-Wittenberg), 1950) - - - 1959
 Eimer, George Herman, B.E. - - - 1937
 Elder, Audrey Olive, B.A. - - - 1945
 Eisele, Frank James, B.A. - - - 1961
 Ekers, Ronald David, B.Sc. - - - 1962
 Eldridge, David Melbourne, M.B., B.S. - - - 1948
 Eley, Agnes May, B.A. - - - 1944
 Eley, John Robert, B.Sc. - - - 1947
 Elford, Harold Stewart, B.E. - - - 1925
 Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953) - - - 1958
 Elford, Raymond Frank, B.Tech. - - - 1961
 Elford, William Graham, Ph.D. (B.Sc., 1947) - - - 1955
 Elhay, Isaac Jacques, B.A. - - - 1956
 Elhay, Jack, B.Sc. - - - 1966
 Elhay, Sylvan, B.Sc. - - - 1965
 Elix, David Llewellyn, B.E. - - - 1939
 Elix, John Alan, Ph.D. (B.Sc., 1962) - - - 1967
 Elix, Ralph Louis, M.B., B.S. - - - 1954
 Elix, Robert Hugo, M.B., B.S. - - - 1938
 Elix, Robin Guion, B.E. - - - 1957
 Ellerton, Hugh David, Ph.D. (B.Sc., 1961) - - - 1967
 Ellerton, (nee Gersch), Nerida Fay, Ph.D. (B.Sc., 1963) - - - 1967
 Ellery, Brenton Wayne, B.Sc. - - - 1965
 Elliott, Brian Robinson, D.Litt. (B.A., 1931) - - - 1955
 Elliott, David, Ph.D. - - - 1961
 Elliott, Denis Edward, B.Ag.Sc. - - - 1960
 Elliott, Jennifer Anne, B.A. - - - 1959
 Elliott, Kenneth Alexander, B.Ag.Sc. - - - 1932
 Elliott, Lionel John, LL.B. - - - 1936
 Elliott, Malcolm Stacy, B.Ec. - - - 1963
 Elliott, Murray William, M.B., B.S. - - - 1943
 Elliott, Ralph Warren Victor, M.A. (St. Andrews, 1949) - - - 1960
 Elliott, Robert Bartlett, M.B., B.S. - - - 1956
 Elliott, Rodney Gordon, B.A. - - - 1966
 Elliott, Ronald Donovan, LL.B. - - - 1931
 Elliott, Susan Audrey, B.Sc. - - - 1966
 Ellis, Annie Rita, B.Sc. - - - 1905
 *Ellis, Arthur Benjamin, B.A. - - - 1911
 Ellis, Brian David, B.Sc. - - - 1950
 B.A. - - - 1953
 Ellis, Bronwyn Joan, B.A. - - - 1966
 Ellis, Bruce Walter, B.A. - - - 1949
 Ellis, Charlotte, B.A. - - - 1950
 Ellis, Frank, B.E. (B.Sc., 1907, surrendered) - - - 1913
 M.A. (B.A., 1911) - - - 1913
 Ellis, Howard John, M.B., B.S. - - - 1946
 Ellis, John Harry, B.Sc. - - - 1966
 Ellis, John Vickery, B.Ag.Sc. - - - 1957
 Ellis, Keith James, B.Sc. - - - 1964
 Ellis, Robert William, B.A. - - - 1967
 Ellis, Roger Melville, B.A. - - - 1964
 Ellis, Ronald Dudley, B.E. - - - 1947
 Ellis, Ronald Weston, B.Ag.Sc. - - - 1966
 Ellis, Roy Gilmore, B.D.S. - - - 1926
 Ellison, Lawrence Roy, B.E. - - - 1955
 Elms, Valerie Lois, M.B., B.S. - - - 1952
 Elphick, Keith Lewis Jarrett, B.D.S. - - - 1965
 Elsmann, Harmke, B.Sc. - - - 1966
 Ely, Merle Dawn, B.A. - - - 1958
 Emery, James Kenneth, B.E. - - - 1961
 Emery, Peter John, B.A. - - - 1966

* Deceased

Emery, Warren Frederick, M.B., B.S.	1946	Fairbairn, David Francis, B.Ec.	1965
Emmett, Leigh Jackson, B.E.	1961	Fairley, James, M.B., B.S.	1941
Endersbee, Brian Arthur, B.E.	1966	Fairley, Margaret Anne, B.Sc.	1965
Endersbee, Rosslyn Joan, B.A.	1963	Fairley, Neil Hamilton, M.D. (Melbourne, 1917)	1949
England, Barbara Winsome, B.A.	1964	*Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered)	1913
England, Clarence William, M.B., B.S.	1925	Fairweather, Edna May, B.A.	1932
England, Edith Pauline, B.A.	1967	Fairweather, Ethel Firl, B.D.S.	1955
England, Ernest Bert, M.B., B.S.	1952	Fairweather, John Henry, B.E.	1954
England, Ernest James, M.B., B.S.	1951	Falconer, Ian Robert, Ph.D. (Aberdeen, 1960)	1961
England, Gerald Clifford, B.A.	1960	Falkenberg, Walter Edwin, B.A.	1940
England, Harold Norman, B.Sc.	1925	Fallows, Donald Walter, B.Tech.	1963
England, Harry Clement, B.E.	1930	Fan, Shao Wen, M.B., B.S.	1964
England, James Hurtle, B.Sc.	1966	Fander, Hans Walter, M.Sc.	1961
England, Peter John, B.Ag.Sc.	1967	Fanning, Elizabeth Ann, D.D.S. (New Zealand, 1960)	1964
England, Robert Keith, B.Sc.	1963	Fanning, John Willson, B.Tech.	1963
Enkelman, Andrew, B.E.	1967	Fanning, Joseph Charles, M.B., B.S.	1963
Erdmann, Hermann Rudolf, B.Tech.	1965	Fardon, Daniel Fredrick, B.Tech.	1965
*Erichsen, Matthias, M.B., B.S.	1903	Fargher, Philip John, B.E.	1956
Ericson, Leon Gordon, Ph.D. (B.Sc., 1955)	1959	Farmer, Anthony John Douglas, B.Sc.	1965
Erikson, Erik Theodore, M.B., B.S.	1964	Farmer, Helen Robinson, B.A.	1945
Eriksen, Peter Warwick, LL.B.	1966	Farmers, Annette Mary, B.Sc.	1962
Esdaile, James Durie, Ph.D. (B.E., 1955)	1965	Farnell, Leila Mavis, B.A.	1933
Espie, Frank Fancett, B.E.	1913	Farmden, Kevin John Francis, B.Sc.	1966
Espie, Frank Fletcher, B.E.	1947	Farr, Alan Pembroke, B.A.	1950
Esselbach, Brian Humphrey, B.E.	1963	Farrant, Ian Raddon, B.Sc.	1964
Esselbach, Rodney, B.A.	1956	Farrant, Michael John, B.E.	1958
Eu, Swee Lian, Bernice, M.B., B.S.	1962	Farrant, Robert Kennion, B.Sc.	1967
Eustace, John Leonard, B.D.S.	1921	Farrell, Edward Francis, B.A.	1940
Evans, David Denton Edwards, M.B., B.S.	1960	Farrelly, Jillian Mary, B.A.	1964
Evans, David Garth, B.Tech.	1962	Farrent, Thomas Albert, B.Sc.	1923
Evans, David Wyke, B.Ec.	1957	B.E.	1924
Evans, Deane Charles, B.A.	1965	Farrer, Kenneth Joseph, B.A. (B.A. (Econ), Manchester, 1949)	1954
Evans, Dene, B.E.	1951	Farrow, Murray Aubrey, B.A.	1945
Evans, Elizabeth Ann, B.Sc.	1960	Farrow, Robert Murray, B.A.	1956
Evans, Eric Laurence, B.A.	1930	Farsch, Rehle Katherine, B.A.	1955
Evans, Geoffrey Gordon Llewellyn, B.D.S.	1951	Faulkner, Denys Barrie, B.A.	1959
Evans, Geoffrey William, Ph.D. (B.Sc., 1959)	1965	Faulkner, Douglas William, B.Sc.	1961
Evans, George Richard, B.E.	1937	Faull, James Francis, B.A.	1967
Evans, Horace Clement, B.Ec.	1956	Faunce, Marcus De Laune, M.B., B.S.	1946
Evans, John William, M.A. (Cambridge, 1931)	1932	Faunce-de Laune, Alured Bonham, LL.B.	1967
Evans, Kenneth Alan Greig, M.B., B.S.	1953	Fausser, Geoffrey Alan, B.Sc.	1966
Evans, Lloyd Lindsay Carey, M.B., B.S.	1957	Favilla, Domenico Raffaello, B.Ec.	1954
Evans, Marilyn Joan, B.A.	1957	Favilla, Ian, B.Med.Sc.	1962
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929)	1943	M.B., B.S.	1965
Evans, Michael John de la Poer Beresford, B.Ec.	1967	Fawcett, Robert Graham, B.Ag.Sc.	1959
Evans, Owen Ross, B.E.	1950	Featherstone, Dora Bewlay, M.A. (B.A., 1918)	1932
Evans, Richard Wyke, LL.B.	1963	Fechner, Martin Johann Traugott, B.A.	1937
Evans, Robert George, M.B., B.S.	1954	Fee, Warren William, Ph.D. (B.Sc., 1956)	1962
Evans, Robert William, B.Tech.	1964	Fehlberg, Tasman Julius August, B.A.	1932
Evans, Samuel Islwyn, Ph.D. (Sheffield, 1950)	1961	Feineler, Josephine Mary, B.A.	1962
Evans, Terence Charles, LL.B.	1967	Felgate, David Gordon, B.Sc.	1964
Evans, Walter Alfred Wyke, B.D.S.	1928	Felgenhaur, Robert Frederick, B.A.	1949
Evans, Wilfred Robert, B.E.	1924	Feilenberg, Alan John, B.Sc.	1966
Everard, Betty Ann, B.Sc.	1945	Felstead, Brenton James, B.D.S.	1967
Everitt, Graham Charles, Ph.D. (M.Sc. (Wales, 1958), 1962)	1966	Fennell, David John, B.Sc.	1964
Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951)	1951	Fennell, Trevor Garth, B.A.	1962
Everton, Rosalind Anne, B.Sc.	1962	Fenner, Frank John, M.D. (M.B., B.S., 1938)	1942
Ewers, John Qualtrough, LL.B.	1929	Fenner, Theodore Lyell, B.Ag.Sc.	1961
Ewers, John Robert, B.E. (Western Australia, 1956)	1965	Fenner, William Greenock, B.E.	1945
*Ewers, William David, B.A.	1934	Fenwick, Aline Mary, LL.B.	1944
Ewers, William Hector, B.Sc.	1957	Feodoroff, Nicholas, B.E.	1962
Excell, John Eliot, B.E.	1940	*Ferguson, Andrew, B.Sc.	1904
Ey, Geoffrey Thomas, M.B., B.S.	1947	Ferguson, James, Ph.D. (B.Sc., 1960)	1966
Eyers, Vivian George, B.Sc.	1955	Ferguson, James Andrew, B.Ag.Sc.	1959
Eyles, Helen Mary, B.Sc.	1943	Ferguson, John Cameron, LL.B.	1964
Eyles, Philip Sydney, M.B., B.S.	1942	Ferguson, Judith Alison, B.Mus.	1967
B.A.	1949	Ferguson, Malcolm Linley, B.Sc.	1964
Eylward, Richard John, B.Sc.	1954	Ferguson, Wilfred John, B.A.	1930
Eyres, Michael John Worthington, B.Ec.	1966	Ferguson, William Rex, B.E.	1931
Ezekiel, Eric, M.B., B.S.	1958	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
		Fidler, Noel Hadden, Ph.D. (B.Sc., 1960)	1965
		Fidler, Roger Winton, B.Sc.	1967

* Deceased

Fidock, Dean Henwood, B.E.	1952	Flaherty, Edward John, B.A.	1924
Fiebig, Eric Ronald, B.Tech.	1959	Flaherty, Francis Ignatius, M.B., B.S.	1935
Field, Alan Kimber, B.A.	1956	Flaherty, James Aloysius, M.B., B.S.	1952
Field, Frederick Laurence, LL.B.	1936	Flaherty, Teresa Anne, B.A.	1958
Field, Donald William, B.Sc.	1967	Flavel, John Paul, B.Ec.	1967
Field, Graham John, Ph.D. (B.E., 1958)	1964	Flavel, Warren Louis, B.E.	1965
Field, John Benjamin Francis, B.Sc.	1967	Flecker, Margaret Mabel, M.B., B.S.	1932
Field, Peter Stewart, B.Ec.	1964	Flecker, Patrick Oscar, M.B., B.S.	1944
Fielder, Donald Raymond, Ph.D. (B.Sc., 1958)	1964	Fleming, Francis John, B.E.	1938
Fielding, Gavin Leonard, LL.B.	1966	Fleming, Hugh Douglas, B.E.	1934
Fielding, John Mathew, M.B., B.S.	1963	Fleming, Kenneth Howard, B.Tech.	1962
Fielding, Leonard Edmund, B.E.	1937	Fleming, Peter David, B.Sc.	1965
Filipic, Marijan, M.B., B.S.	1960	Fleming, Suzanne Diana, LL.B.	1966
Filmer, Kenneth Frederick, B.D.S.	1948	Flentje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947
Filsell, Owen Holbrook, B.Sc.	1954	Fletcher, Ann Willoughby, B.A.	1953
*Finch, Emily Olive, B.A.	1913	Fletcher, Enid Lillian, B.A.	1959
Finch, Janette Helen, B.A.	1963	Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936
Finch, Peter Stewart, M.B., B.S.	1952	Fletcher, Helen Weld, B.A.	1933
Findlay, Andrea MacDougall, B.Mus.	1967	Fletcher, Ian Clark, B.Ag.Sc.	1961
Findlay, Geoffrey Putnam, Ph.D. (Tasmania, 1963)	1966	Fletcher, John, Ph.D. (Keele, 1964)	1966
Findlay, John Kerr, B.Ag.Sc.	1966	Fletcher, John Weld, LL.B.	1947
Findlay, Marjorie Clifford, B.A.	1963	Fletcher, Judith Willoughby, B.Sc.	1960
Finger, Martyn Rudolph, B.E.	1951	Flett, John Stanley, B.Sc.	1941
Finlay, Ada Jeanne, B.A.	1951	M.B., B.S.	1951
Finlay, Frederic Albert Montague, Mus.Bac.	1940	Flew, Robert John, B.Ec.	1964
Finlay, Keith Warren, Ph.D. (W.A., 1953)	1961	Flierl, Hans Eric, B.E.	1957
Finlay, Richard John Malcolm, B.A.	1963	Flint, Harold Elsdon, M.A. (B.A., 1919)	1927
Finlayson, Allan Harvey, B.E.	1932	Flint, Peter Leighton, LL.B.	1963
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	1936	Flint, Richard Russell, B.E.	1942
Finlayson, Frank Harvey, B.E.	1930	Flock, Ernest Leslie, M.B., B.S.	1964
Finlayson, James Francis, B.Sc.	1940	Flood, Edward Dermott, B.App.Sc.	1966
Finn, Beatrice Mary, B.A.	1938	Flood, Frederick George, B.Tech.	1967
Finnis, John Mitchell, LL.B.	1962	Floreami, Leo Trevor, B.E.	1963
Finnis, Maurice Meredith Steriker, B.A.	1937	Floreami, Robert Franco, LL.B.	1966
Finucane, Anthony James, B.E.	1966	Floreys, Hilda Josephine, M.B., B.S.	1912
Finucane, Kevin Eugene, M.B., B.S.	1957	*Florey, Baron; Howard Walter, M.D. (M.B., B.S., 1921)	1944
Fischer, Alastair James, B.Sc.	1964	D.Sc. (Sheffield and Birmingham)	1963
Fischer, Arthur Frederick, LL.B.	1925	Floreys, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950
Fischer, Gerald Lyn, B.A.	1954	Flower, Clifford James McKinnon, M.B., B.S.	1953
Fischer, Gwenda Clare, LL.B.	1965	Flower, Ian Cameron, B.E.	1963
Fishburn, Thomas Harold, B.A.	1932	Flynn, Kevin John, B.A.	1938
Fisher, Anthony Graham, M.B., B.S.	1946	Foale, Anthony Ernest, B.Tech.	1966
Fisher, Brian George, B.E.	1960	Foale, Harold Robert, LL.B.	1933
Fisher, Charles Douglas, M.A. (Oxford, 1953)	1963	Foale, Michael Ambrose, B.Ag.Sc.	1957
Fisher, Cynthia Anne, LL.B.	1967	Fogg, David Anthony Berthold, B.Sc.	1965
Fisher, David John, B.E.	1960	Foley, Shane Patrick, B.E.	1967
Fisher, Dean Francis, B.Tech.	1960	Fong, Jek Swee, B.E.	1960
Fisher, Dennis James, B.A.	1965	Fong, Lian Hern, B.Sc.	1961
Fisher, Francis Robert, LL.B.	1950	Foong, Siew-Wan, B.Sc.	1966
Fisher, George Read, B.E.	1925	Fong, Thin Yiew, B.E.	1958
Fisher, Graeme Robert, B.Ec.	1966	Fong, Yeng Soh, B.E.	1959
Fisher, Harry Medical, M.B., B.S.	1922	Foo, Chee Eng, B.E.	1960
Fisher, Helen Joan, B.Sc.	1955	Foo, Chee Kok, B.Sc.	1964
Fisher, Helen Violet, B.A.	1967	Foo, Seow Weng, B.Sc.	1963
Fisher, James Hubert Thomas, M.E. (B.E., 1934)	1950	Foo, Thian Wooli, Anthony, B.E.	1964
Fisher, John Malcolm, Ph.D. (B.Ag.Sc., B.Sc.Agr., Sydney, 1953) 1959	1966	Foong, Siew Muay, M.B., B.S.	1957
Fisher, John Wayne, B.Sc.	1966	Foong, Siew-Wan, B.Sc.	1966
*Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959	Foong, Swee Kai, B.E.	1961
Fisher, Ruben Walter Alfred, B.A.	1948	Foord, Peter Maxwell, B.E.	1952
Fisher, Tryphena Ellen, B.A.	1930	Foot, Colin John, B.E.	1962
Fisk, Graham Bristow, M.B., B.S.	1946	Foot, George Buchanan, B.Sc.	1934
Fitch, Kenneth Duncan, M.B., B.S.	1955	Foot, John Lester, M.B., B.S.	1965
Fitch, Rosemary Lamburn, B.A.	1949	Footner, Bruce Albert, B.Tech.	1958
Fitch, Russell John, M.B., B.S.	1963	Forbes, Alexander James deBurgh, B.A.	1951
Fitzgerald, Anne-Marie, B.Sc.	1955	Forbes, Allan McLean, B.Tech.	1965
Fitzgerald, Bartholomew John, B.A.	1929	Forbes, Andrew Alderman, LL.B.	1967
Fitzgerald, Clarence Lindsay, B.A.	1952	Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956
Fitzgerald, Desmond Elwyn, B.Tech.	1961	Forbes, David Stewart, M.B., B.S.	1955
Fitzgerald, Gerald, B.D.S.	1932	Forbes, Elizabeth McLean, B.A.	1962
Fitzgerald, Hugh Lawrence, B.A.	1940	Forbes, Ian James, M.D. (M.B., B.S., 1956)	1964
Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908	Forbes, William, B.A.	1936
Fitzgerald, Judith Barbara, B.A.	1966	Forbes, William McDougall, B.Sc.	1961
Fitzgerald, Peter Lawrie, B.A.	1967	Ford, Barry Raymond, B.Ec.	1967
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928	Ford, Christopher John, B.E.	1967
Fitzpatrick, Alan Harding, M.B., B.S.	1953	Ford, Graeme West, B.Ag.Sc.	1964
Fitzpatrick, Barry Niland, M.D.S. (Western Australia, 1960)	1965	Ford, James Albert, B.A.	1919
Fitzsimons, Robert Owen, B.A.	1964	Ford, John Mackay, B.Sc.	1964
Flaherty, Anna Theresa, B.A.	1953	Ford, John Robert, B.E.	1960
Flaherty, Denis Oakley, B.Ag.Sc.	1966	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

* Deceased

Foreman, David Barry, B.Tech.	1967	Freeman, Jef Elliot, B.Sc.	1940
Foreman, David John, B.E.	1967	Freeman, Peter James, B.Ag.Sc.	1967
Foreman, Graham, B.Ec.	1967	Freeman, Robert Roger, M.B., B.S.	1962
Forgan, Anthony James, B.E.	1954	Freestun, William David, B.E.	1949
Forgan, Dorothea Wald, M.B., B.S.	1958	Freidenfelds, Maija, B.D.S.	1961
Forgan, Frederick Robert, LL.B.	1928	Freidenfelds, Mara, B.Sc.	1961
Forgan, Humphrey Crayle, B.E.	1927	Freidenfelds, Regina, B.D.S.	1956
Forgan, Peter John, M.B., B.S.	1959	Freiman, Richard, B.E.	1967
Forgan, Sydney Bayly, M.B., B.S.	1926	French, Alfred, M.A. (Cambridge, 1946)	1951
Forgie, Donald Schollar, B.A.	1949	French, Eric Lancelot, M.Sc. (B.Sc., 1942)	1948
Formby, John Richard, B.Ec.	1965	French, Margaret, B.A.	1961
Fornby, Myles Landseer, M.B., B.S.	1924	French, Reginald James, M.Ag.Sc. (B.Ag.Sc., 1948)	1967
Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943	French, Robert John, B.Sc.	1965
Forrest, Anna Marlene Helen, B.A.	1966	Freney, Martin Raphael, B.Sc.	1930
Forrest, Richard Bruce, B.Sc.	1965	Freney, Roger Quentin, B.Ec.	1965
Forrest, Waldie William, B.Sc.	1948	Frewin, Derek Brian, M.B., B.S. (Ceylon, 1965)	1967
Forrester, James Clifford, B.E.	1965	Freytag, Ian Bernard, B.Sc.	1955
Foster, William Edward Stanley, LL.B.	1950	Frick, Anthony James, B.E.	1962
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955	Frick, Majorie May, LL.B.	1934
Forsyth, Heather McKenzie, B.Sc.	1961	Frick, Patricia Marian, LL.B.	1938
Forsyth, Robert Samuel, B.A.	1937	Frick, Ross Allen, B.Sc.	1958
Forward, David William, B.A.	1966	Frickauss, Valdons Elmars, B.A.	1963
Forward, Marilyn Joy, B.Sc.	1962	Fricke, Graham Andrew, B.E.	1955
Forwood, Peter Strauss, B.Sc.	1956	Fricke, Lyall Peterie, B.Sc.	1949
Foster, Barry Wayne, B.Tech.	1965	Fricke, Norman Meshach, B.E.	1951
Foster, Robert Jacob, B.E.	1955	Fricke, Richard John, B.Sc.	1933
Fotheringham, Brian James, B.Med.Sc. M.B., B.S.	1966	Fricke, Vera May, M.A. (B.A., 1930)	1932
Fotheringham, James David, M.B., B.S.	1937	Fridman, Gerald Henry Louis, LL.B. (B.C.L., Oxford, 1950)	1953
Fotheringham, Walter Douglas, B.E.	1956	LL.M.	1955
Foulis, John Bruce, B.Tech.	1964	Friedrichs, Beverly, B.Sc.	1967
Fowler, Barry Herbert, B.A.	1966	Frisby-Smith, Margaret Rose, B.A.	1965
Fowler, Dorothy Colyer, B.A.	1949	Frith, Ernest Everard, B.Sc.	1949
Fowler, James Henry, B.E.	1952	Fritsch, Garnette Grace, B.A.	1957
Fowler, Jeffrey Thomas, B.Tech.	1966	Fritsch, Eunice Serena, B.A.	1947
Fowler, Kenneth Raymond, B.A.	1955	Fritsch, Luthilde Clara, B.A.	1948
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951	Fritsch, Mary Walda, M.B., B.S.	1955
Fowler, Robert Malcolm, B.Ec.	1958	Fritzsche, Janet May, B.Arch.	1965
Fowler, Russell Aubrey, B.Sc.	1919	Frost, Mary Millicent, B.A.	1927
Fowler, Thomas Peter, B.Ec.	1964	Frost, Nicholas Colin, B.E.	1967
Fowler, Trevor John, B. Ec.	1962	Fry, Adelaide Elizabeth, LL.B.	1953
Fowless, Joan Ann, B.Sc.	1965	Fry, Dorothy Gillian, B.A.	1945
Fox, Allan Douglas, B.E.	1967	Fry, Geoffrey Alfred, B.Tech.	1960
Fox, Barry, LL.B.	1965	Fry, Jacqueline Frances Murray, B.Sc.	1961
Fox, Bruce Spafford Owen, M.B., B.S.	1959	Fry, Leslie Barry, B.E.	1954
Fox, David Michael, B.D.S.	1953	Fry, Peter Leslie, M.B., B.S.	1965
Fox, Ina Alice Owen, M.B., B.S.	1938	Fry, Robert Mason, B.Sc.	1947
Fox, Robert Owen, M.B., B.S.	1925	Fryar, Stephanie Sue, B.Sc.	1967
Fox, William Thomas, B.Tech.	1962	Fryer, Beverley Anne, B.A.	1963
Frahn, Leslie John, M.Sc. (B.Sc., 1941)	1949	Fryer, Colin, B.E.	1963
Francey, Joseph Logan Ayre, M.Sc.	1963	Fryters, Christianus Wilhelmus, B.Tech.	1966
Francis, Albert Edward John, B.Sc.	1949	Fuhlbohm, Margaret, B.A.	1944
Francis, John Graham, M.B., B.S.	1955	Fuller, Anthony Bernard, LL.B.	1966
Francis, Juris, B.Sc.	1962	Fuller, Bonython Clemon, B.Tech.	1961
Francis, Lenore Kay, B.Sc.	1964	Fuller, Clarence Oliver, M.B., B.S.	1954
Francis, Lindsay Edward, B.A.	1967	Fuller, Donald Andrew, B.E.	1955
Francis, Robert Harry, B.Tech.	1967	Fuller, Geoffrey Roy, B.Sc.	1951
Francis, Robert John, B.Sc.	1959	Fuller, George Rayner, B.Sc.	1924
Francis, Valdis, B.A.	1966	Fuller, Kenton David, B.Sc.	1963
Francis, Vera Eleanor, M.A. (B.A., 1938)	1941	Fuller, Michael John, LL.B.	1963
Francis, Wilfred Galton, B.E.	1935	Fuller, William Rayner, M.B., B.S.	1953
Frank, Robert, M.B., B.S.	1965	Fullerton, Anne McPherson, B.Sc.	1957
Frankcomb, John, B.Ag.Sc.	1966	Fullerton, Colin Curtis, B.Tech.	1967
Franklin, Ian Robert, B.Sc.	1960	Fulton, Gwen Evelyn Hamilton, M.A. (B.A., 1932)	1939
Franks, Mary Lorraine, B.Sc.	1959	Funder, Anne Cathrine, B.D.S.	1934
Fraser, Barbara Margaret, B.Sc.	1966	Funder, Brian Patrick, M.B., B.S.	1933
Fraser, Christine, B.A.	1965	Funder, John Francis, B.Sc.	1935
Fraser, Donald James, B.A.	1966	M.B., B.S.	1938
Fraser, Dougal, B.D.S.	1958	Fung, Khyam Shen, B.E.	1957
Fraser, Duncan Lovat Radcliffe, B.Sc.	1950	Furber, Graeme Walter, B.Sc.	1963
Fraser, Frederick Christopher, B.D.S.	1938	Furler, Ian King, M.B., B.S.	1948
Fraser, Harry Lovat, LL.B.	1932	Furness, Eric Taylor, B.Sc.	1955
B.A.	1933	M.B., B.S.	1964
Fraser, Hugh Barron, M.B., B.S.	1955	Furness, Gwenda Marie, B.A.	1941
Fraser, Jeffrey William, B.Tech.	1967	Furniss, Colin Robert, B.Sc.	1967
Frayne, Graham Arthur, B.D.S.	1933	Furniss, Dennis Reginald, M.B., B.S.	1962
Frayne, Harold Bruce, M.D.S. (B.D.S., 1940)	1953	Furze, Betty Joan, B.Sc.	1951
Frayne, John Felix, M.B., B.S.	1936	Furze, Janet Lesley, B.Sc.	1956
Frayne, Max Thorley, B.D.S.	1945	Fuss, Eric Robert, B.A.	1967
Frayne, Peggy Searle, B.Sc.	1945	Fyfe, Dorothy Mary, B.A.	1926
Freak, John Amed, B.Sc.	1965		
Freckelton, Douglas John, B.Sc.	1967		
Frederick, Esmond Joseph, M.B., B.S.	1953		
Freeman, Barry Claude, B.E.	1961		
Freeman, Brian, B.Ag.Sc.	1966		
Freeman, Colin, B.Sc.	1966		

* Deceased

G

Gabb, Bronte Winston, B.Sc.	1961
B.Med.Sc.	1961
M.B., B.S.	1962
Gabb, Mary Elizabeth, M.B., B.S.	1960
Gadihe, Horst Werner, B.Tech.	1965
Gaetjens, Gertrude Vera, B.A.	1925
Gaffney, Fay Madeline, B.Sc.	1949
Gaffney, Richard Stephen, B.Ec.	1959
Gaffney, Robert John, B.Sc.	1964
Gage, Josephine Helen, B.A.	1966
Gagolski, Julian, Ph.D.	1955
Galatilis, Antanas, B.Tech.	1960
Galbory, Jutta Maria Paula, B.A.	1965
Galbraith, Cyril, B.E.	1927
Gale, Allen Ewart, M.B., B.S.	1958
Gale, Frederick Julius, B.A.	1915
Gale, Gwendoline Fay, Ph.D.	1962
Gale, Margaret Jean, B.A.	1953
Gall, Thomas Mitchell, LL.B.	1966
Gallagher, William Edward, M.B., B.S.	1932
Gallasch, David Russel, B.Mus.	1966
Gallasch, Frank Edward, M.B., B.S.	1927
Gallasch, Glen Lenard, B.E.	1967
Gallasch, Harold Ernest, B.Ag.Sc.	1965
Gallasch, Malcolm George, B.E.	1955
Gallasch, Wendy Anne, B.Mus.	1967
Galliford, Robert Henry, B.Sc. (Eng.)	1947
Galliver, George David, M.A. (Oxford, 1951)	1966
Gallus, Hermann Peter Christian, M.Sc. (B.Sc., 1928)	1934
Galpin, Arthur Lorden, B.E.	1949
Galvin, Leola Beth, B.Sc.	1945
Galvin, Patrick John, B.A.	1958
Galvin, Selma Ruth, B.A.	1953
Galvin, Thomas Bernard, B.A.	1916
Gamble, Beverley Joan, B.A.	1967
Gamble, Graham Beaumont, B.Sc.	1963
Gamble, Valerie Joan, B.A.	1966
Gambling, David John, M.Sc. (B.Sc., 1963)	1967
Gambling, Janice Melva, B.A.	1958
Game, David Aylward, M.B., B.S.	1949
Game, John Aylward, M.B., B.S.	1938
Game, Patricia Jean, M.B., B.S.	1949
Gameau, David John, M.B., B.S.	1967
Gan, Kwai, M.B., B.S.	1965
Gan, Tiang Hoe, B.Sc.	1962
Gan, Triang Hua, B.Sc.	1958
Gann, Eric Crump, B.A.	1950
Gann, Graham Dean, B.E.	1957
Ganzis, Nicholas, B.A.	1963
Gara, William Balint, B.Sc.	1966
Garbaliuskas, Leonardas Raimundas, B.E.	1954
Garbett, Carolyn Stewart, B.A.	1967
Garbett, Meredith Stewart, B.A.	1963
Garçon, Nicole, M.A. (Dip. d'Ét. Sup., Poitiers, 1948)	1965
Gard, Jeanette Trush Brentnall, M.B., B.S.	1953
Gardiner, Beauchamp Lennox, B.Sc.	1902
Gardiner, Philippa Margaret, M.B., B.S.	1942
Gardini, Alessandro, B.Sc.	1962
Gardner, James Laurie, B.Sc.	1967
Gardner, John Henry, M.B., B.S.	1961
Gare, Lloyd, B.Sc.	1932
B.A.	1950
Gare, Margaret Ann, B.Sc.	1967
Garrad, Kenneth, Ph.D. (Cambridge, 1955)	1966
Garran, Elisabeth Rosemary, B.A.	1954
Garrett, David Mitchell, B.E.	1958
Garrett, Dorothea Helene, B.A.	1934
Garson, Ronald Walter, B.A. (Sydney, 1956, Cambridge, 1958)	1960
Gartermann, Dieter, B.E.	1963
Gartermann, Jorg, B.E.	1965
Garton, Anthony Norman, B.Ec.	1964
Garton, Mary May, B.A.	1923
Gartrell, Eric Frank, M.B., B.S.	1921
Gartrell, Grant, B.Sc.	1964
Gartrell, Peter, M.B., B.S.	1963
Garwoli, Wolfgang, B.Tech.	1965
Gascoine, Christopher Eric, B.Sc.	1965
Gascoine, Digby Frank, B.Ec.	1966
Gaskell, Joan Mary, B.A.	1945
Gaston, Walter Garfield, M.B., B.S.	1953
Gates, Malcolm John, B.E.	1959
Gathercole, Frank John, B.Ag.Sc.	1962
Gault, Estelle Ruth, B.Sc.	1914
M.B., B.S.	1919
Gault, Freda Steele, B.A.	1931
Gault, Maisie Isabel Ogilvy, B.A.	1921
Gavelis, Antanas, B.A.	1960
Gayler, Kenwyn Ronald, B.Ag.Sc.	1962
Gayler, John Andrew, B.Sc.	1962
Gayler, Pamela Anne, B.A.	1961
Gazard, Elisabeth Jane, B.A.	1967
Gazard, Geoffrey Albion, B.A.	1949
Gazard, John Anthony, B.E.	1935
Gaze, Belinda Jane, B.A.	1964
Geary, Erin Michael, B.A.	1966
Geary, Terence Desmond, B.Sc.	1965
Geddes, Robin Alistair, M.B., B.S.	1966
Geekie, Douglas Ian, B.Ec.	1963
Geelen, Ferdinand, B.Sc.	1966
Geering, Adrian Douglas, B.A.	1966
Gehan, Kevin, B.E.	1967
Gehling, Lorenz Wilfred, B.E.	1950
Gehling, Ronda Beryl, Mus.Bac.	1943
Geisler, Frederick, M.B., B.S.	1951
Geisler, Wilfred Ross, B.Sc.	1937
B.Ec.	1954
Gelson, Henrick, M.A. (B.A., 1958)	1964
Gemmell, Donald Stewart, B.Sc.	1955
Genovese, Margaret Rose, B.A.	1966
Gent, Alan Franklin, B.A.	1948
Gent, Alison Grace, M.A. (B.A., 1941)	1948
Gent, John George Moyns, B.A.	1940
Gent, Margaret Georgina, B.A.	1967
Gentle, Valerie Anne, B.Sc.	1967
Gentles, Craeme Latimer, B.E.	1967
Georg, Victor Gerhard, B.A.	1949
George, Adalbert James, B.D.S.	1927
George, Andrew David Howard, M.B., B.S.	1966
George, Barbara Kay, B.Sc.	1957
George, Brenton, B.A.	1966
George, Brian Ambrose, B.Ec.	1964
George, David Charles, B.Sc.	1960
George, Dorothy Beryl, B.A.	1966
George, Hilda Constance, B.A.	1928
George, Ian Gordon, LL.B.	1957
George, Peter Leslie, B.Tech.	1965
George, Robin John, B.Sc.	1963
George, Rowland Francis, B.D.S.	1923
Gerard, Kenneth Edward, B.E.	1935
Gerhardy, Gordon John, B.A.	1962
Gerken, Rosemarie, B.A.	1961
Gerlach, Rodney Vernon, B.Sc.	1967
Gerlach, Max Johann, B.A.	1925
Gerlach, Stephen, LL.B.	1967
Gerner, Brian John, B.A.	1967
Gerny, Elma Seavington, B.Sc.	1936
Gerny, John Seavington, M.E. (B.E., 1936)	1949
Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
Gerrard, Jeffrey Mark, M.B., B.S.	1965
Gersteling, Harry, B.Sc.	1961
Gervasi, Agostina Fausta, B.A.	1963
Gervasi, Ila Lydia, LL.B.	1961
Geytenbeek, David Robert, B.Sc.	1952
Geytenbeek, Peter Everard, B.Ag.Sc.	1950
Giam, Choo Huat, B.E.	1960
Gianakos, Eric Peter, B.Tech.	1963
Gibb, Kenneth Murray, B.E.	1942
Gibberd, Margaret, B.Sc.	1966
Gibberd, Robert William, B.Sc.	1964
Gibberd, William Obed, M.Sc. (B.Sc., 1940)	1945
Gibbes, Alfred Francis Blower, B.Tech.	1960
Gibbes, Elaine Frances Keele, M.B., B.S.	1953
Gibbes (nee Wilson), Geraldine Margaret, B.A.	1961
Gibbes, Glen Erskine Giles, B.Tech.	1963
Gibbison, Marie Claire, B.Sc.	1951
Gibbs, Allan George, B.E.	1933
Gibbs, Anthony Matthews, B.A. (Melbourne, 1956)	1960
Gibbs, Betty Valmai, B.A.	1949
Gibbs, Bruce Glanville, B.E.	1955
Gibbs, David Norris, Ph.D. (London, 1955)	1958
Gibbs, Glen Barker, LL.B.	1958
Gibbs, Graham Rossiter, B.Ec.	1953
Gent, John George Moyns, B.A.	1940
Gibbs, John Barry, B.E.	1965
Gibbs, Malcolm Henry, B.Sc.	1958
Gibbs, Margaret Isabel, B.Sc.	1962
Gibbs, Ronald Malcolm, B.A.	1960

* Deceased

Gibson, Bramwell St. Clair, B.Tech.	1958	Glasson, Alan Raymond, B.Sc.	1964
Gibson, Christine Mary, B.A.	1965	Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958
Gibson, Douglas Barr, M.B., B.S.	1945	Glastonbury, Dudley Ivan, B.Sc.	1930
Gibson, Edmund Ralph Boyce, B.A.	1966	Glastonbury, James Oliver Garnet, B.A. M.Sc. (B.Sc., 1928)	1932
Gibson, Geoffrey Eric, M.B., B.S.	1965	Glastonbury, Keven, M.B., B.S.	1926
Gibson, George Taylor, M.B., B.S.	1935	Glastonbury, Kevin Brian, M.B., B.S.	1963
Gibson, Gladys Ruth, B.A.	1937	Glastonbury, Ronda May, B.Sc.	1965
Gibson, Graham Coyne, B.A.	1949	Glastonbury, Susan Remfry, LL.B.	1966
Gibson, Irene Jean, B.A.	1965	Glastonbury, William Francis, M.B., B.S.	1964
Gibson, Jennifer Ruth, B.A.	1967	Glayde, Ernest James, B.E.	1927
Gibson, John Keith, B.A.	1962	Gledhill, John Douglass, B.E.	1952
Gibson, Malcolm Milne, B.A.	1956	Glencross, Denis John, M.Ed. (Western Australia, 1964)	1966
Gibson, Margaret Dawn, B.Sc.	1952	Glendenning, Alan John, B.Sc.	1966
Gibson, Margaret Elsbeth, B.A.	1967	Glenn, Alan John, B.Ec.	1965
Gibson, Patricia Mary, B.A.	1960	Glenn, Graham Gordon, B.A.	1958
Giddings, Keith, B.A.	1962	Glenn, Margaret Joy, B.A.	1958
Giersch, Leonard Ernst, B.A.	1940	Glesinger, Marianne Antonie, M.B., B.S.	1953
Gifford, Alfred Silva Harril, LL.B.	1922	Glew, Elaine Frances, M.B., B.S.	1967
Gilbert, Allan Baxter, B.Tech.	1965	Glew, Geoffrey, M.B., B.S.	1967
Gilbert, Anthony Roland, B.Sc.	1962	Gliddon, Alfred Bertram Keith, M.B., B.S.	1948
Gilbert, Joan Marion, B.A.	1961	Gliddon, Edmund Barton, B.E.	1966
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948	Gliddon, William Aquilla Robert James, B.A.	1950
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959	Glinka, Natalie, M.B., B.S.	1962
Gilbert, Stephen Hamilton, B.E.	1934	Clonek, Jan, B.Tech.	1962
Gilbertson, Nannette, B.A.	1951	Glover, Brian, B.Sc.	1945
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959	Glover, Henry Acraman, B.Ec.	1967
Gilchrist, Robert James, B.A.	1950	Glow, Lotte, Ph.D.	1964
Gild, Albert, M.B., B.S.	1934	Glow, Peter Helmut, Ph.D. (London, 1958)	1960
Gild, David, M.B., B.S.	1938	Gluis, John, M.A. (B.A., 1911)	1922
Gilding, Gwendoline Fay, B.A.	1952	Gluyas, Maxwell Allan, M.B., B.S.	1957
Gilding, Kevin Rex, B.A.	1952	Gluyas, Peter James, B.Tech.	1967
Giles, Allan Leonard, Mus.Bac.	1950	Gluyas, Richard John, B.D.S.	1956
Giles, David Lithgow, B.E.	1960	Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Giles, Douglas Haynes, B.E.	1954	Glynn, Brian McMahon, LL.B.	1933
Giles, Harold, B.A.	1911	Glynn, Denis McMahon, LL.B.	1929
Giles, Ireton Elliot, B.A.	1897	Glynn, Robert McMahon, M.B., B.S.	1919
Giles, Jack Bernard, B.Sc.	1943	Gnanasammugan, Balasuntharam, B.E.	1959
Giles, John Robert, B.E.	1966	Goatcher, Philip Daniel, M.B., B.S.	1945
Giles, James Palmer, B.A.	1931	Goble, James Roy, B.Tech.	1960
Giles, James Ramsay, B.A.	1959	Gobbett, Donald Lyon, B.A.	1962
Giles, Keith Emanuel, M.B., B.S.	1951	Gobbett, Estelle Margaret, B.A.	1961
Giles, Marilyn Joy, M.B., B.S.	1967	Gobbett, Thelma Jean, B.A.	1950
Giles, Mortimer, LL.B.	1911	Goddard, Peter Norman Lighton, B.Sc.	1959
Giles, Nigel Stuart, B.Sc.	1905	Godfrey, Edward John Owen, M.B., B.S.	1945
Giles, Peter Mortimer, B.E.	1953	Godfrey, James Cecil, B.E.	1962
Giles, William Ronald, B.Arch.	1966	Godfrey, Kirke Charles, M.B., B.S.	1914
Gilfedder, Peter Thomas, B.A.	1961	Godfrey, Robert Charles, M.B., B.S.	1944
Gilfillan, William Robert, B.E.	1948	Godlee, Margery Rebecca, B.A.	1917
Gill, Clarence William Cecil, B.A.	1934	Godlee, Theodore, M.B., B.S.	1932
Gill, John Bernard, M.A. (Melbourne, 1963)	1967	Godwin, John Robert, B.A.	1966
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913	Godwin, Suzanne, B.A.	1962
Gill, Peter Grantley, M.B., B.S.	1967	Goh, Deu-Nee, B.Sc.	1967
Gill, Raymond Harold, B.E.	1951	Goh, Hee Boon, B.Sc.	1966
Gill, Richard Townshend, M.B., B.S.	1951	Goh, Kim Kee, Ivy, B.Sc.	1964
Gill, Robert Charles, B.Sc.	1957	Goh, Men Hai, William, M.B., B.S.	1965
Gill, Rodney Trevor, B.Ec.	1961	Goh, Teik Poh, B.Sc.	1965
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934	Goh, Tong Hong, B.Sc.	1964
Gillam, Leon George, M.B., B.S.	1954	Gold, Mervyn Roy, M.B., B.S.	1939
Gillen, Robert Spencer, M.B., B.S.	1953	Gold, Ronald Geoffrey, M.B., B.S.	1952
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1938)	1943	Goldbeck, Rene Alice, M.B., B.S.	1949
Gillespie, Doris Pearl, B.A.	1940	Goldby, Frank, M.D. (Cambridge, 1936)	1937
Gillespie, Elsie Jean Ann, B.A.	1935	Goldfinch, Arthur Leslie, B.Sc.	1951
Gillespie, Frank Cecil, B.Sc.	1956	Goldfinch, Conway Peter, M.B., B.S.	1961
Gillespie, Graeme James, M.B., B.S.	1966	Golding, Edmond William, B.A.	1951
Gillespie, William Charles, LL.B.	1927	Golding, Phyllis May, B.A.	1951
Gillett, Bernard St. Patrick, M.B., B.S.	1928	Golding, Robin Joy, B.A.	1967
Gillett, Mervyn Clem, LL.B.	1931	Goldney, David Charles, B.Sc.	1962
Gillham, Charles Alfred, B.A.	1911	Goldsmith, Robert Eric Lewis, B.Sc.	1961
Gillham, James Edgar, B.A.	1954	Goldsworthy, Arthur Clive, B.A.	1953
Gilligan, John Eugene, M.B., B.S.	1961	Goldsworthy, David, B.A.	1949
Gilliland, John Robert, B.Tech.	1965	Goldsworthy, David John, B.A.	1960
Gillion, Kenneth Lowell Oliver, Ph.D. (Australian National University, 1959)	1963	Goldsworthy, Eric Roger, B.Sc.	1950
Gillissen, Albert Johan, B.Arch. (New Zealand, 1958)	1964	Goldsworthy, Janice Julia, B.A.	1956
Gillman, Phyllis Constance, B.A.	1916	Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930
Gilmore, Hugh Robert, M.B., B.S.	1945	Goldsworthy, Lance Rodney, M.B., B.S.	1959
Gilmore, Jean, LL.B.	1934	Goldsworthy, Reuben, B.Sc.	1948
Gilmore, Vytautas, M.B., B.S.	1963	Golin, Reg John, B.Sc.	1966
Giorgio, Antonio, M.B., B.S.	1956	Golinger, Donald, M.B., B.S.	1955
Gladingau, Rita Doreen, B.Ec.	1948	Gollan, John Lachlan, M.B., B.S.	1966
Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951	Golledge, John Gouldhawke, M.B., B.S.	1954
Glaessner, Vera Tamara, B.A.	1965	Golley, Bruce Wilfrid, B.E.	1966

* Deceased

Golley, Malcolm George, B.Sc.	1962
Golubovs, Ivars, B.Sc.	1965
Gomez, Rodolfo Mesina, M.Sc. (B.Tech., 1959)	1963
Gong, Ngie Chuong, M.B., B.S.	1966
Good, Brian Francis, Ph.D. (B.Sc., 1955)	1966
Good, Frances Helena, B.A.	1916
Good, John Cosreve, B.A.	1967
Good, Richard John, B.E.	1953
Goodale, Peter Lewis, B.E.	1957
Goodchild, Robin John, B.Sc.	1955
Goode, Alan Douglas Tracy, B.Sc.	1965
Goode, Benjamin Ryall, M.B., B.S.	1947
Goode, Christine Mary, B.A.	1967
Goode, Harold Ralph, B.E.	1945
Goode, Henry Arthur, M.B., B.S.	1938
Goode, John Reginald, B.Ag.Sc.	1937
Goode, Kenneth Burden, B.E.	1914
Goode, Muriel Gertrude, Mus. Bac.	1911
Goode, Philip Charles Ryall, M.B., B.S.	1939
Goode, Thomas Britten, M.B., B.S.	1952
Goode, Thomas Ryall, B.E.	1937
Gooden, Brett Andrew, M.B., B.S.	1967
Gooden, Edgar Whitridge, B.Sc.	1957
Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955)	1958
Gooden, John Stanley, M.Sc. (B.Sc., 1940)	1945
Gooden, Philip Compton, M.B., B.S.	1952
Gooden, Rosalind Mary, B.Sc.	1960
Goodenough, Trevor John, B.Sc.	1964
Goodenough, Warwick William, B.A.	1953
Goodes, William John, B.Sc.	1958
Goodhand, Gerald Arthur, B.Sc.	1965
Goodhart, Mabel Flora, D.B.E., LL.B.	1927
Goodhart, Richard Akhurst, M.B., B.S.	1941
Goodman, Cyril William, B.E.	1915
Goodrich, John Eric, M.Sc. (B.Sc., 1960)	1965
Goodrich, Roy Stanley, B.Sc.	1953
Goodridge, Malcolm John, B.Tech.	1963
Goodwin, Geoffrey Leonard, B.A. M.Sc. (B.Sc., 1951)	1959
Goodwin, Robert Douglas, B.Sc.	1967
Gordon, Bruce Rutherford, B.A.	1964
Gordon, Elizabeth Mary, B.Sc.	1964
Gordon, Ian Donald, B.E.	1959
Gordon, John Murray, Mus.Bac. B.A.	1953
Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949
Gordon, Leslie Kenneth, LL.B.	1953
Gordon, Richard Douglas, M.D. (Queensland, 1966)	1967
Gordon, Robin Bruce, B.E.	1964
Gordon-Gardonyi, Steven, M.B., B.S.	1966
Goscombe, Peter Watson, B.Sc.	1959
Goss, Barbara Ann, B.A.	1965
Goss, Mary Blanche, B.A.	1936
Goss, Maurice Lloyd, B.Sc.	1965
Goss, Noel Frederick, B.A.	1934
Gotjamanos, John, LL.B.	1962
Gotjamanos, Theo, M.D.S. (B.D.S., 1964)	1967
Gottschall, Martin, M.E., (B.E., 1960)	1966
Gottsche, Graham, B.Tech.	1967
Gough, John Lewis, B.A.	1945
Gough, Paul Lancelot, B.Sc.	1964
Gould, Ian Morris, B.Sc.	1962
Gould, Joseph Gordon, B.Sc.	1955
Gould, Murray William, B.E.	1959
Gouldhurst, Peter Richard Stuart, M.D., (M.B., B.S., 1955)	1966
Govenlock, James Coburn, Mus.Bac.	1943
Gower, Charlie James, B.A.	1954
Gower, Jeffrey Stephen, M.B., B.S.	1964
Gower, Neville Martin, B.Tech.	1967
Gower, Robert Pierce, M.B., B.S.	1961
Gower, Stephen Newman, B.E.	1964
Grace, Muriel Jean, B.Sc.	1960
Gradussov, Alexis, B.A.	1968
Graebner, David Carl, B.E.	1953
Graetz, Rodney Dean, B.Sc.	1962
Graham, George Finlay, B.E.	1927
Graham, Janet Scott Douglas, Ph.D. (St. Andrews, 1956)	1960
Graham, John Raymond, M.B., B.S.	1962
Graham, Mary Theresa, M.A. (B.A., 1929)	1933
Graham, May Elisabeth, B.A.	1941
Graham, Meredith May, B.A.	1962
Graham, Roger Dean, B.E.	1950
Graham, Rosemary Lorna, B.A.	1964
Grant, Allan Kerr, M.B., B.S.	1947
Grant, Colin Kerr, B.Sc.	1931
Grant, Donald Charles, M.B., B.S.	1961
Grant, Donald Kerr, M.B., B.S.	1942
Grant, John McBain, M.Ec. (B.Ec., 1950)	1953
* Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901)	1911
Grant, Marjorie Ruth, B.A.	1930
Grant, Mary Raymond, M.Sc. (B.Sc., 1945)	1950
Grant, Richard Longford Thorold, M.B., B.S.	1918
Grant, Trevor Kirkpatrick, B.A.	1966
Grantskalns, Erika Eve, B.A.	1965
Grasso, Alfia Patrizia, B.A.	1966
Grasso, Rosario, M.Sc. (B.Sc., 1954)	1961
Grastins, Dagnija, B.A.	1960
Grastins, Ilze, LL.B.	1965
Gratton, Gordon Sydney, LL.B.	1950
Gratton Marshall Gladstone, M.B., B.S.	1941
Gratton, Mephan John, B.E.	1934
* Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915)	1920
Grava, Andrejs, B.D.S.	1956
Grave, Keith Cyril, B.D.S.	1956
Gray, Alexander Frederick, B.Sc. (Eng.)	1942
Gray, Allan Hamilton, B.Sc.	1965
Gray, Allen Bruce, B.Sc.	1961
Gray, Christopher Martinson, B.Sc.	1967
Gray, Diana Joan, B.A.	1963
Gray, Donald Mervyn, B.Ec.	1958
Gray, Eric William, B.A.	1931
Gray, Frederic Victor, M.Sc. (B.Sc., 1935)	1948
Gray, Harvey Hamilton, B.Ec. B.A.	1949
Gray, Ian Howard, B.A.	1952
Gray, Keith Douglas, M.B., B.S.	1926
Gray, Kerry Burton, B.Ec.	1967
Gray, Malcolm, B.Sc.	1966
Gray, Malcolm Forgan, LL.B.	1963
Gray, Maurice Chadwick, B.Sc.	1933
Gray, Neil Boon, Ph.D. (B.E., 1958)	1963
Gray, Rodney Leonard, M.E. (B.E., 1962)	1967
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered)	1913
Gream, George Edward, Ph.D. (Cambridge, 1961)	1962
Grear, Barry Joseph, B.Tech.	1967
Green, Alan Elston, B.Sc.	1949
Green, Cynthia Joan, B.A.	1945
Green, Donald Clare, B.Sc.	1942
Green, Harry Edward, M.E. (B.E., 1957)	1964
Green, Herbert Sydney, D.Sc. (Edinburgh)	1952
Green, Ian Edward Charles, B.A.	1963
Green, Jennifer Lois, B.A.	1962
Green, John William, B.Sc.	1953
Green, Lawrence Goodwin, B.Ec.	1951
Green, Leslie Colin, B.E.	1965
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958)	1960
B.A.	1929
Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951))	1961
Green, Mary Patricia, B.Sc.	1954
Green, Patricia Marie, B.A.	1959
Green, Peter Henry Jerome, LL.B.	1963
Green, Ralph Noel, B.A.	1954
Green, Richard Maslen, B.A.	1937
Green, Ronald Gordon, B.Sc.	1949
Green, William Allan McInnes, B.E.	1928
Greeneklee, Anne, B.A.	1967
Greeneklee, Charles Sydney, B.Sc.	1964
Greenfield, Richard John, B.Sc.	1965
Greenfield, Vivian Hutchison, B.Sc.	1951
Greenhough, Arthur David, B.E.	1942
Greenland, Dennis James, Ph.D. (Oxford, 1955)	1960
Greenland, Patrick Cecil, M.A. (B.A., 1931)	1933
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered)	1913
Greenlees, Alan William, B.Sc.	1964
Greenlees, Rollo, M.B., B.S.	1937
Greenshields, Leonore Mary, B.Sc.	1966
Greenslade, Noel Walter, B.Sc.	1960
Greenslade, Robin Philip James, LL.B.	1965
Greenway, Harold, B.E. (B.Sc., 1906, surrendered)	1913
Greenway, Hendrik, Ph.D.	1966
Greenway, Thomas Charles, B.Sc.	1900
Greenwood, Robert Clifford, M.B., B.S.	1966

* Deceased

Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922	Hanna, Robert Graham, B.Tech.	1960
Hall, Christopher John, M.B., B.S.	1963	Hannaford, Brian Douglas, B.Sc.	1945
Hall, Donald Richard, M.B., B.S.	1959	Hannaford, Ian Geoffrey, B.Arch.	1963
Hall, Elizabeth Adelaide Anne, B.Sc.	1959	Hannaford, Walter Kingsley, B.Tech.	1965
Hall, Franklin George, B.Sc.	1965	Hannam, Alan Gordon, B.D.S.	1962
Hall, Frederick Leonard, B.Ec.	1955	*Hannan, Albert James, M.A. (B.A., 1909)	1914
Hall, Geoffrey Charles, B.D.S.	1958	LL.B.	1912
Hall, Graham Richard, B.Tech.	1965	Hannan, Clare Reginald, LL.B.	1922
Hall, Jocelyn Rosemary, B.A.	1948	Hannan, Ian Ignatius, B.E.	1949
Hall, John McGregor, B.Sc.	1963	LL.B.	1958
Hall, Marjorie Gertrude, Mus.Bac.	1931	Hannan, John Spencer, LL.B.	1958
Hall, Norman Bruce, M.B., B.S.	1917	Hannan, Mignonne Elizabeth, LL.B.	1955
Hall, Robert Darwin, B.E.	1956	Hannan, Myles Bertram, B.A.	1965
Hall, Robin Dennis, B.Sc.	1965	Hanney, Rexford John, B.A.	1966
Hall, Terry Marsden, B.Sc.	1967	Hannon, Dennis Francis, M.B., B.S.	1942
Hall, Valerie Lois, B.Sc.	1962	Hannon (née Lewis), Gweneth Elizabeth,	
Hall, William Oswald James, B.Sc.	1950	B.D.S.	1932
Halleday, John Arthur, B.Sc.	1966	Hannon, Pauline Mary, B.D.S.	1963
Hallett, Evan Charles, M.B., B.S.	1947	Hansberry, Gerald Maxwell, M.B., B.S.	1953
Hallett, Harold Sinclair, B.E.	1932	Hansberry, John Pierce, B.A.	1945
Hallett, Janet Cameron, B.A.	1967	Hansberry, Mary Estelle, B.Sc.	1951
Hallett, Joan, B.Sc.	1960	B.A.	1954
Hallett, Reginald Thomas, B.E.	1938	Hansberry, Sara, B.A.	1962
Halley, Winifred, M.B., B.S.	1960	Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956
Halliday, Kenneth Walker, B.Ec. (Sydney,		Hansen, Ian Victor, B.A.	1950
1965)	1966	Hansen, John Charles, B.A.	1967
Halloran, Noel, M.B., B.S.	1953	Hansen, Ruth, B.Sc.	1956
Halse, Robert William, B.Tech.	1964	Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952
Halsey, Trevor Geoffrey, B.A.	1965	Hanson, Bertram Speakman, M.B., B.S.	1928
Halwax, Karoly, M.B., B.S.	1959	Hanson, Thomas Anthony Speakman, M.B.,	
Hamann, Keith Maurice, B.Sc.	1953	B.S.	1959
Hambidge, Margaret Cecile, B.A.	1935	Hansson, Helgi, M.B., B.S.	1964
Hambley, John William, B.Sc.	1967	Haq, Muhammad Shamsul, Ph.D.	1967
Hambly, Francis Sutherland, B.Ec.	1957	*Harbison, Alan Thomas, M.B., B.S.	1927
Hambly, Peter Sutherland, B.A.	1957	Harbison, John Henry, M.B., B.S.	1949
Hambly, William Frank, M.A. (Melbourne)	1952	Harbison, Peter Alan, M.B., B.S.	1953
Hamden, William Callil, M.B., B.S.	1953	Harbison, William Arthur, B.E.	1938
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harcourt, Geoffrey Colin, M.Ec. (M.Com.,	
Hames, Muriel Jean, B.A.	1941	Melbourne, 1956)	1959
Hamilton, David Wyndham, M.B., B.S.	1959	Harders, Clarence Waldemar, LL.B.	1944
Hamilton, Frank Alexander, B.E.	1941	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Hamilton, Geoffrey Raymond, B.A.	1967	Harding, Harry William John, B.Sc.	1967
Hamilton, Ian Ayliffe, M.B., B.S.	1924	Harding, Philip Ernest, B.Med.Sc.	1962
Hamilton, Ian Michael, M.B., B.S.	1956	M.B., B.S.	1965
Hamilton, Ian Scott, LL.B.	1951	Harding, Phillip Reginald, M.B., B.S.	1966
Hamilton, Jean Anne, B.Sc.	1947	Harding-Anders, Robert Henry, B.Ec.	1967
Hamilton, Margaret Berner, B.Sc.	1952	Hardy, Alfred Burton, LL.B.	1898
Hamilton, Neil Joseph, B.Sc.	1965	Hardy (nee Beckwith), Anne Caroline, M.Sc.,	
Hamilton, Reginald Hewgill, M.B., B.S.	1925	(B.Sc., 1944)	1947
Hamilton, Susan Kinley, B.A.	1962	Hardy, Evan Lovell, B.E.	1935
Hamilton, William Murray, M.B., B.S.	1944	Hardy, John Evans Simpson, M.B., B.S.	1945
Hammer, Lindsae Dawn, B.A.	1966	Hardy, John Howard, B.A.	1955
Hammill, Robert Duncan, M.B., B.S.	1942	Hardy, John Scott, LL.B.	1926
Hammond, Brian George, B.Sc.	1957	Hardy, Mabel Phyllis, B.A.	1914
Hammond, Henry Grant, M.B., B.S.	1944	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
Hammond, John Michael, M.Sc.	1958	Hare, Robert McKay, M.B., B.S.	1962
Hanon, David Peter George, Ph.D.		Hargrave, John Charles, M.B., B.S.	1954
(Southampton, 1962)	1966	Hargrave, Nathaniel Charles, LL.B.	1938
Hamp, Frances Marian, M.B., B.S.	1925	B.A.	1939
Hampel, Lylal Herbert, B.A.	1966	Hargreaves, Graham Morris, B.Sc.	1967
Hamra, Kameel Lawrence, M.B., B.S.	1958	Harkness, Robert, B.A.	1907
Hamze, Francois, M.B., B.S.	1966	Harley, David George, B.E.	1953
Hanckel, John Erhard, B.E.	1964	Harley, James Froomes, M.B., B.S.	1951
Hancock, Deane Glenn, B.Sc.	1964	Harley, Marjory, B.A.	1925
Hancock, George Alfred, M.A. (B.A., 1901)	1909	Harley, Peter Ash, B.E.	1956
Hancock, James Russell, B.Sc.	1941	Harman, Christopher John, B.Sc.	1965
Hancock, John Owen, M.B., B.S.	1952	Harman, Lewis Clive, B.D.S.	1953
Hancock, Jonathan Yeatman, M.B., B.S.	1959	Harman, Ray, B.Ec.	1959
Hancock, Keith Jackson, Ph.D. (London,		Harman, Robert Allan, B.Ec.	1967
1959)	1960	Harms, John Eric, M.Sc. (B.Sc., 1951)	1960
Hancock, Richard Russell, B.E.	1958	Harms, Lois Philippa, M.B., B.S.	1948
Hancock, Trevor John, B.Tech.	1966	Harmstorf, Ian Arnold, B.A.	1961
Hancock, William Andrew, B.Sc.	1924	Harman, William Ronald, LL.B.	1936
Hancock, Sir William Keith, M.A. (Oxford,		*Harper, Anthony, LL.B.	1926
1930)	1931	Harper, Brian John, B.Tech.	1961
Hancock, William Stephen, B.Sc.	1966	Harper, Brian Youl, B.A.	1965
Handley, Donald Alfred, M.B., B.S.	1953	Harper, Judith Mary, M.B., B.S.	1957
Handley, Douglas Victor, M.B., B.S.	1965	Harper, Roger Michael, B.Sc.	1963
Handley, Harold Arthur, M.B., B.S.	1951	Harper, Ronald George, B.A.	1938
Handley, Joan Marie, M.B., B.S.	1955	B.Ec.	1947
Handsworth, John Leonard, M.B., B.S.	1965	Harrex, Sydney Church, M.A. (Tasmania,	
Handy, Helen Ellice, M.B., B.S.	1964	1962)	1966
Hankel, Barbara Joan, B.A.	1954	Harries, John Robathan, B.Sc.	1963
Hankel, Valmai Audrey, B.A.	1967	Harries, Peter Richard, B.Ec.	1966
Hann, Christopher Sinclair, B.Sc.	1962	Harries, Robert Ian, B.Ec.	1964
Hanna, Ian, M.A. (Leeds, 1964)	1965	Harrington, Colin, B.A.	1947
Hanna, Marshall John Dawson, M.B., B.S.	1962	Harrington, Enid Gretta, B.A.	1950
Hanna, Mary Louise, LL.B.	1965	Harrington, Joan Margaret, B.Sc.	1945

* Deceased

Harrington, Reginald Frank, B.D.S.	1943	Harvey, Dean Lawrence, B.Sc.	1947
Harris, Brian John, B.A.	1950	Harvey, Faith Fairbank, Mus.Bac.	1925
Harris, Allan Cuthbert, B.Sc.	1923	B.A.	1936
Harris, Beryl Ruth, B.A.	1935	Harvey, Frederick George, M.A. (Yale, 1934)	1934
Harris, Bryan Marcus, B.Sc.	1965	Harvey, John Whittle, B.Ec.	1963
Harris, Cecil George, B.A.	1951	Harvey, Joseph Leonard, B.Tech.	1960
Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924)	1959	Harvey, Mary Mignon Owen, B.A.	1966
Harris, Clare Sparkes, LL.B.	1925	Harvey, Raymond Hynson, B.E.	1936
Harris, Colin Raymond, B.A.	1967	Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948
Harris, David Hall, M.B., B.S.	1942	Harvey, Terence Victor, B.Sc.	1967
Harris, David John, M.B., B.S.	1952	Harvey, Wilbur Henry, B.E.	1955
Harris, David William, B.A.	1963	Harvie, Sydney Haral, B.Sc.	1927
Harris, Deborah Ann, LL.B.	1966	Harwood, Denis Arthur, B.Sc.	1960
Harris, Digby Ian, M.B., B.S.	1953	Harwood, John William, M.B., B.S.	1953
Harris, Dominic Richard, B.Tech.	1959	Harwood, Keith, B.Sc.	1966
Harris, Donald Dunstan, M.A. (B.A., 1928)	1929	Haselgrove, Harold Frederick, M.B., B.S.	1946
Harris, Donald Ernest, B.Tech.	1960	Haselgrove, Helene Martha, B.A.	1923
Harris, Dorothy Mary, B.A.	1919	Haselgrove, Janet Storrie, B.Sc.	1950
Harris, Dudley Andrew, B.A.	1938	Haselgrove, Richard Frederick, B.Ag.Sc.	1959
Harris, Elizabeth Ann, B.A.	1964	Haselgrove, Wilfred Eric, B.E.	1937
Harris, Ellis George, B.Sc.	1966	Haseloff, Milton Conrad, B.A.	1956
Harris, Frank Randall, B.Ec.	1955	Hasenohr, David, B.Sc.	1951
Harris, Grantley Bruce, LL.B.	1967	Hasenohr, Edward, B.A.	1938
Harris, Howard Robert, B.E.	1965	Hasenohr, Geoffrey, M.B., B.S.	1948
Harris, Ian Antrobus, M.B., B.S.	1949	Hashim bin Mohammed Salleh, B.E.	1965
Harris, James Dunbar, M.B., B.S.	1953	Haskard, Donald Leith, B.E.	1962
Harris, Jack Ronald, M.Sc. (B.Sc., 1943)	1951	Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925)	1936
Harris, John, M.B., B.S.	1924	Haskard, Ian Kenneth, B.Tech.	1966
Harris, John Alfred, B.Sc.	1962	Haskard, John Rex, B.Sc.	1950
Harris, John Charles, B.E.	1967	Haskard, Malcolm Ross wvn, M.E. (B.E., 1959)	1964
Harris, John Ernest, B.E.	1949	Haslam, Christopher Osborne, B.Sc.	1958
Harris, John Vivian, B.A.	1966	Haslam, Denise Allison, B.Sc.	1953
Harris, Kenneth Robert, B.Sc.	1965	Haslam, Jonathon Alanell, B.A.	1964
Harris, Lorna Muriel, B.A.	1934	Haslam, Margaret Martha, M.B., B.S.	1935
Harris, Michael Charles, LL.B.	1963	Haslam, William Eric, B.Ec.	1967
Harris, Michael Eric, B.Arch.	1967	Haslow, Peter Patrick, M.B., B.S.	1964
Harris, Peter Gordon, B.Ec.	1964	Hassell, Frank Colin, B.E.	1933
Harris, Raymond John, B.Sc.	1967	Hassell, Kathleen Lilian, M.A. (B.A., 1923)	1927
Harris, Robert Oxenberry, B.Ec.	1958	Haste, Mary Joan, B.A.	1941
Harris, Roger Lawrence Newton, Ph.D. (B.Sc., 1960)	1964	Haste, Reginald Arthur, B.Sc.	1911
Harris, Ross Dunstan, B.A.	1966	M.B., B.S.	1914
Harris, Shirley Joyce, B.A.	1938	Hastings, Margaret Claire, M.B., B.S.	1958
Harris, Sophie Dora, B.A.	1928	Hastwell, Colin Brooke, B.E.	1963
Harris, Wayne Kingsley, B.Sc.	1963	Hastwell, Peter John, B.App.Sc.	1966
Harris, William Brocas, B.Ag.Sc.	1947	Hatch, John Harvey, B.A. (Exeter, 1963)	1967
Harris, William Patrick, M.B., B.S.	1933	Hatwell, Neville, B.A.	1966
Harrison, Denis Maxwell, LL.B.	1964	Haupt, Peter Frederick, B.Sc.	1967
Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959	Hauser, Michael, B.A.	1964
Harrison, Howard Raymond, B.Sc.	1948	Hauser, Robin, B.Arch.	1963
B.A.	1955	Hawes, Brian Richard Albert, B.E.	1953
Harrison, Jack, B.Ec.	1959	Hawke, Cynthia Joy, B.A.	1957
Harrison, Marie Elizabeth, B.A.	1966	Hawke, Darryl Roger, B.A.	1966
Harrison, Mark, LL.B.	1965	Hawke, David Richard, B.E.	1965
Harrison, Peter Linden, B.E.	1959	Hawke, John Burton, M.B., B.S.	1954
Harrison, Robyn Maxime, B.Sc.	1967	Hawke, John Gardner, B.Sc.	1954
Harrison, Tom Scott, B.Tech.	1964	Hawke, Vivian Lee, M.B., B.S.	1946
Harrison, Walter, B.A.	1929	Hawken, Doris Marguerite, B.A.	1917
Harriss, Henry Thomas, B.A.	1966	Hawker, Elizabeth Julie Seymour, B.A.	1942
Harrold, Colin Morse, M.B., B.S.	1953	Hawker, Geoffrey Nelson, B.A.	1964
Harpop, Clifford John Francis, B.Sc.	1965	Hawker, John Seth, Ph.D. (B.Sc., 1956)	1962
Harry, Antony Romilly, LL.B.	1961	Hawkes, Joan Muriel, B.A.	1955
B.A.	1965	Hawkes, Michael John, M.B., B.S.	1967
Harry, Arthur Hartley, B.A.	1901	Hawkes, Rose Adeline, B.A.	1928
Harry, Geoffrey Courtenay, LL.B.	1925	Hawkins, Frederick James, LL.B., B.A.	1942
Harry, Grant Varley, B.E.	1953	Hawkins, Henry Stuart, B.Ag.Sc.	1956
Harry, Irene Pearl, B.A.	1915	Hawryszkiewicz, Igor Titus, M.E. (B.E., 1961)	1965
Harry, Romilly Carveth, LL.B.	1929	Hawryszkiewicz, Peter, B.Sc.	1965
Harry, Timothy Romilly, LL.B.	1966	B.E.	1967
Hart, Arthur Maxwell, B.A.	1950	Hay, Gordon Stuart Baron, M.B., B.S.	1958
Hart, David Henderson, B.Sc.	1942	Hay, Judith Alison Ruth, M.B., B.S. (Sydney, 1950)	1962
Hart, Gavin, B.Sc.	1960	Hay, Lorna Marion, B.A. (Melbourne, 1947)	1966
Hart, John Austin, B.E.	1961	Hayball, John Frederick, B.Sc.	1958
Hart, Mary Margaret, B.A.	1950	Haydon, Anthony Peter, B.A.	1961
Hartill, Graeme Donald, M.B., B.S.	1955	Haydon, Donald George, B.A.	1961
Hartley, Douglas Glen, B.Tech.	1961	Haydon, Noel Anthony, B.Sc.	1967
Hartley, Kenneth John, B.Tech.	1967	Haydon, Robert James, B.Tech.	1961
Hartmann, Galia Lynnette, B.A.	1964	Hayes, Helen Margaret, B.A.	1963
Hartshorne, Brian Herbert, M.B., B.S.	1952	Hayes, Horace Townsend, M.B., B.S.	1936
Hartshorne, James Bruce, B.Sc.	1963	Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958
Hartwig, Ivan David, B.Tech.	1959	Haynes, James Dalrymple, B.A.	1950
Hartwig, Mervyn Carl, Ph.D. (B.A., 1961)	1967	Haynes, Jennifer May, LL.B.	1967
Hartwig, Robert Edward, Ph.D. (B.Sc., 1962)	1967	Hayter, Robert John, B.Sc.	1963
Hartwig, William Lawrence, B.Ec.	1967		
Harvey, Alison, B.A.	1938		
Harvey, Bernice Enid, Mus.Bac.	1928		
Harvey, Christine Alice, B.A.	1955		

* Deceased

Hayward, Edward Leo, LL.B.	1925
Hayward, John, B.E.	1953
Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936
Hayward, Judith Marie, B.Sc.	1959
Hayward, Lancelot Alfred, M.B., B.S.	1914
Hayward, Norman William, B.A.	1960
Hayward, Thomas Ronald, B.Ec.	1949
B.A.	1953
Hayward, Walter Richard, B.A.	1934
Haywood, Edward Francis, M.B., B.S.	1952
Head, John Graeme, B.Ec.	1954
Head, Malcolm Gordon, B.Tech.	1958
Heading, Christopher, M.B., B.S.	1964
Heading, Keith Edward George, B.Sc.	1930
B.A.	1938
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900
Heairfield, Cynthia Rosalie, LL.B.	1966
Heairfield, Ian Venters, B.Sc.	1960
Healey, Derek Thomas, M.A. (Oxford, 1957)	1967
Healy, Anthony Hodgens, B.D.S.	1952
Healy, Peter, B.Sc.	1948
Healy, Vincent Michael, B.Sc.	1939
Heanes, Dennis Lloyd, B.Sc.	1966
Heard, Kenneth Harold, M.B., B.S.	1936
Heard, Lyall Scott, B.Sc. (Eng.)	1944
Heard, Malcolm Keith, B.Tech.	1960
Heard, Terrence George, B.Ag.Sc.	1959
Hearn, Anthony Clem, B.Sc.	1958
Hearn, Milton Thomas William, B.Sc.	1965
Heaslip (nee Shorney), Barbara Kate, B.A.	1928
Heaslip, William Gordon, M.B., B.S.	1929
Heath, Carol Ann, B.A.	1964
Heath, George Ross, B.Sc.	1960
Heath, Ian Stewart, B.Sc.	1965
Heath, Neil Stewart, Ph.D.	1955
Heath, Ronald Bertram, B.E.	1941
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928)	1928
LL.B.	1932
Heaton, Herbert, M.A. (Leeds, 1912)	1918
Heaton, John Frederick, B.Sc.	1966
Heaysman, Clive, M.B., B.S.	1958
Hebart, Armin William, B.Sc.	1944
Hebart, Ernst, B.A.	1966
Hebart, Hans Friedemann, M.A. (B.A., 1961)	1966
Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932
Hebart, Werner Friedrich, B.A.	1934
Hecker, Joyce, B.A.	1955
Hecker, Olive May, B.A.	1954
Hecker, Robert, M.D. (M.B., B.S., 1947)	1956
Heddle, Frederic French, M.B., B.S.	1935
Heddle, Margaret Ann, B.A.	1966
Heddle, Robert Charles, M.B., B.S.	1942
Heddle, Shirley, B.A.	1947
Hedger, Dorothy Mavis, B.A.	1936
Hedger, Joy West, Ph.D. (B.Sc., 1959)	1965
Hefford, Ronald Keith, M.Ec. (B.Ec., 1956)	1962
Heggie, John Maurice, B.Sc.	1967
Heidenrich, George Bernhard Franz, B.A.	1944
Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949
Heigl, Manfred, B.Tech.	1967
Heinemann, Mary Josephine, B.A.	1948
Heinemann, Mervyn Lambert, B.A.	1940
Heinjus, David Frederick, B.Tech.	1960
Heinonen, Pauline Dawn, B.A.	1966
Heinrich, Alison May, B.A.	1965
Heinrich, Harold Gordon, B.Ec.	1956
Heinrich, Jeff Dean, B.Sc.	1949
Heinrich, Kevin John, B.Sc.	1962
Heintze, Leaneore Joy, B.A.	1966
Heithersay, Geoffrey Sinclair, M.D.S., (B.D.S., 1958)	1966
Heithersay, Ian Campbell, B.E.	1966
Heithersay, Stuart Dean, B.App.Sc.	1966
Heitmann, Dorothea Smith, M.B., B.S.	1949
Heitmann, John Smith, M.B., B.S.	1951
Helme, Patricia Ann, B.Sc.	1964
Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957
Hemingway, Peter Cunliffe, B.Sc.	1949
Hemphill, John Henry, B.Tech.	1967
Henbest, Thomas John, M.B., B.S.	1966
Hender, Noel Rex, B.A.	1966
Henderson, Douglas Warrington, M.B., B.S.	1966
Henderson, Eric Malcolm, B.E.	1932
Henderson, James Young, B.Ec.	1961
Henderson, Leonard Ross, B.Ec.	1949
Henderson, Margaret Anne, B.A.	1966
Henderson, Margaret Evelyn, B.A.	1956
Henderson, Murray Scott, M.Ec. (B.Ec., 1962)	1966
Henderson, Roland, LL.B.	1926
Henderson, Ronald George, M.E. (B.E., 1957)	1962
Hendrickson, Douglas Buxton, M.B., B.S.	1941
Hendriksen, Cornelis, M.B., B.S.	1965
Henman, Ralph Sampson, B.Tech.	1967
Hennessy, Brian Michael, B.Ec.	1965
Hennessy, Denis Xystus Roche, B.Sc.	1964
Henning, Bronwyn Christine, B.A.	1967
Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959
Henning, Graydon Read, B.Ec.	1961
B.A.	1964
Henningsen, Marcus, B.E.	1952
Henschke, Lawrence Ronald, B.E.	1951
Henschke, Norman Frederick, B.Sc.	1952
Hensel, David John, B.E.	1962
Hensel, Gordon Maxwell, B.Sc.	1951
Henshaw, Ian Ferguson, B.Sc.	1966
Herath, Meewakkala Mudiyansele Jinadasa Willehad, B.Sc.	1955
Herbert, Eileen Audrey, B.A.	1964
Herbert, Gilbert, M.Arch. (Witwatersrand, 1956)	1962
Herbert, Peter Jeffrey, B.Sc.	1967
Herbert, Septimus Giffen Mills, B.Sc.	1949
Herbst, Kazimierz, B.Tech.	1962
Hercus, Robert William, B.E.	1959
Herendi, John, B.A.	1966
Heritage, Enid Helena, B.A.	1961
Herman, Eugene, B.A.	1960
Hermes, Clarence Lindsay, LL.B.	1951
Heron, Ian Craig, B.Sc.	1962
Herriman, Michael Lawrence, B.A.	1966
Herriman, Peter Anthony John, LL.B.	1966
Herriot, Robert Irvine, B.Ag.Sc.	1932
Herriot, Ronald Melbourne, B.E. (B.Ec., 1967)	1952
Hersel, August Wilhelm, B.A.	1935
Hersey, Peter, M.B., B.S.	1966
Hervey, Gordon Wayne, B.Sc.	1961
Herzog, Paul, B.A.	1953
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered)	1913
Heseltine, Samuel Richard, LL.B.	1908
Hester, David Albert, B.A. (Cambridge, 1956)	1958
Hester, Gwynn Thomas John, B.A.	1950
Hetherington (née Loveday), Penelope, B.A.	1951
Hetherington, Robert, B.A.	1951
Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944)	1949
Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926
Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948)	1952
Heuer, Powel Max, B.Sc.	1953
Heuzenroeder, John Mathwin, B.A.	1962
Heuzenroeder, Peter Mathwin, LL.B.	1960
Heuzenroeder, Reginald Leo, LL.B.	1923
Hew, Set Phin, B.Sc.	1967
Hew, Tong Moy, B.Sc.	1964
Hewett, Esther Jean, B.A.	1938
Hewett, Peter Neil, B.Sc.	1956
Hewgill, Frank Richmond, Ph.D.	1955
Hewitson, Douglas Keith, M.B., B.S.	1962
Hewitson, Gordon Frank, B.A.	1951
Hewitson, Malcolm Thomas, B.A.	1951
Hewitt, Cecil Austin, LL.B.	1924
Hewitt, Clement Barnett, LL.B.	1961
Hewitt, John Vigors, B.Ec.	1966
Hewton, Anthony Walter, B.Sc.	1957
Heyne, Carl William, B.D.S.	1949
Heyne, Janet Marie, B.A.	1966
Heyne, Ida Marie, B.A.	1918
Heyne, Laura Olga Hedwig, M.A.	1917
Heysen, Peter David Hans, M.B., B.S.	1967
Heyward, Marie Louise, B.A.	1941
Hiatt, Jack Thomas, LL.B.	1947
B.Ec.	1948
Hibbert, Kevin Malcolm, B.E.	1953
Hickey, Kathleen Veronica, B.A.	1945
Hickinbotham, Alan David, B.Sc.	1949
Hickman, Raymond John St. Clair, B.Sc.	1966
Hicks, Barry Leon, M.B., B.S.	1962

* Deceased

Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1928	Hiscock, Kenneth George, B.D.S.	1952
M.D. (M.B., Ch.B., N.Z., 1923)	1936	Hiscock, Stephen West, B.Sc.	1949
Hicks, Dene Alan, M.B., B.S.	1948	Hisgrove, Gladys, B.A.	1936
Hicks, Edward Paul, M.B., B.S.	1951	Hiskey, Garry Francis, LL.B.	1966
Hicks, Francis Gibson, LL.B.	1915	Hiskey, Juliana Mary, B.A.	1966
Hicks, Harry Ernest, B.Tech.	1962	Hiskey, Thomas Alan, B.A.	1949
Hicks, John Buchanan, B.Sc.	1960	Hislop, Ian Gordon, M.B., B.S.	1958
Hicks, Michael D'Arcy Stanton, M.B., B.S.	1962	Hitchcox, Alison Rosemary, B.A.	1955
Hicks, Neil Dennis, M.D. (M.B., B.S., 1948)	1960	*Hitchcox, Alfred Clarke, M.A. (B.A., 1924)	1932
Hicks, Neville Derrington, B.A.	1967	Hitchcox, Joyce Mary, B.A.	1949
Hicks, Peter George, B.Ag.Sc.	1961	Hiu Hock Leng, B.E.	1958
Hicks, Ronald Pettinger, B.Ec.	1960	H'ng, Hung Cheng, B.E.	1966
Hicks, Warren Roseveare, B.Sc.	1944	Ho, Quet Kong, James, M.B., B.S.	1964
Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956	Ho, Shui, B.E.	1953
Hiern, Maurice Noel, B.Sc.	1952	Ho, Siew Yin, B.Ec.	1963
Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949)	1954	Hoar, Barbara Charlotte, B.Sc.	1948
Higbed, David John, B.Ec.	1964	Hoare, Charles Gilles Lucas, M.B., B.S.	1955
Higginbottom, Edwin Corlett, B.A.	1920	Hoare, Lehonde Lucas, M.B., B.S.	1949
Higginbottom, Edwin John, B.Ec.	1950	Hoare, Richard John, B.Ec.	1962
Higgins, Alan Leslie, B.E.	1953	Hobbs, Alan Frank, M.B., B.S.	1922
Higgins, Alfred James, B.A.	1930	Hobbs, Brian Kenneth, M.B., B.S.	1956
Higgins, Bruce Ashley, M.B., B.S.	1956	Hobbs, Graham Alan, M.B., B.S.	1955
Higgins, Janine Margaret, B.Ec.	1963	Hobbs, Ian Harold, M.B., B.S.	1948
Higgins, John William, B.A.	1957	Hobbs, Michael Sydney Talbot, M.B., B.S.	1956
Higgins, Raymond Hugh Edward, B.Ec.	1956	Hobbs, William Harris, M.B., B.S.	1958
Higgs, Edward Davies, B.Ag.Sc.	1950	Hobden, Joan Frances, B.Sc.	1952
Higgs, Margaret Mary, B.A.	1967	Hocking, Brian Dominic Windsor, B.A.	1960
Highfield, John Amos Fuller, B.Ec.	1965	Hocking, Colin Stanley, B.Sc.	1949
Hignett, Peter William, B.Arch.	1964	Hocking, Frank Maxwell, B.Sc.	1929
Hilbig, Maxwell John, B.E.	1955	Hocking, Ian Winston, M.B., B.S.	1960
Hilbig, Paul Berthold, B.A.	1930	Hocking, John Rawle, LL.B.	1967
Hilbrink, Janna, B.A.	1960	Hocking, Kevin, B.E.	1953
Hilditch, Ronald Jefferson, B.Tech.	1965	Hocking, Peter William, B.A.	1966
Hill, Albert Charles, B.A.	1914	Hockney, Barry Herbert, B.Sc.	1955
Hill, Alma Isobel, B.A.	1948	Hodan, Miroslav, M.Ec. (B.Ec., 1953)	1956
Hill, Arthur William, D.Sc. (Cambridge, 1918)	1927	Hodby, Frederic Stephen, LL.B.	1925
Hill, Donald Gordon, B.E.	1959	Hodby, Kenneth Wellesley, M.B., B.S.	1936
Hill, Douglas Henry, M.B., B.S.	1949	Hodby, Lindley David, M.B., B.S.	1929
Hill, Dudley Clarke, M.B., B.S.	1966	Hodge, Brian Jack, B.A.	1964
Hill, Florence McCoy, B.Sc. (California, 1897)	1927	Hodge, Philip Richard, M.B., B.S.	1952
Hill, Geoffrey Noel, B.Sc.	1961	Hodge, Robert Ley, M.D. (M.B., B.S., 1956)	1965
Hill, Hilda Mary, B.A.	1908	Hodge, Warren, B.Tech.	1963
Hill, Ivan William, B.Sc.	1956	Hodge, Warren David Payne, B.A.	1962
Hill, John, B.Sc.	1922	Hodgeman, Daryl Kimberly Cameron, B.Sc.	1967
Hill, John Albert, B.Sc.	1943	Hodgkin, Stephen Barclay, B.Sc.	1965
Hill, John Distin, B.Sc.	1940	Hodgkinson, Peter Willis, B.Ec.	1952
Hill, John Manners, M.B., B.S.	1958	Hodgson, Ian Harold, B.D.S.	1950
Hill, John Seymour Thew Tregarthen, M.B., B.S.	1941	Hodgson, Edward Terrence, M.B., B.S.	1967
Hill, John Thomas, B.Ec.	1966	Hodgson, Richard Berkeley, M.B., B.S.	1959
Hill, Julie, B.A.	1966	Hodson, Allin Charles, B.Sc.	1963
Hill, Kenneth Arthur, B.Sc. (Eng.)	1950	Hoepner, Robert John, B.E.	1959
Hill, Malcolm, B.E.	1951	Hoff, Lothar Clemens, M.B., B.S.	1953
Hill, Malcolm Kingsley, B.Tech.	1963	Hoffman, Desmond Charles, M.B., B.S.	1962
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952)	1957	Hoffman, Jack, M.B., B.S.	1951
Hill, Peter, B.Tech.	1962	Hoffman, Mervyn John, M.D. (M.B., B.S., 1960)	1967
Hill, Robert Maxwell, B.Sc.	1963	Hogan, Margaret Mary, B.A.	1950
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910)	1920	Hogan, Philip Cornelius, M.B., B.S.	1928
Hill, William Ronald, M.B., B.S.	1967	Hogarth, David Stirling, LL.B.	1931
Hill, Wilvene Lesley Evelyne, M.B., B.S.	1965	Hogarth, Rosamond Elizabeth Goldney, B.Sc.	1963
Hillier, Glynn Menpes, B.Tech.	1967	Hogarth, Thomas Arthur, B.A.	1965
Hillier, Grant Highmoore, B.Ec.	1967	Hogben, Roy, B.Sc.	1950
Hillier, Howard Armstrong, B.E.	1950	Hoh, Kam Yong, B.Sc.	1961
Hills, Brian Andrew, B.Sc. (M.A., Cambridge, 1959)	1965	Hoh, Kiang Hoy, B.E.	1962
Ph.D.	1967	Hohnen, Michael Edward, M.B., B.S.	1967
Hills, Neville Francis, M.B., B.S.	1957	Hohnen, Stuart Alexander, B.E.	1967
Hillwood, Eric Ronald, B.Sc.	1963	Hoile, Douglas Edward, M.B., B.S.	1951
Hilton, Arthur Robert, B.A.	1909	Hoile, Edward Murray, M.B., B.S.	1953
Hilton, Frank Morphett, B.Ag.Sc.	1948	Hokin, John Andrew Baird, M.B., B.S.	1960
Hilton, Keith Denyer, LL.B.	1949	Holdaway, Frederick George, M.Sc. (Queensland, 1925)	1926
Hinc, Feliks-Alfons, B.E.	1957	Holdcroft, Brendan John, B.Ec.	1966
Hinckfuss, Ian Charles, B.A.	1964	Holden, Ethel, B.A.	1931
Hinde, James Tempest, B.Sc.	1941	Holden, Geoffrey Raymond, B.Sc.	1951
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949)	1952	Holden, Ralph William, B.Tech.	1958
Hine, Florence Pauline, B.A.	1947	Holden, Robert William, B.E.	1950
Hines, Judith Helen, B.A.	1964	Holder, Alison Joyce, Mus.Bac.	1941
Hipper, John Douglas, B.Arch. (Melbourne, 1950)	1962	Holder, Ethel Roby, M.A.	1901
Hirsch, Ernest Hermann, M.Sc.	1965	Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered)	1913
Hirst, John Bradley, B.A.	1963	Holder, Sophia Ellen, B.A.	1906
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941)	1950	Holdich, John Rodger, B.A.	1960
Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950)	1952	Holding, Barry John, B.Ec.	1959
		B.A.	1966
		Holding, Leigh James, B.Sc.	1965
		Holding, Sheilah Dolby, B.A.	1943
		Holdsworth, Eric Spencer, Ph.D. (Leeds, 1950)	1959

* Deceased

Holdsworth, Leslie McLeod, B.A.	1934	Horgan, Lillian Veronica, M.A. (B.A., 1963)	1967
Holdsworth, William James, LL.B.	1961	Horman, William Dinwoodie Ackland, M.B., B.S.	1941
Hole, Godfrey William Reynolds, B.E.	1960	Hornabrook, Reginald Denys, M.B., B.S.	1925
Hollamby, Gilbert John, B.Ag.Sc.	1961	Horne, Colin James, M.A. (Oxford, 1941)	1958
Holland, Anthony John Corin, M.B., B.S.	1963	Horne, David James de Lancy, B.A.	1964
Holland, Charlotte Annie, B.A.	1916	Horne, Richard Truran, B.Arch.	1967
Holland, Gregory Dominic, M.B., B.S.	1960	Horner, Frances Jane, B.A.	1960
Holland, James Williams, B.D.S.	1932	Horsell, Marilyn Dorothy, B.Sc.	1964
Holland, Joan, B.A.	1944	Horsfield, Helen Fay, M.B., B.S.	1959
Holland, Laurence Corin, M.B., B.S.	1935	Horsnell, Alan Bertram, B.A.	1967
Holland, Judith Helen, B.Sc.	1956	Horton, Maxwell Ferris, LL.B.	1965
Hollis, Maurice Frederick, B.Sc.	1959	Horton, Robert Ralph, M.B., B.S.	1953
Holliday, Norman Grant, B.E.	1952	Horvat, Leon, B.A.	1955
Hollidge, Alfreda Faith, B.A.	1922	Horvat, Victor, M.B., B.S.	1955
Hollidge, David Henry, M.A.	1889	Horvath, Laszlo, B.E.	1960
Hollidge, Geoffrey David, LL.B.	1926	Horwood, David William, B.Ag.Sc.	1963
Hollinsworth, Jeanette, B.A.	1966	Horwood, Jennifer Mary, B.Sc.	1964
Hollis, Stephanie Joan, B.A.	1967	Hosking, Alexa Anne, B.Sc.	1959
Hollis, William Frederick, B.D.S.	1955	Hosking, Anthony John, B.Sc.	1962
Holloway, Beth, B.Sc.	1958	Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Holloway, Irene Isabel, B.A.	1964	Hosking, Douglas William, B.A.	1960
Holman, Lawson James, M.B., B.S.	1954	Hosking, Herbert Champion, M.B., B.S.	1923
Holmes, Angus Spooner, B.A.	1955	Hosking, Lochee Maud, B.A.	1931
Holmes, Bruce Arthur, B.A.	1965	Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Holmes, Edwin Thomas, B.A.	1963	Hosking, Peter Kay, B.E.	1948
Holmes, Henry Bertram, M.B., B.S.	1940	Hosking, Roger John, B.Sc.	1961
Holmes, John Winspere, M.Sc.	1955	Hosking, William Rex, B.A.	1958
Holmes, Patricia Langley, B.A.	1958	Hossfeld, Paul Samuel, Ph.D. (B.Sc., 1924; M.Sc., 1926)	1953
Holmes, Penelope Mary, LL.B.	1967	Hotten, Douglas Ernst, B.Sc.	1956
Holmes, Reginald Murray, M.B., B.S.	1949	Hounslow, Kenneth, B.A. (Melbourne, 1950)	1966
Holoyda, Alexander, M.B., B.S.	1965	Hourigan, Lloyd David, B.Ec.	1950
Holst, Richard John, B.Sc.	1965	Houssiadas, Lambros, Ph.D. (Leeds, 1958)	1961
Holt, Betsy Stamford, B.A.	1962	Houston, Terry Francis, B.Sc.	1965
Holtham, Richard, B.A. (Queensland, 1916)	1920	Howard, Arthur Ewing, B.A.	1912
Holthouse, John Lawrence, B.A.	1966	Howard, Bruce Victor, B.E.	1962
Holton, Jack Arthur, B.E.	1952	Howard, Colin, Ph.D. (LL.M., London, 1956)	1963
Holywell, Keith Harold, M.Sc.	1959	Howard, Donald William Digby, B.Ec.	1949
Homburg, John, LL.B.	1908	Howard, Ephrem, B.A.	1937
Hone, Alfred Andrew, B.Sc.	1924	Howard, Geoffrey William, B.Sc.	1965
Hone, Brian William, B.A.	1928	Howard, Jacqueline, B.A.	1966
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	1938	Howard, Juliet Hardman, M.B., B.S.	1951
Hone, Frank Alexander, B.E.	1959	Howard, Leo, M.A. (B.A., 1937)	1943
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	1923	Howard, Leslie Frank, B.A.	1966
Hone, Garton Maxwell, M.B., B.S.	1924	Howard, Neville John, M.B., B.S.	1963
Hone, Michael Raymond, B.Sc.	1950	Howard, Patience Constance Joan, B.Ec.	1959
Hone, M.B., B.S.	1954	Howard, Peter Felix, B.Sc.	1950
Hone, Winifred Ruth Selwyn, B.A.	1934	Howard, Rex Trowbridge, B.Sc.	1950
Honey, Anne Elizabeth, B.A.	1961	Howard, Ronald Walter, B.E.	1951
Honnor, Wilfred Weston, B.Sc.	1931	Howard, Yvonne Mary, B.A.	1945
M.E. (B.E., 1935)	1945	Howarth, William Heron, M.B., B.S. (M.B., B.Ch. Witwatersrand, 1951)	1963
Hood, Donald James, B.Sc.	1963	Howe, George William Osborn, D.Sc. (Durham, 1914)	1914
Hood, Margaret Daphne, B.A.	1959	Howe-Piening, Robert, B.E.	1961
Hood, Morris Samuel James, B.A.	1961	Howell, Frederick Glenroy Graham, B.Sc.	1949
Hood, Vivian George, B.D.S.	1950	Howell, Murray Wentworth, B.E.	1935
Hooker, Robert John, B.E.	1951	Howes, David William, M.Sc. (B.Sc., 1949)	1955
Hooper, Andrew Wesley, B.Sc.	1963	Howie, Mary Hotham, B.A.	1943
Hooper, Frederick Harvey, B.Ag.Sc.	1936	Howland, Donald John, B.A.	1948
Hooper, Jane Barker, B.A.	1941	Howlett, Diana Rosemary, B.A.	1956
Hooper, Jeffery Robert, B.D.S.	1967	Howlett (nee Hughes), Nellie Ruth, B.A.	1941
Hooper, John Robert, B.A.	1959	Howlett, Philip George, B.Sc.	1964
Hooper, Juan Frederick, B.Sc.	1963	Howlett, Philip Thomas Michael, M.A. (B.A., 1940)	1947
Hooper, Judith Claire, B.Sc.	1961	B.Ec.	1953
Hooper, Peter Laurence, B.Sc.	1934	Howlett, Terence Ralph, B.Sc.	1966
Hooper, Rex Truran, M.E. (B.E., 1938)	1949	Howse, Robert Vincent, B.Tech.	1963
Hooper, Robert Ivan, B.Ec.	1965	Hronsky, Eugenia, M.B., B.S.	1955
Hoopman, Friedrich Wilhelm, M.B., B.S.	1922	Hsieh, Kwang Hwa, B.E.	1961
Hoopmann, Eric Paul, M.B., B.S.	1949	Huang, Su-Eng, Ph.D. (B.Sc., 1958)	1962
Hoopmann, John Richard, B.Sc.	1965	Huang, Yuan-Tung, Anthony, M.B., B.S.	1959
Hoopmann, Peter William, M.B., B.S.	1959	Hubbard, Jack Raymond, B.Ec.	1966
Hopcroft, Stanley Cecil, B.Med.Sc.	1961	Hubbard, Margaret Eileen, M.A. (B.A., 1945)	1949
M.B., B.S.	1962	Hubbe, Edith Ulrica, B.A.	1908
Hope, Alexander Beaumont, Ph.D. (Tasmania, 1953)	1966	M.B., B.S.	1922
Hope, Clive Standish, B.Sc.	1967	Hubble, George Dixon, B.Ag.Sc.	1934
Hope, Rory Moulden, B.Sc.	1963	Huckson, Ernest John, B.E.	1952
Hopgood, Melvyn Frederick, M.Sc. (B.Sc., 1962)	1966	Huddleston, Leslie Basil, B.Sc. (Eng.)	1942
Hopkins, Brian McDonald, B.Sc.	1950	Huddleston, Stanley Ernest, B.Sc.	1934
Hopkins, John McEwan, B.Tech.	1958	B.E.	1935
Hopkins, Robert William, B.Sc.	1967	Hudson, Dean Franklin, B.A.	1958
Hopper, Brian William, B.Sc.	1947		
Hopton, Oliver Barrie, B.Tech.	1962		
Hopton, Peter Phillip Adrian, B.A.	1947		
Horan (nee Cleland), Margaret Burton, M.B., B.S.	1932		

* Deceased

Hudson, Geoffrey Marshall, B.Ec.	1957	Hutchinson, William Donald, B.Sc.	1967
Hudson, Hugh Richard, B.Ec. (Sydney, 1953)	1960	Hutson, Nicholas James, B.Sc.	1964
Hudson, John Winston, M.B., B.S.	1965	Hutton, Alan Victor, B.A.	1961
Huefner, Armin Erwin, B.Tech.	1967	Hutton, Deane Winston, B.Sc.	1963
Hughes, David John, B.Ec.	1966	Hutton, Edward Mark, D.Sc. (B.Ag.Sc., 1933; M.Sc., 1940)	1951
Hughes, Felicity Ann, B.A. (Manchester, 1960)	1966	Hutton, John Thomas, B.Sc.	1938
Hughes, Francis Henry, B.Tech.	1960	Hutton, Malcolm Austin, B.A.	1963
Hughes, Harold Timothy, B.Ag.Sc.	1941	Hutton, Ralph Anthony, B.E.	1967
Hughes, James Estcourt, M.S. (M.B., B.S., 1926)	1937	Hutton, Tom Allan, LL.B.	1940
Hughes, John Burnell, M.B., B.S.	1952	Huxley, Sir Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	1950
Hughes, Leslie Donald, B.E.	1949	Hyde, Alan Graham, B.Ec.	1951
Hughes, Michael Robert, B.Sc.	1967	Hyde, Geoffrey O'Halloran, M.B., B.S.	1961
Hughes, Patricia Gliddon, B.Sc.	1952	Hyde, Hartley John, B.Sc.	1966
Hughes, Robert Douglas, B.D.S.	1938	Hyde, James O'Halloran, M.B., B.S.	1954
Hughes, Robert George, B.Sc. (Eng.)	1942	Hyde, Miriam Beatrice, Mus.Bac.	1931
Hughes, Rosalind Selwyn, B.A.	1964	Hyder, Saiyed Zulfiqar, Ph.D.	1967
Hughes, Samuel Edward, M.A. (Manchester, 1962)	1963	Hynes, Michael John, B.Ag.Sc.	1966
Hui, Weng Choon, M.B., B.S.	1957	Hynes, Patrick D'Arcy, B.A.	1963
Hull, Ivan Kennett, B.Ec.	1962	Hyslop, Alexander, B.A.	1960
Hull, Ronald Robert, B.Sc.	1966	Hyslop, Anthea Margaret Ineen, B.A.	1967
Hum, Hoe Pheng, B.Sc.	1966	Hyson, Peter, B.Sc.	1960
Human, James Peter Egerton, M.Sc. (B.Sc., 1946)	1948		
Humble, Dudley Samuel, M.B., B.S.	1959	I	
Humble, Peter Alan, M.B., B.S.	1962	Ibbotson, Richard Neville, M.D. (M.B., B.S., 1961 (London, 1951))	1962
Hume, Beryl May, B.A.	1959	Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Hume, Neal Jeremy, LL.B.	1964	Ide, Frank Boyle, B.E.	1928
Humphrey, Edwin Vincent, B.Tech.	1960	Ielasi, Anthony, B.D.S.	1966
Humphries, Ralph, B.A.	1961	Iley, James Dixon, B.App.Sc.	1966
Humphris, Elisabeth Amy, B.A.	1952	Ilic, Sofija Marija, B.A.	1966
Humphris, Francis Henry, B.E.	1924	Ilfie, Michael Isaac Clover, B.Sc.	1934
Humphris, Francis Ross, B.Ag.Sc.	1944	Ijjas, Kira, M.B., B.S.	1967
Humphris, Michael Sturt, B.Tech.	1967	Iling, Robert Henry, Ph.D. (Nottingham, 1962)	1966
Humphry, Alfred Henry, M.B., B.S.	1937	Im, Lai Hung, M.B., B.S.	1964
Humphrys, Walter Raymond, B.A.	1967	Ingamells, Dora, B.A.	1909
Hundertmark, Bruce, B.E.	1959	Ingamells, Eric Marfleet, B.A.	1908
Hung, Yan Po, Ermimia, B.D.S.	1962	Ingleby, Aileen Constance, LL.B.	1921
Hunkin, Leonard Dale, LL.B.	1935	Ingleton, Christine, B.A.	1963
Hunkin, Milton Philip, B.A.	1954	Ingleton, Peter Raymond, B.E.	1964
Hunt, Arnold Dudley, B.A.	1942	Inglis, Cecil Frederick, B.E.	1958
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957	Inglis, Geoffrey Russell, B.E.	1961
Hunt, Barrie George, M.Sc.	1966	Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	1957
Hunt, Max Aubrey, B.E.	1931	Inglis, Norman John, B.Sc.	1961
Hunt, Robert Graham, B.Tech.	1965	Ingram, Arthur Donald, B.Sc.	1957
Hunt, Shirley Denise, B.Sc.	1967	Inkster, Graeme Thomas, B.Sc.	1967
Hunter, Betty Vera, B.Sc.	1947	Inman, Ross Banks, Ph.D. (B.Sc., 1956)	1960
Hunter, Brian Oswald, LL.B.	1932	in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940
Hunter, Doris, B.A.	1924	Ireland, Graham Malcolm, M.B., B.S.	1953
Hunter, Geoffrey Alan, M.B., B.S.	1942	Ireland, Norman Arthur, M.A. (B.A., 1913)	1932
Hunter, Ronald, M.B., B.S.	1944	Irvine, Beatrice May, M.B., B.S.	1941
Hunter, Thomas Bowden, M.B., B.S.	1944	Irving, Denys Benson, B.Sc.	1950
Hunwick, Andrew William Robert, B.A.	1966	Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949)	1954
Hunwick, Arthur Philip, B.E.	1929	Irving, Henry Edward, LL.B.	1933
Hunwick, Donald John, B.Sc.	1966	Irving, Iris Mary, B.A.	1950
Hunwick, Leonard William, LL.B.	1936	Irving, Roger John, M.Sc. (B.Sc., 1945)	1948
Huppertz, John Lawrence, Ph.D. (B.Sc., 1960)	1964	Irwin, Bernard John, B.Ec.	1957
Hurley, Leonard Joseph Bernard, B.A.	1914	Irwin, Edith French, B.Sc.	1939
Hurley, Pamela Joy, B.Sc.	1965	Irwin, Graham Wilkie, B.A.	1947
Hurn, Pamela Junette, B.A.	1961	Irwin, Helene Margaret, B.A.	1966
Hurren, Pauline Mary, B.E.	1959	Irwin, John Francis, B.D.S.	1951
Hurst, Charles Angus, Ph.D. (Cambridge, 1952)	1959	Irwin, John Gordon, B.Tech.	1966
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941	Irwin, Robert Newenham, LL.B.	1929
Hurst, Harvey Herbert, M.B., B.S.	1929	Irwin, William Morris, M.B., B.S.	1938
Hurst, Peter Edwin, M.B., B.S.	1953	Isaac, Alfred Frank, B.Sc.	1959
Hurst, Walter William, B.Sc.	1916	Isaachsen, Margaret Lynette, B.Sc.	1961
Hussey, Brian Leitch, B.D.S.	1951	Isaachsen, Oscar Alan, B.E.	1965
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945	Isaachsen, Oscar Cedric, LL.B.	1932
Hutchens, Colin Raymond, B.Sc.	1965	Isaachsen, Robert John, B.E.	1966
Hutchens, Desmond Fenton, B.Ec.	1961	Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
Hutcheson, Carole Jean, M.Sc.	1963	Iskander, Sastrawidjaja, B.Tech.	1964
Hutcheson, George Ian Dewart, B.E.	1917	Iskanto, Raden, B.E.	1962
Hutchesson, Gordon Bramwell, LL.B.	1930	Isles, Keith Sydney, C.M.G., M.A. (Cambridge, 1933)	1941
Hutchesson, Kevin Donald, B.Tech.	1965	Ismar, Sjamsir, B.E.	1963
Hutchesson, Murray Adrian, B.Tech.	1967	Isom, Constance Ruth, B.A.	1934
Hutchins, John Noel, M.B., B.S.	1960	Israel, Anthony Ralph, M.B., B.S.	1967
Hutchins, Robert John, B.A.	1967	Ives, Penelope Margaret, B.Sc.	1967
Hutchinson, Clive Reginald, B.A.	1948	Iverson, Geoffrey John, B.Sc.	1964
Hutchinson, Colin Frederick, B.Sc.	1950	Iwanicki, Walter Rudolph, B.Tech.	1962
Hutchinson, Grahame Denver, B.Tech.	1966		
Hutchinson, John Warwick Lykke, B.E.	1965		
Hutchinson, William Allan, M.B., B.S.	1963		

* Deceased

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, 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)	1966
Jackson, Linley Anne, B.A.	1966
Jackson, Mervyn Benjamin, B.Sc.	1965
Jackson, Norton, B.E.	1941
Jackson, Peter Alexander, B.A.	1967
Jacob, Charles Ernest Frederick, B.E.	1934
Jacobs, Alan Brian, B.E.C.	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.	1958
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.E.C.	1966
James, Helen Margaret, B.A.	1941
James, Henry John, B.E.C.	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, Trevor Ronald, B.E.C.	1966
James, Walter Bruce, B.Tech.	1963
James, Wesley Hughes, B.Sc.	1919
M.E. (B.E., 1921)	1932
James, William Rex, M.B., B.S.	1928
Jamieson, Glen McRae, B.Tech.	1964
Jamieson, Glyn Garfield, M.B., B.S.	1966
Jamieson, Norman Clarke, Ph.D.	1967
Janardhan, Narienkadu Mohanarunga, B.E.	1954
Janes, Boris Sebire, M.Sc.	1948
Jankauskas, Algis, M.B., B.S.	1959
Jankevics, Arvids, B.Sc.	1963
Jankovskis, Harry Bronislavs, B.Tech.	1962
Jans, Nicholas Andrew, B.Tech.	1967
Jansen, Adrian Michael, B.Sc.	1966
Jansen, Geoffrey Clive, B.E.	1962
Jansen, George Robert, B.E.	1965
Jansen, Malcolm Lindsay, B.E.	1964
Jansen, Marcus Gordon, M.B., B.S.	1943
Jansen, Peter Edgar, B.Arch.	1962
Janzow, Eric Herbert Martin, B.A.	1940
Jaques, Winnifred Ruth Christine, B.A.	1964
Jarman, David John, B.A.	1965
Jarrett, Frank George, Ph.D. (Iowa, 1952)	1955
Jarrett, Ivan Gentry, D.Sc. (B.Sc., 1939, M.Sc., 1947)	1965
Jarvis, Deane Graham, LL.B.	1963
Jarvis, Ronald Harris, M.B., B.S.	1948
Jaskewycz, Taras, B.Sc.	1956
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922
Jaunkalvis, Peteris Hermanis, B.E.C.	1961
Jaunzems, Andris, M.B., B.S.	1965
Jaworski, Stefan, B.Sc.	1965
Jay, Hubert Melville, M.B., B.S.	1908
Jay, Linley Elva, B.A.	1966
Jay, Peter Gerald, M.B., B.S.	1941
Jeanes, Brian Hamilton, M.B., B.S.	1953
Jeanes, John Colin, B.E.	1954
Jedrzyczak, Waclaw Jan, B.Tech.	1962
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1956
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1960
Jeffares, Alexander Norman, M.A. (Oxford)	1952
Jefferies, Brian Crossley, B.Ag.Sc.	1953
Jefferis, Arthur Tarlton, B.Sc.	1908
Jeffery, Robert John, M.B., B.S.	1967
Jeffery, William George, B.Sc.	1962
Jeffreson, Carl Patrick, B.E. (Sydney, 1957)	1965
Jeffreson, Ian Scott, LL.B.	1962
Jeffrey, Peter Dalrymple, Ph.D. (B.Sc., 1960)	1965
Jeffries, Elizabeth Shirley, B.A.	1957
Jeffries, John Singleton, M.B., B.S.	1942
Jeffries, Lewis Widmer, M.B., B.S.	1907
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953
Jeffries, Sir Shirley Williams, LL.B.	1909
Jellett, Leon Barry, M.B., B.S.	1960
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951
Jelly, Michael Thomas James, M.B., B.S.	1963
Jemison, Robert William, B.Sc.	1964
Jenke, Dudley Conrad, B.Sc.	1950
Jenkin, Alfred John Roseland, B.A.	1932
Jenkin, Beth Lenore, B.A.	1940
Jenkin, John Grenfell, B.Sc.	1960
Jenkin, Mabel Gertrude, B.A.	1928
Jenkin, Philip Ross, B.E.C.	1960
Jenkin, Robert Haydon, B.A.	1962
Jenkins, Graham Keith, B.Sc.	1966
Jenkins, Heather Gordon, B.Sc.	1950
Jenkins, Rex Desmond, B.A.	1941
Jenkins, Richard John Frank, B.Sc.	1966
Jenkins, Ronald Keith, B.A.	1967
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922
Jenner, Anthony Martin, B.E.	1952
Jenner, Monica Marie, B.A.	1959
Jennings, Allen Charles, M.Sc.	1963
Jennings, Bruce Arthur, B.E.	1950
Jennings, Colin Bruce, B.Sc.	1962
Jennings, Robert Edward, B.Sc.	1952
Jennison, Raymond Barraclough, B.E.	1950
Jens, John Matthias Joseph, M.B., B.S.	1934
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Jensen, Peter Rolf, B.Arch.	1963
Jensen, Richard Ian Broughton, B.A.	1951
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1957
Jensen, Tom Broughton, B.E.	1938
Jephcott, Bruce Reginald, B.Sc.	1950
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941)	1959
Jericho, Arnold Mervyn, B.E.	1938
Jericho, Lois Joy, B.A.	1961
Jessup, Allan Aubrey, M.B., B.S.	1952
Jessup, George Aubrey, LL.B.	1963
Jessup, Leonard Clive, M.B., B.S.	1952
Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1948
Jew, Ronald William, LL.B.	1937
Jewell-Thomas, Stephen Rutter Culross, B.E.	1954
Johinke, Albert Keith, B.E.	1952
John, Glen Owen, B.E.	1951
John, Ian David, B.A.	1961
John, Lloyd Vincent, B.A.	1954
Johncock, Leonard Percy, B.A.	1926
Johns, Bennett Gilbert Langman, B.Sc.	1937
Johns, Darby Richard, B.E.C.	1958
Johns, Malcolm Grant, B.Sc.	1960
Johns, Robert Edwin, B.E.	1960
Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960
Johns, Rodger Norman, B.E.	1960

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Johns, Rowland Walden, B.E.	1951
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955
Johnson, Anthony John Bruce, B.A.	1965
Johnson, Bruce, Ph.D. (London, 1955)	1958
Johnson, Bruce Beresford, B.Sc.	1966
Johnson, Christine Rachel, B.A.	1967
Johnson, Christopher Malcolm, B.E.	1952
Johnson, Darlene Fraser, B.A.	1957
Johnson, Dorothy Mavis, B.A.	1931
Johnson, Edwin Ralph, B.A.	1931
Johnson, Eleanor Elizabeth, B.Sc.	1957
Johnson, Francis Henry, M.A. (Oxford, 1946)	1952
Johnson, Francis James, B.E.	1952
Johnson, Helen Hayward, B.A.	1965
Johnson, Jeffery William Harwood, LL.B.	1951
Johnson, Keith Douglas, B.Sc.	1950
Johnson, Margaret Isabel, B.A.	1952
Johnson, Michael, B.Ec.	1963
Johnson, Nanette Robyn, B.A.	1967
Johnson, Neil Camac, B.Tech.	1963
Johnson, Neville Allan, B.E.	1967
Johnson, Nicholas, B.Med.Sc.	1962
M.B., B.S.	1965
Johnson, Peter Ralph, B.Sc.	1941
Johnson, Robert Douglas, B.E.	1955
Johnson, Robert Vincent, Ph.D. (Manchester, 1952)	1959
Johnson, Ronald Lisle, LL.B.	1937
Johnson, Ross Gordon, M.B., B.S.	1958
Johnson, William Courtenay Saunders, B.A.	1934
Johnson, William Herbert, B.A.	1911
Johnson, William George, B.Tech.	1962
Johnston, Elizabeth, LL.B.	1948
Johnston, Elliott Frank, LL.B.	1940
Johnston, Lance Galbraith, B.E.	1925
Johnston, Lindsay Collinge, Ph.D.	1967
Johnston, Ross George, B.D.S.	1936
Johnston, Margaret Catherine, M.B., B.S.	1961
Johnstone, David Ian, B.E.	1965
Johnstone, William Watson, M.E. (B.E., 1937)	1947
Jolad, Shivanand Dundappa, Ph.D.	1967
Jolly, Bertram Morris, M.B., B.S.	1937
Jolly, Dean Henry, B.Tech.	1966
Jolly, Dennis Rawson Penfold, B.Sc.	1953
Jolly, Donald, B.Sc.	1945
Jolly, Erica Annette, B.A.	1956
Jolly, Mark Alexander Bertram, M.B., B.S.	1967
Jolly, Meryl Ann, B.A.	1963
Jolly, Peter Lewis, B.Sc.	1962
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930)	1936
Jolly, William Alfred Swinburne, B.E.	1948
Jolly, William Richard, Norman, B.Sc.	1933
Jona, Jacob, B.Sc.	1908
B.A.	1937
Jona, Judah Leon, D.Sc.	1910
M.B., B.S. (Melbourne, 1911)	1917
M.S.	1919
Jonas, Oswald, M.B., B.S.	1959
Jones, Alan David, B.A.	1967
Jones, Alan Stuart, B.Sc.	1960
Jones, Alan Thomas Britten, M.B., B.S.	1921
Jones, Albert Walter, B.Sc.	1932
M.A. (B.A., 1937)	1944
Jones, Beverley Lillian, B.A.	1959
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949
B.Ec.	1958
Jones, Conway Jeffrey, B.Sc. (Eng.)	1945
Jones, David Garred, B.Sc.	1964
Jones, David Lewis, M.B., B.S.	1950
B.Sc.	1963
Jones, Doris Egerton, B.A.	1911
Jones, Dorothy Irene, B.A.	1945
Jones, Dorothy Lillian May, M.A.	1961
Jones, Evan Mander, M.A. (Oxford, 1937)	1948
Jones, Geoffrey Hedley, M.B., B.S.	1947
Jones, Graham Roy, B.E.	1964
Jones, Gwynfred, B.Sc.	1926
Jones, Helen Patricia, B.A.	1948
Jones, Herbert William, B.E.	1939
Jones, Jean Murray, M.B., B.S.	1944
Jones, Jeanette Rosemary, B.A.	1963
Jones, John Brett, Ph.D. (Wisconsin, 1958)	1960
Jones, Keith Gerald, B.Ec. (B.Com., Melbourne, 1956)	1961
Jones, Kelvin Lindsay, B.Sc.	1945
Jones, Kenneth Thomas, M.B., B.S.	1951
Jones, Leslie Ann, B.Sc.	1965
Jones, Linda Margaret, B.A.	1967
Jones, Malcolm Everett, B.Sc.	1966
Jones, Margaret Britten, B.A.	1947
Jones, Marie Katherine, B.A.	1961
Jones, Marilyn Rosemary, B.Sc.	1966
Jones, Martin, B.Arch.	1967
Jones, Michael John, B.A.	1954
Jones, Pamela Sandra, B.A.	1966
Jones, Reginald John, B.A.	1948
Jones, Richard Alan, Ph.D. (Cambridge, 1960)	1962
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941)	1948
Jones, Robert Britten, M.B., B.S.	1952
Jones, Robert Howard, B.Sc.	1940
Jones, Robert Murray, B.Tech.	1966
Jones, Rosemary Frances Hackett, B.A.	1962
Jones, Trevor Robert, M.E. (B.E., 1961)	1964
Jordan, Alec Simpson, M.B., B.S.	1964
Jordan, Dierdre Frances, B.A.	1947
M.Ed.	1967
Jordan, Denis Oswald, D.Sc. (London, 1953)	1955
Jordan, Jack, B.Tech.	1967
Jordan, Susan Margaret, B.Sc.	1965
Jordine, Edmund St. Aubyn, Ph.D.	1966
Jorgensen, Donald Murray, M.B., B.S.	1953
Jorgensen, Francis Richard Arthur, Ph.D. (B.E., 1960)	1965
Jory, Rodney Leonard, B.Sc.	1959
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1947
Jose, David Gilbert, M.B., B.S.	1963
Jose, Edward Salisbury, B.A. (Oxford, 1904)	1905
Jose, Geoffrey Alan, M.B., B.S.	1948
Jose, John Salisbury, M.B., B.S.	1957
Jose, Sir Ivan Bede, M.S. (M.B., B.S., 1915)	1923
Joseph, George, LL.B.	1938
Joseph, Hapuarachhige Don Austin Carlo, B.Sc.	1956
Joseph, Kaniathra Thomas, M.Ag.Sc.	1958
Joshi, Jagannath, M.B., B.S.	1958
Joske, John Webster, M.B., B.S.	1955
Jovanovic, Jorg Gerhard, B.A.	1966
Joyce, Rosalie Woodruff, B.A.	1929
Joyce, William Edward, B.D.S. (Sydney, 1950)	1967
Joyner, Malcolm Stewart, B.D.S.	1926
Joyner, Max Frederick, LL.B.	1913
Judd, David Gavain, B.Tech.	1966
Judd, James, B.A.	1954
Judd, Percival Richard Henry, B.A.	1934
B.Ec.	1938
Jude, Gertrude Josephine, B.Sc.	1901
Judell, Maurice Wolff, B.Sc.	1903
Judell, Trevor Leopold, B.Sc.	1947
Judell, Vivienne, LL.B.	1933
Juett, Christina Margaret, M.A. (B.A., 1929)	1933
Juhasz, Ferenc, B.Ec.	1958
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909)	1914
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1926)	1949
Jungfer, Lorenz Wilfred, B.D.S.	1933
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907)	1914
Juttner, Christopher Aylwin, B.Med.Sc.	1966
Juttner, Prudence Anne, B.Sc.	1952

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Kaasoi, Prachup, B.E.	1956
Kaewbaidhoon, 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
Kalnins, Andrejs, B.Sc.	1960
Kambala, Jazeps, B.Tech.	1958
Kammer, Monica Vivienne, B.Sc.	1961
Kamp, Herman, B.E.	1966
Kanapathipillai, Daisy, M.B., B.S.	1962

* Deceased

Kandasamy, Kanapathy, M.Sc.	1955	Kelly, Noel Robinson, B.Sc.	1964
Kandiah, Kumarasivam, B.E.	1958	Kelly, Patrick Joseph, LL.B.	1924
Kane, Leo William, B.A.	1962	Kelly, Peter Maurice St. Leger, LL.B.	1959
Kanef, Stephen Dimov, Ph.D. (B.E., 1949)	1956	Kelly, Robert John, B.E.	1959
Kannis, Peter, B.A.	1966	Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949
Kansil, Nico, B.App.Sc.	1962	LL.B.	1966
Kanwar, Jaswant Singh, Ph.D.	1954	Kelman, Hilda, M.B., B.S.	1948
Kappelle, Karel, B.Sc.	1961	B.A. (W. Aust., 1943)	1949
Kappler, Laurel Valma Joy, B.A.	1950	Kelsall, George Robert Henry, M.B., B.S.	1958
Karay, Stephen Coloman Cornelius, M.B., B.S.	1965	Kelsey, Oswald Mortimer, B.E.	1938
Karim, Abdul, Ph.D. (M.Sc., Dacca)	1951	Kemp, Deane Clayton, B.Tech.	1963
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951	Kemp, Henry Kenneth, B.Ag.Sc.	1933
Karolyi, George, B.E.	1960	Kemp, Leslie Curry, B.A.	1967
Karran, Peter Douglas, B.Sc.	1964	Kemp, Mervyn Douglas, B.A.	1966
Karthigasu, Kula Thungam, Ph.D. (B.Sc., 1960)	1965	Kemp, Michael Stephen, LL.B.	1967
Kartomi, Hidris, B.Tech.	1963	Kempson, Roger Malcolm, B.Sc.	1966
Kartomi, Margaret Joy, B.A.	1963	Kempster, Charles John Edgar, Ph.D. (Cambridge, 1958)	1960
Mus.Bac.	1964	Kendrew, George Harry, M.B., B.S.	1917
Kaspiew, Radzen, B.A.	1958	Kenihan, Raphael Leo, M.B., B.S.	1915
Katakasi, Igor, B.Sc.	1962	Kenihan, Robert Austin, M.B., B.S.	1946
Katekar, Gerard Frederick, Ph.D. (B.Sc., 1958)	1962	Kennare, Hugh Daly, B.D.S.	1950
Katekar, Henry John, LL.B.	1937	Kennare, Mary Anne, B.Sc.	1962
Kau, Maxwell Harold, B.A.	1967	Kennedy, Alan Duncan, B.A.	1952
Kaufman, John Lewis, B.D.S.	1956	Kennedy, Alexander Lorimer, B.E.	1915
Kaupmees, Lennart, M.B., B.S.	1956	Kennedy, Barbara Anne, M.B., B.S.	1962
Kauschke, Kevin Francis, B.Tech.	1960	Kennedy, Christopher Warren, B.Tech.	1965
Kavanagh, Bernard Francis, B.E.	1964	Kennedy, Desmond Anthony, M.B., B.S.	1955
Kavass, Igor Ivar, LL.B. (Melbourne, 1956)	1959	Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957
Kay, Alexander Theodore, B.E.	1924	Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958
Kay, Cecil Bernhard, B.Sc.	1935	Kennedy, Gillian Ruth, Ph.D.	1963
Kay, Joyce Gertrude, B.Ec.	1963	Kennedy, Helen Margaret, B.Sc.	1964
Kay, Malcolm John, B.Sc.	1957	Kennedy, Jennifer Ann, B.Sc.	1967
Kay, Mout John Richard, M.A. (Oxford, 1907)	1926	Kennedy, John Graham, B.E.	1952
Kay, Robert Pringle, B.E.	1926	Kennedy, Josephine Margaret, M.B., B.S.	1939
Kay, Rosemary, M.B., B.S.	1961	Kennedy, Karin Isobel, B.Sc.	1955
Kay, Sylvius Clarence, B.Sc.	1939	Kennedy, Kevin John, B.Ec.	1962
Kazanski, Boris, B.Arch.	1964	Kennedy, Michael Brian, B.E.	1959
Keain, Beatrice Mary, B.A.	1967	Kennedy, Philip James Anthony, LL.B.	1954
Keain, Arthur Patrick, B.A.	1958	Kennedy, Stanley Wallace, Ph.D. (Belfast, 1954)	1957
Keally, Frank Shenstone, B.A.	1951	Kennett, Edmund Richard, B.E.	1949
Keam, Graham Vincent, B.Tech.	1966	Kennett, Keith Franklin, B.A.	1967
Keam, Eileen Margaret, M.A. (B.A., 1927)	1930	Kennett, Maureen Patricia, B.A.	1963
Keane, Mary Veronica, B.A.	1961	Kenny, Edward James, B.Tech.	1962
Keany, John William, B.Ec.	1949	Kenny, Daniel Thomas, B.E.	1951
Kearnan, Joseph Reginald, LL.B.	1925	Kenny, Marjorie Jean, B.Mus.	1965
Kearney, Bernard James, B.A.	1949	Kenny, Martin Bill, B.Arch.	1963
Kearney, Geraldine Helen Elizabeth, M.B., B.S.	1961	Kenny, Martin Lance, B.A.	1940
Kearney (nee Dorsch), Ida Margarete, B.A.	1926	Kenny, Michael John, B.Mus.	1965
Kearney, Josephine Agnes, B.A.	1952	Kenny, Patricia Mary, B.A.	1954
Kearney, Margaret Patricia, M.B., B.S.	1955	Kent, George Lynden, B.A.	1952
Keats, Arthur Lange, B.E.	1937	Kent, Heinz Sigfrid Koplowitz, Ph.D., (Cambridge, 1955)	1956
Keats, John Augustus, B.Sc.	1944	Kent, Jacqueline Frances, B.A.	1967
Keats, Reynold Gilbert, Ph.D. (B.Sc., 1948)	1966	Kentish, Peter Horwood, B.A.	1960
Keda, Inga, B.D.S.	1961	Kentish, Timothy David, B.Ag.Sc.	1949
Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958	Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945
Keen, Ross Maxwell, B.E.	1954	Kerin, John Francis, B.A.	1949
Keene, Frank Richard, B.Sc.	1967	Kerin, Kevin Vincent, LL.B.	1952
Keeves, Andrew, B.Sc.	1951	Kerin, Mary Bridget, B.A.	1960
Keeves, John Philip, B.Sc.	1945	Kermode, Merrowyn May, B.A.	1962
Keeves, Margaret, B.A.	1944	Kernick, Colin Geoffrey, M.B., B.S.	1963
Keightley, David Douglas, B.Sc.	1966	Kerr, Allen, Ph.D.	1956
Keipert, Leslie James, M.B., B.S.	1918	Kerr, Colin Gregory, M.A. (B.A., 1934)	1937
Kelabora, Lambert, B.A.	1967	Kerr, David Ian Bevis, Ph.D. (B.Sc., 1947)	1954
Kelley, William Brian, B.A.	1951	Kerr, John Elder, M.B., B.S.	1963
Kelly, Birute Magdalena, M.B., B.S.	1966	Kerr, Sydney Challen, M.B., B.S.	1942
Kelly, Bryan Llewellyn, B.E.	1961	Kerrisk, John Michael, B.Sc.	1965
Kelly, Cecil James St. Leger, LL.B.	1924	Kerrison, John James, M.B., B.S.	1963
Kelly, David St. Leger, LL.B.	1961	Kerry, David George, B.Tech.	1966
B.A.	1967	Kerry, Jack Chris, M.B., B.S.	1960
Kelly, Dominic Michael, B.A.	1966	Kershaw, Allan James, B.E.	1965
Kelly, Ellen, B.A.	1928	Kerslake, William James, B.A.	1942
Kelly, Eric Gordon, M.A. (B.A., 1920)	1925	Kersten, Lee Irving, B.A.	1959
Kelly, Ernest James, B.A.	1952	Kessell, Abraham, M.B., B.S.	1955
Kelly, Francis, LL.B.	1906	Kessell, John Samuel, M.B., B.S.	1923
Kelly, Francis Peter, LL.B.	1937	Kessell, Maurice, M.B., B.S.	1950
Kelly, Frank Reginald, B.A.	1961	Kessell, Stephen Lackey, M.Sc. (B.Sc., 1917)	1927
Kelly, Gabrielle, B.A.	1966	Kesting, Louis John, B.A.	1944
Kelly, Gwenda Mary Christine, B.A.	1949	Ketley, Anthony Layzell, B.A.	1965
Kelly, John Erwin, LL.B.	1936	Ketley, Christopher Layzell, B.A.	1964
Kelly, Kieran Carmichael, LL.B.	1963	Ketteridge, Colin Ralph, B.D.S.	1956
Kelly, Michael, M.D. (M.B., B.S., 1928)	1945	Ketteridge, Ian Bruce, M.E. (B.E., 1951)	1963
Kelly, Michael Lawrence, LL.B.	1928	Keynes, Donald Maynard, B.Tech.	1962
		Keynes, Doris Ruth, B.Sc.	1950
		Keynes, Nanette Joan, B.A.	1943

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Keynes, Walter John, B.Tech.	1961	Kirkman, Edith Doreen, B.Sc.	1948
Khadajah binti Karim, B.A.	1965	M.B., B.S.	1951
Kho, Chin Heng, B.Sc.	1960	Kirkman, Kenneth Hainsworth, LL.B.	1949
Khoo, Kay Keng, B.Med.Sc.	1965	Kirkman, Lawrence Hayworth, LL.B.	1949
M.B., B.S.	1967	Kirkwood, John, B.D.S. (Sydney, 1954)	1962
Khoo, Phon Sai, B.Sc.	1963	Kirsch, Marina, LL.B.	1960
Khoo, Teng Joo, B.A.	1955	Kirsten, Marcia Meymott, B.A. (Sydney, 1924)	1952
Khor, Teik Hean, Michael, M.E. (B.E., 1959)	1964	Kirwan, Colleen Joy, B.Sc.	1956
Kidd, Barrington Horace, B.D.S.	1959	M.B., B.S.	1964
Kidd, Rowland James, B.D.S.	1953	Kissel, Thomas Alfred, B.A.	1954
Kidman, John Melvor, B.A.	1967	Kitchener, Martin John, B.E.	1957
Kiek, Laurence Edward, M.A. (B.A., 1947)	1949	Kitson, Mary Cecil, LL.B.	1916
Kiek, Sidney Noel, B.Sc.	1939	Kitto, Rodney Keith, B.Tech.	1959
Kiek, Winifred, M.A. (B.A., Manchester, 1907)	1929	Kiusalaas, Jaan, B.E.	1956
Kierce, Paul Joseph, M.B., B.S.	1965	Klaebe, Kenneth Eric, B.Sc.	1960
Kies, Alick Andrew, B.A.	1938	B.A.	1961
Kieselbach, Patricia, B.A.	1961	Klaebe, Robert John, B.D.S.	1955
Kieslinger, Hans, B.A.	1967	Klaebe, Ruth Adelaide, B.A.	1947
Kijne, Jacob Willem, Ph.D. (Utah, 1964)	1965	Klante, Joy Eleanor, M.B., B.S.	1967
Kikkert, John Nicolaas, B.Sc.	1967	Klau, Wilfred Albert, M.B., B.S.	1963
Kildea, Hugh Bawden, M.B., B.S.	1965	Klauss, Cynthia Beaumont, B.Sc.	1953
Kildea, Mary Francis, B.A.	1940	Klemm, Anthony Desmond, B.Sc.	1966
Kilgariff, Ian Warner, LL.B.	1964	Kleeman, Alfred William, Ph.D. (B.Sc., 1939; M.Sc., 1935)	1955
Kilgariff, Joseph Thomas, B.E.	1942	Kleeman, John Douglas, B.Sc.	1965
Kilgariff, Ronald Desmond, B.Sc.	1948	Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Killick, James Cassam, B.E.	1967	Kleeman, Peter Wallace, B.E.	1951
Killmier, Arthur Clifford, B.A.	1929	Kleeman, Reginald Theodore, B.E.	1923
Kilmier, Betty Margaret, B.A.	1953	Kleemann, Colin Martin, B.E.	1939
Kilpatrick, Diana Jeanette, B.Sc.	1966	Klein, Robert William, M.B., B.S.	1939
Kilpatrick, Iain David, B.E.	1960	Kleinig, Cyril Raymond, B.Ag.Sc.	1950
Kim, Shi-Mang, Peter, B.Sc.	1967	Kleinig, John Wilfred, B.A.	1965
Kimber, Carlien Lorraine, M.D.	1965	Kleitsch, Frederic, B.Ec.	1961
Kimber, Gillian, B.A.	1961	Klemm, Anthony Desmond, B.Sc.	1966
Kimber, Hugh Robert Reid, B.E.	1940	Klimaitis, Vytautas Victor, B.Tech.	1964
Kimber, Jennifer, B.A.	1959	Klimowski, Leopold Richard, M.B., B.S.	1961
Kimber, Maxwell James, B.E.	1964	Klingberg, David John, B.Tech.	1965
Kimber, Pamela, B.A.	1947	Kloeden, Louis Adolph, B.A.	1948
Kimber, Richard John, B.D.S.	1953	Kloogh, Noline, B.Mus.	1966
M.D. (M.B., B.S., 1961)	1966	Klose, Alfred Emil Johannes, B.A.	1915
Kimber, Robert James, B.A.	1960	Klose, Brenton Rollo, B.E.	1963
Kimber, Ronald Walter Lincoln, Ph.D. (B.Sc., 1956)	1960	Klose, Delrene Mary, B.A.	1965
Kindler, John Ernest, M.E. (B.E., 1928)	1930	Klose, Edwin Francis, B.Sc.	1959
King, Brian Maxwell, B.E.	1956	Klose, Thomas Richard, B.Sc.	1967
King, Bruce Charlton, B.Tech.	1967	Kluht, Caroline Jennifer, B.A.	1963
King, Colin George, B.D.S.	1938	Knabe, Anne Norman, B.Mus.	1967
King, David McMillan, M.B., B.S.	1963	Knapman, Jeffrey Warren, B.Sc.	1963
King, Donald, M.Sc. (B.Sc., 1948)	1950	Knapman, William Hamilton, B.Sc.	1951
King, Edwin George, B.A. (Western Australia, 1942)	1958	Knarhoi, Harry Hansen, M.B., B.S.	1956
King, Frances Mary, B.A.	1960	Knauerhase, Juliet Mary Lillemor, B.A.	1960
King, Jocelyn Mary, M.Ag.Sc.	1965	Knauerhase (nee Kiek), Margaret Lucy, B.A.	1934
King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956	Knauerhase, Oscar Carl, M.A. (B.A., 1934)	1943
King, Leonard James, LL.B.	1951	Kneebone, Christopher Stephen, B.E.	1920
King, Margaret Jessica Esmée, Mus.Bac.	1962	Kneebone, Clive Stuart, M.B., B.S.	1951
King, Peter Melville, B.Ag.Sc.	1966	Kneebone, Garry Malcolm, M.B., B.S.	1953
King, Robert Bruce, B.Sc. (Sydney, 1947)	1960	Kneebone, John Henry, M.B., B.S.	1954
King, Tania Leonie, M.B., B.S.	1963	Kneebone, John Keith, M.B., B.S.	1947
Kingston, Anthony Ian, B.D.S.	1961	Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911)	1921
Kingston, John William, B.Tech.	1967	Kneebone, Nance Gordon, B.A.	1950
Kingston, Patricia Joan, B.A.	1964	Kneebone, Richard Stephen, LL.B.	1967
Kinloch, Anne Russell Leuthner, B.A.	1967	Knight, Edwin Walter, M.B., B.S.	1957
Kinloch, Hector Gilchrist Lusk MacTaggart, Ph.D. (Yale, 1960)	1961	Knight, John Adrian, B.Ec.	1967
Kinlough, Margaret Anne, M.D. (M.B., B.S., 1958)	1963	Knight, John Michael, B.A.	1966
Kinlough, Raclene Lorna, M.D. (M.B., B.S., 1961)	1967	Knight, Peter Read, M.S. (Birmingham, 1965)	1967
Kinnaird, Malcolm Alexander, B.E.	1959	Knight, Ronald, Ph.D.	1965
Kinnane, Kenneth James, B.D.S.	1952	Knight, Ronald Barrington, M.B., B.S.	1933
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Knight, Tiiu Anu, B.A.	1966
Kinnear, Andrew Munro, B.E.	1950	Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Kinnear, Gerald Campbell, M.B., B.S.	1961	Knowles, Martyn Carey, B.Sc.	1964
Kinsman, Andrew Guise, B.E.	1954	Knox, Peter Gordon, B.Tech.	1958
Kirby, Barrie Michael, B.Sc.	1961	Koch, Colin Barry, B.D.S.	1951
Kirby, Charles William, B.Tech.	1961	Koch, Winston Roy, B.Tech.	1967
Kirby, David Bevan, M.B., B.S.	1951	Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928)	1938
Kirby, Paul Richmond, M.B., B.S.	1967	Kochenderfer, Paul Joachim Rudolf, Ph.D. (Dr.Phil., Berlin, 1937)	1965
Kirby, Ronald Franklyn, B.Sc.	1964	Koehne, Ivan Harold, M.B., B.S.	1956
Kirchoff, Gerhard Otto Paul, Ph.D. (D.Phil., Freiburg, 1951)	1966	Koehne, Marjorie Evelyn, B.A.	1931
Kirk, Alexander Charles, B.Sc.	1963	Koehne, Monica, B.A.	1962
Kirke, Brian Kinloch, B.E.	1967	Koehne, Peter David, B.A.	1957
Kirke, David Kerry, M.B., B.S.	1964	Koehne, Raymond Percy, B.A.	1932
Kirkland, James Alexander, M.D. (St. Andrew's, 1962)	1965	Koehne, Robert, M.B., B.S.	1961
Kirkman, David Norton, M.B., B.S.	1947	Koerber, Brian Walter, B.Sc.	1956
		*Koerner, Carl Frederick, M.E. (B.E., 1923)	1933
		Koerner, Carl Frederick, M.E. (B.E., 1923)	1928

* Deceased

Koerner, John Francis, B.E.	1924	Lade, Stuart Blair Stanley, B.Tech.	1964
Koh, Kee Tong, B.E.	1964	Ladner, Kenneth Claude, B.Tech.	1965
Koh, Loke Seng, B.Tech.	1965	*Laffan, Anna Estelle, B.A.	1922
Kohler, Bryce Leonard Percival, B.Ec.	1961	Laffer, Leonard Hughes, B.Ag.Sc.	1934
Kohler, Theodor George, M.B., B.S.	1946	Laffer, Mostyn Henry, B.Sc.	1967
Kollosche, Harold Frank, M.B., B.S.	1915	Laffer, Wendy Margaret, B.A.	1967
Kong, Ted Chong, Joseph, B.Ag.Sc.	1961	La Ganza, Richard Francis, M.Sc. (B.S., Yale, 1957)	1960
Kongi, Otto, B.Tech.	1961	Lagzdins, Lia, B.A.	1957
Koop, Eric John, B.E.	1949	Lahiff, David Dexter, LL.B.	1967
Koop, Peter Malcolm, M.B., B.S.	1949	Lai, Mun Seng, M.B., B.S.	1956
Korallis, Costa Agis, B.Sc.	1956	Laidlaw, Donald Hope, LL.B.	1949
Kornis, Edith Barbara, M.B., B.S.	1963	Laidlaw, William Clarke, B.A.	1938
Korytnyk, Wsewolod, Ph.D. (B.Sc., 1953)	1957	Lake, Robb Hingston, LL.B.	1939
Kotlarski, George, B.E.	1962	Lake, Robb Hingston, LL.B.	1939
Kowanko, Nicholas, Ph.D. (B.Sc., 1956)	1961	Lakin, Angela Mary, B.Mus.	1965
Kowanko, Rosemarie Johanna, B.A.	1965	Lam, Bin Khong, B.Tech.	1963
Kozhewnikow, Ludwika, M.B., B.S.	1967	Lam, Lambert Teck Choon, M.B., B.S.	1955
Kraehe, Graham John, B.Ec.	1965	Lam, Nguyen Thin Thanh, B.A.	1967
Kramer, Jeffrey Lionel, B.Tech.	1964	Lam, Pin Khien, B.Tech.	1964
Krantz, Kenneth David, M.B., B.S.	1941	Lam, Ying, B.Sc.	1964
Krantz, Peter Philip, B.Sc.	1963	Lam, Yu Swee, B.Sc.	1960
Krantz, Roy, M.B., B.S.	1930	Lamacraft, Kenneth Ronald, B.A.	1954
Krantz, Sydney, M.B., B.S.	1927	Lamacraft, Robin Ross, B.Sc.	1966
Kranz, Murray Lyall, B.D.S.	1951	Lambert, Harry Franklin, LL.B.	1964
Krassay, Stephen Francis, B.Ec.	1966	Lamborne, Maxwell Addison, B.A.	1953
Krassay, Thomas Egon, B.D.S.	1961	*Lamey, Charles Sydney, B.A.	1932
Krastins, Iga, B.Arch.	1964	Lamey, Gwenyth Eugene, B.A.	1940
Krause, Malcolm Rex, B.Ag.Sc.	1947	Lampard, Dudley John, M.B., B.S.	1941
Kretschmer, Gaynor Blanche, B.A.	1948	Lampe, Victor Leslie, B.A.	1919
Krichauff, George Frederick, B.E.	1927	Lamphee, Allan Dunstan, M.B., B.S.	1924
Krichauff, Henry Stead, B.Ag.Sc.	1958	Lamphee, Catherine Elspeth, B.Sc.	1953
Krieg, Erwin Oswald, B.A.	1947	Lamshed, Albert Saville, B.A.	1950
Krieg, Graham Walter, B.Sc.	1965	La Nauze, Barbara Burton, B.Sc.	1937
Krieg, Marcus Gustav, B.A.	1941	La Nauze, John Andrew, B.A. (Oxford, 1934)	1935
Krieger, Geoffrey Edward, M.B., B.S.	1961	Lander, Harry, M.B., B.S.	1951
Kriehn, Adolf Oscar, M.A. (B.A., 1922)	1926	Landers, John Albert George, M.B., B.S.	1967
Krips, Henry Paul, B.Sc.	1965	Lane, Barbara Edith, B.Sc.	1960
Krishnan, Subramanaiyer Sivarama, M.B., B.S.	1958	Lane, Douglas James, B.Sc.	1950
Krishnapillai, Vijayasehari, Ph.D. (B.Sc., 1960)	1965	Lane, John Edgar, Ph.D. (B.Sc., 1959)	1963
Kristoff, Julia, B.Sc.	1960	Lane, Lionel Harold Davies, M.B., B.S.	1961
Krockenberger, Bruno, B.E.	1956	Lane-Smith, Ronald Frederick, B.Arch. (Manitoba, 1957)	1965
Kroemer, Maureen Annette, B.Sc.	1964	Lang, Eric, M.E. (B.E., 1924)	1930
Kruger, James Morris, B.Sc.	1948	Lang, Graham Bruce, B.Sc.	1958
Kruhming, Edward Charles, B.E.	1960	Lang, Ian Philip, B.Sc.	1951
Krumins, Bruno, B.Tech.	1962	Lang, Philip Roy, M.A. (B.A., 1923)	1929
Krumins, Dagmara Eleonora, B.D.S.	1954	Lang, Roger James, B.Ec.	1964
Kryvoviaza, Jaroslav, B.D.S.	1953	Lang, Samuel Brambley, B.A.	1949
Kubacz, George John, M.B., B.S.	1959	Lang, Sydney Chapman, B.A.	1896
*Kuchel, Carl Wilhelm August, M.A. (B.A., 1908)	1912	Lang, Timothy Rakston, B.Sc.	1964
Kuchel, Clemens Carl, B.Sc.	1934	Lang, Volker Wolfgang, B.E.	1967
Kuchel, Rex Harold, B.Sc.	1942	Langdon, Rodney John, B.Tech.	1963
Kuchel, Robert Erwin, B.Sc.	1947	Lange, Robert Terence, Ph.D. (W.A., 1961)	1963
Kuhl, Dean Hasting, B.Sc.	1957	Langvad, Eric James, B.E.	1933
Kuhlmann, Herman Frederick, M.B., B.S.	1943	Langfield, Penelope Jane, B.A.	1967
Kukurs, Ilona, B.A.	1961	Langford, Peter Angas, B.A.	1964
Kulasingham, Lynn, B.A.	1959	Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942
Kumnick, Donald Kerr, M.B., B.S.	1951	Langhans, Patricia Jean, B.A.	1962
Kuo, Chiao Chiao, B.Sc.	1962	Langman, Dawn Rolanda, B.A.	1967
Kupke, Lyall Gordon, B.A.	1967	Langreh, John Scott, B.Sc.	1960
Kurczak, Henry, B.E.	1957	Langridge, John Balcombe, Ph.D.	1956
Kurtz, Clarence Norman, B.A.	1956	Langron, William Joseph, B.Sc.	1947
Kurucev, Tomas, Ph.D. (B.Sc., 1954)	1958	Langsford, Diana, B.A.	1948
Kuss, Marc Raphael, B.Sc.	1964	Langsford, Janice Cathryn, B.A.	1964
Kutcher, Raymond William Harrold, B.E.	1951	Langsford, Robert Bentley, B.A.	1967
Kuusk, Eda Renate, M.B., B.S.	1958	Langstaff, Lois, B.A.	1944
Kuusk, Sven, B.D.S.	1965	Lanyon, Richard Ian, B.E.	1958
Kwan, Ching Ping, B.Sc.	1967	Lapidge, Jack Stanley, B.E.	1935
Kwan, Tse-Tuan, May, B.Sc.	1964	Lapsy, Antanas Tomas, B.Arch.	1963
Kwok, Hae Fun, B.E.	1965	Laphorne, Robert Ingersoll, B.A.	1967
Kwok, Hae Leong, M.E. (B.E., 1957)	1962	Lasarewitch, Peter, B.A.	1967
Kwok, Hae Mun, M.B., B.S.	1967	Laslett, Alfred John, B.E.	1965
Kwong, Kwok-Wai, Wilson, B.D.S.	1966	Laslett, George Nield, B.A.	1951
Kwong, Nai Wing, Owen, B.D.S.	1965	Laslett, Ian John, B.Sc.	1950
Kwong, Sea Yoong, B.D.S.	1955	Laslett, Robert Lacy, M.Sc. (B.Sc., 1960)	1964
Kyd, Isabel Somerville, B.A.	1937	Lasn, Kalle, B.Sc.	1962
Kyd, Margaret Florence, B.A.	1941	Last, John Murray, M.B., B.S.	1949
L			
Laby, Ralph Henry, Ph.D.	1964	Last, Peter Murray, M.B., B.S.	1952
Lacey, John Salisbury, B.E.	1946	Last, Raymond Jack, M.B., B.S.	1924
Ladd, Jeffrey Norman, M.Sc. (B.Sc., 1952)	1955	Latz, Clement Victor, B.Sc.	1955
Lade, Kathleen Beatrice, B.A.	1930	Laubsch, Colin Andrew, B.Sc.	1951
Lade, Norman Edgar, M.A. (Melbourne, 1926)	1937	Laught, Keith Alexander, LL.B.	1927
		Laughton, Frances Elizabeth, B.A.	1941
		Laughton, Rosemary Pauline, B.A.	1945
		Laurence, Gerald Steven, Ph.D. (Leeds, 1961)	1962

* Deceased

Laurence, Joan Mary, B.A.	1935	Lee, Bing Kin, Thomas, B.Sc.	1966
Laurie, Christopher Forbes, M.B., B.S.	1964	Lee, Chin Tiong, M.B., B.S.	1957
Laurie, Ian Stott, Ph.D. (Cambridge, 1962)	1966	Lee, Christopher Robert, LL.B.	1961
Laurie, John Buxton, B.E.	1955	Lee, Chye Chow, M.B., B.S.	1955
Laver, John Poynton, B.E.	1952	Lee, David Harry, M.Sc. (B.Sc., 1961)	1964
B.Ec.	1967	Lee, Frank Milton, B.A.	1939
Laver, Peter Graham, B.Tech.	1966	Lee, Geok Eng, B.Sc.	1967
Lavery, Christopher Soward, B.E.	1960	Lee, Heather Vivian, B.A.	1947
Lavis, David Milton, B.Sc.	1949	Lee, Hector John, M.Sc. (B.Sc., 1932)	1949
Lavis, John Frederic, M.D.S. (B.D.S., 1945)	1954	Lee, Huat Chye, Jeffrey, B.E.	1965
Law, Gertrude Teresa, M.A.	1924	Lee, Hui Ling, M.B., B.S.	1967
Law, Richard Anthony, B.Ec.	1967	Lee, Janice Maree, B.A.	1967
Lawlor, Laurence Charles, B.E.	1965	Lee, John Malcolm, B.A.	1967
Lawlor, Margaret Cecilia, B.Sc.	1964	Lee, Kee Ching, B.E.	1958
Lawrance, Robert, Ph.D. (M.Sc., 1958)	1965	Lee, Kevin John, B.E.	1954
Lawrence, Alfred Oscar Platt, B.Sc.	1928	Lee, Kim Cheng, B.Sc.	1966
Lawrence, Bruce Ernest, M.B., B.S.	1927	Lee, Kwok Ching, M.B., B.S.	1955
Lawrence, Effingham Frank, M.B., B.S.	1966	Lee, Kwok Poh, B.D.S.	1956
Lawrence, James Roland, M.B., B.S.	1954	Lee, Lance Maurice, LL.B.	1956
Lawrence, John Robert, B.E.	1957	Lee, Moi Yin, B.Arch.	1967
Lawrence, Margaret Evelyn, B.A.	1959	Lee, Ping Wen, M.B., B.S.	1965
Lawrence, Neville Clifford, B.Sc.	1967	Lee, Raymond Wilson, B.E.	1954
Lawrence, Peter Kornelis, B.Ag.Sc.	1967	Lee, Ronald Milton, B.Tech.	1959
Lawrence, Robert John, B.A.	1953	Lee, Sam Hong, B.E.	1967
Lawrie, Allan Leonard, B.App.Sc.	1965	Lee, Sam Kong, B.E.	1961
Lawrie, David Charles, B.Sc.	1954	Lee, Seng Teik, M.B., B.S.	1965
Lawrie, John Desmond, B.E.	1954	Lee, Sheong-O, B.Tech.	1962
Lawry, John Robins, B.A.	1961	Lee, Siew Chow, B.E.	1965
Lawry, Peter Sheldon, Ph.D. (B.Sc., 1960)	1967	Lee, Siew Vin, Helena, M.B., B.S.	1965
Lawry, Reginald Arthur, B.A.	1943	Lee, Soo Kwang, B.E.	1964
Laws, Keith William, B.D.S. (Sydney, 1924)	1925	Lee, Spencer Adrian, LL.B.	1965
Lawson, Beverley Joy, B.Sc.	1959	Lee, Tian Chew, B.Tech.	1962
Lawson, Frederick Henry, B.Sc.	1935	Lee, Yee Cheong, B.E.	1961
Lawson, Margaret Elaine, M.B., B.S.	1955	Lee, Yuk Yan, B.E.	1966
Lawson, Robert David, LL.B.	1967	Leech, Jeremy Wilfrid, B.Sc.	1964
Lawson, William Scott, M.B., B.S.	1954	Leenders, Johannes Albertus, B.Tech.	1964
Lawton, Anthony Dean, B.Ec.	1962	Leepere, Raim, B.Sc.	1963
Lawton, Graham Henry, M.A. (Oxford)	1952	Lees, Maxwell Laurence, B.E.	1966
Lawton, John William Magarey, M.B., B.S.	1963	Legge, Flora, B.A.	1966
Lawton, Peter Alan, B.Sc.	1950	Legoe, Christopher John, M.A. (Cambridge, 1954)	1961
Lawton, Ralph Stanley, B.A.	1953	Lehman, Robert Brian, B.Tech.	1965
Laycock, Frederick John, M.B., B.S.	1941	Lehmann, Philip Ross, B.Sc.	1965
Laycock, Geoffrey Clifton, B.A.	1952	Leibie, Albert Lawrence, B.A.	1966
Laycock, Margaret, B.A.	1954	Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926
Laycock, Richard, M.B., B.S.	1965	Leifer, Michael, Ph.D. (London, 1959)	1960
Layton, Robyn Ann, LL.B.	1967	Leigh-Jones, Peter, B.E.	1964
Lazaroff, Nicholas, B.Sc.	1964	Lejejs, Inara, B.A.	1967
Lazner, Margaret Ann, B.Sc.	1965	Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947
Lea, Anthony Ramon Marc, B.A.	1961	Leitch, Raymond John, M.B., B.S.	1956
Lea, David Alexander Maclure, B.A.	1958	Lekias, Michael Simon, M.B., B.S.	1955
Lea, John Francis Maclure, B.E.	1957	LeLacheur, Hellier, B.A.	1915
Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924	Le Lacheur, Hellier, B.A.	1966
Leach, Brian George, B.Sc.	1964	LeMaistre, Christopher William, B.App.Sc.	1964
Leach, John Brian, B.D.S.	1947	LeMaistre, Ray Mauger, B.A.	1939
Leach, Raymond Basil, B.D.S.	1950	Lemcke, Vincent Andrew Howard, B.A.	1940
Leach, Robert William, B.A.	1950	LeMessurier, David Hugh, B.Sc.	1932
Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953	Le Messurier, David Hugh, B.Arch.	1966
Leach, William Valentine, M.A. (B.A., 1922)	1923	LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920
Leader, Barry Haynes, LL.B.	1967	LeMessurier, Patricia Anne, B.A.	1959
Leader, Haynes, LL.B.	1926	LeMessurier, Robert Ernest, B.E.	1949
Leader, Wendy Marjorie, B.A.	1961	Lemmey, Ford Prall, B.A.	1951
Leak, Brian Hedley, B.A.	1954	Lemon, Arnold William, LL.B.	1936
Leak, Peter McKenzie, B.Sc.	1961	Lemon, Meredith, B.Sc.	1965
Leaker, David Wayne, B.Ec.	1966	Lendon, Alan Harding, M.B., B.S.	1927
Leane, Peter Alan, B.Ec.	1963	Lendon, Elspeth Lockett, B.A.	1950
Leaney, Cecil John, M.B., B.S.	1952	Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922
Leaney, Peter Anthony, M.B., B.S.	1954	Lennon, Vincent Francis Bennett, M.B., B.S.	1930
Leaney, Roy Kent, B.A.	1947	Leonard, Ian Ferguson, M.B., B.S.	1959
Leask, John Hunter, B.E.	1928	Leonard, Roger Ashley, B.A.	1964
Leask, John James, B.E.	1960	Leong, Kong Mun, B.E.	1962
Leaver, Edward, LL.B.	1928	Leong, Luen Kit, M.E. (B.E., 1960)	1964
Leaver, Kenneth Batten, B.A.	1942	LePage, Keith Ernest, M.B., B.S.	1952
Leaver, Sally Lucia Eulalie, B.Sc.	1956	LePage, Patricia Nadeane, B.A.	1956
Leckie, Alexander Joseph, Mus.Bac.	1913	LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960
LeCornu, Colin George, B.A.	1954	Le Page, Ronald Alfred, B.A.	1966
Ledger, Gladys May, B.A.	1912	Leske, Clemens Theodore, B.Mus. (Melbourne, 1947)	1966
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906	Leske, Clive William, B.E.	1950
Leditschke, Brenton Ross, B.Tech.	1967	Leske, David, M.B., B.S.	1954
Leditschke, Friedrich Berthold, M.B., B.S.	1924	Leske, Elmore, B.A.	1947
Leditschke, John Frederick, M.B., B.S.	1957	Leske, Kenneth Berthold, B.Ag.Sc.	1948
Leditschke, Kathleen Dora, B.Sc.	1956	Leslie (nee Sharman), Florence Mary, M.A.	1919
Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955	Leslie, Jean, M.A. (B.A., 1920)	1932
Leditschke, Ralph Colin, B.Tech.	1963		
Ledo, John David, B.E.	1961		
Lee, Anthony Ralph, B.Sc.	1966		

* Deceased

Leslie, Peter William, M.B., B.S.	1943	Lightburn, Kenneth Dale, B.E.	1963
Leslie, Robert Bradshaw, B.Sc.	1952	Lilburn, William Embleton, B.E.	1954
Leslie, Warren Cannmore, B.Sc.	1962	Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949
Lesnikowski, Zdzislaw, B.Ec.	1960	Liljegren, David Roland, Ph.D. (B.Sc., 1959)	1963
Le Souef, John Dudley, M.B., B.S.	1948	Lill, Donald Lester, B.Sc.	1967
Letcher, Herbert George, M.B., B.S.	1927	Lill, John Charles, Ph.D. (B.E., 1955)	1962
Lewitt, Solomon, M.B., B.S.	1950	Lillecrapp, Douglas Arthur Julian, B.A.	1949
Levy, Judith Anne Winstanley, M.Sc. (B.Sc., 1956)	1963	Lilley, Ross McCausland, B.Sc.	1967
Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952	Lillie, Susan Jane, B.Sc.	1962
*Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926	Lillywhite, Cuthbert, B.Sc.	1939
*Lewcock, Harry Kingsley, B.Sc.	1923	Lillywhite, John Wilson, B.Sc.	1936
Lewis, Anthony Beresford, B.Ec.	1964	Lillywhite, Myra Jean, B.A.	1960
Lewis, Arthur Sangster, B.E.	1930	Lim, Cheng Sang, B.Sc.	1963
Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931	Lim, Chong Kooi, B.Arch.	1965
Lewis, Basil Reece, B.Sc.	1944	Lim, Heng Wah, B.Sc.	1968
Lewis, Brenton Raymond, B.Sc.	1966	Lim, Khai Leang, Ph.D. (B.Sc., 1959)	1965
Lewis, Brian Malcolm, B.Tech.	1962	Lim, Kim Boon, B.E.	1965
Lewis, Brian Murray, B.Sc.	1964	Lim, Kwang Hua, B.E.	1957
Lewis, Colin Hamilton, B.D.S.	1943	Lim, Leong Cook, B.E.	1959
Lewis, David Alfred, B.Sc.	1943	Lim, Looi Cheang, M.B., B.S.	1965
Lewis, David Grant, LL.B.	1963	Lim, Oon Hooi, B.Arch.	1967
Lewis, David Gray, Ph.D. (B.Sc., 1949, M.Sc., 1957)	1964	Lim, Teck Kah, B.Sc.	1964
Lewis, Eric, B.A.	1965	Lim, Thuan Khee, B.E.	1966
Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908	Lim, Teow Chye, M.B., B.S.	1967
Lewis, Frederick Moore, B.A.	1961	Lim, Teow Wan, B.Sc.	1965
Lewis, Glen Arthur, B.E.	1949	Lim, Thian En, B.E.	1963
Lewis, Gordon John, B.E.	1951	Lim, Yew Meng, B.Sc.	1964
Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955	Lim, Yong Peng, B.Ag.Sc.	1957
Lewis, Irene Gwendoline, B.Sc.	1907	Limb, Christopher John, B.E.	1965
Lewis, John Aylward, M.B., B.S.	1944	Limmer, Allan Noel, M.B., B.S.	1959
Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935	Lin, Tung Keng, B.E.	1967
Lewis, June Alison, B.Sc.	1964	Lincoln, Stephen Frederick, Ph.D.	1967
Lewis, Keith Gray, B.Sc.	1940	Lindell, Geoffrey John, LL.B.	1965
Lewis, Keith William, B.E.	1952	Lindemans, Willem, B.Sc.	1967
Lewis, Kevin Joseph, B.D.S.	1933	Linden, Paul Frederick, B.Sc.	1967
Lewis, Leonard Arthur, B.Sc.	1940	Lindner, John Alan, B.Sc.	1963
Lewis, Mary, B.A.	1949	Lindner, Robert Ken, B.Ag.Sc.	1964
Lewis, Mervyn Keith, B.Ec.	1965	B.Ec.	1967
Lewis, Michael Leslie, B.Ec.	1965	Lindon, John Leonard Henry, M.B., B.S.	1952
Lewis, Milton John, M.B., B.S.	1967	Lindon, Sir Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923
Lewis, Norman Benjamin, B.Sc.	1947	Lindon, Marten Edward, M.B., B.S.	1953
Lewis, Peter Alexander, B.E.	1957	Lindop, Arthur Clive, B.Sc.	1964
Lewis, Raymond Douglas, B.Sc.	1939	Lindquist, Malcolm Dudley, B.Sc.	1965
B.A.	1959	Lindquist, William Francis, B.Sc.	1966
Lewis, Reginald William Frederick, B.E.	1925	Lindsay, Jeanette, LL.B.	1963
Lewis, Richard Owen, B.A.	1951	Lindsay, Keith Malcolm, B.A.	1939
Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947	Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950
B.A.	1952	M.B., B.S.	1957
Lewis, Robyn, B.Sc.	1965	Lines, David Robin, M.B., B.S.	1961
Lewis, Roy Newman, B.Sc.	1945	Lines, Dean Franc, B.Sc.	1944
Lewis, Stella Constantine, M.B., B.S.	1962	Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933
Lewis, Steve Constantine, B.E.	1964	Lines, George Edward, B.Ag.Sc.	1951
Lewis, Stuart Hayes, M.B., B.S.	1950	Lines, Helen Nora, B.A.	1952
Lewis, Trevor Frank, B.Tech.	1962	Ling, Ai Mee, B.Sc.	1964
Lewis, William Albert, B.A.	1966	Ling, John Kynaston, M.Sc. (B.Sc., 1954)	1956
Lewis, William Hooper, M.B., B.S.	1964	Ling, Robert Donald Hill, B.E.	1957
Leydon, Robert John, Ph.D. (B.Sc., 1961)	1965	Ling, Sieng Hui, Charles, M.B., B.S.	1963
Leyland, Geoffrey Agar, M.B., B.S.	1944	Ling, Siew May, B.Arch.	1964
Lian, Fook Nyeam, M.B., B.S.	1961	Linke, Ambrose Neil, B.A.	1960
Liau, Choon Fah, Gabriel, B.D.S.	1967	Linke, Hayden Neville, B.Sc.	1963
Liddiard, Kevin Charles, B.Sc.	1964	Linke, Innes Napier, B.Sc.	1965
Liddle, John Michael, B.Sc.	1964	Linke, John William, B.Sc.	1953
Liddle, Peter Francis, B.Sc.	1966	Linke, Roslyn Kaye, B.A.	1963
Liddy, Desmond Terence, B.Sc.	1950	Linklater, Peter Munro, B.Ag.Sc.	1953
Liddy, John Davis, B.E.	1966	Linklater, Rodney Munro, B.E.	1953
Liddy, John Francis, B.E.	1966	Linn, Beryl Eileen, LL.B.	1933
Liddy, Peter Michael, LL.B.	1952	Linn, Helen Kathleen, B.Sc.	1950
Lidums, Aivars, B.Tech.	1966	Linn, Howard Wadmore, M.D. (M.B., B.S., 1944)	1954
Liebig, Alvin Frederick, B.E.	1940	Linn, John Graham, M.B., B.S.	1950
Liepins, Ines, B.D.S.	1965	Linn, John Malcolm, M.B., B.S.	1953
Lieschke, Alister Headley, B.Sc.	1959	Linn, Leslie Wadmore, M.B., B.S.	1918
Liew, Nyok Kheng, B.Sc.	1964	Linn, Matthew David, B.E.	1965
Liew, Tack Ming, B.D.S.	1961	Lintern, Sue Michele, B.Sc.	1966
Liew, Tack Wan, B.A.	1961	Liow, Yew Hock, B.A.	1966
Ligertwood, Andrew Leith Coutts, LL.B.	1967	Lipert, John Raymond, M.B., B.S.	1959
*Ligertwood, Sir George Coutts, B.A.	1908	Lipman, Rex John, B.D.S.	1951
LL.B.	1910	*Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942
LL.D. (Western Australia, 1963)	1964	D.Sc.	1950
Ligertwood, James Arthur, B.E.	1950	Lippett, Richard, M.B., B.S.	1957
Ligertwood, Neil Coutts, LL.B.	1948	Lister, James Dick, M.B., B.S.	1954
Ligeti, Judith Margaret, B.A.	1965	Liston, Doreen Bice, B.A.	1965
Ligeti, Piroska Magdolna, M.B., B.S.	1954	Liston, Mary Howard, B.A.	1950
		Litchfield, Jennifer Ann, LL.B.	1964

* Deceased

Litchfield, Kenneth Lyle, LL.B.	1935	Lovell, John Gordon, B.Sc.	1966
Lithgow, John Neville, B.Ec.	1958	Lovell, Keith Everett, M.B., B.S.	1949
Little, Geoffrey Bruce, B.Tech.	1966	Lovett, Neil Doble, B.A.	1960
Little, John Anthony, B.E.	1957	Lovett, William James, M.Ag.Sc. (B.Sc.Agr. (Queensland), 1948)	1960
Little, Kenneth Edgar Treloar, M.B., B.S.	1966	Lovibond, Sydney Harold, Ph.D. (M.A., 1958; B.A. (Melbourne, 1954)	1962
Little, Rowland Edmund, M.Sc.	1966	Low, Lillian Sheelagh, LL.B.	1939
Littler, John, M.B., B.S.	1966	Low, Ann Margaret, B.A.	1963
Liu, Hui-An, B.E.	1957	Low, Beng See, Ph.D. (B.Sc., 1958)	1963
Liu, Lillian Ling, B.Sc.	1957	Low, Kong Hoon, B.Sc.	1961
Liu, Owen, B.E.	1954	Low, Ian Roland, LL.B.	1966
Livingstone, Rodney Simon, B.A. (Cambridge, 1956)	1960	Low, Kiang Liew, B.Sc.	1966
Llewellyn, Joan Margaret, M.Sc. (B.Sc., 1945)	1951	Low, Lewis, M.Sc. (Sydney, 1953)	1966
Lloyd, Alan Russell, B.Sc.	1962	Low, Peter Ashton, B.Sc.	1959
Lloyd, Christopher Derek Viner, M.B., B.S.	1967	Lowe, Sir Charles John, M.A. (Melbourne)	1955
Lloyd, David George, B.Sc.	1966	Lowe, Daphne Rae, M.B., B.S.	1951
Lloyd, Denys Morrison, LL.B.	1938	Lowe, Gillian Elizabeth, B.A.	1956
Lloyd, Douglas Edwin, B.A.	1966	Lowe, John Charles, B.Sc.	1951
Lloyd, Edward John, B.Sc.	1959	Lowe, William Hector, B.E.	1961
Lloyd, Elizabeth Ann, B.A.	1960	Lower, Harold George, B.Sc.	1963
Lloyd, Hugh Arthur, M.B., B.S.	1940	Lower, Harold Stewart Farnham, M.Sc.	1954
Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1902	Lower, Mark Anthony, LL.B.	1948
Lloyd, John Viner, M.B., B.S.	1964	Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949
Lloyd, Jocyelyn Marie, B.A.	1959	Lower, Oswald Bertram, M.B., B.S.	1939
Lloyd, Judith Anne, B.Sc.	1961	Lowke, John James, Ph.D. (B.Sc., 1955)	1963
Lloyd, Thomas Rex Viner, B.E.	1932	Lowke, Karil Mary Faith, B.A.	1965
Loan, Edward Charles, B.A.	1903	Lowrie, Neil William, LL.B.	1963
Loan, Peter Macdonald, B.Sc.	1964	Lu, Shiu-Shiek, Albert, B.D.S.	1966
Loascher, David John, M.B., B.S.	1955	Lubich, Joseph Maurice, M.B., B.S.	1954
Lochert, Paul Bertram, B.Sc.	1963	Lucas, Carolyn, B.A.	1964
Lochert, Roslyn Marie, M.B., B.S.	1962	Lucas, Diana Mary, B.A.	1960
Lock, Dorothy Marie Jeanne, B.A.	1954	Lucas, Max, LL.B.	1958
Lock, Maurice Joseph Bayard, B.Sc.	1945	Lucas, Paul Norton, B.App.Sc.	1963
Lockey, George William Albert, B.Sc.	1967	Lucas, Ralph Mervyn, B.Ec.	1956
Lockwood, Dianne Wendy, B.A.	1966	Luck, Janice, B.A.	1958
Lockwood, Gregory John, B.A.	1965	Lücke, Horst Klaus, LL.B.	1961
Lockwood, John, B.Sc.	1964	Ludbrook, Philip Albert, M.B., B.S.	1964
Lockwood, Keith Linwood, B.Sc.	1963	Ludbrook, Wallis Verco, B.Sc.	1928
Lockwood, Philip Anthony, M.A. (Cambridge, 1949)	1966	Ludford, Colin George, B.Sc.	1948
Lockyer, Kathleen Elaine, B.A.	1953	Ludlow, John, M.B., B.S.	1960
Lodge, John Kenneth Hyde, B.Ec.	1957	Lugg, Desmond James, M.B., B.S.	1962
Loechel, Beverley Claire, B.Sc.	1963	Lugg, Margaret Edith, B.A.	1949
Loffler, Donald Arthur, B.A.	1961	Luke, Brian Nathan, B.D.S.	1965
Loffler, Keith Richard, B.Arch.	1965	Luke, Colin Glen, M.B., B.S.	1965
Logan, Ernest Albert William, B.A.	1937	Luke, David Alan Thomas, B.Ec.	1960
Loh, Soo Beng, B.Tech.	1964	Luke, Eleanor Ann, B.A.	1961
Loh, Soo Eng, B.E.	1966	Luke, James Ian, B.D.S.	1963
Lohmeyer, Rex Howard, B.E.	1953	Luke, Murdock Stewart, B.A.	1958
Lohmeyer, Vivian Keith, B.Ag.Sc.	1950	Luke, Thomas Glen, B.Sc.	1925
Lokan, Frances Anne, B.A.	1959	Lum, Allan Douglas, B.Sc.	1956
Lokan, Keith Henry, B.Sc.	1954	Lumb, Rosemary Margaret, LL.B.	1966
Lokan, Robert Julian, B.Sc.	1967	Lumbers, Eugenie Ruth, M.B., B.S.	1965
Loke, Wye Tuck, M.B., B.S.	1960	Lum, Laurence Claude, M.B., B.S.	1939
London, Jack Warfield, B.E.	1951	Lund, James Percy, B.D.S.	1966
Long, Eileen Edith, B.A.	1939	Lundie, Kevin James, B.Sc.	1967
Longbottom, David Cox, B.E.	1938	Lungley, Sheila Amelia Gordon, M.B., B.S.	1950
Longbottom, Graeme John, B.E.	1960	Lunn, Michael Arthur Richard, B.A. (Sydney, 1960)	1963
Longbottom, Maxwell Ernest, B.A.	1962	Lunn, Margaret Anne, LL.B.	1931
Looi, Hoong Thooing, B.Arch.	1967	Lunn, Robert Martin, LL.B.	1965
Looke, Ene, B.Sc.	1960	Luscombe, Jeffery Paul, B.Sc.	1967
Looker, Arthur Jacob Henry, B.E.	1957	Lush, Anita Rose, B.A.	1959
Loos, Marcel, B.Sc.	1967	Lush, James Barrington, B.Sc.	1967
Lopes, Renée Marie, B.A.	1965	Lushey, Frederick Mayne, B.Ec. B.A.	1951
Lorbeer, Hans Joseph, M.B., B.S.	1958	Lushey (nee Wilks), Vida Alice, B.A.	1904
Lorbeer, Siegfried Heinrich, M.B., B.S.	1960	Luxmoore, Robert John, B.Ag.Sc.	1962
Lord, Eric Ross, B.A.	1948	Luxton, Clarence Richard Paul, B.E.	1950
Lord, John Russell, B.Sc.	1961	Luxton, Russell Estcourt, B.E.	1956
Lord, Peter, B.E.	1958	Lyall, Allen Raymond, M.B., B.S.	1954
Lore, John, M.B., B.S.	1957	Lydall, Harold French, M.A. (Oxford, 1936)	1963
Lorenz, Jutta Christa, B.Sc.	1967	Lydall, Jean Rosemary, B.A.	1966
Lorenz, Ross, B.E.	1963	Lykke, Athol William John, M.D. (M.B., B.S., 1956)	1966
Lorimer, Philip Stewart, B.A.	1967	Lynch, John Henry, B.A.	1947
Lorking, Diana Pauline Elizabeth, B.A.	1952	Lynch, Justin Joseph, Ph.D.	1964
Lott, Robert John, B.Sc.	1965	Lynch, Kevin Patrick, LL.B.	1959
Loughhead, Colin Ellis, B.Sc.	1966	Lynch, Martin Alfred, M.B., B.S.	1954
Loughhead, Mary Elizabeth, B.Sc.	1966	Lynne, Allan Robert, B.E.	1966
Loughhead, Michael Gordon, M.B., B.S.	1967	Lynn, Kenneth Roy, B.Sc.	1949
Loutit, John Stuart, Ph.D. (B.Sc., 1945)	1955	Lyon, Hugh Pearson Dunlop, LL.B.	1925
Loutit (nee Jeffery), Margaret Wyn, M.Sc. (B.Sc., 1950)	1954	Lyon, John Forbes, B.Sc.	1959
Love, Clement Vernon, M.B., B.S.	1947	Lyon, Malcolm Elliott, B.A.	1954
Love, John Alexander, M.B., B.S.	1915	Lyns, Henry Emerson Wescombe, M.B., B.S.	1940
Love, John Holinger, B.A.	1951	Lyons, Ruth, M.B., B.S.	1942
Loveday, John, M.Ag.Sc. (B.Ag.Sc., 1951)	1956		
Loveday, Peter, Ph.D. (Sydney, 1963)	1966		
Loveday, Peter Franklyn, B.E.	1964		

* Deceased

M

McAloney, Barry Wayne, B.Tech.	1965
McAnaney, Janet, B.Sc.	1962
McAnaney, Rita Margaret, M.B., B.S.	1926
Macaranas, Esperanza M., B.E.	1963
McAree, Francis Edward, M.B., B.S.	1906
McAree, John Victor, M.B., B.S.	1905
McArthur, Archibald John, B.E.	1949
McArthur, Donald Glen, B.A.	1963
McArthur, Malcolm Lawrence, B.A.	1955
McArthur, Rosemary Denise, M.B., B.S.	1964
McAskill, Ronald Fergus, B.E.	1939
Macaulay, Robert Wilson, B.A.	1903
McAuley, John Patrick, B.Ec.	1949
McAuley, Maxwell George, B.E.	1955
McAuliffe, David Jeremiah, M.B., B.S.	1954
McAuliffe, Rodney Francis, M.B., B.S.	1956
McAvaney, Bryant John, B.Sc.	1964
McBain, Neil Alan, B.Tech.	1962
Macbeth, Anna Maureen, B.Sc.	1943
Macbeth, Patricia Maeve, B.Sc.	1944
Macbeth, William Andrew Alexander Greer, M.B., B.S.	1953
McBratney, John, B.Tech.	1966
McBriar, Elizabeth Maud, M.Sc.	1963
McBride, Dorothy Evelyn, Mus.Bac.	1915
McBride, Glenorchy, B.Ag.Sc.	1951
McBride, Mavis Anne, B.A.	1950
McBride, Peter, B.E. (Interim B.Sc. (Eng.)), 1948, surrendered	1949
McBride, William John, B.Sc.	1898
McBryde, Frederick Balfour, LL.B. B.A.	1912 1920
McBryde, Ian Balfour, B.E.	1950
McCabe, Christopher John, B.A.	1966
McCall, Michael George, M.B., B.S.	1957
McCallum, Maurice Daniel, M.B., B.S.	1950
McCann, John Conleth, B.A.	1941
McCann, Ralph Newton, M.B., B.S.	1946
McCann, William James, M.B., B.S.	1946
McCarthy, Alan John, B.Tech.	1966
McCarthy, Brian Stephen, M.B., B.S.	1948
McCarthy, Brian William, B.E.	1959
McCarthy, Burnard, B.A.	1926
McCarthy, Doreen Franklin, B.A. B.Sc.	1931 1940
McCarthy, Ian Ellery, Ph.D. (B.Sc., 1952)	1956
McCarthy, Ian John, M.Sc. (B.Sc., 1951)	1954
McCarthy, John Patrick, B.Ec.	1965
McCarthy, Kenneth Ramsay, LL.B.	1957
McCarthy, Peter Justin, B.Med.Sc.	1964
McCarthy, Peter Paul, LL.B. B.A.	1924 1923
McCartney, James Elvins, M.D. (Edinburgh, 1922)	1953
McCaskill, Murray, Ph.D. (New Zealand, 1961)	1966
McCloughry, Claude Lancelot, B.E.	1926
McClure, James Barry Damian, B.Sc.	1964
McCluskey, Eileen Patricia, B.Sc.	1966
McConnon, James, B.A.	1925
McCormack, Donald Douglas, M.B., B.S.	1951
McCormick, Charles William Diehl, B.E.	1953
McCormac, Lesley Beryl, B.Sc.	1966
McCoy, Donald George, Ph.D. (B.Sc., 1960)	1967
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928
McCoy, William Taylor, M.B., B.S.	1956
McCredie, Andrew Dalgarno, Ph.D. (Hamburg, 1964)	1966
McCulloch, Ailsa, B.A.	1962
McCulloch, Airdrie Cathcart, B.Sc.	1965
McCulloch, Deborah Jane, B.A.	1960
McCulloch, Glen Anthony John, M.B., B.S.	1967
McCulloch, Karla Elizabeth, B.A.	1963
McCullough, Amy Margaret, B.A.	1942
McCurdy, Brian, B.A.	1960
McCusker, Charles Patrick, M.B., B.S.	1967
McDermid, Neil Harvey, B.A.	1962
McDermott, Kevin John, B.Tech.	1966
McDonagh, Oliver Ormond Gerard Michael, Ph.D. (Cambridge, 1952)	1964
McDonald, Bruce Alexander, B.D.S.	1951
McDonald, Colin Robert, B.Sc.	1949
McDonald, Donald Charles, B.Tech.	1960
McDonald, Donald Stuart, B.A.	1937
McDonald, Frances Mary, B.Sc.	1961
McDonald, Gavin James, B.Tech.	1967
*McDonald, Gilbert Sherman, B.A.	1930
McDonald, Heather Hunter, B.Sc.	1949
McDonald, Hugh Thomas, M.B., B.S.	1953
McDonald, John Anthony, B.Sc.	1960
McDonald, John Gregory, M.B., B.S.	1956
McDonald, John Hunter, B.A.	1934
Macdonald, Keith Alexander, LL.B.	1932
McDonald, Kenneth Duncan, B.Sc.	1951
MacDonald, Malcolm Ross, B.D.S.	1963
McDonald, Margaret Doreen, B.Sc.	1959
MacDonald, Neil George Alexander, B.Ag.Sc. B.Ec.	1965 1967
McDonald, Percy William, B.A.	1932
McDonald, Peter Baker, B.A.	1950
McDonald, Peter de Paul, B.D.S.	1953
McDonald, Peter James, M.B., B.S.	1967
McDonald, Robert, B.E.	1967
McDonald, Ross, LL.B.	1913
McDonnell, Desmond Leo, M.B., B.S.	1958
McDonnell, Eileen Mary, B.A.	1929
McDonnell, Ellen Mary, B.A.	1943
McDonnell, Ian Peter, LL.B.	1966
McDonnell, Thomas Peter, B.Sc.	1966
McDougall, Elisabeth, B.A.	1942
McDougall, Jennifer Mary, B.A.	1964
McDougall, John, B.E.	1943
McDowall, Barry Patrick, B.Sc.	1954
McDowall, James, B.A.	1966
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948
McEachern, Morven, B.D.S.	1927
McElhinney, John Neil, LL.B.	1967
McEiroy, Barrie Ivon, B.A.	1967
McEvoy, Aloysius John, B.A.	1937
McEvoy, Frances, B.Sc.	1952
McEwan, Lena Elizabeth, M.B., B.S.	1949
McEwen, William Alan, M.B., B.S.	1963
McEwin, Adrian Gardner, B.Sc.	1958
McEwin (nee Marshall), Betty Waddell, B.Sc.	1943
McEwin, John Neil, LL.B.	1928
McEwin, Keith, M.B., B.S.	1912
McEwin, Roderick Gardner, M.B., B.S.	1944
McFarlane, Alan, B.E.	1953
McFarlane, Anthony Roderic, B.Sc.	1965
McFarlane, Eileen Dorothea, B.A.	1943
McFarlane, John Preiss, LL.B.	1936
McFarlane, Peter William, B.A.	1967
McFarlane, Trevor Hector, LL.B.	1937
McFarlane, William Hector, B.Ag.Sc.	1942
McFeat, Richard Bruce, B.Sc.	1965
McGarry, Peter Donald, B.Tech.	1966
McGee, Colin Raymond, M.Sc. (B.Sc., 1953)	1963
McGee, John, LL.B.	1922
McGee, Skaidrite, B.A.	1959
Maghey, Mary Veta, M.A. (B.A., 1919)	1930
McGill, Ian Keith, M.A. (B.A., 1956)	1958
McGlashan, John Eric, M.B., B.S.	1909
McGlashan, John Gardner, M.B., B.S.	1942
McGlashan (nee Gardner), Mary Beatrice, B.A.	1909
McGlasson, William Barry, B.Ag.Sc.	1951
McGlew, Phyllis Dorothy, M.B., B.S.	1918
McGloughlin, Anthony William, B.Sc.	1965
McGorman, Jill, B.A.	1966
McGovern, Thomas Henry, LL.B.	1951
McGowan, Barry John, B.Ec.	1967
McGowan, Bruce William, B.Tech.	1962
McGowan, George Murray, B.A.	1938
McGowan, Janet Elaine, B.A.	1967
McGowan, Norman Leslie, B.E.	1950
McGowan, Ursula, B.A.	1965
McGowran, Brian, Ph.D. (B.Sc., 1957)	1963
McGowran, Myrie Irene, B.A.	1954
McGrath, Humphry Addison	1965
McGrath, Ivan Stanley, B.D.S.	1946
McGrath, James Patrick, B.A.	1955
McGrath, Kelvin Paul, B.Sc.	1950
McGrath, Paul Matthew, B.Tech.	1962
McGrath, Philip John, B.Sc.	1964
McGregor, Alan Gordon, LL.B.	1962
McGregor, Alasdair, LL.B.	1963
McGregor, Gordon Thompson, B.A.	1950
McGuire, Anthony, B.A.	1955
*Machell, John Edward Lewis, B.Sc.	1948
Machin, George Herbert, B.E.	1934
Machlin, Simon, M.B., B.S.	1952
McHugh, Edward Charles, LL.B.	1948

* Deceased

McHugh, Graham Albert Charles, B.Sc. - -	1961	Macklin, William Charles, M.Sc. (B.Sc.,	1958
B.Ec. - - - - -	1964	1952) - - - - -	1958
McInerney, Brian Thomas, B.Tech. - - -	1959	McLachlan, Ian Douglas, B.Ec. - - - -	1967
McInerney, Peter John, B.A. - - - - -	1967	McLachlan, Margaret Elizabeth, LL.B. -	1959
McInerney, Thomas John, B.Sc. - - - -	1949	McLarty, Gwendoline, M.B., B.S. - - -	1961
*McInerney, Thomas Taylor, LL.B. - - -	1939	McLarty, Thomas Leslie, M.D. (M.B., B.S.,	1947
McInnes, Douglas Bruce, B.E. - - - - -	1966	1935) - - - - -	1961
McInnes, Ian Donald, B.D.S. - - - - -	1957	McLarty, William, M.B., B.S. - - - - -	1961
McIntosh, Andrew Lochiel, B.E. - - - -	1962	McLaughlin, Eric Enstone, LL.B. - - -	1935
McIntosh, David Cameron, B.Tech. - - -	1965	*McLaughlin, Eugene, M.B., B.S. - - -	1922
McIntosh, Gerald Alexander, M.B., B.S. -	1944	McLaughlin, Ian Leonard, Ph.D. (B.Sc.,	1966
McIntosh, Howie James, B.E. - - - - -	1927	1960) - - - - -	1957
McIntosh, Ian, M.B., B.S. - - - - -	1964	McLaughlin, Moira Clare, B.Sc. - - - -	1953
McIntosh, Neil Adair, M.B., B.S. - - -	1963	McLay, Andrew Harold, B.A. - - - - -	1931
McIntosh, Ronald MacKenzie, M.B., B.S. -	1941	McLean, Albert Eric, M.A. (B.A., 1928)	1961
McIntyre, Robert Ian, B.Sc. - - - - -	1965	McLean, Alexander John, B.E. - - - - -	1927
B.E. - - - - -	1967	*McLean, Dorothy Alice, B.A. - - - - -	1952
McIntyre, Ruth Agnes, M.B., B.S. - - -	1967	McLean, Ian Weymouth, B.Sc. - - - - -	1960
McIvor, Lenore Claire, B.Sc. - - - - -	1966	McLean, Lancelot Henry Archibald, B.E. -	1949
Mack, Allan John, B.Tech. - - - - -	1964	McLean, Murray Colin, B.A. - - - - -	1932
Mack, Douglas Urban Gilbert, B.A. - - -	1940	McLean, Reginald Alexander, B.A. - - -	1951
Mack, Judith Betty, B.A. - - - - -	1966	McLean, Sibeley Jean, M.Sc. (B.Sc., 1945)	1956
McKail (nee Boyer), Gertrude Mary, B.A. -	1912	McLeay, Colin James, M.B., B.S. - - -	1965
Mackail, John William, LL.D. (Edinburgh)	1923	McLeay, Donald Alexander Ross, B.Arch. -	1947
Mackness, George Bellamy, M.B., B.S. -	1964	McLeay, Elizabeth Ann, B.A. - - - - -	1967
(Sydney, 1945) - - - - -	1964	McLeay, Helen Mary, B.A. - - - - -	1950
MacKay, Alexander Leslie Gordon, M.A. -	1924	McLennan, Heather Margaret, B.Sc. - - -	1967
(Sydney, 1924) - - - - -	1964	McLennan, Peter, B.Arch. - - - - -	1906
MacKay, Barry Vincent, B.Tech. - - - -	1961	McLennan, James Sydney Kilcoy, LL.B. -	1939
MacKay, Brian John, B.E. - - - - -	1966	McLeod, Allan John, B.Sc. - - - - -	1952
MacKay, Charles Anthony, LL.B. - - - -	1964	McLeod, Douglas Burton, LL.B. - - - -	1963
MacKay, David James, B.Sc. - - - - -	1927	McLeod, Janet Gertrude, B.A. - - - - -	1960
MacKay, Douglas Gordon, M.B., B.S. - - -	1967	McLeod, John Kenneth Allister, B.E. - -	1963
MacKay, Eleanor May, B.A. - - - - -	1961	McLeod, Peter John, B.Ec. - - - - -	1962
MacKay, Gordon Charles, M.B., B.S. - - -	1964	McLoughlin, Carmel, B.A. - - - - -	1967
MacKay, Heather Margaret, Mus.Bac - - -	1947	McLoughlin, Neville John, B.A. - - - -	1949
MacKay, Malcolm George, B.A. - - - - -	1936	McLoughlin, Vincent Patrick, B.A. - - -	1962
MacKay, Malcolm William, B.A. - - - - -	1938	McMahon, Francis, B.A. - - - - -	1951
MacKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	1949	McMahon, Francis Leslie, B.Ec. - - - -	1948
MacKay, Maureen Gordon, B.Sc. - - - -	1921	Macmahon, Brian Blackwell, B.E. (Interim	1967
MacKay, Ronald George MacAlpine, M.B.,	1937	B.Sc. (Eng.), 1947, surrendered)	1967
B.S. - - - - -	1924	McManus, John Bernard, M.Sc. (B.Sc.,	1967
Mackay, Samuel Angus, B.Sc. - - - - -	1926	1954) - - - - -	1944
Mackay, William Alfred, M.A. - - - - -	1965	McMaster, Lewis Charles, B.Ag.Sc. - - -	1950
McKechnie, Alan Francis Clark, B.E. - - -	1924	McMichael, Anthony John, M.B., B.S. - -	1962
McKechnie, Elizabeth Lawson, B.A. - - -	1926	McMichael, David Clunie, B.E. (Interim	1952
McKechnie, Jennifer Anne, B.Sc. - - - -	1965	B.Sc. (Eng.), 1942, surrendered)	1949
McKechnie, Kenneth Alexander, B.E. (In-	1948	McMichael, Kenneth Price, B.E. - - - -	1959
terim B.Sc. (Eng.), 1944, surrendered)	1967	McMillan, Barry Frederick, B.Ec. - - - -	1964
McKee, Stephen Kiffin, B.Sc. - - - - -	1965	McMillan, James William, M.B., B.S. - -	1949
McKee, William Dennis, B.Sc. - - - - -	1953	McMillan, Raymond, B.E. - - - - -	1949
McKellar, John Ralph, Ph.D. (B.Sc., 1956)	1949	McMillan, Stanley Lyall, B.Sc. - - - -	1959
McKelvie, Donald, B.Sc. - - - - -	1953	B.A. - - - - -	1935
McKenna, Donald George, M.B., B.S. - - -	1949	McMurtie, Alan Ian, B.A. - - - - -	1958
McKenna, Keith Patrick, M.B., B.S. - - -	1953	McMurtie, Ian Hugh, B.Sc. - - - - -	1966
McKenzie, Allister Roy, Ph.D. - - - - -	1967	McMurtie, Peter Roderick, M.B., B.S. -	1935
McKenzie, Donald Keith, M.B., B.S. - - -	1927	McMurtie, Winifred Joan, B.A. - - - -	1963
McKenzie, Euan Chisholm, Ph.D. (Birming-	1967	McNally, John Neilson, M.Sc. (B.Sc., 1953)	1961
ham, 1964) - - - - -	1964	McNally, Marie Carmel, B.A. - - - - -	1937
McKenzie, Helene Marie, B.A. - - - - -	1954	McNamara, Agnes, B.A. - - - - -	1967
McKenzie, Ian Andrew, B.D.S. - - - - -	1961	MacNamara, Frances Margaret, B.A. (Syd-	1967
McKenzie, Jenn, B.Sc. - - - - -	1965	ney, 1942) - - - - -	1918
McKenzie, John, LL.B. - - - - -	1946	McNamara, Robert Patrick, B.A. - - - -	1952
McKenzie, Malcolm, B.A. (Melbourne, 1957)	1958	McNeil, Ian (formerly John), M.B., B.S. -	1964
McKenzie, Mary, M.B., B.S. - - - - -	1958	McNeil, Philippa Florence, B.A. - - - -	1937
McKenzie, Reginald Murray, B.Tech. - - -	1953	McNeil, Roderick, B.Ec. - - - - -	1964
McKie, David Graham, B.A. - - - - -	1938	McNicol, David Williamson, B.A. - - - -	1964
Mackie, Dean Graham, M.B., B.S. - - - -	1964	McNicol, Donald, B.A. - - - - -	1953
McKie, Duncan, Mus.Bac. - - - - -	1966	McNicol, John Howard, B.Sc. - - - - -	1963
McKie, Ian William, B.A. - - - - -	1964	McNicol, Nicol Alexander, B.Ag.Sc. - - -	1964
Mackie, James Joseph, B.E. - - - - -	1953	Maconochie, John Richard, B.Sc. - - - -	1945
McKiggan, Ian Finlay, B.Sc. - - - - -	1964	McPharlin, Alison Tudor, B.A. - - - -	1961
McKinnon, Alan George, M.B., B.S. - - -	1964	McPharlin, Deane, B.Sc. - - - - -	1957
McKinnon, Bruce John, B.A. - - - - -	1933	McPharlin, Jeffrey, B.Tech. - - - - -	1957
McKinnon, Donald Campbell, M.B., B.S. -	1952	McPheat, Ian William, B.E. - - - - -	1959
McKinnon, George Clarence, B.Sc. - - - -	1951	McPheat, Leslie John, B.E. - - - - -	1960
McKinnon, Heather Campbell, B.A. - - -	1934	McPhee, Brian, B.Ec. - - - - -	1926
McKinnon, John Desmond, B.D.S. - - - -	1950	Macphee, Wendy Jean, B.A. - - - - -	1933
McKinnon, Robert Campbell, B.A. - - - -	1952	McPherson, Alexander Owen, B.Sc. - - -	1967
McKinnon, Robert Keith, B.E. - - - - -	1967	M.A. (B.A., 1931) - - - - -	1967
McKinnon, Ross Charles, M.B., B.S. - - -	1961	McPherson, Ian Charles, B.Ec. - - - -	1964
Mackintosh, Bertine Janet Cameron, M.B.,	1963	Macpherson, Janet Lees, B.Sc. - - - -	1962
B.S. (Aberdeen, 1947) - - - - -	1927	Macpherson, John Duncan, B.Tech. - - -	1965
McKirdy, David Malcolm, B.Sc. - - - - -	1934	McPherson, John Ian, B.Tech. - - - -	1951
McKittrick, Coral Yvonne, B.A. - - - - -	1965	McPherson, John Roger, B.A. - - - - -	1951
McKittrick, Ronald Brian, B.E. - - - - -	1967	McPherson, Margaret Helen, B.A. - - -	1947
Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	1967	McPherson, Mary, B.A. - - - - -	
Macklin, Laura Muriel Caterer, B.A. - - -	1934		

* Deceased

Macpherson, Reginald Murray, B.A.	1947	Major, David John, B.Tech.	1963
McPherson, Robert Keith, B.Arch.	1963	Major, John Thornton, B.Tech.	1962
Macpherson, Shirley Helen, B.A.	1945	Major, Robert Bradshaw, B.Sc.	1964
McPhie, Jean Elsbeth, B.Sc.	1945	Mak, Kai Tye, B.E.	1957
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957	*Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906
McQuade, Joseph Aloysius, M.B., B.S.	1956	Makris, Steve, B.Sc.	1967
McQueen, George Hugh, M.B., B.S. (Melbourne)	1947	Mallan, James Michael, B.D.S.	1927
McRae, Colin James, B.Tech.	1962	Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958
McRae, Donald Ian, B.E.	1966	Mallen, Sir Leonard Ross, M.B., B.S.	1925
McRae, Lindsay Jean, B.Sc.	1967	Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943
McRae, Robert Alexander, LL.B.	1964	Malone, Bruce Edward Frederick, B.Tech.	1959
McRae, Terence Michael, LL.B.	1962	Malone, Kathleen Mary, B.Ec.	1966
McRobert, Helen Angus, M.B., B.S.	1949	Maloney, Joan, B.A.	1951
MacSkimming, Walt Ronald Auscot, B.A.	1950	Maloney, Margaret Joan, B.Sc.	1962
McWaters, Ian Donald, B.Sc.	1963	Maloney, Martin James, B.E.	1928
McWhae, Douglas Hope, M.B., B.S.	1945	Maloney, Vernon Thomas Steven, B.Sc.	1929
Maddeford, Sheila Lamont, LL.B.	1927	Manap, Abdul bin Ahmad, B.Sc.	1963
Madden, Cecil Pomeroy, B.D.S.	1951	Mander, Lewis Norman, Ph.D. (Sydney, 1965)	1967
Maddern, John Pearce, M.S. (M.B., B.S., 1948)	1966	*Mander, Linden Alfred, M.A. (B.A., 1917)	1920
*Maddern, Martin Randall Foss, B.A.	1937	Mander, Suzanne Flora, B.Sc.	1949
Maddern, Max Wilfred, B.Sc.	1953	Manea, Ernest Cosmo, M.B., B.S.	1949
M.B., B.S.	1960	Manea, Spero, M.B., B.S.	1952
Maddern, Robert Henry, B.Ag.Sc.	1967	Manassis, Peter Christopher, M.B., B.S.	1952
Maddison, Brian Joseph, B.Sc.	1967	Mangan, John Arthur, LL.B.	1957
Mader, Merryl Kay, B.Sc.	1963	Manhood, Cleve Charles, B.A.	1962
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	Manifold, John Mander, B.Ec.	1967
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	Mann, Airdrie Jean, B.A.	1958
Madigan, David Cecil, B.Sc.	1937	Mann, Edward Thomas, B.E.	1953
Madigan, Dorothy Honora, B.A.	1962	Mann, Gertrude Irene, B.A.	1919
Madigan, James Francis, B.E.	1952	Mann, William Eric, M.B., B.S.	1958
Madigan, Michael Roebourne, M.B., B.S.	1952	Mannam, John, Ph.D. (Birmingham, 1955)	1960
B.Sc.	1953	Mannes, Sylvester Joseph, B.A.	1938
Madigan, Paul Edward, LL.B.	1922	Mannik, Ado, B.A.	1956
Madigan, Russel Tullie, M.E.	1957	Manning, Kathleen Anne, M.B., B.S.	1958
LL.B.	1960	Manoel, Eva Mary, B.A.	1938
Madison, Thomas Glover, M.B., B.S.	1946	Manoel, Peter James, B.E.	1967
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	Manos, Michael Stanley, B.Tech.	1967
D.Sc.	1907	Manos, Nick Stan, LL.B.	1962
Maegraith, Brian Gilmore, M.B., B.S.	1930	Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949)	1960
Maelzer, Derek Alan, Ph.D.	1958	Manser, William Lloyd, B.A.	1962
Maerschel, Barbara, B.A.	1951	Mansfield, Eric William, B.E.	1950
Maerschel, Richard John, B.Sc.	1965	Mansfield, Joseph John, M.B., B.S.	1962
Magarey, Alexander Roy, M.B., B.S.	1941	Mansfield, Peter Geoffrey, B.Sc.	1967
*Magarey, Ashley Henderson, LL.B.	1938	Mansfield, Richard Charles, B.A.	1966
M.B., B.S.	1940	Mansfield, William Walladge, B.Sc.	1943
Magarey, Brian Attwill, LL.B.	1948	Manson, James Ian, M.B., B.S.	1953
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	Manson, Jillian Mary, B.A.	1960
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Manthey, Peter William, B.Tech.	1964
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	Manthorpe, Thomas Dion, M.B., B.S.	1951
Magarey, Katherine Ashley, B.Sc.	1949	Manuel, Deane James Hubert, B.Ec.	1950
Magarey, Kathleen de Brett, B.A.	1921	B.A.	1959
B.Sc.	1932	Manuel, James Douglas, B.A.	1944
Magarey, Kevin Barry, B.A.	1950	Manuel, Josephine Gertrude Kamala, M.B., B.S.	1960
Magarey, Paul Robertson, B.E.	1952	Manuel, Peter James, B.A.	1966
Magarey, Robert Richmond, M.B., B.S.	1951	March, Neil Carter, B.Tech.	1962
*Magarey, Rupert Eric, M.B., B.S.	1904	Marcus, Eva Bessie, Mus.Bac.	1960
Magarey, Susan Margaret, B.A.	1965	B.A.	1961
Magasdi, Creston Ivan, M.B., B.S.	1962	Marcus, Irving, M.B., B.S.	1951
Magor, Clifford James, M.A. (B.A., 1927)	1932	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
Magor, Irvine Frank, B.A.	1938	Marinkovich, Nevin John, M.B., B.S.	1958
Magor, Margaret Elizabeth, B.A.	1955	Marinos, Nicos George, Ph.D.	1958
Magor, Roger James, B.Sc.	1966	Marinov, Nevena, B.D.S.	1962
Magor, Ruth Errington, B.A.	1965	Markandoo, Jegatheeswary, M.B., B.S.	1967
Magor, William Alwyn Roy, B.A.	1963	Marker, William Herman, B.E.	1949
Maguire, Catherine Rose, B.A.	1965	Markey, Gregory Barton, M.B., B.S.	1953
Maguire, John Charles, B.A.	1941	Markham, Neville Lawrence, B.Sc.	1952
Maguire, Maurice Glen, M.B., B.S.	1953	Marks, Donald Adrian, B.Ec.	1962
Magzoub, Mohammed Ahmed, M.Sc.	1964	Marks, Bernadette Joan, B.Sc.	1960
Mahar, Alan Dalton, B.A.	1966	Marks, Joseph Anthony, B.Ec.	1967
Maher, John George, LL.B.	1958	Marks, Monica Mary, B.A.	1956
Mai, François Marie Martin, M.B., B.S. (M.B., Ch.B., Capetown, 1957)	1965	Marks, Patricia Jean, B.A.	1966
Maiden, Leslie Carrington, B.D.S.	1924	Marlow, Alfred Dudley Roy, B.Sc.	1938
Maidment, Sydney Gordon, LL.B.	1962	Marlow, Christopher Roy, B.Sc.	1965
Main, Arthur Charles, B.E.	1926	Marlow, Geoffrey O'Halloran, B.E.	1965
Main, James Millar, B.A. (Melbourne, 1944)	1966	Marlow, Robert Buxton, B.Sc.	1966
Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959	Marmion, Robert James, B.Sc.	1918
Mair, Robert Ian, B.Sc.	1964	Maros, Michael, B.Arch.	1966
Maitland, Ian Boyd Gibb, B.E.	1963	Marrett, Robin Allan, B.E.	1963
Maitland, James Angus, LL.B.	1932	Marriage, Allan John, M.Sc.	1965
Major, Anthony Douglas, B.Sc.	1967	Marriner, Frank Wilfred, B.Sc.	1949
		Marriott, John Edward, B.D.S.	1951
		Marriott, Kenneth Bruce, B.A.	1967
		Marriott, Peter Frederick, M.B., B.S.	1965

* Deceased

Marriott, Valmai Dawn, B.A.	1959	Marzo, Leo Alfred, M.B., B.S.	1957
Marsden, Julia Meredith, B.A.	1965	Marzola, Mario, M.B., B.S.	1967
Marsh, Charles William, B.E.	1950	Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947
Marsh, John Albert, B.Sc.	1952	Mashford, Maurice Laurence, M.B., B.S. (Sydney, 1953)	1964
Marsh, Judith Irene, B.Sc.	1958	Maslakai, Katrina, B.A.	1967
Marsh, William Clarence, B.A.	1966	Maslen, Grant Lewis, B.E.	1955
Marshall, Allan George, B.Tech.	1959	Mason, Bruce, B.Sc.	1938
Marshall, Annie, M.Sc. (Melbourne, 1930)	1954	Mason, Edith Kathleen Lillian, B.Sc.	1959
Marshall, Ashley, LL.B.	1965	Mason, Edward John Thomas, B.Sc.	1960
Marshall, David John, M.B., B.S.	1965	Mason, Ian Bruce, B.Sc.	1962
Marshall, Glenda, B.A.	1967	Mason, Malcolm Geoffrey, B.Sc.	1965
Marshall, Herbert Edmund, B.A.	1940	Mason, Neil, B.A.	1965
Marshall, Janette Ruth Watson, M.B., B.S.	1953	Mason, Robert Claud, B.Sc.	1951
Marshall, Jennifer Ann, B.Sc.	1963	Massey-Westrop, Ralph Alan, Ph.D. (Manchester, 1958)	1962
Marshall, John, LL.B.	1962	Masters, Bernard Lincoln, B.A.	1959
Marshall, Keith Douglas, LL.B.	1965	Masters, Marjorie, B.A.	1945
Marshall, Lyle Gordon, B.E.	1956	Masters, Ross Lincoln, B.Sc.	1924
Marshall, Marilyn Gray, B.A.	1965	Materne, Desmond Eric, B.A.	1956
Marshall, Nicholas James, B.Sc.	1961	Materne, Maurice Ernest, M.B., B.S.	1956
Marshall, Robert James, B.A.	1966	Materne (nee Kohlhausen), Myra Audrey, B.Sc.	1955
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929)	1933	Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942)	1944
M.A.G.Sc.	1933	Mathers, Roger Barry, B.Sc.	1966
Marshall, Willis Raymond, M.B., B.S.	1965	Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Marshall, William Edward, B.A.	1967	Matheson, Pamela, B.Sc.	1949
Marshman, Ashley Mead, B.A.	1936	Matheson, Roderick Grant, LL.B.	1952
Marshman, Wesley Melvyn Tiller, B.D.S.	1924	B.A.	1953
Marston, Colin Frederick, B.E.	1951	Matheson, William Edmund, B.Ag.Sc.	1952
*Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959	Mathews, Coran Grant, B.E.	1965
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913	Mathews, David Stanley, B.Sc.	1938
Martens, Judith Suzanne, B.Sc.	1964	B.A.	1940
Martin, Alfred Irwin, B.E.	1928	Mathews, John Hugh, B.Sc.	1962
Martin, Alfred William, B.A.	1950	Mathews, Kenneth Elliott, B.E.	1953
Martin, Allan Richard, B.Tech.	1966	Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950)	1953
Martin, Allan William, Ph.D. (A.N.U., 1956)	1965	Mathias, Brian Morgan, B.E.	1952
Martin, Amalia Anna, B.A.	1930	Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950)	1954
Martin, Arthur Bruce, M.B., B.S.	1956	Mathison, Murray John, B.Ag.Sc.	1960
Martin, Barry Wayne, B.Tech.	1961	Matingal, Boniface Poinon, B.A.	1966
Martin, Bernice Wilma, B.A.	1945	Matson, David Michael, M.B., B.S.	1966
Martin, Beryl Claire, B.A.	1952	Matousek, Vladislav, M.B., B.S.	1961
Martin, Bruce Bamford, B.Sc.	1957	Matters, Horace John, B.A.	1950
M.B., B.S.	1963	Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929
Martin, Bruce Peter, B.E.	1954	M.S.	1935
Martin, Charles Burton, B.A. (Boston, 1948)	1954	Matthew, Evelyn Maime, B.Sc.	1957
Martin, Sir Charles James, D.Sc. (London, 1896)	1931	Matthew, Ian George, Ph.D. (B.E., 1956)	1960
Martin, David Elwes, B.E.	1947	B.Sc.	1954
Martin, David Montgomerie, B.Sc. (Eng.)	1945	Matthew, Peter Wayne, B.E.	1966
Martin, David Keith, B.Sc.	1962	Matthews, Brian Wesley, Ph.D. (B.Sc., 1959)	1964
Martin, Donald Leslie, B.E.	1956	Matthews, Donald Graham, B.Sc.	1967
Martin, Frederick Clarence, M.A. (B.A., 1927)	1932	Matthews, Harold Pfaum, B.E.	1927
Martin, George Stanley, B.A.	1966	Matthews, Lindsay Valentine, B.Ag.Sc.	1966
Martin, Graeme Lewis, B.E.	1963	Matthews, Maurice John, M.B., B.S.	1944
Martin, Helene Alice, M.Sc. (B.Sc., 1954)	1961	Matthews, Richard Clive, M.B., B.S.	1963
Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952	Matthews, Richard Trahair, B.A.	1941
Martin, Ian Scott, B.Ec.	1962	Matthews, Robert Stephen, B.Sc.	1948
Martin, Jeanne Mary, B.A.	1953	Matthews, Terry Alan, B.Sc.	1964
Martin, Jennifer Anne, B.A.	1967	Mattingley, Brian John, B.A. (Tasmania, 1937)	1938
Martin, John Claude, LL.B.	1905	Mattinson, William Edward John, B.E.	1963
Martin, John Gerald, B.E.	1955	Mattiske, David Donald, B.E.	1961
Martin, John Ralph, M.B., B.S.	1965	Mattner, Aubrey Laurence, B.Sc.	1962
Martin, John Trevor, M.B., B.S.	1962	Mattner, Charles Prince, M.B., B.S.	1960
Martin, John William, B.A.	1964	Mattner, Ivy Ida, B.A.	1948
Martin, Kathleen Frances, B.A.	1965	Mattner, Philip Edward, B.Ag.Sc.	1949
Martin, Keith George, B.Sc.	1952	Mattner, Richard Hocking, B.E.	1952
Martin, Sir Leslie Harold, C.B.E., D.Sc. (Australian National University, 1951)	1967	Mattschoss, Dennis Eugene, B.Ec.	1964
Martin, Leslie James, B.Ec.	1960	Matulich, Ross Noel, LL.B.	1950
Martin, Leslie Meredith, B.A.	1961	Matz, Leonard Raymond, M.B., B.S.	1958
Martin, Lincoln William, M.B., B.S.	1931	Mauger, Alan Harris, M.B., B.S.	1955
Martin, Lynette Ruth, B.Sc.	1967	Mawby, Olga Gates, B.A.	1922
Martin, Maurice Leon, B.Sc.	1945	Mawson, Jessica Quita, B.Sc.	1939
B.A.	1954	Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936)	1938
Martin, Melville, B.Ec.	1961	Maxwell, George Morrison, M.D. (Edinburgh, 1954)	1960
Martin, Michael Rex, M.B., B.S.	1963	Maxwell, John Roslyn, M.B., B.S.	1965
Martin, Patrick Lawrence, B.D.S.	1954	May, Brian Kenneth, B.Sc.	1966
Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	1957	May, Dorothy Mary, B.A.	1938
Martin, Ralph Keith, B.A.	1947	May, Elizabeth Ann, B.Sc.	1962
Martin, Stanley Bamford, M.B., B.S.	1946	May, Ernest John, B.A.	1961
Martin, Terence Edwin, B.Sc.	1962	May, Geoffrey Ernest, B.Ec.	1957
Martin, Trevor Wallis, B.D.S.	1950		
Martin, Ursula Glennis, B.A.	1967		
Martin, Walter Raymond, B.A.	1938		
*Martin, William Thomas, B.A.	1914		
Martinkus, Sigitas, M.B., B.S.	1961		

* Deceased

May, James Richard, B.E. - - - - -	1958	Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1947
May, John Arthur, B.Sc. - - - - -	1964	Mercer, Donald James, B.E. - - - - -	1957
May, John Colwyn, M.B., B.S. - - - - -	1958	Mercer, Edgar Howard, D.Sc. (B.Sc., 1935) - - - - -	1960
May, John Trevor, B.Sc. - - - - -	1967	Mercer, Frank Verdun, B.Sc. - - - - -	1942
May, John Wilhelm, M.Sc. (B.Sc., 1952) - - - - -	1956	Merchant, David John, Mus.Bac. - - - - -	1959
May, Kevin Ronald, B.E. - - - - -	1962	Meredith, Peter, M.A. (Oxford, 1953) - - - - -	1963
*May, Lancelot Harris, B.Sc. - - - - -	1949	Merity, John Patrick, LL.B. - - - - -	1952
May, Leonard Seymour, B.Sc. - - - - -	1926	Merrett, James Laurence, B.Sc. - - - - -	1949
May, Robert Leonard, B.Sc. - - - - -	1966	Mertin, Jack Victor, B.Ag.Sc. - - - - -	1944
May, Rolland George, Mus.Bac. - - - - -	1939	Messel, Harry, Ph.D. (National University, Ireland) - - - - -	1952
May, William James, B.A. - - - - -	1965	Messenger, Malcolm James, Ph.D. (B.E., 1960) - - - - -	1966
Mayer, Rolph William, B.A. - - - - -	1964	Messent, Esther Mary, B.A. - - - - -	1928
Mayfield, Brenton John, B.Tech. - - - - -	1961	Messent, Keith Santo, B.E. - - - - -	1920
Mayfield, John Maxwell, B.Sc. - - - - -	1958	Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918) - - - - -	1929
Mayfield, Philip, B.A. - - - - -	1959	Messent, Philip William Santo, M.B., B.S. - - - - -	1954
Mayfield, Robert John, B.Sc. - - - - -	1965	Messner, Gwenda Mary, B.A. - - - - -	1965
Mayman, Judith Leslie, B.A. - - - - -	1965	Mestrov, Thomas John, M.B., B.S. - - - - -	1959
Maynard, Donald Archer Scott, B.Sc. - - - - -	1938	Mestrov, Francis, B.E. - - - - -	1963
Maynard, B.A. - - - - -	1945	Metcalfe, Heather Joy, B.A. - - - - -	1967
Maynard, Robert Keith, B.Sc. - - - - -	1961	Metchnik, Victor Ivor, Ph.D. - - - - -	1963
Mayne, Alan John, B.E. - - - - -	1967	Metra, Ieva, M.B., B.S. - - - - -	1966
Mayne, Frederick, Ph.D. (Witwatersrand, 1961) - - - - -	1962	Mewett, Darryl Richard, B.Tech. - - - - -	1965
Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - - -	1937	Meyer, Carl Hugh Alexander, B.Med.Sc. - - - - -	1963
Mayo, Clarice Elton, B.A. - - - - -	1935	M.B., B.S. - - - - -	1966
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945) - - - - -	1957	Meyer, Heinrich Carl, B.Sc. - - - - -	1932
*Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - - - -	1926	Meyer, Richard Leo, B.A. - - - - -	1953
Mayo, Sir Herbert, LL.B. - - - - -	1909	Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953) - - - - -	1957
Mayo, John, B.A. - - - - -	1963	Michael, Maxwell Roy, B.E. - - - - -	1951
*Mayo, Mary Penelope, M.A. - - - - -	1937	Michael, Peter William, Ph.D. (B.Ag.Sc., 1951) - - - - -	1959
Mayo, Oliver, B.Sc. - - - - -	1964	Michell, Charles Francis, M.B., B.S. - - - - -	1921
Maziliauskas, Victoria Aldona, B.A. - - - - -	1967	Michell, Meredith June, B.A. - - - - -	1958
Mazzei, Michael David, B.Tech. - - - - -	1966	Michell, Mignon Norma Howard, B.A. - - - - -	1944
Mead, Anthony Irwin, M.B., B.S. - - - - -	1964	Michelmores, Christopher John, B.E. - - - - -	1964
Mead, Dorothy, B.A. - - - - -	1927	Michelmores, Walter Maxfield, B.Sc. - - - - -	1941
Mead, John William, B.Ec. - - - - -	1950	Mickan, Bruce Valentine, B.Ec. - - - - -	1959
Mead, Marjory, B.A. - - - - -	1933	Mickan, Erwin Laurence, B.Sc. - - - - -	1956
Mead, Peter Robert, B.Tech. - - - - -	1962	Mickan, John Herbert, M.B., B.S. - - - - -	1952
Meadows, Arthur Wilkes, Ph.D. (London, 1951) - - - - -	1955	Middenway, Ralph, B.A. (Sydney, 1958) - - - - -	1966
Meaker, Arthur Reginald, B.A. - - - - -	1940	Middleton, Melville John William, B.A. - - - - -	1941
Meakin, Christopher Paul, B.Sc. - - - - -	1965	Middleton, William Thomas Steele, B.Sc. - - - - -	1947
Meaney, Maxwell Francis, B.Sc. - - - - -	1950	Mierisch, Robert Johnstone, M.E. (B.E., 1954) - - - - -	1957
Meaney, Neville Kingsley, M.A. (B.A., 1955) - - - - -	1956	*Miethke, Adelaide Laetitia, B.A. - - - - -	1924
Meaney, Robert Francis, B.Sc. - - - - -	1967	Mihailovitch, Mira, B.A. - - - - -	1962
Measday, Ellen May, B.A. - - - - -	1940	Mikuzis, Aldona, M.B., B.S. - - - - -	1966
Measday, Jack William, B.E. - - - - -	1948	Mikuzis, Jonas, M.B., B.S. - - - - -	1954
B.Ec. - - - - -	1962	Milazzo, Clare Cecelia, B.A. - - - - -	1952
Meathrel, Graham Richard, B.Tech. - - - - -	1965	Milazzo, Stephen Charles, M.B., B.S. - - - - -	1949
Medianik Mykola Boris, M.B., B.S. - - - - -	1962	Milbank, Ian Richard, B.A. - - - - -	1965
Medlin, Brian Herbert, B.A. - - - - -	1959	Milburn, Elizabeth Mary, B.A. - - - - -	1964
Medlin, Edwin Harry, Ph.D. (B.Sc., 1949) - - - - -	1956	Mildren, Dean, B.A. - - - - -	1966
Medlin, Graham Courtney, B.Sc. - - - - -	1963	LL.B. - - - - -	1966
Medlow, David, B.Sc. (Eng.) - - - - -	1944	Mildren, Joy Marlene, B.Sc. - - - - -	1963
Medway, Jennifer Jill, B.A. - - - - -	1967	Mildren, Mary Louise, B.A. - - - - -	1955
Medwell, John Gordon, B.A. - - - - -	1952	Mildren, Michael John, B.E. - - - - -	1959
Meiers, John Maurus, B.A. - - - - -	1937	Milencewicz, Witalius, M.B., B.S. - - - - -	1959
Meija, Juris Sigurds, B.E. - - - - -	1962	Miles, John Arthur Reginald, M.D. (Cambridge, 1951) - - - - -	1953
Melbourne, Henry Eoin Sydney, B.E. - - - - -	1920	Miles, Peter Leslie, B.Sc. - - - - -	1967
Melbourne, John Clifford, B.E. - - - - -	1952	Miles, Peter Wallace, Ph.D. (Cambridge, 1957) - - - - -	1959
Melbourne, John Dugald, B.E. - - - - -	1964	Miles, Perry Ambrose, M.Sc. (B.Sc., 1949) - - - - -	1951
Melbourne, William Henry John, B.A. - - - - -	1949	Milesi, Angelo John, B.Sc. - - - - -	1927
Meldrum, Brian Reginald, M.B., B.S. - - - - -	1953	Mill, James Crowe Davidson, M.B., B.S. - - - - -	1953
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - - -	1925	Millar, Robert Malcolm, B.Tech. - - - - -	1967
Melhuish, Jillian Kay, B.Sc. - - - - -	1966	Millard, Colin, B.Ec. - - - - -	1950
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge) - - - - -	1951	Millard, Diane Lesley, B.Sc. - - - - -	1963
Mellor, Geoffrey Lloyd, M.B., B.S. - - - - -	1947	Millard, Susan Helen, B.Sc. - - - - -	1963
Mellows, Peter Ernest, M.B., B.S. - - - - -	1947	Miller, Annie Rose, B.A. - - - - -	1934
Mellowship, John Haslet, B.A. - - - - -	1961	Miller, Beryl Jessica, B.A. (Tasmania-1923) - - - - -	1924
Melville, Caroline, B.A. - - - - -	1967	Miller, Colin David John, B.Med.Sc. - - - - -	1961
Melville, James, Ph.D. (London, 1934) - - - - -	1956	M.B., B.S. - - - - -	1963
Melville, John Howard, LL.B. - - - - -	1959	Miller, Crystal, B.Sc. - - - - -	1966
Melville, Susan, B.A. - - - - -	1963	Miller, David Ross, Ph.D. (Melbourne, 1958) - - - - -	1967
Melvin, Geoffrey Ronald, M.B., B.S. - - - - -	1954	Miller, Edward Paul, B.E. - - - - -	1964
Melvin, Maxwell Victor, B.A. - - - - -	1958	Miller, Ian Charles, M.B., B.S. - - - - -	1958
Menadue, John Laurence, B.Ec. - - - - -	1956	Miller, Ian Lindemann, M.B., B.S. - - - - -	1938
Mencel, Anton Joseph, B.Tech. - - - - -	1964	Miller, Ian Robert Wyndham, B.Arch. - - - - -	1965
Meneer, Ira, B.A. - - - - -	1927	Miller, James William Haigh, B.Ec. - - - - -	1960
B.Ec. - - - - -	1955	Miller, John Keetley, M.B., B.S. - - - - -	1955
Mencar, Yvonne, M.B., B.S. - - - - -	1957	Miller, John Milton, M.B., B.S. - - - - -	1957
Menz, Emmi Margaret, B.A. - - - - -	1932	Miller, John Stephen Corfield, M.A. (Cambridge, 1942) - - - - -	1963
Menz, Trevor Howard, B.Tech. - - - - -	1966		
Menz, William John, B.Ec. - - - - -	1948		
Menzies, The Rt. Hon. Robert Gordon, C.H., Q.C., M.P., LL.D. (Melbourne) - - - - -	1961		

* Deceased

Miller, Joseph Brendan, B.E.	1951
Miller, Justin Herbert, M.B., B.S.	1954
*Miller, Leslie Gordon, M.B., B.S.	1949
Miller, Malcolm William, M.B., B.S.	1932
Miller, Margaret Rose, B.D.S.	1966
Miller, Margaret Una, B.A.	1928
Miller, Michael Joseph, B.E.	1961
Miller, Peter Beresford, B.Ec.	1964
Miller, Peter Geoffrey, B.Sc.	1952
Miller, Raymond Orlando Maurice, B.A.	1905
Miller, Robert Lionel, B.Sc.	1942
M.B., B.S.	1947
Miller, Roderick Stuart, B.D.S.	1961
Miller, Robert John, B.A.	1966
Miller, Roland John, B.E.	1961
Miller, Thomas William, B.Tech.	1960
Miller, Victor John, B.E.	1952
Millerd, Alison Adele, Ph.D. (Sydney, 1953)	1959
Millican, Elizabeth Joan, B.A.	1967
Millhouse, Grace Mary, LL.B.	1960
Millhouse, Glenn, B.D.S.	1948
Millhouse, Peter Leslie, M.B., B.S.	1961
Millhouse, Robin Rhodes, LL.B.	1951
*Millhouse, Vivian Rhodes, LL.B.	1939
Milligan, Brian, Ph.D. (B.Sc., 1952)	1956
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951)	1958
Mills, Barbara Joyce, B.A.	1938
Mills, Bernard Jeffrey, B.Ec.	1962
Mills, Bessie Heather, B.A.	1952
Mills, Brian Charles, B.Tech.	1964
Mills, Colin George, M.B., B.S.	1965
Mills, Desmond Alfred, B.Sc.	1967
Mills, Dorothy Nell, B.A.	1928
Mills, Elliott Whitfield, LL.B.	1962
Mills, Eric Baxter, B.E.	1929
Mills, Graham Alan, B.Sc.	1967
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944
Mills, John Brabyn, B.Sc.	1936
Mills, John Murray, B.A.	1952
Mills, John Scott, B.E.	1955
B.A.	1963
Mills, Kenneth William, B.Sc.	1962
Mills, Kingsley John, Ph.D. (B.Sc., 1959)	1966
Mills, Richard Andrew, B.Sc.	1962
Mills, Richard Graham John, B.Sc.	1961
Milne, Annie Johnson, B.A.	1936
Milne, Anthony John, M.B., B.S.	1961
Milne, Geoffrey Maxwell, B.Sc.	1963
Milne, Ian Rodger, B.Ec.	1967
Milne, Kenneth Harvey, B.E.	1925
Milne, Kenneth James, B.Sc.	1964
Milne, Kevin Fowler, M.B., B.S.	1951
Milne, Malcolm Roger, B.Tech.	1965
Milne, Margaret Dove, B.Sc.	1964
Milne, Peter Ritchie, B.Sc.	1966
Milner, Bryan John, B.Sc.	1959
Milner, Desmond Walter, B.E.	1936
Milner, Gordon John, B.E.	1967
Milnes, Anthony Richard, B.Sc.	1967
Milton, Bernard Eric, M.Sc. (B.Sc., 1954)	1959
Milton, Gerald White, M.B., B.S.	1947
Milton, Henry Richard, B.E.	1958
Mincham, Josephine Claire, B.Sc.	1965
Mincham, Julian Hans, B.A.	1962
Mus.Bac.	1964
Mimhan, Agnes Cecelia, M.A. (B.A., 1927)	1933
Minkiewicz, Irene Anna, B.D.S.	1962
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
Misson, Patrick William, M.B., B.S.	1956
Mitchell, Adrian Christopher William, B.A.	1962
Mitchell, Alan, B.E.	1964
Mitchell, Alan Edward, M.A., (New Zealand, 1940)	1966
Mitchell, Albert Leonard, B.A.	1956
Mitchell, Betty Dawn, B.A.	1947
Mitchell, David Gary Stuart, B.A.	1967
Mitchell, David Stuart, B.Sc.	1966
Mitchell, Donald Thomas, B.E.	1930
Mitchell, Frank Wyndham, B.Sc.	1927
B.A.	1933
M.A. (Ph.D., London, 1937)	1943
Mitchell, Geoffrey Bentley, B.Ec.	1966
Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947)	1951
Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924)	1932
Mitchell, Helen Margaret, B.Sc.	1952
Mitchell, Ian Vaughan, B.Sc.	1959
Mitchell, John Turnbull, B.Ec.	1953
Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Mitchell, Margaret Elspeth, B.Sc.	1961
Mitchell, Marilyn Joy, B.A.	1965
Mitchell, Sir Mark Ledingham, B.Sc.	1923
Mitchell, Noel John, M.B., B.S.	1956
Mitchell, Percival Harris, B.A.	1906
Mitchell, Peter, Ph.D. (B.Sc., 1959)	1966
Mitchell, Peter Ranald, M.B., B.S.	1963
Mitchell, Robert John, B.Sc.	1960
Mitchell, Roma Flinders, LL.B.	1934
Mitchell, Susan Jean, B.A.	1967
Mitchell, Terrence John, B.A.	1957
Mitchell, Thomas Oliver, B.Ag.Sc.	1933
*Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895
Mitchell, William Robert, B.E.	1950
B.Ec.	1966
Mitchell, William Russell, B.E.	1948
Mitchell, Zonne Marion, B.A.	1956
Mitt, Hugo, M.E. (B.E., 1955)	1962
Mittiga, Tommaso Michele Archangelo, M.B., B.S.	1967
Mitton, Jennifer Jean, B.A.	1956
Mitton, Madge Winifred, B.A.	1963
Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926)	1928
Mizon, Errol Alfred, B.Sc.	1948
Moffat, Dorothy Joan, B.A.	1944
Moffat, May Josephine, M.B., B.S.	1911
Moffatt, Betty Josephine Margaret Douglas, B.A.	1946
LL.B.	1947
Moffatt, Cathie Douglas, M.B., B.S.	1953
Moffatt, Graeme Gilbert, M.Ec. (B.Ec., 1957)	1960
Moffatt, Jeannie May Douglas, M.B., B.S.	1953
Moffatt, Kevin Robert, B.E.	1965
Moffatt, Michael James, B.E.	1962
Moffitt, Richard Barry, B.E.	1952
Mofflin, Lionel Hugh, M.B., B.S.	1948
Moh, Hak Serh, B.E.	1965
Mohan, Patricia Anne, B.A.	1966
Mohr, Robert Finey, LL.B.	1953
Mohyla, Jury, B.Tech.	1967
Moir, John Edward, B.Sc.	1966
Molhuysen, Philipp Christiaan, M.Ec.	1966
Molineux, Marion Ruth, B.A.	1954
Molineux, Ronald Eugene, B.E.	1947
Moller, William John, M.Ag.Sc. (B.Ag.Sc., 1959)	1965
Mollison, Brenton Graham, M.B., B.S.	1961
Molloy, Raymond Brian, B.A.	1950
Monckton, Basil Robert, M.E.	1964
*Moncrieff, Josephine Hartley, B.A.	1911
Moncrieff, Mary Kathleen, B.A.	1910
Moncrieff, Rostrevor Brooke, M.B., B.S.	1952
Monfries, John William Elliott, B.D.S.	1924
Mongau, Horace John, B.E.	1918
Monro, John Malcolm, Ph.D.	1959
Montgomery, Albert, M.B., B.S.	1955
Montgomery, Albert, B.Tech.	1966
Montgomery, George Francis, B.Tech.	1964
Montgomery, Malcolm George, LL.B.	1962
Moodie, Colin Troup, LL.B.	1934
Moodie, Robert Beresford, LL.B.	1931
Moody, Brian John, B.Ec.	1967
Moody, Denis Edmund, B.Tech.	1966
Moody, John Masson, B.Ec.	1966
Moody, Keith, B.Sc.	1964
Moody, Robin Charles, B.A.	1967
Moorcroft, Edward, B.Sc.	1959
Moore, Alan Walter, B.Ag.Sc.	1948
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926
Moore, Brian Reading, M.B., B.S.	1965
Moore, Brian William, B.Sc.	1961
Moore, Cecily Anne, B.A.	1954
Moore, Colin Eugene, M.B., B.S.	1959
Moore, Donald Rex, B.Sc.	1922
Moore, Elizabeth Douglass, B.A.	1963
*Moore, George Douglas, B.Sc.	1904

* Deceased

Moore, Grahame John, B.D.S.	1965
Moore, Harold Robinson, M.B., B.S.	1945
Moore, Humphrey Owen, B.Sc.	1932
Moore, John Lewis, M.B., B.S.	1957
Moore, Jon Reading, B.Tech.	1962
Moore, Kevin Reading, B.D.S.	1951
Moore, Kevin Terance, B.Tech.	1960
Moore, Max Clifford, M.B., B.S.	1946
Moore, Murray Ira, B.E.	1958
Moore, Phillip James, LL.B.	1960
Moore, Phyllis Mary, B.A.	1909
Moore, Robert Brian, B.Sc.	1950
Moore, Robert Clifton, B.A.	1956
Moore, Robert Walters, M.Ag.Sc. (B.Ag.Sc., 1957)	1966
Moore, Roberta Frances Leah, M.B., B.S.	1962
Moore, Thomas Owen, B.App.Sc.	1967
Moore, John Robert, B.Sc.	1960
Morad, Ahmad Bin, M.B., B.S.	1954
Morgan, Dennis Charles, M.B., B.S.	1967
Moran, Francis Brian, LL.B.	1948
Moran, John Francis, B.D.S.	1941
Morgan, Terence Charles, M.B., B.S.	1967
Morgan, Vivian Alexander, B.Tech.	1967
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Morcom, Ross George, B.E.	1955
More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947
Moreland, Jack, M.B., B.S.	1926
Moreton, Tony, M.B., B.S. (M.B., B.Chir., Cambridge, 1959)	1966
Moretti, Franco Giacomo, B.E.	1964
Morey, Bernard Spondley, B.Sc.	1950
Morey, David Ian, B.Sc.	1962
Morey, Geoffrey Wilson, M.B., B.S.	1926
Morgan, David Archibald Stevenson, M.B., B.S.	1943
Morgan, Edward James Ranembe, LL.B.	1920
Morgan, Eric Desmond, B.D.S.	1948
Morgan, Furness David, Ph.D. (California, 1956)	1959
Morgan, Garth Alan, B.E.	1963
Morgan, Graham Thomas, B.Ec.	1961
Morgan, Grant Maxwell, B.A.	1965
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953
Morgan, Lloyd Kenneth, M.B., B.S.	1952
Morgan, Owen Brakspear, M.B., B.S.	1952
Morgan, Olwen Esther, B.A.	1930
Morgan, Robert Gwyn, M.B., B.S.	1966
Morgan, William Matheson, B.E.	1930
Moriarty, David Joseph Wulstan, B.Ag.Sc.	1965
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957)	1961
Moritz, Paul Kevin, B.Tech.	1967
Morlet, Geoffrey Claude, M.B., B.S.	1955
Morley, Donald Norman, B.Sc.	1960
Morphett, Anthony Eddy, B.Sc.	1950
Morphett, Arthur Durieu, M.B. B.S.	1966
Morphett, Ian Rivers, B.Tech.	1960
Morphett, John Neville, B.A.	1955
Morphett, John Wallace, B.E.	1958
Morris, David Franklin, B.Sc.	1955
Morris, David George, B.Sc.	1967
Morris, Denby Lloyd, B.Sc.	1966
Morris, Duncan Ross, B.A.	1966
Morris, Hildred Ione, B.A.	1929
Morris, John Lennox, B.A.	1949
Morris, Kerwin William, B.Sc.	1949
Morris, Lenore, B.Sc.	1950
Morris, Lloyd Lewis, M.B., B.S.	1964
Morris, Lyndall Erica, B.A.	1924
Morris, Maxwell Arthur, B.A.	1966
Morris, Mervyn Charles, LL.B.	1923
Morris, Neville Johnston, M.B., B.S.	1959
Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959
Morris, Peter Carlton, B.A.	1966
Morris, Robert William James, B.E.	1962
Morris, Vaughan Lewis Rhys, B.Ec.	1966
Morrison, Anna Stirling, B.A.	1963
Morrison, Ian Bruce, B.E.	1958
Morrison, John Colin, B.A.	1959
Morrison, Robert Gwydir Booth, B.Sc.	1965
Morriss, Elsie, M.A. (B.A., 1928)	1931
Morriss, Robert William, B.E.	1966
Morrissy, Noel Michael, B.Sc.	1962
Morrow, Richard, B.Sc.	1965
Mortess, Ian Richard, M.B., B.S.	1958
Mortimer, Arthur William Blake, B.A.	1966
Mortimer, Isabel Inkster, M.B., B.S.	1955
Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957)	1961
Mortlock, Brenda Denise, LL.B.	1967
Morton, Christopher Gordon, B.E.	1924
Morton, Maxcl James, B.Sc.	1956
Morton, John Robert, M.B., B.S.	1966
Morton, Julia, B.A.	1963
Morton, Robert Douglas, B.Sc.	1965
Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959
Morton, Robert Kitchener, B.E.	1963
Mosel, Ian Robert, B.Sc.	1964
Mosel, John Robert, B.Tech.	1964
Moseley, Graham Edward, B.E.	1962
Moses, Margaret Veronica, B.A.	1963
Moss, Colin Lance, B.A.	1939
Moss, Malcolm, B.E.	1963
Moss, Rodney Clare, M.B., B.S.	1954
Moten, Brian Leslie, B.E.	1953
Moten, Christopher Murray, M.B., B.S.	1965
Moten, John Michael, B.Sc.	1955
Moten, Kathleen Margaret, M.B., B.S.	1957
Motteram, Philip, B.E.	1914
Motteram, Reginald, B.Sc.	1944
Motteram, M.B., B.S.	1939
Moulden, Arnold Meredith, LL.B.	1914
Moulden, Barbara Meredith, B.A.	1957
Moulden, John Owen, LL.B.	1938
*Moulden, Owen Meredith, M.B., B.S.	1910
Mounster, Valerie Luella, B.A.	1928
Mounster, Walter Edward, B.Tech.	1961
Mount, Anthony Blair, B.Sc.	1958
Mount, Graham Jaunay, B.D.S. (Sydney, 1946)	1962
Mount, Jonathan, B.E.	1953
Mountford, Charles Pearcy, M.A.	1964
Mountford, Graham Charles, B.Sc.	1963
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934
Mowatt, Anne Margaret, B.Sc.	1962
Moxham, Kenneth Ewing, B.E.	1966
Moyes, John Stoward, M.A. (B.A., 1905)	1907
Moyes, Morton Henry, B.Sc.	1910
Moyle, David William, B.A.	1967
Moyle, Francis James, B.Sc.	1950
Moyle, Sidney, M.A. (B.A., 1914)	1917
Moyle, B.Sc.	1926
Moyser, Louis Victor, M.B., B.S.	1965
Moyses, Bertram Ivey, B.E.	1937
Moyses, Douglas Raymond, B.Tech.	1963
Mudge, Peter Rowland, M.B., B.S.	1962
Mudge, Margaret, B.A.	1953
Mudie, David, B.E.	1964
Mudie, George Dempster, B.E.	1921
Muecke, David Sunter, M.B., B.S.	1958
Muecke, Douglas Colin, B.A.	1948
Muecke, Francis Frederick, M.B., B.S.	1902
Muecke, Ian Donald, M.A. (B.A., 1955)	1966
Muecke, Peter Sunter, B.Sc.	1959
Mueller, Dorothy Concordia, B.A.	1953
Mueller, Edwin Albert, B.A.	1939
Mueller, Geoffrey Leslie, B.Sc.	1961
Mueller, Malcolm Dudley, B.E.	1950
Mueller, Merna Alma, M.B., B.S.	1950
Mueller, Rae Vernon, B.Sc.	1944
Muetzfeldt, Dorothea, B.A.	1951
Muetzfeldt, Elfriede Elise, M.A. (B.A., 1937)	1950
Mugford, Alexander Kenwyn, LL.B.	1967
Mugford, David Clark, B.Sc.	1965
Mugford, Eric Kenwyn, B.A.	1964
*Mugford, Frank Kenneth, M.B., B.S.	1925
Mugford, Keith, M.B., B.S.	1957
Mugford, Lancelot Suckling, B.A.	1945
Mugford, Rex Ernest, B.A.	1944
Muhammad, Abdul Munim Hassan, B.Ag.Sc.	1952
Muirden, Elizabeth Alice, B.A.	1950
Muirden, Hector Raymond, B.A.	1930
Muirden, Ian Balfour, B.A.	1967
Muirhead, Andrew Mackinnon, B.D.S.	1950
Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1950
Muirhead, James Henry, LL.B.	1950
*Muirhead, Leonard Graeme, M.B., B.S.	1911

* Deceased

*Muirhead, Mortimer John Croft, M.B., B.S.	1949
Muirhead, Robb John, B.Sc.	1967
Muizulis, Voldemars, B.E.	1951
Mulcahy, Dennis Esteourt, B.Sc.	1962
Mules, Betty Lavina, B.A.	1945
Mules, Glen Ronald John, B.Sc.	1963
Mules, Trevor John, B.Ec.	1965
Muljadi, Djojmartono, Ph.D. (B.Ag.Sc., 1960)	1965
Muljadi, Djojmartono, B.Ag.Sc.	1960
Mullan, Barry James, B.E.	1961
Mullen, Brian Anthony, LL.B.	1935
Mullen, Jon Dean, B.Tech.	1967
Muller, Hans Konrad, B.Med.Sc. M.B., B.S.	1961
Muller, Peter Neil, B.E.	1949
Mullins, Francis Joseph, B.E.	1956
Mullins, Iris Lenore, B.Sc.	1965
Mullins, Margaret Anne, Mus.Bac.	1959
Mulvihill, Edward John, B.A.	1958
Mulvihill, John Christopher, B.A.	1967
Mullner, Judith Anne, B.Sc.	1953
Mumme, Ivan Albert, B.Sc.	1949
Mumme, William Gustav, Ph.D. (B.Sc., 1956, M.Sc., 1959)	1964
Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Munday, Malcolm Joseph, B.D.S.	1953
Munday, Neill Horace, M.B., B.S.	1924
Munday, Robert Neill, M.B., B.S.	1955
Mundy, Adrienne Elizabeth, B.A.	1967
Mundy, Barry John, B.Sc.	1965
Mundy, Julianne Patricia, B.A.	1967
Mundy, Kevin Arnold, B.A.	1936
Mune, Marie Elizabeth, M.A. (B.A., 1953)	1962
Munn, Bertha Helen Temple, B.A.	1917
Munn, Jeffrey Lewis, B.Sc.	1965
Munn, Sydney Morris, B.A.	1940
Munro, Barbara Joan, B.A.	1951
Munro, David Ross, M.B., B.S.	1965
Munro, Ian Alexander, B.Sc.	1949
Munyard, Adrian John, M.B., B.S.	1965
Murchland, John Byrne, M.B., B.S.	1954
Murchland, William Byrne, B.A.	1967
Murdoch, Bronwen, B.A.	1950
Murdoch, Robert Bruce, B.E.	1957
Murdoch, Robert Ian, M.B., B.S.	1966
Murn, Vincent Alan, B.E.	1941
Murphy, Christopher John, B.A.	1967
Murphy, Deirdre Mary, B.A.	1965
Murphy, Evangeline, B.A.	1907
Murphy, Joan Beverley, B.A.	1967
Murphy, John Frederick, B.Arch.	1964
Murphy, John Paul, B.Sc.	1967
Murphy, Laurence Frederick, B.A.	1966
*Murphy, Margaret Jane, B.A.	1947
Murphy, Marjorie Rose, B.A.	1956
Murphy, Mary, B.A.	1933
Murphy, Noel Julian, B.Tech.	1961
Murphy, Peter Raymond, B.Sc. (Eng.)	1943
Murphy, Peter Michael, B.A.	1967
Murphy (nee Glynn), Shylie Patricia, B.A.	1942
Murphy, Thomas Roy, M.Sc.	1957
Murphy, Wayne Theodore, B.Tech.	1964
Murphy, William Hugh, B.Sc.	1955
Murray, Andrew Walter, Ph.D. (B.Ag.Sc., 1961)	1965
Murray, Christopher John, B.Sc.	1967
Murray, Donald Bruce Seymour, M.B., B.S.	1953
Murray, Eric Lionel, Ph.D. (B.Sc., 1953)	1962
Murray, Gordon Seymour, M.B., B.S.	1944
Murray, Ian James Douglas, B.E.	1960
Murray, Ian Peter, B.Sc.	1959
Murray, John Dunmore, B.E.	1953
Murray, John McKenzie, B.Tech.	1958
Murray, Keith Douglas, M.B., B.S. (Sydney, 1953)	1961
Murray, Lyndon George, M.B., B.S.	1961
Murray, Noel William, B.E.	1950
Murray, Philomena Mary, B.A.	1934
Murray, William James, B.A.	1967
Murrell, Helen Calvert, B.Sc. M.B., B.S.	1949
Murrell, Helen Calvert, B.Sc. M.B., B.S.	1955
Murrell, Timothy George Calvert, M.D. (M.B., B.S., 1959)	1966
Murrie, Dornice Edith, B.A.	1967
Murrie, Elizabeth Leroy, B.A.	1964
Murton, Dennis John, B.Sc.	1964
Musman, Roma Josephine, B.A.	1943
Mussared, Graham William, M.B., B.S.	1964
Mussared, Peter Llewellyn, B.E.	1955
Mussared, Shirley Ann, B.A.	1966
Muthiah, Raneec Mildred Thangamalar, B.Sc.	1965
Mutton, Henry Edwin Howard, M.A. (B.A., 1918)	1922
Mutton, Howard James Charles, B.A.	1954
Mutze, George Friedrich, M.B., B.S.	1952
Mychajlyszyn, Jaroslav, B.E.	1956
Myers, Allan Arthur, M.B., B.S.	1963
Myers, Arthur Mervyn, M.B., B.S.	1933
Myers, Jeanice Elizabeth, B.A.	1964
Myers, Lyndhurst William Arthur, LL.B.	1964
Myhill, Reuben John, B.D.S.	1948
Mykyta, Ludomyr John, M.B., B.S.	1965
Myles, Brian George Lloyd, M.B., B.S.	1962
Mysak, Lawrence Alexander, M.Sc.	1963
N	
Nader, Clement Joseph, B.Sc.	1959
Nagel, John Harold, B.E.	1967
Nagel, Norman Edgar, B.A.	1945
Nagel, Pauline, B.A.	1966
Naidu, Nannuru Anjaneyulu, M.Ag.Sc.	1959
Naim, Mohammad Aejaz, Ph.D.	1967
Nair, Vasudewan, Ph.D.	1966
Nairn, Donald Elwyn, M.B., B.S.	1953
Nairn, Geoffrey Weynton, B.Arch.	1965
Nairn, Jennifer, B.Sc.	1954
Nairn, John Wallace, B.E.	1949
Nairn, Mary Beatrice, M.B., B.S.	1953
Nairn, Peter Ross, B.E.	1949
Nairn, Robert Ian, B.D.S.	1951
Nairn, Robert John, B.E.	1960
Nairn, Robert Wallace, B.Tech.	1967
Nairne, Alexander Livingstone, M.A.	1905
Najar, David, M.B., B.S.	1966
Nambiar, Gopalan, M.B., B.S.	1964
Nancarrow, Brian James, B.A.	1967
Nancarrow, Colin Douglas, B.Ag.Sc.	1964
Nancarrow, Cyril Gawler, LL.B.	1936
Nancarrow, Dianne Ina, B.Sc.	1965
Nancarrow, Jean Isobel, B.A.	1947
Nancarrow, Judith, B.A.	1964
Nancarrow, Malcolm Ewart, M.B., B.S.	1946
Nankervis, Nerissa Glenda, B.Sc.	1963
Nankivell, Joseph Frank, B.Sc.	1945
Nankivell, Maxine Vera, B.A.	1945
Nankivell, Shirley Dawn, M.B., B.S.	1953
Nankivell, William Field, B.Ag.Sc.	1950
Napier, Bruce, B.D.S.	1949
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
Navay, 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, Laurie Frederick, B.A. (London, 1935)	1960
Neale, Arthur, M.B., B.S.	1952
Neale, Nancy Gwennyth, M.Sc. (B.Sc., 1942)	1945
Neale, Shirley Margaret, B.Sc.	1946
Neck, Maurice Allan, B.E.	1950
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

* Deceased

Nelson, Alan Lindsay, B.Sc.	1967	Nichols, Joan Anne, B.A.	1967
Nelson, Archibald John Alexander, B.A.	1938	Nichols, Reginald Clarence, B.Sc.	1945
Nelson, Christopher Eastick, B.Sc.	1965	Nichols, Robert Ian, B.Arch.	1967
Nelson, Cynthia, B.A.	1945	Nichols, Terence Ivan, B.Sc.	1960
Nelson, Douglas Clyde, B.Sc.	1964	Nichols, Trevor Charles, B.Sc.	1948
Nelson, Eleanor Frances, LL.B.	1967	Nicholson, Hugh John Gay, B.E.	1916
Nelson, James Angus, B.E.	1949	Nicholson, Ian Lancaster, B.E.	1939
Nelson, Michael Robert, B.Sc.	1967	Nichterlein, Frieda Pauline, B.A.	1948
Nelson, Peter John, Ph.D. (B.Sc., 1960)	1964	Nickels, Harvey Gray, B.Tech.	1967
Nelson, William Barton, B.E.	1924	Nickolai, Max Ronald, B.Sc.	1952
Nenke, Robert Leonard, B.E.	1955	Nickolls, Peters Michael, LL.B.	1953
Neoh, Sim Hee, B.Sc.	1967	Nicol, Gary John, B.A.	1965
Nerlich, Graham Charles, M.A. (B.A., 1955)	1957	Nicol, Peter Barry, B.A.	1966
Nesbitt, Robert William, Ph.D. (Durham, 1961)	1962	Nicolai, Judith Elizabeth, B.A.	1966
Nettle, David Edward, B.A.	1967	Nicoll, Robert Peter, B.Sc.	1964
Nettle, Judith Florence, B.A.	1967	Nicolson, Alexander John, B.Ag.Sc.	1960
Nettle, Richard William, B.E.	1941	Nicolson, Andrew David, B.Ag.Sc.	1954
Nettle, Robert James, M.B., B.S.	1958	Nicolson, Hamish, M.B., B.S.	1962
Nettlebeck, Colin William, B.A.	1960	Nicolson, June Elizabeth, M.B., B.S.	1967
Nettlebeck, David Clive, B.A.	1960	Nicolson, Leonard Neil, B.Sc.	1966
Neuling, Herman James, B.E.	1937	Nicolson, Murray Thomas, B.Sc.	1945
Neuling, Raymond James, B.E.	1966	Niehuus, Jocelyn Mary Harrington, LL.B.	1966
Neuenkirchen, George Murray, B.E.	1947	Nield, Alexander Cowell, M.B., B.S.	1956
Neuenkirchen, John Basil, B.E.	1953	Nield, Hugh Cowell, LL.B.	1962
Neumann, Janusz Marian Antoni, LL.B.	1966	Nielsen, Jan, B.Sc.	1965
Neumann, Walter David, B.A.	1966	Nienaber, Blair, B.E.	1953
Neville, Bernard William, B.A.	1964	Nietz, Arno Oscar, B.A.	1951
Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956)	1959	*Nietz, Herbert Walter, M.A. (B.A., 1913)	1918
Newbery, Maxwell Charles, B.E.	1954	B.Sc.	1921
Newell, Edward Richard Ireland, B.A.	1967	Nietz, Ian Arno, B.E.	1954
Newland, Ben Totham Jervois, M.B., B.S.	1952	Nikitins, Helene, B.A.	1963
Newland, Peter Herbert, B.E.	1967	Nikitins, Margarita, B.Sc.	1963
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896)	1902	Nikkerud, Clive Julian, B.Sc.	1967
Newland, Janet Howard, B.A.	1964	Nilsson, Carl Sigurd, Ph.D. (B.Sc., 1956)	1965
Newland, Malcolm Creswell, M.B., B.S.	1938	Nilsson, Neil Alfred, Ph.D. (M.A., 1955; B.A., 1951)	1959
Newland, Nancy Benning, LL.B.	1937	Nilsson, Reginald Hakan, B.Ec.	1944
Newlyn, Thomas Patrick, M.B., B.S.	1966	Ninnes, Alan Herbert, B.Sc.	1957
Newman, Bernard William, B.Sc.	1934	Ninnes, Arthur Reginald, B.A.	1943
Newman, Edgar Harold, LL.B.	1894	Ninnes, Patricia O'Moore, B.A.	1957
Newman, Jeffrey Howard, B.E.	1957	Nitschke, Ian Athol, B.Sc.	1964
Newman, Kenneth Fisher, B.Ec.	1933	Nitschke, John Edwin, B.E.	1949
B.A.	1940	Nitschke, Marie, B.A.	1965
Newman, Lewis Arthur, B.Sc.	1925	Nitschke, Peter John, B.Sc.	1962
Newman, Ralph Frederic, LL.B.	1945	Nitschke, Philip Haig, B.Sc.	1967
Newnham, William Arthur, M.B., B.S.	1946	Nixon, Valerie Collette, B.A.	1957
Newport, Kevin Bernard, B.Tech.	1966	Nizamuddin, Mohammed, Ph.D.	1961
Newport, William George B.Tech.	1961	Noack, Charles Hugh, M.B., B.S.	1941
Newsome, Alan Eric, M.Sc.	1963	Noack, Peter John, B. Tech.	1958
Ng, Ah Kow, M.B., B.S.	1965	Noall (nee Piercy), Olive Edriss, B.A.	1935
Ng, Andrew Lian Timm, B.A.	1954	Nobbs, Jack McKay, M.Sc. (B.Sc., 1944)	1951
Ng, Boon Gim, M.B., B.S.	1962	Nobbs, William David, LL.B.	1949
Ng, Boon Keng, M.B., B.S.	1960	Nobes, Edith Dorothy, B.Sc.	1921
Ng, Hoe Eam, Robert, B.Sc.	1966	Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Ng, Hok Nam, B.Sc.	1967	Noble, Denis Leigh, B.Arch.	1967
Ng, Robert Lian Wee, M.B., B.S.	1961	Noble, Elaine Kay, B.Sc.	1958
Ng, Woon Kow, B.Tech.	1966	Noble, Geoffrey Robert, LL.B.	1958
Ngui, Sui Lin, Paul, B.Sc.	1964	Noble, George Grant, LL.B.	1937
Nichol, Lawrence Walter, Ph.D. (B.Sc., 1956)	1962	Noble, John David, B.Sc.	1967
Nicholas, David James Donald, D.Sc. (London, 1957)	1964	Noblet, Michael Anthony, LL.B.	1965
Nicholas, Herbert Ahearn, B.D.S.	1950	Noblett, David John, B.E.	1950
Nicholas, Ian James, B.E.	1959	Noblett, Hedley Lindsay, B.A.	1926
Nicholas, Rowland John, B.A.	1943	Noblett, Max Hadden, B.A.	1957
Nicholls, Barbara Ruru, B.A.	1941	Noblett, Peter James, B.A.	1967
Nicholls, Christopher William Gordon, LL.B.	1963	Nogare, Ronald Raphael Dalle, B.Sc.	1953
Nicholls, Colin Herbert, B.Sc.	1949	Nolan, Gordon David, B.Tech.	1961
Nicholls, Donald Alfred, M.B., B.S.	1945	Nolan, Peter William, B.Sc.	1967
Nicholls, Edward Maxwell, M.B., B.S.	1949	Nolte, Bryan Trevor, B.E.	1957
Nicholls, Eric Pascoe, M.B., B.S.	1956	*Noltenius, Harry Edward, B.A.	1902
Nicholls, Henry, B.E.	1938	Noolan, Jon Gillett, B.Ec.	1963
Nicholls, Jack Montague, M.B., B.S.	1946	Noon, David Lyon, B.A.	1952
Nicholls, James Herschel, M.B., B.S.	1942	Noonan, Anthony Georges, M.B., B.S.	1967
Nicholls, Jonathan Kingsley, B.A.	1924	Noonan, John William, B.A.	1952
Nicholls, Kelvyn Elmo, M.B., B.S.	1948	Noonan, Patrick Robert, B.Ec.	1957
Nicholls, Leslie Albert, B.Sc.	1949	Nordin, Alfred Walter, B.E.	1957
Nicholls, Leslie Herbert, B.A.	1893	Norgard, John Davey, B.E.	1937
Nicholls, Leslie Thorncliffe, B.E.	1948	Norman, Albert Edward, B.A.	1948
Nicholls, Peter Borden, Ph.D.	1963	Norman, Arthur Edward, B.Sc.	1949
Nicholls, Rodney Gordon, Ph.D.	1967	B.A.	1955
Nicholls, Trevor Thomas, M.B., B.S.	1957	Norman, Brenton David, B.Sc.	1966
Nicholls, Valwynne Arthur, M.B., B.S.	1959	Norman, Harold Ashley, LL.B.	1947
Nichols, Graham Philip, B.Tech.	1960	Norman, Peter, B.Sc.	1964
Nichols, Ian Andrew, B.A.	1951	Norman, Peter Anthony, B.E.	1964
LL.B.	1953	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

* Deceased

Norris, Allan Mervyn, B.A.	1956	O'Dea, Jillian Ann, LL.B.	1965
Norris, Ronald, B.A.	1967	O'Dea, Kathleen Mary, M.B., B.S.	1948
North, John Brian, M.B., B.S.	1963	Odgers, Anne Catherine, B.A.	1962
North, Rita Bridget Rice, LL.B.	1945	Odgers, Raelene Joyce, B.Sc.	1966
North, William Ian, M.B., B.S.	1939	Odgers, Robert John, M.B., B.S.	1966
Northcote, Geoffrey Graham, B.E.	1959	Odium, Leonard Ralph, B.Sc.	1937
Northcote, Robert Stafford, Ph.D.	1964	Odium, Reginald Lance, LL.B.	1937
Northeast, Keith Laurence, B.Tech.	1963	Odium, Vernon James, M.B., B.S.	1939
Northey, Helen Louise, B.Sc.	1953	Odlyha, Marianne, B.Sc.	1966
Northey, James Douglas, B.A.	1919	O'Donnell, Alan James, M.B., B.S.	1962
Northmore, Sir John Alfred, LL.B.	1887	O'Donnell, Elizabeth Anne, LL.B.	1954
Norton (née Matthews), Gladys Mary Palmer, LL.B.	1935	O'Donnell, Margaret Helena, B.Sc.	1954
Norton, Margaret, M.A. (Chicago, 1955)	1958	O'Donnell, Mark Arthur, B.E.	1965
Nosworthy, Ian David, LL.B.	1967	O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947)	1951
Nott, Harry Carew, M.B., B.S.	1913	O'Donoghue, Raymond Francis, B.Ec.	1951
Nottage, Neil Thomas, B.Tech.	1961	O'Donoghue, Raymond Richard, B.A.	1963
Nottle, Geoffrey Edward, B.A.	1956	O'Donoghue, Stephen Kevin, B.A.	1912
Novotny, Jaroslav, Ph.D. (B.Sc., 1960)	1965	O'Driscoll, Elliot Sylvester, Ph.D. (M.Sc., 1963)	1965
Noye, Brian John, B.Sc.	1964	O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939)	1960
Nugent, Naomi Mary, B.Sc.	1954	Oertel, Carolyn Ruby, B.Sc.	1964
Nunan, Douglas Stephen, B.A.	1960	Offler, Robin, Ph.D. (B.Sc., 1960)	1967
Nunan, Edward Ernest, B.Sc.	1965	Offord, Thomas Frank, B.Sc.	1951
Nunn, Christina Eleanor, B.Sc.	1964	O'Grady, Helen Patricia, M.A. (B.A., 1959)	1961
Nunn, Dennis Colbert, M.B., B.S.	1967	O'Grady, Kevin John, M.B., B.S.	1958
Nunn, George Marshall, M.B., B.S.	1951	O'Grady, Maureen Therese, B.Sc.	1957
Nunn, Kevin Joseph, B.Sc.	1942	Ogilvie, Keith Ross, B.E.	1956
Nurman, Muhammad, B.Tech.	1962	Oh, Kong Yew, B.E.	1959
Nud, Helga, B.A.	1966	O'Hair, Terrence Brian Lawrence, B.A.	1965
Nyland, Margaret Jean, LL.B.	1964	O'Halloran, Michael William, M.Sc. (B.Sc., 1954)	1957
O			
Oades, John Malcolm, Ph.D. (Leeds, 1962)	1965	O'Halloran, Sydney John, M.B., B.S.	1962
Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951	O'Hara, Brian Isidro, M.B., B.S.	1950
Oaten, David Richard, M.B., B.S.	1965	O'Keefe, John, LL.B.	1957
Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935	Ohlstrom, Leonore Anne, M.A. (B.A., 1929)	1962
Oaten, Robin Richard, B.E.	1963	Olden, John Albany Niquet, M.B., B.S.	1958
Oats, William Nicolle, B.A.	1932	Oldfield, Frederick Bernam, B.Sc.	1923
Oborn, Benjamin Watson, B.E.	1956	Oldfield, Neil, M.B., B.S.	1940
Oborn, Elizebeth-Anne Watson, B.A.	1959	Oldham, Brenda Helen, B.A.	1941
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Oldham, Marjory (nee Anderson), B.A.	1915
O'Brien, Francis John Romuald, B.A.	1951	Oldham, Wilfrid Hugh, B.E.	1948
O'Brien, Hartley Eric, B.A.	1939	Olding, Raymond Knox, B.Ec.	1964
O'Brien, John Alexander, M.B., B.S.	1947	Oldman, Bruce Phillips, B.Ec.	1960
O'Brien, John Aloysius, B.Ec.	1951	O'Leary, Patrick Damian, B.D.S.	1951
O'Brien, John Barrie, B.Ec.	1961	Olesnick, Andrew, B.Sc.	1965
O'Brien, John Louis, B.E.	1961	Olijnyk, Nikolas, B.Sc.	1960
O'Brien, Maurice Aloysius, B.A.	1945	Olipphant, Hurtle Garth, B.Tech. B.Ec.	1959
O'Brien, Pamela Margaret, B.Ec.	1967	Olipphant, Sir Marcus Lawrence Elwin, B.Sc.	1923
O'Brien, Patricia Anne, B.A.	1967	Olipphant, Michael John, B.Sc.	1958
O'Brien, Peter Christopher, B.Ag.Sc.	1962	Oliver, Archibald Robert, M.E. (B.E., 1941)	1952
O'Brien, Richard Searcy, B.Sc.	1967	Oliver, Janet Mary, B.Sc.	1966
O'Brien, Ross Pagden, B.E.	1949	Oliver, Robert Wallace, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
O'Brien, Thérèse Mary, B.A.	1967	Oliver, Robin Langford, Ph.D. (Cambridge, 1954)	1959
O'Callaghan, Basil Charles, B.A.	1966	Oliver, Jeffrey Graham, B.Sc.	1960
O'Callaghan, Desmond Joseph, B.Sc.	1949	Oliver, Robert John, B.Ec.	1967
O'Callaghan, Miah Patrick, LL.B.	1937	Ollini, Richard, B.Sc.	1957
O'Callaghan, Peter John, B.D.S.	1952	O'Loughlin, Kevin Thomas, LL.B. B.A.	1949
Ockenden, Ralph David, B.D.S.	1948	O'Loughlin, John Augustine, M.B., B.S.	1961
Ockenden, Robert Hartley, B.Ec.	1951	O'Loughlin, Maurice Francis, LL.B.	1956
Ockendon, Garth Palmer, B.A.	1950	Olsen, Christopher John, B.E.	1964
O'Connell, Brian John, B.Sc.	1952	Olsen, Paul Engberg, B.E.	1941
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1953	Olsen, Edwin Alexander, M.A. (B.A., 1937)	1947
O'Connell, Geraldine Mary, B.A.	1962	Olsson, Athol Julius, LL.B.	1920
O'Connor, Deirdre Catherine, B.A.	1950	Olsson, Graham Douglas, LL.B.	1956
O'Connor, Denise Christobel, B.A.	1947	Olsson, Leslie Trevor, LL.B.	1954
O'Connor, Diana Jean, M.B., B.S.	1949	O'Malley, Charles Ernest Denis, B.E.	1932
O'Connor, Graham Geoffrey, B.Sc.	1964	O'Malley, Dennis Anthony, B.Tech.	1965
O'Connor, Henry David, B.Ec.	1967	O'Malley, John Edwin, B.A.	1945
O'Connor, John Desmond, M.B., B.S.	1952	Omond, D'Arcy James, B.E.	1949
O'Connor, Maxwell James, B.Sc.	1957	O'Moore, Ellenora Patricia, M.B., B.S.	1961
O'Connor, Peter Joseph, B.A.	1951	Onder, Olaf Manfred, B.Sc.	1965
O'Connor, Playford D'Arcy, M.B., B.S.	1938	O'Neill, Cornelius Patrick, B.A.	1949
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1939	O'Neill, Marguerite, B.A.	1949
O'Connor, Reginald William, LL.B. B.A.	1953	O'Neill, Peter Hendy, B.A.	1961
O'Connor, Thomas James, B.A.	1962	O'Neill, Sydney, M.B., B.S.	1917
O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1938	Ong, Beng Lim, B.Sc.	1967
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Ong, Teng Chiong, B.Arch	1962
		Ong, Yong Yau, M.B., B.S.	1967
		Ooi, Boon Teck, B.E.	1962
		Ooi, Eam Beng, B.Sc.	1963
		Ooi, Gim Keat, B.E.	1966
		Ooi, Kok Lee, Willie, M.B., B.S.	1964

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Oon, Chuan Siew, Robert, B.Sc.	1964
Ophel, Trevor Richard, B.Sc.	1955
Opie, Alan James, B.E.	1953
Opie, Brian Preston, B.E.	1949
Opie, Peter Bruce, M.B., B.S.	1956
Opie, Roderick Preston, B.A.	1959
Opie, Roger Gilbert, M.A. (B.A., 1949)	1951
Opie, Thomas Schulz, B.A.	1923
Opit, Julius Marcus, B.Sc.	1955
Opit, Louis Jonah, M.B., B.S.	1949
Oram, Rex Neville, Ph.D. (B.Ag.Sc., 1953)	1960
Orchard, Anthony Edward, B.Sc.	1967
Orchard, Barbara Winifred, M.B., B.S.	1959
Orchard, Donald Ralph, B.E.	1956
B.Ec.	1961
Orchard, Ian Hamilton, B.E.	1966
O'Reilly, Ronald James, B.Sc.	1961
Osborn, Peter William, B.Sc.	1949
Osborn, Rowen Frederic, B.A.	1947
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911)	1912
Osborn, Thomas Raymond, B.Sc.	1942
Osborne, Dale Kingsley, B.Sc.	1966
Osborne, Dennis James, B.Ec.	1959
Osborne-White, Douglas Arthur, B.E.	1952
Osborne-White, William Sidney, B.Sc.	1956
O'Shea, John Martin, B.Sc.	1961
Osman, Boris, B.E.	1940
Osman, Neile, M.A. (B.A., 1942)	1945
Osman, Muhammed Abdul Chaffar, B.Sc.	1964
Osmond, Charles Barry, Ph.D.	1967
Osmond, Phyllis Dawn, B.A.	1949
O'Sullivan, James David, LL.B.	1949
O'Sullivan, John Joseph, B.A.	1953
O'Sullivan, Kenneth John, B.App.Sc.	1967
Oswald, Murray Oliver, B.A.	1964
Oswald, Peter James, B.Tech.	1958
Othams, Dorothy Elizabeth, B.A.	1925
Othams, Herbert Reginald, B.A.	1937
Ottens, Graham John, B.Sc.	1962
Otto, Lance Martin, B.E.	1954
Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Overell, William John, B.A.	1967
Owen, Donald Keith, B.Tech.	1960
B.Ec.	1967
Owen, Evan Thomas, M.B., B.S.	1956
Owen, Gwenyth Winsome, B.A.	1941
Owen, Indra Joshua, B.Ec.	1956
Owen, John Thomas, B.Sc.	1966
Owen, Richard Douglas, B.A.	1967
Owens, Arthur John, B.Sc.	1926
Owens, Desmond Henry, M.B., B.S.	1965
Ozolins, Janis, B.Sc.	1967
Ozols, Ivars Valdis, B.D.S.	1965

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Pausuke, Henno, B.A.	1967
Pacevicius, Stase, B.D.S.	1959
Packer, Arthur Dudley, M.Sc. (B.Sc., 1939) M.D. (M.B., B.S., 1942)	1951
Packer, John Stuart, B.E.	1953
Packer, (nee Kay), Lorimer Judith, B.D.S.	1959
Packer, Mina, B.D.S.	1933
Packer, Roger Stanley, M.B., B.S.	1961
Packer, Trafford James, M.E.	1967
Paddick, Anthony William, B.Sc.	1960
Paddick, Robert Joseph, B.A.	1965
Padgett, Jerry Maxwell, B.Tech.	1958
Padman, Clara Helen, B.A.	1904
Padman, Mabel Margaret, B.A.	1941
Padman, Marsden Waterhouse, B.E.	1923
Padman, Maurice Skipsey, B.A.	1931
Padman, William Donald, LL.B.	1933
Paech, Bernice Mary, B.A.	1950
Paech, Helen Joan, B.A.	1959
Paech, John Adolph, B.A.	1942
Paevere, Jaan, B.Sc.	1966
Page, Albert Edward, B.A.	1914
Page, Anthony Edward, M.B., B.S.	1962
Page, Dean Campbell, LL.B.	1954
Page, Eleanor Florence, B.A.	1940
Page, Geoffrey Wilton, B.D.S.	1940
Page, Gertrude Erica, B.Sc.	1945
Page, Helen Claire, B.A.	1964
Page, Leland Ivor, M.B., B.S.	1952
Page, Maurice Roy, B.E.	1950

Page, Ronne Earle, B.A.	1949
Page, Russell Edmund, B.Tech.	1967
Pahlke, Ottomar Bruno, B.A.	1967
Pahl, Paul David, B.A. (N.Z., 1941)	1943
Pahl, Peter John, B.Sc.	1962
Paholski, Francis Edmond, B.E.	1953
Paice, John Clarence, B.Sc.	1964
Paice, William Osborne, B.A.	1953
Pain, Roy Willoughby, M.B., B.S.	1957
Paine, Helen, B.A.	1938
Paine, Sir Herbert Kingsley, LL.B.	1904
Paine, Janet, B.A.	1944
Painter, Mary Galloway, Mus.Bac.	1952
Painter, Rowland George, B.A.	1934
M.B., B.S.	1947
Pakianathan, Samuel Wright, B.Sc.	1962
Pak Poy, Patricia Geraldine, B.A.	1956
Pak Poy, Patrick Gerald, B.E.	1958
Pak Poy, Reginald Kenneth Felix, M.D. (M.B., B.S., 1955)	1960
Paleg, Leslie Godell, Ph.D. (Iowa, 1955)	1959
Palenschus, Henry Arthur, B.Sc.	1964
Pallant, Donald James, B.A.	1962
Palm, Colin Duncan, B.E.	1965
Palm, Duncan Louis, B.E.	1952
Palmer, Dexter Carl, B.A.	1967
Palmer, Ernest William, LL.B.	1939
Palmer, Ian Dexter, B.Sc.	1964
Palmer, Ian Ronald, B.Tech.	1965
Palmer, John Edward, B.Sc.	1966
Palmer, Raymond Amos, B.E.	1953
Palmer, Reginald Ernest, B.A.	1967
Palmer, Robert Hale, B.E.	1953
Palmer, Thomas Robert, B.E.	1958
Paltridge, Angus Lindsay, B.Ec.	1951
Paltridge, Richard Lee, B.Sc.	1959
Paltridge, Richard Noel, B.Sc.	1947
Paltridge, Terence Brady, B.Sc.	1926
Palumbo, Luigi Dominic, B.App.Sc.	1966
Panabokke, Christopher Rajendra, Ph.D.	1957
Pandjaitan, Conrad Halomoan, B.E.	1963
Pang, Choy King, B.E.	1965
Panikkar, Radhakrishnan Narayana, M.B., B.S.	1959
Pannell, Peter John, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1950
Panter, John Raspin, B.A.	1967
Panter, Roderick Alan, B.Sc.	1964
Pantis, Cracium, B.A.	1965
Panton, David Michael, B.Sc.	1965
Papli, Rain, B.D.S.	1967
Parasivam, Kandiah, M.B., B.S.	1965
Parbo, Arvi Hillar, B.E.	1956
Parbs, Robert Lindsay, B.A.	1966
Parham, Anthony Robert, M.B., B.S.	1954
Parham, Elizabeth Ann, B.A.	1950
Parham, Geoffrey William, B.Ec.	1961
Parish, Vanessa Margaret Scott, B.A.	1965
Park, Ruth Alison, B.A.	1939
Parker, Cecil David, B.Sc.	1932
Parker, Colin John, M.B., B.S.	1967
Parker, David Heywood, B.A.	1967
Parker, George Lucas, B.E.	1948
Parker, Graham Eric, LL.M. (LL.B., 1959)	1962
Parker, Janne Jacobus, M.A.	1964
Parker, Mina Evelyn, B.A.	1930
*Parker, Murray Harold, M.Sc. (B.Sc., 1950)	1952
Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954)	1960
Parker, Ross Lloyd, B.E.	1957
Parkhill, Douglas Leonard, M.E. (M.A., Sc., British Columbia, 1958)	1962
Parkhouse, Devon, M.B., B.S.	1907
Parkhouse, Thomas William, B.Sc.	1940
Parkin, Cherry Wedgwood, B.A.	1964
Parkiu, Dorothy Joan, B.A.	1936
Parkin, Ian Andrew, B.Sc.	1961
Parkin, John Wilson, B.E.	1964
Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938)	1949
Parkinson, Arthur David, M.B., B.S.	1966
Parkinson, Geoffrey William, B.A.	1964
Parkinson, Glen James, B.App.Sc.	1965
Parkinson, Kevin John, B.Sc.	1949
Parks, Veronica June, M.B., B.S.	1958
Parmanandam, Vijaya, LL.B.	1967
Parr, Stanley Robert, B.Ec.	1957
Parrott, Charles Philip, B.Tech.	1958

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Parrott, Roger Thomas, M.Ag.Sc.	1965	Pavy, John Keith, M.B., B.S.	1952
Parry, Doris, B.A.	1931	Pavy, Rosemary Dorothea, M.B., B.S.	1948
Parry, Graham Sidney, B.D.S.	1966	Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1954
Parsons, Albert Christian, B.E.	1950	Paxon, Paul Russell, B.D.S.	1966
Parsons, Barbara, B.A.	1949	Paxon, Thomas Gordon, M.D. (London, 1956)	1961
Parsons, Colin, B.A.	1958	Payne, Allan Barrie, B.Sc.	1961
Parsons, Denis, B.Tech.	1962	Payne, George Basil, B.A.	1935
Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932)	1935	Payne, Jennifer May, B.A.	1966
Parsons, Gregor Leonard, B.Sc.	1965	Payne, Louise Mary Gwythyr, B.A.	1914
Parsons, Harold Stephen, Mus.Bac.	1912	Paynter, Norman Catchlove, B.A.	1937
Parsons, Ian Ross McKenzie, B.Med.Sc.	1958	Payze, Grantley Allen, B.Sc.	1967
Parsons, Peter Angas, B.Ag.Sc.	1955	Payze, Rodney John, B.E.	1964
Parsons, Peter Gordon, Ph.D. (B.Sc., 1963)	1967	Peacock, Dennis Peter, B.A.	1964
Parsons, Philip Brendon Angas, LL.B.	1928	Peacock, Morris John, M.B., B.S.	1965
Parsons, Ralph Whaddon, B.E.	1948	Peak, Geoffrey Colin, B.Sc.	1966
*Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926	Peake, Noel Horace, M.B., B.S.	1954
Parsons, Robert Allan, B.Sc.	1962	Peake, Robert Clive, B.E.	1966
Parsons, Robert Frederick, B.Sc.	1961	Peake, Suzanne Margaret, B.A.	1965
Parsons, Ronald Lewis, B.E.	1942	Pearce, Alfred Aston, B.A.	1966
Parsons, William Ross, B.A.	1948	Pearce, Alfred Moreton, B.A.	1951
Parton, Arthur Leigh, M.B., B.S.	1944	Pearce, Brian Godfrey, B.A.	1962
Partridge, Judith Lois Mary, B.A.	1958	Pearce, Charles Clifton, B.A.	1938
Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	1947	Pearce, David Fraser, B.Tech.	1962
Pascoe, Douglas Everett, B.Ec.	1948	Pearce, Dennis Charles, LL.B.	1961
Pascoe, Graeme Leslie, B.Ec.	1967	Pearce, Desmond Beresford Newman, B.Sc.	1951
Pascoe, Jeremy Lawrence, B.E.	1960	Pearce, Donald Hicks, M.B., B.S.	1967
Pascoe, Pauline Ina, M.B., B.S.	1955	Pearce, Graham Arthur, B.Tech.	1967
Pascoe, Timothy Lawrence, B.E. B.Ec.	1962	Pearce, Helen Ruth, B.A.	1958
Pash, Hannah June, M.B., B.S.	1946	Pearce, Judith Helen, B.A.	1967
Pash, Hannah Rita, B.A.	1930	Pearce, Lancelot Harry, B.Tech.	1965
Pash, Jeffrie Herbert, B.A.	1938	Pearce, Neil William, B.Tech.	1963
Pash, Richard Jeffrie, LL.B.	1967	Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1955
Pash, Spencer, M.Sc. (B.Sc., 1943)	1952	Pearce, Trevor Sandison, B.Ag.Sc.	1953
Passchl, Johann Heinrich, M.B., B.S.	1962	Pearce, William Malcolm, B.Sc.	1966
Passmore, John Roger, B.Sc.	1961	Pearcy, Lyn Harley Draper, M.B., B.S.	1953
Patching, Allan Ralph, B.Sc.	1962	Pearlman, Patricia Ruth, B.A.	1964
Patching, Desmond William John, M.B., B.S.	1956	Pearlman, Rex Lindsay, M.B., B.S.	1963
Patching, Eric Jonathan, B.Tech.	1966	Pearlman, Robert Graham, M.B., B.S.	1963
Pater, Graham Stephen, B.D.S.	1951	Pearman, Reginald John, B.Sc.	1954
Paterson, Alexandra Jean, B.Sc.	1949	Pearse, David Hiles, B.Tech.	1962
Paterson, Alfred Harold, B.A.	1937	Pearson, Anne Keeler, B.A.	1964
Paterson, Dennis Craig, M.B., B.S.	1954	Pearson, Anthony James Crawford, B.E.	1965
Paterson, John Levett, B.E.	1950	Pearson, Halley James Crawford, B.A.	1944
Paterson, Keith McGregor, B.E.	1932	Pearson, Henry Gurner, B.Tech.	1959
Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945	Pearson, Ione Patricia, B.A. LL.B.	1965
Paterson, Nigel Angus Morgan, B.Med.Sc.	1967	Pearson, Janet Scott, M.B., B.S.	1965
Paterson, Robert George, B.A.	1958	Pearson, Kenneth Robert, B.A.	1964
Paterson, Ross, B.Sc.	1953	Pearson, Leslie Allan, B.Tech.	1962
Patman, Joanne, B.A.	1965	*Pearson, Leslie Norman, B.A.	1941
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1915	Pearson, Robert Allan, B.Sc.	1966
Paton, Alfred Maurice, B.Sc.	1898	Pearson, Thomas Pickering, B.Tech.	1959
Paton, Margaret Anne, B.A.	1954	Pech, Herman, B.A.	1947
Paton, Robert, M.B., B.S.	1951	Pech, Rufus, B.A.	1947
Patrick, Elsie Furneaux, Mus.Bac.	1925	Pederick, Leith Hubert, B.Sc.	1960
Patten, John Maurice, B.Ec.	1967	Pederson, David George, B.Sc.	1962
Patten-Richens, Colin Henry, B.Tech.	1963	Pederson, Martin John, B.A.	1966
Patterson, Conrad Brenton, B.A.	1961	Pedler, John Meavious, M.B., B.S.	1935
Patterson, David Henry, B.E.	1965	Pedler, Pender James, B.Sc.	1963
Patterson, Dean James, M.E. (B.E., 1964)	1967	Pedlow, Clarice, B.Sc.	1942
Patterson, John Howard, Ph.D. (B.Sc., 1958)	1963	Peek, Dean John, B.Tech.	1966
Patterson, John Rayden, B.Sc.	1962	Peel, Edward John, B.Sc.	1964
Patterson, Keith Raymond, LL.B.	1937	Peirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947
Patterson, Neil William, B.E.	1961	Peirce, Reginald Frank, B.A.	1938
Patterson, Reginald Lindsay, B.A.	1965	Peirson, Clive Graham, M.Ec. (B.Ec., 1960)	1964
Patterson, William Friedrich, B.E.	1934	Peisach, Murdoch Uri, B.A.	1966
Pattinson, Sir Baden Powell, LL.B.	1921	Peljo, Kalle, B.A.	1967
Pattullo, William Ashby, B.Sc.	1967	Pellew, Catherine Annabel, M.B., B.S.	1964
Patwardhan, Asha, M.B., B.S.	1961	Pellew, Dorothy Elaine, LL.B.	1960
Paul, David Brenton, Ph.D. (B.Sc., 1961)	1967	Pellew, Henry Edwin, M.B., B.S.	1924
Paul, Kevin Carroll, B.Sc.	1935	Pellew, Janie Christobel, B.D.S.	1932
Paul, Peter, M.A. (B.A., 1963)	1966	Pellew, Lancelot Vivian, LL.B.	1922
Paul, Alec Gordon, B.Sc.	1920	Pellew, Leonard James Ternouth, M.B., B.S.	1932
Paul, M.A. (B.A., 1926)	1932	Pellew, Richard Alfred Amyas, M.B., B.S.	1934
Paul, Alwyn Douglas, B.A.	1966	Pellew, Timothy Yuill, B.Arch.	1964
Paul, Andrew, M.B., B.S.	1965	Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942
Paul, Colin Gordon, M.B., B.S.	1953	Pelz, Ines Charlotte, B.A.	1960
Paul, Gwenda Helen, B.A.	1964	Pemberton, Russell Edward, B.Sc.	1964
Paul, Torrance Arnold, M.B., B.S.	1947	Penery, Donald Vivian, B.Tech.	1961
Pavia, Roy Rowling, B.A.	1918	Pengelly, John Michael, B.Ec.	1952
Favillard, Robin Eugene, M.B., B.S. (London, 1957)	1960	Pengilly, Clifford Kipling, B.E.	1930
Pavy (nee Froud), Emily Dorothea, B.A.	1906	Penglase, Dean Trestrail, B.E.	1951
Pavy, Harold Keith, M.B., B.S.	1919	Penketh, Stewart George, B.Ec.	1967
Pavy, Ian Gordon, M.B., B.S.	1943	Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956)	1962

* Deceased

Penn, John Halbert, B.E.	1953	Phillips, Basil Wright, B.D.S.	1950
Penn, Malcolm Richard Stephen, LL.B.	1964	Phillips, Brian Douglas, B.Sc.	1961
B.A.	1964	Phillips, Brian John, B.E.	1960
Pennicott, Margaret Mary, B.A.	1961	Phillips, Charles Leslie, B.D.S.	1926
Pennington, Beryl, B.A.	1942	Phillips, Colin Rex, B.E.	1963
Pennington, Michael John, B.A.	1967	Phillips, Colin William, M.B., B.S.	1951
Penna, Elwyn Dunstan, B.A.	1952	Phillips, Donald Ralph, B.Sc.	1967
Penny, David Harry, M.Ec. (B.Ec., 1952)	1958	Phillips, Gordon Gilbert, B.A.	1940
Penny, Harold John, M.B., B.S.	1913	Phillips, Heather Joy, B.A.	1967
Penny, Hubert Harry, M.A. (B.A., 1926)	1932	Phillips, James Henry, B.E.	1948
Penny, John Phillip, Ph.D. (M.Sc., 1961, B.Sc., 1958)	1966	Phillips, James Howard, B.Sc.	1902
Penny, Margaret Elizabeth, B.A.	1966	Phillips, John Townley, B.E.	1962
Penny, Roger Stephen, B.A.	1966	Phillips, Malcolm John, B.Tech.	1960
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1959	Phillips, Muriel Edith, B.A.	1935
*Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1923	Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Penrose, John Michael, B.Ec.	1964	Phillips, Murray Thomas, B.E.	1947
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1935	Phillips, Pamela Rosemary, M.B., B.S.	1951
Pepeia, Crowther Ngoya, B.Sc.	1966	Phillips, Peter Roland, B.A.	1967
Pereira, John Evelyn De Haan, B.A.	1945	Phillips, Ronald Mervyn, B.A.	1951
Perkins, Brian Randall, B.Sc.	1955	Phillips, Walter Wynne, B.A.	1958
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1943	Phillips, Wayne Downing, B.E.	1965
Perkins, Lesley Ann, B.Ec.	1966	Phillips, William James Ellery, M.B., B.S.	1915
Perkins, Marie Pauline, B.A.	1949	Phillips, William John, B.A.	1959
Perkins, Reginald Norman, B.E.	1967	Phillipson, Coleman, LL.D. (Manchester, 1908)	1920
Perks, Bruce Leonard, M.B., B.S.	1967	Phillips-Rees, Peter Richard, B.A.	1964
Perrett, Lance Victor, M.B., B.S.	1952	Phillis, Barry Dean, B.Tech.	1967
Perriam, Donald John, B.Med.Sc. M.B., B.S.	1962	Philpot, Christopher Ross, B.Med.Sc.	1966
Perriam, Judith Faye, B.Sc.	1964	Philpott, Clive Mervyn, B.Sc.	1965
Perry, Audrey Vivienne, LL.B.	1949	Philpott, Jennifer Mary, B.A.	1963
Perry, Dulcie May, B.A.	1939	Phong, Nguyen Dinh, B.A.	1964
Perry, John William, LL.B.	1959	Pick, William, B.Tech.	1963
Perry, Jane Elizabeth, B.A.	1965	Pickering, Brian George, B.Tech.	1966
Perry, Peter Grant, B.Sc.	1966	Pickering, Eric, B.A.	1960
Perry, Rayden Alfred, M.Sc. (B.Sc., 1947)	1956	Pickering, Geoffrey Gilmore, B.E.	1961
Perry, Robert George, B.E.	1956	Pickering, Ronald Franklin, B.Sc.	1946
Pertl, Joseph, LL.B.	1961	Pickering, Trevor George, M.B., B.S.	1958
Peter, Beth Ellen, B.Sc.	1957	Pickett, Anne Lynette, B.Sc.	1967
Peter, Duncan Wilbur, B.Ag.Sc.	1965	Piddington, Robert William, B.Sc.	1963
Peter, Phyllis Grace, B.A.	1960	Pierce, James John Carley, B.Ec.	1962
Peters, Brian Harry, M.B., B.S.	1948	Pierson, Robert Arthur, B.A.	1954
Peters, Geoffrey Ernest, B.A.	1925	Pierson, Rosalie Ann, B.A.	1964
M.B., B.S.	1927	Pietsch, Clemens Henry, M.B., B.S.	1945
Peters, Geoffrey John, M.B., B.S.	1961	Pietsch, Milton Frederick, B.Tech.	1967
Peters, George Francis, B.Sc.	1948	Pike, Colin Edwin, LL.B.	1954
Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1960	Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957
Peters, Jannette Elsa Mary, B.Arch.	1966	Pike, Geoffrey Howard, M.B., B.S.	1953
Peters, John Irwin, B.E.	1959	Pike, Lindsay Keith, B.Arch.	1967
Petersen, Christian Malcolm, B.Ec.	1966	Pikusa, Stefan Adam, B.Arch.	1963
Petersen, Josephine, B.A.	1967	Pile, Kenneth Charles, M.E. (B.E., 1949)	1967
Peterson, Jean Clarice, B.A.	1940	Pilgrim, Alan Flinders, B.Sc.	1936
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1939	Pillai, Kotha Kanthimathy, M.B., B.S.	1958
Petrie, Enid Beatrice, Mus.Bac.	1935	Pillay, Elagu Sithampara, M.B., B.S.	1954
Petrikas, Elvira, M.B., B.S.	1958	Pilton, Phyllis Evelyn, B.Sc.	1955
Petrucchio, Oswald Marino, M.B., B.S.	1964	Pinder, Claude Jack, B.A.	1966
Pettit, Garth Derwood, B.D.S.	1953	Pinder, Patrick Maurice, B.Arch.	1964
Pettit, Janet Ann, B.A.	1961	Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942
Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1954	*Piper, Cyril Thomas, M.B., B.S.	1924
Pettman, Brian Edward, B.A.	1965	Piper, Flora Elizabeth, B.A.	1924
Pfeiffer, Edgar Reginald, B.Sc.	1953	Piper, Herbert Walter, D.Litt. (B.A., 1938)	1961
Pfeiffer, Gordon James, B.D.S.	1949	Piper, Robert William, LL.B.	1963
Pfeiffer, Norman, B.A.	1938	Pirotta, Thomas, M.B., B.S.	1955
Pfitzner, David Roy, B.Sc.	1960	Pitcher, Adrian Kenneth, B.E.	1967
Pfitzner, Eric Norman, M.A. (B.A., 1930)	1933	Pitcher, Alison Claire, Mus.Bac.	1964
Pfitzner, John, M.B., B.S.	1964	Pitcher, Cyril Frederick, M.B., B.S.	1911
Pfitzner, John Clement, B.A.	1965	Pitcher, Maurice Knight, B.Sc.	1925
Pfitzner, Julian Paul, B.Sc.	1964	Pitcher, Russell Barton, M.B., B.S.	1948
Pfitzner, Leo Wilkin, B.E.	1953	Pitcher, Wendy Lois, B.A.	1961
Pfitzner, Maxwell John, B.Sc.	1967	Pitcher, William Bonython, B.Sc.	1945
Pfitzner, Murray Ackland, M.B., B.S.	1953	Pitchon, Leon, M.B., B.S.	1960
Pfitzner, Murray Leigh, B.E.	1964	Pitman, Beresford Ernest, B.Sc.	1945
Pfitzner, Paul, B.D.S.	1961	B.A.	1955
Pfitzner, Victor Carl, B.A.	1958	Pitman, David Arthur Alfred, B.A.	1966
Pflaum, Peter Theo, B.Ec.	1964	Pitman, John Keith, B.Ec.	1964
Phanchet, Suphawit, M.B., B.S.	1964	Pitman, Michael George, Ph.D. (Cambridge, 1959)	1963
Phang, Sonny, B.Sc.	1966	Pitt, Barry John, M.B., B.S.	1966
Phillips, Herbert Tarlton, B.Sc.	1905	Pitt, George Henry, B.A.	1920
Phillips, Keith Herbert, B.E.	1951	Pitt, Marjorie Una, B.Sc.	1925
Phillips, Alan Dunstan, M.B., B.S.	1947	Pittman, Carolyn Theresa, B.A.	1967
B.Sc.	1959	Place, Ullin Thomas, M.A. (Oxford, 1949)	1953
Phillips, Albert Maurice, B.E.	1941	Plachy, Radovan Ivan, M.B., B.S.	1967
		Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937
		Platt, John Talbot, B.A.	1951

* Deceased

Platten, Newell James, B.E.	1951
Platts, John Charles, B.Tech.	1961
Playford, John Drysdale, B.A.	1959
Playford, Malcolm Noel, LL.B.	1937
Playford, Margaret Claire, M.B., B.S.	1955
Pledge, Helen Rosemary, B.A.	1965
Pledge, Neville Stewart, B.Sc.	1966
Pledge, Philip Wayne, B.Ec.	1964
Plimmer, Geith Alfred, B.A.	1930
Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949)	1961
Plummer, Alexander Philip, B.D.S.	1941
Plummer, Reg Garnet, M.B., B.S.	1906
Plummer, Rex Grose, M.B., B.S.	1937
*Plummer, Violet May, B.Sc.	1893
M.B. (Melbourne, 1897)	1897
Plummer, Violet Myrtle, M.B., B.S.	1932
Plunkett, Norman Ambrose, B.E.	1926
Plush, Donald Seward, B.Ag.Sc.	1948
*Pobjoy, Alice Blake, B.A.	1918
Pocitus, Martynas, B.E.	1955
Pocock, Edward Robert, M.A. (B.A., 1956)	1958
Pocock, Kenneth Frank, B.App.Sc.	1965
Pocock, Kenneth John, B.Sc.	1961
Pohlman, William Frederick Claude, B.Sc.	1926
Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney, 1938)	1952
M.D.	1960
M.S.	1965
Polasek, Metodey, B.Ec.	1958
Polden, Marjorie Phillippa, B.A.	1962
Pole, Audrey Elizabeth, B.A.	1956
Polglase, David Llewelyn, B.A.	1967
Polglase, Norman, B.Sc.	1947
Polkinghorne, Gillian Margaret, B.A.	1966
Polkinghorne, Graham Keith, B.E.	1954
Polkinghorne, Kate Elinor, B.A.	1981
Polkinghorne, Keith, B.A.	1986
Polkinghorne, Kenneth Bruce, B.A.	1965
Polkinghorne, Noel Francis, B.A.	1934
Pollard, Pamela Helen, LL.B.	1963
Pollnitz, Eunice Adah, B.A.	1938
Pollnitz, Robert Percy, M.B., B.S.	1966
Polomka, Simon Peter, B.Ag.Sc.	1955
Polson, Ian Hastings, LL.B.	1967
Polson, Peter, B.E.	1965
Polson, Reginald Alexander, B.E.	1929
Pomeroy, Derek Edmund, Ph.D.	1967
Pomroy, Alan Browning, B.E.	1938
Pomroy, Richard Osborne, B.E.	1923
Ponnia, Anthonipillai, B.E.	1954
Pong, Peter Jack-Gai, B.Ec.	1966
Ponsford, Joan Helen, B.Sc.	1949
Pontifex, Ian Russell, M.Sc. (B.Sc., 1961)	1966
Poole, Dennis John, B.Sc.	1967
Poole, Frederick St. John, M.B., B.S.	1909
Poole, Gilbert Graham, B.Sc., B.E.	1921
Poole, Richard John, B.E.	1951
Poon, Hin Yeung, Patrick, B.D.S.	1964
Poon, Mong Yue, Thomas, B.D.S.	1963
Pope, Geoffrey Weston, B.Sc.	1951
B.A.	1967
Pope, Gerald Wardlaw, B.Sc.	1963
Pope, Gwenyth Constance, B.A.	1966
Pope, John Travers, B.E.	1957
Pope, Kathryn Hilary, B.A.	1952
Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1949
Pope, Norman Hector, B.Tech.	1960
Pope, Peter Myles Burton, B.E.	1949
Pope, Russell Leslie, B.Sc.	1965
Porra, Robert John, B.Sc.	1957
Porter, Ailsa Rosemary, B.Sc.	1955
Porter, Christopher Robert, B.Sc.	1961
Porter, David James, LL.B.	1961
Porter, David Rodney, B.Sc.	1967
Porter, Harold George, B.A.	1941
Porter, James Glanville, B.Tech.	1960
Porter, James Lincoln, Mus.Bac.	1960
Porter, John Reginald, B.Tech.	1963
Porter, Kingsley Clarence, M.B., B.S.	1942
Porter, Maurice John, B.Tech.	1961
Porter, Meredith Frances, B.Ag.Sc.	1967
Porter, Mervyn Kingsley, B.A.	1958
Porter, Michael Andrew, B.E.	1966
Porter, Michael Glenhorne, B.Ec.	1964
Porter, Reginald Bernard, Ph.D. (B.Sc., 1953, M.Sc., 1960)	1966
Porter, Robert, B.Med.Sc.	1954
Porter, Robert Critchley, LL.B.	1962
Porter, Rodney Crawford, B.E.	1959
Porter, Ronald Frank, B.D.S.	1940
Porter, Thelma May Edith, B.A.	1941
Posen, Solomon, M.D. (M.B., B.S., 1955)	1967
Possingham, John Victor, M.Sc. (B.Ag.Sc., 1951)	1955
Possingham, Maxwell Leonard, B.Sc.	1954
M.E. (B.E., 1956)	1959
Posner, Alan Meyer, Ph.D. (Cambridge, 1950)	1961
*Postle, Douglas Gordon, M.B., B.S.	1941
Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922
Potter (nee Bates), Betty, B.Sc.	1939
B.A.	1942
Potter, Brian John, M.Sc. (B.Sc., 1945)	1950
Potter, David Charles, B.E.	1962
Potter, Dennis Robert, B.Sc.	1963
Potter, Frank Jaques, LL.B.	1947
B.A.	1957
Potter, Helen Anderson, B.Sc.	1962
Potter, Ian Downing, B.A.	1959
Potter, James Downing, B.Sc.	1964
Potter, John Colin, B.Ag.Sc.	1948
Potter, John Lewis, B.Tech.	1961
Potter, John Stanley, B.Ag.Sc.	1957
Potter, Maurice Martyn, B.Sc.	1957
Potter, Robert James, B.E.	1961
Potter, Roy Adolph, M.A. (B.A., 1913)	1923
Potter, Vernon Wheatley, M.B., B.S.	1941
Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948)	1956
Potts, Ethelwyn, B.A.	1909
Potts, Frank Roland, B.Sc.	1922
Potts, Gilbert Macdonald, M.A. (B.A., 1911)	1915
Potts, John Louis, M.B., B.S.	1951
Potts, Kevin Thomas, Ph.D. (D.Phil., Oxford, 1954)	1959
Potts, Leo, M.B., B.S.	1955
Potts, Renfrey Burnard, B.Sc.	1945
Powell, Alan Anthony Leslie, B.Ag.Sc. (Sydney, B.Sc.Agr., 1959)	1962
Powell, Barry James, B.Ec.	1964
Powell, Graeme Tullidge, B.A.	1967
*Powell, Harold, M.B., B.S.	1913
Powell, Kathleen Naomi, B.A.	1925
Powell, Miriam Athalie, B.A.	1927
Power, Barry Patrick, LL.B.	1966
Power, Frances Maureen, B.A.	1951
Power, Francis Bryan, B.Ec.	1951
Power, John Leslie, LL.B.	1922
Powrie, James Kelvin, M.Sc.	1951
Powrie, Robert Malcolm, M.B., B.S.	1956
Poynton, John Orde, M.D. (Cambridge, 1941)	1948
Poynter, John William, B.A.	1965
Pozhidajev, Helen, B.A.	1964
Pozza, Trevor Francis Hugh, M.B., B.S.	1967
Prager, Rolf Herman, Ph.D. (Sydney, 1963)	1965
Pratt, Bryan Harry, Ph.D. (B.Ag.Sc., 1962)	1966
Pratt, Ian James, B.Tech.	1967
Pratt, John, B.Sc.	1964
Pratten, Raymond Douglas, B.Sc.	1952
Preece, Julia Anne, B.A.	1949
Preece, Kathleen Mary, B.A.	1952
Preedy, Winifred Edna, B.D.S.	1927
Preis, Wolfgang Victor, B.Sc.	1966
Prenzler, Theodor Carl, B.A.	1955
Prescott, Rupert Warre, B.A.	1930
Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919)	1924
D.Sc.	1932
Prescott, John Russell, B.Sc.	1944
Presgrave, David Kenneth, B.Tech.	1958
Preskett, Malcolm, B.Tech.	1963
Presley, Charles Frederick, B.A. (Wales, 1950)	1959
Prest, David Harris, B.Sc.	1953
Prest, Elizabeth Maurine, M.B., B.S.	1951
Prest, Henry Gordon, M.B., B.S.	1925
Prest, Jennifer Anne, B.A.	1957
Prest, Kathleen Mary, B.A.	1966
Prest, Robert Henry, B.A.	1957
Preston, John Arthur Rowland, M.B., B.S.	1955
Preston, Tom, B.E.	1924
Price, Sir Archibald Grenfell, M.A. (Oxford, 1919)	1920
D.Litt.	1932
Price, Charles Archibald, B.A.	1944

* Deceased

Price, Charles William Russell, M.B., B.S. 1932
 Price, Clive Ellsworth, Ph.D. (London, 1964) 1966
 Price, Ione Dorothy, B.A. 1948
 Price, Isobel Phebe, B.Sc. 1964
 Price, James Robert, D.Sc. (B.Sc., 1932; M.Sc., 1935) 1954
 Price, Joan Isabel, B.A. 1938
 Price, Judith Helen, B.Sc. 1961
 Price, Kenneth Bonamy, B.A. (Oxford, 1949) 1951
 Price, Stanley Malcolm, B.App.Sc. 1967
 Price, Trafford Conor, B.Sc. 1957
 Price, Winifred Vera, B.A. 1949
 Pridler, Valentine Aubrey Hamilton, B.A. 1951
 Pridham, Geoffrey Jasper, LL.B. 1953
 B.A. 1955
 Pridham, Anthea Deidre, B.A. 1966
 Pridham, Lancelot Robert, B.Sc. 1947
 Pridmore, Brian Roy, M.B., B.S. 1964
 Pridmore, Kenneth George, B.Tech. 1964
 Pridmore, Roy Vernon, B.Sc. 1925
 M.B., B.S. 1929
 Priebsenow, Arthur David, B.A. 1960
 Priebsenow, Clarence Raymond, B.A. 1958
 Priest, Amy Grace, M.A. (B.A., 1920) 1923
 Priest, Reginald Arthur, B.Sc. 1951
 Priestley, Alison Maude, B.A. 1965
 Prima, Inne-Lee, B.A. 1965
 Prime, Andree Joyce, B.A. 1945
 Prime, Henry Ashworth, M.Sc. (Manchester, 1946) 1954
 Prince, Erica Lloyd, B.A. 1913
 Prior, Graham Clifton, LL.B. 1960
 Prior, Jill Margaret, B.A. 1967
 Prior, Mary Dene, M.B., B.S. 1963
 Pritchard, John Joseph, B.Sc. 1934
 Pritchard, John Nelson, B.A. 1954
 Pritchard, Robert Keith, B.Ag.Sc. 1953
 B.A. 1961
 Pritchard, Vita, B.A. 1941
 Probert, James Keith Stewart, B.Sc. 1951
 B.Tech. 1962
 Proctor, Ivy Millicent, B.A. 1935
 Proctor, Rose Emily, B.A. 1934
 Proskoe, Uwe, B.Sc. 1963
 Prosser, Victor Albert, B.Ec. 1951
 Proud, Millicent Farrer, M.A. (B.A., 1912) 1915
 Proudman, Dorothy Mena, B.A. 1951
 Proudman, William David, M.B., B.S. 1952
 Prouse, Kenneth George, B.A. 1948
 Provis, Kenneth Alfred, Ph.D. (Reading, 1958) 1963
 Provis, Douglas Franklin, B.Sc. 1950
 Provis, Victoria Helen, B.A. 1963
 Pruil, Hendrik, B.Sc. 1965
 Pruil, Vaika, 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, 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, Ize, B.A. 1962
 Pukisand, Harry, B.E. 1956
 Pulford, James Charles, B.Tech. 1963
 Pullen, Roger Martin, B.Tech. 1967
 Pullin, Dean Russell, B.E. 1958
 Pullman, Brian James, Ph.D. (B.Sc., 1958; M.Sc., 1960) 1964
 Purcell, Wendy Joan Frances, B.A. 1962
 LL.B. 1966
 Purdam, Irving, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) 1950

Purdham, Robert Keith, B.E. 1951
 Purdie, Helen, B.A. 1966
 Purslow, Martin, B.A. 1953
 Purton, David Gabriel, M.A. (B.A., 1916) 1918
 Puust, Teet, B.Tech. 1967
 Pyne, Maurice Ignatius, M.A. (B.A., 1924) 1930
 Pyne, Remington John, M.B., B.S. 1953
 Pynor, Donald Edward, B.D.S. 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, 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
 Rahone, Harry Klements Percival, B.A. 1939
 Radcliffe, John Clive, B.Ag.Sc. 1960
 Radcliffe, Sheila, B.A. 1944
 Radden, 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, M.Sc. (B.Sc., 1949) 1952
 Radzevicius, Laima Ann, B.A. 1966
 Raffin, 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
 Raimnie, 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
 Raibhandary, 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) 1964
 Ramsay, James David, B.Tech. 1966
 Ramsay, Janet Kay, B.A. 1964
 Ramsay, Robert Duncan, B.E. 1965
 Ramsey, Alfred Maxwell, B.Ec. 1951
 Ramsey, Douglas Peter, B.Sc. 1965
 Ramsey, Gregor Allen, B.Sc. 1958
 Ramsey, John Andrew Benjamin, M.B., B.S. 1968
 Ramsey, Michael Campbell, B.Ag.Sc. 1961
 Ramsay-Matthews, Graham, B.A. 1966
 Rance, George Howe, B.Sc. 1935
 Randall, Robert Bond, B.Tech. 1961
 Randall, Allan Elliott, M.B., B.S. (M.B., Ch.B., Melbourne, 1897) 1897
 Randall, 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, Mervyn Alexander, M.Sc. (B.Sc., 1927) 1931
 Rankin, Robert, B.App.Sc. 1967
 Rankine, Alexander Mackenzie, M.B., B.S. 1952
 Rankine, Bryce Crosslev, M.Sc. (B.Sc., 1945) 1953
 Rao, Paluri Sundara, Ph.D. 1967
 Rao, Pappu Durga Prnsade, M.Sc. 1967
 Rao, Ravindra Pratap, Ph.D. 1966
 Rao, Velamury Raghavendra, Ph.D. 1956
 Raptis, Constantinos, M.B., B.S. 1965
 Rasch, John, B.E. 1952

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Rasch, Marjorie, B.Sc.	1956	Reid, Gordon Stanley, Ph.D. (London, 1957)	1958
M.B., B.S.	1966	Reid, Gordon Stephen, B.A.	1954
Rasheed, Kenneth Michael, B.E.	1955	*Reid, John Douglas, M.B., B.S.	1954
Ratcliff, Douglas, B.Sc.	1967	Reid, John Graham, M.B., B.S.	1954
Ratcliffe, Ashleigh Fiander, B.Sc.	1963	Reid, Max Bertram, M.B., B.S.	1937
Ratcliffe, Julian Wayne, B.Sc.	1964	Reid, Neville Collison, B.Ec.	1956
Rathjen, Anthony John, B.Ag.Sc.	1962	Reid, Robert Leighton, M.A. (B.A., 1953)	1954
Rathmann, Leonard Herbert, B.E.	1961	Reid, Ross Stevenson, B.D.S.	1965
Rattigan, John Herbert, M.Sc. (B.Sc., 1948)	1955	Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947)	1956
Rattley, John Anthony Charles, B.Sc.	1964	Reid, William Lister, M.B., B.S.	1931
Ratray, Charles McNab Iverson, B.Sc.	1962	Reilly, Patrick John, M.B., B.S.	1928
Ratz, Alfred Egon, B.A.	1961	Reilly, Peter Lawrence, B.Med.Sc.	1963
Raud, Rasmus, B.Tech.	1958	M.B., B.S.	1966
Raupnach, Maxwell, M.Sc. (B.Sc., 1945)	1954	Reilly, Philip Herbert, B.D.S.	1940
Rawat, Rishi Ram, Ph.D.	1958	Reilly, Robert Neil, M.B., B.S.	1933
Rawnsley, Stella, B.A.	1960	Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	1935
Rawolle, Keith Charles, B.Sc.	1961	Reimann, Valesca Leonore Olive, M.A. (B.A., 1910)	1914
Ray, Angus Charles, LL.B.	1943	Reiners, John Alexander, B.D.S.	1950
Ray, John, M.B., B.S.	1936	Reinfelds, Juris, Ph.D. (B.Sc., 1958)	1963
Ray, William Robert, B.A.	1933	Reinfelds, Gundega, B.Sc.	1961
Ray, Walter Vernon, LL.B.	1907	Reinpuu, Willi, B.Tech.	1960
Raymond, Ira Doley, M.A. (Western Australia, 1951)	1964	Reintals, Voldemar, B.E.	1960
Raymond, John Lynton, B.Sc.	1967	Reisonas, Ivis John, B.E.	1957
Raymond, Malcolm Leslie John, B.Tech.	1967	Reiss, James Allan, B.Sc.	1964
Raymond, Trevor Ralph, B.Sc.	1964	Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902
Rayner, Colin Robert, B.Ec.	1960	Remeljei, Wolfgang Werner, B.Sc.	1963
Rayner, George Percival, B.A.	1920	Remilton, John Robert, M.B., B.S.	1953
Rayner, William Henry, B.A.	1907	Rendell, Alan, B.A.	1930
Read, Anthony Llewellyn, B.E.	1961	Rendell, Anthony Alan, B.A.	1962
Read, Clarence Percy, B.A.	1959	Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952
Read, David Keith, B.Tech.	1964	Renfrey, Arthur William, B.Ec.	1959
Read, Frances Margaret, B.Sc.	1961	Renfrey, Lionel Edward William, B.A.	1938
Read, John Herbert, B.A.	1949	Reini, Bruno, M.B., B.S.	1956
Read, John Maidment, B.Sc.	1966	Renner, Johannes Theodore Erich, B.A.	1950
Read, Norman George, M.Sc. (B.Sc., 1943)	1945	Renney, John Thomas Goodchild, M.B., B.S.	1955
Read, Peter John, B.Ec.	1959	*Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919
Read, Philip Andreas, B.A.	1930	Resek, Marietta, B.A.	1964
Read, Philip Kimble, B.Tech.	1964	Retallick, Alan John, B.E.	1955
Read, Wendy Margaret, B.A.	1964	Retallick, Bruce James, B.A.	1935
Reade, Peter Clarence, Ph.D. (M.D.S., 1963; B.D.S., 1952)	1965	B.Sc.	1939
Reade, Robert Victor, B.A.	1964	Retallick, Robin Mark, B.Tech.	1967
Reardon, Mary Dulcie, B.A.	1952	Reuter, Colin Albert, B.D.S.	1955
Rechner, Russell Jay, B.Ec.	1961	Reuter, Douglas James, B.Ag.Sc.	1963
Redcliffe, Owen Andrew, B.Sc.	1965	Revalk, Jacqueline Ann, B.A.	1967
Redden, Martin Philip, B.A.	1933	Reynolds, Beatrice Mary Heywood, B.A.	1924
Redden, Patricia Eileen, B.A.	1966	Reynolds, Bevan William, B.D.S.	1959
Redden, Robert John, B.Ag.Sc.	1965	Reynolds, Geoffrey Dennison, B.Sc.	1964
Redin, Lewis Charles, B.A.	1956	Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958
Redman, James Johnston, LL.B.	1935	Reynolds, Howard, B.Sc.	1950
Redman, Susan Paquita, B.A.	1963	Reynolds, James Alan, B.E.	1953
Redmond, John Bice, B.E.	1946	Reynolds, John Heywood, B.A.	1928
Redmond, John William, B.Sc.	1964	Reynolds, Lilo, B.A.	1948
Redpath, Lynda Rosamond, B.A.	1961	Reynolds, Maxwell Andrew, B.Sc.	1951
Redstone, Frank, B.A.	1957	Reynolds, Maxwell Stanley, B.A.	1948
Redway, John Alfred George, B.E.	1955	Reynolds Brown, Elizabeth Margaret, LL.B.	1966
Reed, Barbara, B.A.	1954	Reznikov, Michael, B.Sc.	1965
Reed, Catherine Elaine Thornton, B.A.	1966	Rhodes, George Anthony, M.B., B.S.	1963
Reed, Denis John, B.Tech.	1961	Rhodes, Gwendoline Maude, LL.B.	1939
Reed, Eileen Ruth Lathleen, B.Sc.	1919	Rhodes, Lawry James, B.Tech.	1962
Reed, Sir Geoffrey Sandford, LL.B.	1913	Rhymer, Lorna May, B.A.	1957
Reed, John Tweedie Thornton, B.A.	1967	Rice, Brian George, B.Sc.	1954
Reed, Margaret Doris, B.Sc.	1955	Rice, John David, M.B., B.S.	1930
*Reed, Mary Ethel Hayter, M.B., B.S.	1924	Rice, John Peter, M.B., B.S.	1961
Reed, Mary Prudence, B.A.	1967	Rice, Lawrence John, M.B., B.S.	1948
Reed, Philip James, B.Sc.	1967	Rice, Michael Scollin, M.B., B.S.	1959
Reed, Robert David Geoffrey, B.E.	1950	Rice, Phillip John, LL.B.	1951
Reed, Robert Maxwell, M.B., B.S.	1967	*Rice, Therese Marie, M.A. (B.A., 1942)	1947
Reed, Thomas Thornton, M.A. (Melbourne, 1927)	1929	Rice, Vincent de Paul Lawrence, M.B., B.S.	1933
D.Litt	1954	Rice, Vivien Christine, B.A.	1966
Reedman, Cole Warren, B.Ec.	1960	Rice, William Mitton, B.E.	1953
Rees, Harold Mitchell, M.B., B.S.	1924	Riceman, David Stirling, D.Sc., (M.Sc., 1947)	1959
Rees, John David, B.Sc.	1953	Riceman, Mary Stirling, B.Sc.	1965
Reeves, Edith Louie, B.A.	1945	Riceman, William David, B.Sc.	1966
Reeves, George Wheatley, B.Ag.Sc.	1967	Richards, Anthea Ellen, B.Sc.	1963
Reeves, Leopold Hugh Duncan, Ph.D.	1964	Richards, Anthony Howard, B.Sc.	1965
Reeves, Rupert Kirk, M.B., B.S.	1926	*Richards, Archibald Charles, M.A. (B.A., 1922)	1927
Rehn, Denzil Farnham, B.A.	1955	Richards, Brian Gordon, B.E.	1956
Rehn, Peter Francis, B.E.	1963	Richards, Bruce Leslie, B.Tech.	1959
Reichstein, Lance Eric Harold, B.E.	1922	Richards, Cecil Albert, M.A. (B.A., 1924)	1929
Reid, Arthur Douglas, M.B., B.S.	1924	B.Sc.	1931
Reid, Bruce James, B.A.	1962	Richards, Christopher Marc Barber, B.Sc.	1967
Reid, David Argyll Campbell, B.E.	1949		
Reid, Donald Peter, M.B., B.S.	1956		
Reid, Douglas Rusk, B.Tech.	1959		
Reid, Elizabeth Ellen, B.A.	1933		

* Deceased

Richards, Clarence, B.Sc.	1915	Roberts, Alan Carlyle, M.B., B.S.	1964
M.B., B.S.	1919	Roberts, Allen Bruce, B.E.	1967
Richards, David John, B.Tech.	1961	Roberts, Arthur Bruce, LL.B.	1922
Richards, Dudley Lewis, LL.B.	1931	Roberts, Beryl Irene, B.Mus.	1965
Richards, Eric Dean, M.B., B.S.	1951	Roberts, David Brian, B.E.	1965
Richards, Eva Gertrude, B.A.	1914	Roberts, David Pearson, B.Sc. (Eng.)	1947
Richards, Fred Kither, B.Ec.	1956	Roberts, Deidre Marie, B.A.	1966
*Richards, Sir Frederick William, LL.D.		Roberts, Douglas Patrick, B.Sc.	1966
(London, 1896)	1897	Roberts, Ernest Albert Kevin, B.A.	1962
Richards, Gordon Alfred, B.A.	1937	Roberts, Franklyn Clarke, B.Tech.	1964
Richards, James Ross, M.B., B.S.	1954	Roberts, Ian Noel, B.E.	1964
Richards, Kenneth Ross, B.Sc.	1948	Roberts, Ivor Charles, M.B., B.S.	1952
Richards, Maxwell John, M.B., B.S.	1954	Roberts, James Francis, B.Ec.	1966
Richards, Newell John, B.Sc.	1967	Roberts, Jennefer Mary, B.A.	1959
Richards, Ronald Roy, B.Ag.Sc.	1951	Roberts, Jillien Mary, LL.B.	1949
Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951	Roberts, John Barry, B.Sc.	1957
Richards, William Edward, B.A.	1932	Roberts, John Desmond, B.A.	1953
Richardson, Alan James, B.A.	1963	Roberts, Joseph Armistice, M.B., B.S.	1950
Ph.D.	1967	Roberts, Karen Christina, B.A.	1967
Richardson, Barry Gilbert, B.Ec.	1962	Roberts, Marcia Anne, B.A.	1963
Richardson, Frances Helen, B.A.	1965	Roberts, Michael Lawrence, B.D.S.	1967
Richardson, John Milton, B.Ag.Sc.	1952	Roberts, Nancy Mowbray, B.A.	1947
Richardson, John Patrick, M.B., B.S.	1952	Roberts, Peter Michael, B.E.	1962
Richardson, Middleton Bart, B.Sc.	1941	Roberts, Richard Gregory Dennis, B.Sc.	1966
Richardson, Noel Lewis, B.Ag.Sc.	1963	Roberts, Richard Leslie, B.E.	1953
Richardson, Patricia Sophia, M.B., B.S.	1937	Roberts, Robert Edward, B.Tech.	1964
Richardson, Ralph Stuart, B.E.	1967	Roberts, Robin Lea, B.A.	1939
Richardson, Robert William, B.E.	1953	B.Ec.	1956
Richardson, Ruth Mary Desmond, B.A.	1954	Roberts, Ronald Sydney George, B.Tech.	1961
Richardson, Walter Murray, B.Sc.	1951	Roberts, Roy, B.A.	1956
Richardson, Warren Anthony, B.E.	1965	Roberts, Sheila Margaret, B.A.	1959
Richardson, William Arthur Ridley, B.A.		Roberts, Terence James, B.E.	1964
(Oxford, 1950)	1966	Roberts, Thomas Albert, B.Ec.	1967
Richmond, James Malcolm, B.A.	1961	Roberts, Timothy Kilgour, B.Sc.	1967
Richter, Gunter Walter, B.A.	1965	Roberts-Thomson, Mary Elizabeth, M.B., B.S.	1967
Rickard, Craeme Robert, B.Sc.	1963	Robertson, Alfred Bentley, B.E.	1942
Riddell, Frank Scouler, M.B., B.S.	1953	Robertson, Allison Alexander, B.E.	1952
Ridge, Nancy Pamela, B.A.	1966	Robertson, Andrew Derek, B.D.S.	1961
Ridgway, Phillipa Mary, B.A.	1967	Robertson, Angus Reid, M.B., B.S. (Manchester, 1956)	1967
Ridings, Anthony James, M.B., B.S.	1967	Robertson, Anthony Oliver, M.B., B.S.	1956
Ridley, Kenneth Floyd, B.Tech.	1963	Robertson, Betty Ann Fotheringham, B.A.	1948
Rieck, Bruce William Jarrett, LL.B.	1963	Robertson, Christopher Lumley, M.B., B.S.	1957
Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957	Robertson, Clara Enid, B.A.	1929
Riedel, Felix Daniel, B.A.	1950	Robertson, Colin Frank, M.B., B.S.	1954
Riedel, Melita Wanda, Mus.Bac.	1920	Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954
Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952	Robertson, Donald Alexander, LL.B.	1934
Riegel-Huth, Jill Penelope Ann, B.A.	1966	Robertson, Gwendoline Katherine, B.Sc.	1948
Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919	Robertson, Hall, B.E.	1948
Rieger, Richard Anthony, M.B., B.S.	1958	Robertson, Helen Jean, B.Sc.	1965
Riggs, Brenton John, B.Ec.	1966	Robertson, Ian, M.B., B.S. (M.B., Ch.B., Cape Town, 1948)	1963
Riggs, Noel Victor, B.Sc.	1942	Robertson, Ian Robert, B.E.	1948
Rigter, Gerard Theodore Joseph, B.A.	1960	Robertson, Iris Esther, M.A. (B.A., 1923)	1925
Riley, John, M.B., B.S.	1953	Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950
*Riley, Mabel, B.A.	1908	Robertson, Janet Marian, B.A.	1960
Riley, Maxwell Stephen, B.Tech.	1967	Robertson, John Charles, B.E.	1960
Rimes, Garnet Dean, B.Sc.	1950	Robertson, Kenneth Alexander, B.A.	1954
Rimmer, David Barry, B.E.	1961	Robertson, Kenneth James, M.D.S. (B.D.S., 1940)	1953
Rinfret, The Right Honourable Thibaudeau, P.C., LL.D. (McGill)	1951	Robertson, Leon Medley, B.E.	1951
Ringwood, Pamela Elsie, LL.M.	1965	Robertson, Leith Stanley, B.A.	1966
Riordan, Jillian Mary, B.A.	1965	Robertson, Malcolm Lindsay, LL.B.	1963
Rippert, Reinhart, M.B., B.S.	1957	Robertson, Margaret Jean, B.A.	1956
Risby, John Young, B.Ec.	1962	Robertson, Nancy Douglas, B.Sc.	1945
Rischbieth, Henry George, M.B., B.S.	1942	Robertson, Robert James, B.Sc.	1966
Rischbieth, John Ross, B.Sc.	1937	Robertson, Robert Malcolm, B.Ec.	1962
Rischbieth, Oswald Henry Theodore, B.A.	1909	Robertson, Ronald Peter, M.B., B.S.	1945
Rischbieth, Richard Harold Charles, M.B., B.S.	1951	Robertson, Rutherford Ness, D.Sc. (Sydney, 1961), F.R.S.	1963
Risely, Barrie Grenville, B.Sc.	1956	Robertson, Sydney Clifford, B.Sc.	1922
Risely, Dennis John, B.Sc.	1962	M.E. (B.E., 1924)	1935
Risticz, Alexander, B.Sc.	1967	*Robertson, Thorburn Stirling Brailsford, B.Sc.	1948
Ritchie, Jean Frances Ann, B.A.	1967	M.B., B.S.	1953
Ritchie, Robert William, B.Ec.	1965	Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1953
Ritenis, Indulis, M.B., B.S.	1955	Robertson, William Roy, B.E.	1959
Ritenis, Janis, M.A.	1967	Robin, Angus Geoffrey, B.Sc.	1952
Ritson, Robert John, M.B., B.S.	1962	Robin, David Rex, B.Tech.	1960
Rivett, Leo James, B.Tech.	1964	Robin, Philip Wendover, B.E.	1959
Rivett, Mary Irene, B.A.	1967	Robins, Robert William, B.A.	1966
Rix, Areta, B.A.	1938	Robinson, Arthur James, B.E. (Melbourne, 1929)	1937
Roach, Desmond Michael, B.E.	1952	Robinson, Donald Neile, M.B., B.S.	1948
*Roach, John Carlyle, B.E.	1921	Robinson, Edgar, LL.B.	1912
Roach, John Robert, Ph.D. (B.E., 1960)	1966	Robinson, Edwin George, M.Sc. (B.Sc., 1941)	1947
Roach, Rodney Barrington, B.D.S.	1963		
Roark, Bruce Archibald, Ph.D.	1956		
Robbins, Thomas Fellows, B.E.	1940		
Robert, Douglas Bower, B.Sc.	1942		
Robert, John Douglas, B.E.	1966		
Roberts, Alan, B.A.	1967		

* Deceased

Robinson, Erroll Harry Crosby, B.A.	1967
Robinson, James Bennett, B.Ag.Sc.	1963
Robinson, John Walton, B.E.	1957
Robinson, Jocelyn Hazel, B.A.	1966
Robinson, Laurence Charles, M.Sc.	1959
Robinson, Marie Patricia, B.A.	1941
Robinson, Mary Kelly, M.Sc. (B.Sc., 1947)	1951
Robinson, Michael Alexander, M.B., B.S.	1954
Robinson, Michael Laurence, B.E.	1959
Robinson, Philip Arthur, B.E.	1962
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.	1965
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.	1932
Rogers, Jeffrey Noble, B.Ec.	1962
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.	1962
Rogers, Lesley Patricia, B.A.	1964
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	1961
Rogers, Peter Lindsay, B.E.	1925
Rogers, Roderick Westgarth, B.Sc.	1963
Rogers, Ruth Nellie, B.A.	1965
Rogers, Theodore Stansfield, B.E.	1955
Rogers, Warren McIntosh, LL.B.	1928
Rogers, William Percy, Ph.D. (London)	1958
Rogerson, Arthur, M.A. (Oxford, 1954)	1959
Rohan, Gregory John, B.D.S.	1952
Rohan, Paul, M.E.	1967
Rohrlach, Kenneth Deane, B.Sc.	1966
Rohrlach, Neville Crawford, B.Tech.	1963
Rohrsheim, Geoffrey Charles, B.Ec.	1964
Rolfe, Penelope Susan, B.Sc.	1962
Rolland, James Alexander, M.B., B.S.	1965
Rolland, James Alexander Bryan, M.B., B.S.	1966
Rolland, William Maitland, B.A.	1917
Rollison, John William, M.B., B.S.	1943
Rolland, Andrew Kenneth, M.B., B.S.	1936
Roman, Desmond, B.Med.Sc.	1925
Roman, M.B., B.S.	1964
Ronai, Tibor, M.B., B.S.	1962
Ronald, Ian Douglas, B.D.S.	1965
Roney, Bruce Deane, B.Sc.	1965
Rook, Kevin Maxwell, B.Sc.	1947
Rooney, Andrew David, B.Tech.	1967
Rooney, Clifford, B.Sc.	1929
Rooney, Gwennyth Minnie, B.A.	1934
Rooney, Lois Josephine, B.A.	1945
Rooney, Marjorie Winnifred, B.A.	1949
Rooney, Meredith Jean, B.A.	1961
Roose, Willem Adriaan, B.A.	1964
Roper, Bruce Malcolm, B.A.	1965
Roper, John McEwen, B.Sc.	1966
Roper, Robert George, Ph.D. (B.Sc., 1957)	1963
Rose, Cathrine Margaret, B.A.	1957
Rose, Gordon Albert, B.E.	1951
Rose, Jillian Isobel, B.A.	1963
Rosenberg, Leopold Henry, B.A.	1963
Rosenberg, Mendel Wolf, M.B., B.S.	1942
Rosenfeldt, Franklin Lawrence, M.B., B.S.	1964
Rosenhain, Geoffrey, M.A. (B.A., 1941)	1950
Rosenstein, Nicholas Felix, M.B., B.S.	1956
Rosenthal, Robert Milton, B.A.	1964
Rosman, Frank Edgar, B.Sc.	1908
Ross, Alexander David, D.Sc. (Glasgow)	1926
Ross, Dudley Bruce, LL.B.	1914
Ross, Graham Frank, B.A.	1967
Ross, Margaret Anne, B.A.	1964
Ross, Maxwell Alexander, M.Ag.Sc., (B.Ag.Sc., 1959)	1966
Ross, Nadeen Adoree, B.A.	1951
Ross, Robert Harvey Montgomery, B.Sc.	1967
Ross, Robert Henry, M.B., B.S.	1962
Ross, Ruth Elizabeth, B.A.	1963
Ross, Sydney George Frederick, B.E.	1949
Ross, William Alexander, LL.B.	1947
Rossiter, Dean Edward, B.Sc.	1965
Rossiter, James Leonard, M.A. (B.A., 1910)	1912
Rostek, Lydia, B.A.	1966
Round, David Keith, B.Ec.	1966
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Routley, Peter Herbert, B.A.	1959
Roveda, Sidney Ivor Luigi, B.D.S. (B.D.Sc., Queensland, 1953)	1963
M.D.S.	1965
Rowan, Ian Stanley, B.Sc.	1965
Rowe, Albert Percival, B.Sc. (London, 1922)	1948
Rowe, Allan Gordon, M.B., B.S.	1942
Rowe, Colin Davies, LL.B.	1934
Rowe, Colin Trevor, B.Ec.	1960
Rowe, Dean Donald, B.Tech.	1964
Rowe, Eric Nielsen, B.E.	1960
Rowe, Ernest John, B.Ec.	1962
Rowe, Ernest Thomas, B.Sc.	1920
Rowe, Fletcher David, M.B., B.S.	1945
Rowe, George Eddy, B.Ec.	1956
Rowe, James William, B.E.	1965
Rowe, Jeffrey Edward, B.Sc.	1967
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered)	1949
Rowe, Robert Mountjoy, B.E.	1966
Rowe, Ronald, M.B., B.S.	1954
Rowe, Stanley Edgar, B.Sc.	1950
Rowe, Trevor John, B.A.	1962
Rowe, William Vivian, M.B., B.S.	1948
Rowell, Hugh Grant, B.A.	1965
LL.B.	1965
Rowell, Jack Alan, M.Sc. (Leeds, 1964)	1965
Rowell, Keith Addison, B.E.	1933
Rowland, John Howard, LL.B.	1937
Rowlands, Edward John, B.Sc.	1948
Rowley, Derrick, M.D. (London, 1957)	1965
Rowley, Rex Cameron, B.Sc.	1951
Rowney, Barry Glencoe, B.Arch.	1964
Roy, Alexander Bilton, D.Sc. (Edinburgh, 1957)	1960
Roy, Bimal Chandra, B.D.S.	1956
Royal, Donald Norman, B.E.	1962
Royal, Ian Morris, B.A.	1963
Rozenbils, Jeff Girts, M.B., B.S.	1960
Rozenbils, Maris Atis Michael, M.B., B.S.	1961
Ruangsuvan, Charu-Udon, B.E.	1964
Rudd, Daryl Arthur, B.Sc.	1961
Rudd, Douglas John, B.E.	1961
Rudd, Eric Aroha, B.Sc.	1930
Rudd, Christopher Lloyd, B.Ag.Sc.	1964
Rudd, Kenneth Clive, B.A.	1947
Rudé, George Frederick Elliot, Ph.D. (London, 1950)	1961
D.Litt.	1967
Rudrum, Alan William, B.A. (London, 1954)	1959
Rudzki, Zbigniew, B.Sc.	1966
Ruediger, Malcolm Milton, B.A.	1954

* Deceased

Rugless, David John, B.D.S.	- - - -	1963
Rugless, Helen Louise, B.A.	- - - -	1964
Ruiter, Jan Harm, M.Sc.	- - - -	1965
Rumball, Bruce Lansley, B. Tech.	- - - -	1958
Rumbelow, Denis, B.Sc.	- - - -	1963
Rumbelow, William Godfrey, B.A.	- - - -	1966
Rumpff, Sally Anne, B.A.	- - - -	1962
Rungie, John Michael, B.Sc.	- - - -	1967
Rush, Gillian Mary, M.B., B.S.	- - - -	1960
Russ, Peter James, B.Sc.	- - - -	1965
Russell, Albert William, M.B., B.S.	- - - -	1949
Russell, Alexander Richard, B.Tech.	- - - -	1961
Russell, Alfred Burgess, M.B., B.S.	- - - -	1919
Russell, Anthony Vincent, LL.B.	- - - -	1967
Russell, Eric Alfred, B.Ec. (B.Com., Melbourne, 1943)	- - - -	1954
Russell, Ernest Albert Harold, M.B., B.S.	- - - -	1911
Russell, Ernest Alfred David, M.B., B.S.	- - - -	1949
Russell, Frank Henderson, B.E.	- - - -	1950
Russell, Janet Barbara, M.B., B.S.	- - - -	1947
Russell, John Samuel, B.Ag.Sc.	- - - -	1948
Russell, John Victor, B.Arch.	- - - -	1961
Russell, Peter Clifford, B.E.	- - - -	1967
Russell, Peter John, B.A.	- - - -	1967
Russell, Robert Alfred, M.B., B.S.	- - - -	1943
Russell, Ronald Edyvane, M.B., B.S.	- - - -	1948
Russell, Ronald Thomas, B.Sc.	- - - -	1957
Russell, Vance Seymour, B.Sc.	- - - -	1964
Russell, Walter Alfred, M.B., B.S.	- - - -	1935
Russell, Walter John, M.B., B.S.	- - - -	1962
Russo, Eugene, B.Sc.	- - - -	1967
Ruthven, Max Graham, B.Sc.	- - - -	1961
Rutland, Rupert William Royce, Ph.D. (London, 1958)	- - - -	1967
Rutter, John Lyall, M.B., B.S.	- - - -	1958
Rutter, Wendy Lorraine, B.A.	- - - -	1964
Ruys, Jan, B.Sc.	- - - -	1964
Ryan, Brendan Patrick, B.Sc.	- - - -	1963
Ryan, Desmond Francis, B.Tech.	- - - -	1965
Ryan, Edward Clifford Lee, M.B., B.S.	- - - -	1935
Ryan, Gerald Anthony, M.D. (M.B., B.S., 1959)	- - - -	1967
Ryan (nee Pank), Gladys Ruth, B.A.	- - - -	1933
Ryan, John William, B.Ag.Sc.	- - - -	1950
Ryan, Maurice John, B.Ec.	- - - -	1958
Ryan, Michael Rupert, B.E.	- - - -	1939
Ryan, Naomi Rosslyn, M.B., B.S.	- - - -	1940
Ryan, Peter Donald, M.B., B.S.	- - - -	1967
Ryan, Peter William, B.E.	- - - -	1965
Ryan, Sydney Lawrence, B.A.	- - - -	1956
Ryan, Victor Lloyd Percival, LL.B.	- - - -	1938
Ryan, William James, B.E.	- - - -	1966
Rymill, Frances Carstairs, B.A.	- - - -	1936
S		
Sabaratnam, Jegathesan, M.B., B.S.	- - - -	1957
Sabel, John Adolph, B.A.	- - - -	1959
Sabine, Percy Victor Harvey, B.Sc.	- - - -	1966
Sabolich, Thomas Matthew, B.E.	- - - -	1952
Sacharias-Saarelinn, Nina, M.B., B.S.	- - - -	1957
Saddler, Bruce Alder, B.E.	- - - -	1931
Saddler, Hugh David Walter, B.Sc.	- - - -	1965
Saddler, Mark Lloyd Stratton, M.B., B.S.	- - - -	1967
Sadedin, David Roy, B.Tech.	- - - -	1963
Sag, Andrew Gabriel, B.E.	- - - -	1959
Sag, Thomas William, M.Sc. (B.Sc., 1961)	- - - -	1964
Sage, Harold Robert, B.A.	- - - -	1953
Sage, Helen Mary, M.B., B.S.	- - - -	1967
Sage, Michael Radford, M.B., B.S.	- - - -	1966
Sage, Robert Edward, M.B., B.S.	- - - -	1963
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948)	- - - -	1951
Sainsbury, Robert William James, B.E.	- - - -	1951
Saksena, Hari Krishna, Ph.D.	- - - -	1953
Salkeld, David Anthony, B.E.	- - - -	1964
Salleh bin Mohd Nor, B.Sc.	- - - -	1965
Salleh, Hussein bin Mohamed, M.B., B.S.	- - - -	1964
Sallis, Brian Leonard, B.Ec.	- - - -	1962
Sallis, John Dalwood, Ph.D. (B.Sc., 1958)	- - - -	1964
Sallis, Margaret Elsie, B.A.	- - - -	1961
Salter, Christine Frances, M.B., B.S.	- - - -	1965
Salter, Douglas Munro, M.B., B.S.	- - - -	1926
Salter, William Fulton, M.B., B.S.	- - - -	1936
Salveson, Donald Gordon, B.Tech.	- - - -	1960
Samaha, Todd Samuel, M.B., B.S.	- - - -	1954
Samcewicz, Zdzislaw Ryszard, B.E.	- - - -	1955
Samelowitz, Neil, M.B., B.S.	- - - -	1950
Sampson, Dulcie Joyce, Mus.Bac.	- - - -	1938
Sampson, John Coffey, B.D.S.	- - - -	1951
Samuel, Geoffrey, M.Sc. (B.Sc., 1921)	- - - -	1926
Samuel, Helen Josephine, B.A.	- - - -	1939
Samy, Arnold, B.Tech.	- - - -	1965
Sandeman, Ronald John, B.Sc.	- - - -	1951
Sanderoock, Alfred Mervyn, B.A.	- - - -	1936
Sanderoock, Charles, B.Sc.	- - - -	1963
Sanderoock, Edward Robert, B.Sc.	- - - -	1960
Sanderoock, Rex Glynde, B.Sc. (Eng.)	- - - -	1943
Sanders, Angelika Marie, M.B., B.S.	- - - -	1963
Sanders, Grace Annie, B.A.	- - - -	1920
Sanders, Harold William, B.A.	- - - -	1912
Sanders, Irma Mary, B.A.	- - - -	1943
Sanders, John Veysey, B.Sc.	- - - -	1944
Sanders, Mostyn Clifford, B.Sc.	- - - -	1944
Sanders, Robert William, B.E.	- - - -	1948
Sanders, Robin Ramsay, M.B., B.S.	- - - -	1966
Sanderson, John Gavin, Ph.D. (B.Sc., 1950; M.Sc., 1958)	- - - -	1967
Sanderson, Kenneth Villiers, M.B., B.S.	- - - -	1943
Sanderson, Peter James, B.Sc.	- - - -	1961
Sanderson, Peter Robin, B.E.	- - - -	1952
Sandery, Charles Arthur, LL.B.	- - - -	1963
Sandery, Peter Leonard, B.Sc.	- - - -	1963
Sandford, Alastair Wallace, M.A. (Oxford, 1937)	- - - -	1948
Sandford, Robert Max, B.Sc.	- - - -	1943
Sandison, Alexander, M.B. (Edinburgh, 1906)	- - - -	1906
Sandison, Alexander Geoffrey, M.B., B.S.	- - - -	1956
Sandhu, Ajeet Kaur, M.B., B.S.	- - - -	1961
Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - -	1945
Sando, Brian Gordon, M.B., B.S.	- - - -	1961
Sando, Clarice Melva, B.A.	- - - -	1955
Sando, Colin Joseph, B.Tech.	- - - -	1961
Sando, Eric John, M.B., B.S.	- - - -	1962
Sando, Maurice James Wilson, M.B., B.S.	- - - -	1953
Sandover, William Ewan, M.B., B.S.	- - - -	1951
Sandow, Jacynth Elizabeth, LL.B.	- - - -	1964
Sandow, Richard Henry, B.D.S.	- - - -	1951
Sands, Desmond Montague Willington, B.D.S.	- - - -	1934
Sangster, Alexander Keith, LL.B.	- - - -	1934
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	- - - -	1941
Sangster, David Flower, B.Sc.	- - - -	1945
Sangster, John Fraser, M.B., B.S.	- - - -	1966
Sangster, John William, M.B., B.S.	- - - -	1939
Sangster, Lesley Mary, B.A.	- - - -	1967
Sangster, Margaret Jane, LL.B.	- - - -	1967
Sansom, Joyce Mary, Mus.Bac.	- - - -	1947
Santhirasegaram, Kandaswamy, Ph.D.	- - - -	1964
Sarah, Neil, B.Ec.	- - - -	1961
Sargent, Rex James, M.B., B.S.	- - - -	1929
Sargeson, Alan McLeod, B.Sc. (Sydney, 1952)	- - - -	1957
Sarre, Donald Christopher, B.A.	- - - -	1965
Sarre, Malcolm Glen, M.B., B.S.	- - - -	1945
Sarre, Vera Georgina, B.A.	- - - -	1917
Sarre, Winifred Grace, B.A.	- - - -	1953
Sasse, Hans Christopher, M.A. (B.A., 1957)	- - - -	1960
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953)	- - - -	1957
Sastradipradja, Sastyatmodjo, B.E.	- - - -	1962
Satchell, Geoffrey Harold, Ph.D. (Leeds, 1945)	- - - -	1963
Sauer, Henri Hugo Albert, M.B., B.S.	- - - -	1952
Saulite, Elfrida, B.D.S.	- - - -	1952
Saunders, Bryan Gordon Reginald, M.A.	- - - -	1961
Saunders, Elizabeth Stuart, M.B., B.S.	- - - -	1960
Saunders, Graham Edward, M.A. (B.A., 1959)	- - - -	1965
Saunders, John Milton, M.B., B.S.	- - - -	1952
Saunders, Pepita Cerda, LL.B.	- - - -	1925
Saunders, Susan Gay, B.Sc.	- - - -	1967
Savage, Arthur Charles, M.B., B.S.	- - - -	1928
Savage, Charles Arthur, B.A.	- - - -	1954
Savage, Joseph Patrick, M.S. (M.B., B.S., 1954)	- - - -	1962
Sawers, Donald Alexander, B.Sc. (Eng.)	- - - -	1942
Sawers, Ronald John, M.B., B.S.	- - - -	1942
Sawicki, Thaddeus John, M.B., B.S.	- - - -	1958
Sawley, Darrell Frederick, B.Sc.	- - - -	1929
Sawley, Jennifer Ann, B.A.	- - - -	1959
Sawley, Roger John, B.E.	- - - -	1964
Sawyer, Phillip Charles, B.Sc.	- - - -	1966
Scales, Peter James, B.E.	- - - -	1961
Scales, Willie Arthur, LL.B.	- - - -	1930
Scammell, Stephen John, M.B., B.S.	- - - -	1967

* Deceased

Scarborough, Eric Charlton, B.E. - - -	1951	Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959
Scarborough, Lincoln John, B.Tech. - - -	1959	Schwarz, Eugene Robertson, B.Sc. - - -	1939
Scarce, John Desmond, B.E. - - -	1957	Schwarz, Philip John David, M.B., B.S. - - -	1957
Scarfe, Elwyn Bewell, LL.B. - - -	1940	Schwarz, Rodney Lawrence, B.Tech. - - -	1965
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Scobie, John Hedger, M.B., B.S. - - -	1949
Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926)	1934	Scoble, Sidney John, B.A. - - -	1936
Seaman, Ian Edwin, M.Ec. (B.Ec., 1960)	1967	Scollin, James, B.D.S. - - -	1932
Schache, Alma Olga Antonia, B.A. - - -	1909	Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928
Schaefer, Ronald, M.B., B.S. - - -	1956	Scott, Colin Muers Steele, M.B., B.S. - - -	1965
Schafer, Carl Hannaford, M.B., B.S. - - -	1919	Scott, Douglas Cussen, B.Sc. - - -	1955
Schafer, Helene Judith, B.Sc. - - -	1957	Scott, Geoffrey Frank, B.Tech. - - -	1964
Schafer, Marcia Marie, M.B., B.S. - - -	1963	Scott, Graham McLennan, B.Ec. - - -	1966
Schafer, Mark David, M.B., B.S. - - -	1963	Scott, Jeffrey Frank, LL.B. - - -	1949
Schafer, Max Ernest Hannaford, B.D.S. - - -	1923	B.Ec. - - -	1955
Schahinger, Janine Edith, B.A. - - -	1964	B.A. - - -	1967
Schapel, Jeffrey Gilbert, B.Sc. - - -	1965	Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953
B.E. - - -	1967	Scott, Nigel Steele, Ph.D. (B.Ag.Sc., 1961)	1966
Schaumloffel, Helen Louise, B.Sc. - - -	1967	Scott, Patricia Anne, B.A. - - -	1964
Schenk, John Robert, B.Arch. - - -	1964	Scott, Paul Raymond, Ph.D. - - -	1964
Schild, Maurice Edmund, B.A. - - -	1958	Scott, Philip Earle, B.E. - - -	1954
Schirmer, Gerhart Percy, B.Ec. - - -	1951	Scott, Roland Alexander David Byron, B.Sc. - - -	1960
Schlick, Werner Joscf, B.A. - - -	1964	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1913
Schmid, Laurence John, M.E. (B.E., 1959)	1963	Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1955
Schmidt, Lewis Walter, B.Sc. - - -	1940	Scragg, Roy Frederick Rhodes, M.D. (M.B., B.S., 1946)	1955
Schmidt, Peter John, B.Mus. - - -	1966	Scragg, Walter Robert Lambert, B.A. - - -	1950
Schmidt, Raymond Kevin, B.A. - - -	1962	Scriven, Murray Walter, B.A. - - -	1947
Schneider, Elizabeth Rose, B.Ag.Sc. - - -	1964	Scriven, Wilton Maxwell, B.Sc. - - -	1953
Schneider, Michael, M.B., B.S. - - -	1925	Scroop, Garry Campbell, M.B., B.S. - - -	1962
Schneider, Michael Philip, B.A. - - -	1955	Scrymgeour, Peter Robert, B.E. - - -	1956
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	1946	M.Arch. - - -	1964
Schneider, Walter Herman, M.E. (B.E., 1920)	1945	Seaman, Gilbert Frederick, B.Ec. - - -	1935
Schneider, Wilfred, B.E. - - -	1922	Seaman, Keith Douglas, B.A. - - -	1951
Schneider, Wilfred Carl, M.A. (B.A., 1929)	1932	LL.B. - - -	1955
Schober, Elizabeth Pauline, B.A. - - -	1966	Seaman, Robert Scott, B.Sc. - - -	1958
Schodde, Peter, B.Sc. - - -	1960	Seamark, Robert Frederick, B.Ag.Sc. - - -	1959
Schodde, Richard, B.Sc. - - -	1959	Searcy, Robert Phillip, B.Ec. - - -	1962
Schoell, Edwin Theodore, B.Tech. - - -	1967	Searle, Clifford Alfred James, B.A. - - -	1937
Schoff, Richard Frederick, B.App.Sc. (B.Tech., 1962, surrendered)	1964	Searle, Frederick John, B.A. - - -	1902
*Scholar, Ernest, B.A. - - -	1941	Searle, Glen Hartley, B.A. - - -	1966
Scholefield, Andrew James, B.A. - - -	1964	Searle, Graeme Hunter, Ph.D. (Australian National University, 1964)	1967
Scholefield, Judith Ellen, B.A. - - -	1962	Searle, Hartley Malcolm, B.A. - - -	1932
Scholefield, Robert Melville, B.A. - - -	1965	B.Sc. - - -	1935
Scholz, Desmond Alton, M.B., B.S. - - -	1967	Sears, Douglas Barker, Ph.D. (D.Phil., Oxford, 1949)	1965
Scholz, William Herbert, M.B., B.S. - - -	1954	Sears, Harold William, B.Sc. - - -	1943
Schomburgk, Ian Charles, B.Tech. - - -	1962	Searson, William George, B.E. - - -	1953
Schomburgk, Pauline Elizabeth, B.A. - - -	1961	Seaton, Arthur John, B.E. - - -	1960
Schroder, Clare Rebecca, B.Sc. - - -	1967	Secomb, Kevin Sidney, B.A. - - -	1966
Schroder, Ernest William, B.E. - - -	1955	Secombe, Margaret Joyce, B.A. - - -	1962
Schroder, Harold, M.E. (B.E., 1961)	1967	Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1959
Schroder, Judith, B.Sc. - - -	1950	Sedgwick, Antony William, B.A. (Birmingham, 1955)	1959
Schroeder, James Alfred, B.Sc. - - -	1961	Seary, Keith John, B.Tech. - - -	1958
Schroder, Peter Moreton, B.Ag.Sc. - - -	1967	Seedsman, Donald John, B.Sc. - - -	1948
Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1960	Seedsman, Kenneth Reginald, B.Sc. - - -	1951
Schubert, David Arthur, B.A. - - -	1964	Seekamp, Jack Victor, B.Ag.Sc. - - -	1942
Schubert, Frank Helmut, B.A. - - -	1934	Seliger, Mark Trevor, B.Ag.Sc. - - -	1965
Schubert, Heather Jean, B.A. - - -	1962	Seevaratnam, Joy Anandan, M.B., B.S. - - -	1960
Schubert, Jane Helen, B.A. - - -	1962	Seglenicks, Zigurds, M.B., B.S. - - -	1955
Schubert, Mark Theodor, B.Sc. - - -	1965	Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1945
Schudmak, Henry, M.B., B.S. - - -	1949	*Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1922
Schuetz, Harold Edwin, B.A. - - -	1953	Seidel, Ronald Desmond, B.Tech. - - -	1965
Schuller, Wendy Margaret, B.Sc. - - -	1960	Seidler, Jan Hynek, M.Sc. (B.Sc., 1950)	1954
Schultz, Gordon Ray, B.A. - - -	1950	Seipolt, Kevin Bruce, B.Sc. - - -	1966
Schultz, Jeffrey Elmore, B.Ag.Sc., - - -	1963	Seith, Wolfram Immanuel, M.B., B.S. - - -	1949
Schultz, Lance Franklin, B.A. - - -	1965	Selge, Bill, M.B., B.S. - - -	1965
Schultz, Leslie John, B.Tech. - - -	1962	Selge, Heather Bernice, B.A. - - -	1959
Schultz, Roland Felix, B.A. - - -	1964	Sellers, Ada, B.A. - - -	1928
Schultz, Roydon Donald, B.Sc. - - -	1954	Sellick, Robert, B.A. - - -	1966
Schulz, Adela Louie, B.A. - - -	1967	Selth, Donald Victor, B.A. - - -	1949
Schulz, Ernst Adolph, B.E. - - -	1931	Selth, Geoffrey Poole, B.A. - - -	1951
Schulz, Gerhard Ernst Otto, Ph.D. (Dr. Phil., Leipzig, 1953)	1964	Semler, Clifford Gerhardt, M.B., B.S. - - -	1940
Schulz, Margaret Ruth, B.Sc. - - -	1958	Semler, Janet Claire, B.Ec. - - -	1961
Schulz, Peter Kasimir, M.Sc. (B.Sc., 1959)	1963	Semmens, Francis John, B.Sc. - - -	1928
Schulz, Robert George, M.B., B.S. - - -	1947	Semmler, Clement William, M.A. (B.A., 1936)	1938
Schulz, Robert Verdun, B.Sc. - - -	1965	Semple, Kenneth Hugh, B.A. - - -	1950
Schulze, Howard Kenneth, B.Tech. - - -	1965	Seneta, Eugene, M.Sc. (B.Sc., 1963)	1965
Schumacher, Colin Stephen, B.E. - - -	1954	Senior, Judith Rae, B.Sc. - - -	1955
Schumacher, Mavis Noreen, B.A. - - -	1963	Senior, Lionel Rupert, B.Sc. - - -	1929
Schunke, Richard Hugh, B.Sc. - - -	1959	B.A. - - -	1947
Schuppan, Dene Thomas, B.Tech. - - -	1959	Senior, Rex Clifton, M.B., B.S. - - -	1952
Schuster, Charles Frederick Robert, B.A. - - -	1967	Seow, Hood Jin, Winston, B.E. - - -	1965
Schutz, Raymond Alfred, B.E. - - -	1949		
Schwab, Gordon Ernest, Ph.D. (B.Sc., 1950)	1965		
Schwartz, Barry Walter, B.E. - - -	1959		

* Deceased

Seppelt, Brian Maxwell, B.Sc.	1960	Shepley, Arthur Raymond, B.Sc.	1923
Seppelt, Ian Howe, B.Sc.	1932	B.E.	1924
Seppelt, Yvonne Granville, M.B., B.S.	1946	Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1956
Sergeant, Jacqueline Anne	1966	Shepley, Kathryn Florence, B.Sc.	1960
Sergeant, Maxwell Stuart, LL.B.	1934	Shepley, Leslie Herbert Hamilton, LL.B.	1909
Seumahu, Eliza Stefanus, B.Tech	1961	Sheppard, Graham Barry, B.Tech.	1962
Seward, Catherine Anne, B.A.	1967	Sheppard, Mark Yeatman, M.B., B.S.	1942
Sexton, Dean Jefferies, B.Tech.	1960	Sheppard, Robert Alexander William, B.Sc.	1942
Sexton, Edgar Raymond, B.A.	1931	Sheridan, Michael Francis, B.Sc.	1967
Sexton, Leo Francis, B.Sc.	1967	Sherwin, Anita Louise, B.Sc.	1966
Sexton, Robert Raymond, B.Tech.	1961	Sherwin, Carolyn Alice, B.Sc.	1961
Sexton, Robert Thomas, B.Tech.	1963	Sherwin, Rolf Morton, B.Ec.	1960
Seymour, Anthony Elliot, M.B., B.S.	1963	Shevchenko, Vladimir, B.Sc.	1967
Seymour, Patrick William, Ph.D. (A.N.U., 1962)	1965	Shield, Judith Adelaide, B.A.	1948
Shadlow, Agnes Jean, B.A.	1966	Shierlaw, Howard Alison, LL.B.	1902
Shakes, Brian Douglas, B.E.	1959	Shierlaw, Norman Craig, B.E.	1949
Shakes, David James, M.B., B.S.	1955	Shimmin, Edward William, B.E.	1963
Shanahan, Margaret Carmel, B.A.	1956	B.Sc.	1964
Shanahan, Michael Francis, M.B., B.S.	1956	Shinkfield, Anthony James, B.A.	1955
Shanahan, Patrick William, M.B., B.S.	1928	Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1953
Shanahan, Terence John, B.Ec.	1965	Shinkfield, Marian Ruth, B.A.	1949
Shanks, Shirley Rae, M.Sc.	1965	Shinkfield, Roger John, B.E.	1954
Shannon, James Stanley, B.Sc.	1949	Shirpurkar, Gajanan Ramchandra, M.Sc.	1949
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Shoebrieger, Ivan, LL.B.	1929
Shannon, Richard John, B.E.	1949	Short, David Charles, B.E.	1956
Shapley, William George, B.E.	1952	Short, David Weddell, M.B., B.S.	1940
Sharley, Aubrey Neville, B.E.	1954	Short, Jill Imogen, B.Sc.	1966
Sharley, Elma May, B.A.	1937	Short, Kerwin Alfred Robert, B.E.	1927
Sharma, Romesh, M.B., B.S.	1954	Short (nee Stephens), Lillian Mary Theakstone, M.A. (B.A., 1907)	1938
Sharma, Arthur Edward, B.E.	1926	Short, Marlene Blanche, B.Sc.	1966
Sharma, Ethel Olive, B.A.	1915	Shortridge, Dennis Thorman, M.B., B.S.	1938
Sharman, George, B.Ec. (B.Sc. (Econ.), London, 1950)	1963	Shoubridge, Rex, B.Tech.	1963
Sharman, George Campbell, B.A.	1966	Shrowder, Ronald Louis, B.A.	1940
LL.B.	1966	Shub, Samuel, M.B., B.S.	1953
Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955	Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895
Sharp, Warren Player, B.Ec.	1954	Shutt, Donald Allen, M.Sc. (B.Sc., 1959)	1967
Sharpe, Edmund John, B.E.	1932	Sibly, John Maslin, B.A.	1967
Sharpe, John Graham, B.A.	1967	Sibly, Murray Laurence, LL.B.	1961
Shaughnessy, Jennifer Margaret, B.A.	1967	Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950
Shaughnessy, Peter Douglas, B.Sc.	1963	Sibthorpe, Gwenyth, M.B., B.S.	1946
Shaw, Alice Mary Stockdale, B.A.	1929	Sickert, John William, B.Tech.	1963
Shaw, Allan, B.E. (B.M.E. (New York), 1953)	1962	Sidhu, Harcharan Singh, M.B., B.S.	1958
M.E.	1966	Sieber, Clarence Bertram, B.E.	1926
Shaw, Elizabeth Anne, Ph.D.	1966	Siebert, Brian David, B.Sc.	1959
Shaw, James Barry, B.Sc.	1904	Siegele, John Louis, B.Sc.	1945
Shaw, Joan Hambly, B.A.	1947	Siegele, Roger Brian, B.E.	1962
Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933	Siegele, Trevor Martin, B.Ec.	1958
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955	Sievers, Hans Hermann, LL.B.	1966
Shaw, Peter John Randall, B.Sc.	1949	Siglin, Max, M.B., B.S.	1954
Shea, Brian Joseph, M.B., B.S.	1951	Sigmont, Victor Charles, B.A.	1950
Sheard, Joan Philippa, B.A.	1931	Siksna, Arnis, B.E.	1960
Shearer, Clifford George Tregua, B.A. B.Ec.	1937	M.T.P.	1967
Shearer, Graham Robert, B.Sc.	1965	Siliakus, Hendricus Johannes, M.A. (B.A., Birmingham, 1954) 1960)	1966
Shearer, Harvey Albert, B.A.	1965	Sillis, Maris, B.Sc.	1967
Shearer, Ivan Anthony, LL.M. (LL.B., 1960)	1965	Silsbury, James Henry, Ph.D. (M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958) 1959)	1967
Shearer, Jane, B.Sc.	1967	Silver, Graham Bindley, B.E.	1960
Shearer, Peter Herbert, B.Tech.	1961	Silver, Harold, B.E.	1956
Shearer, Robert Clifford, M.Ag.Sc. (B.Ag.Sc., 1959)	1964	Silver, Meredith May, M.B., B.S.	1957
Shedley, Alfred Charles, B.Sc.	1919	Silver, Malcolm David, M.B., B.S.	1957
Sheedy, Redmond Stuart Parnell, M.B., B.S.	1952	Silver, Phillip Laurence, B.E.	1957
Sheldrake, Peter Reginald, B.A.	1957	Sim, Cheok Lim, B.E.	1961
Sheldon, John Charles, Ph.D. (Nottingham, 1956)	1963	Sim, See Kee, B.Tech.	1965
Shepherd, Stanley Maxwell, B.Sc.	1948	Sim, Swee Liang, M.B., B.S.	1965
Shepherd, Alan David, B.E.	1962	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Shepherd, David Wickham, M.B., B.S.	1938	Simes, Irene Pamela, B.Sc.	1956
Shepherd, Elizabeth Miriam, B.A.	1947	Simes, Robert Lawson, B.Tech.	1960
Shepherd, Geoffrey Lincoln, LL.B.	1930	Simm, John, B.E.	1956
Shepherd, John Alfred, B.A.	1929	Simmonds, Allan Frederick, B.A.	1967
Shepherd, John Henry, B.A.	1935	Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948
M.Sc. (B.Sc., 1942)	1947	Simmonds, Douglas Thomas, B.Tech.	1958
Shepherd, Kenneth John, M.E. (B.E., 1961)	1966	Simmonds (nee Cossich), Lorraine, B.A.	1957
Shepherd, Kenneth William, Ph.D. (B.Ag.Sc., 1956)	1964	Simmonds, Rachel Elizabeth, B.A.	1948
Shepherd, Peter Byron, M.B., B.S.	1957	Simmons, David Winston, LL.B.	1962
Shepherd, Philippa Jan, B.A.	1967	Simmons, Donald William, B.Ec.	1949
Shepherd, Reginald George, B.Sc.	1953	B.A.	1964
Shepherd, Ronald, B.A.	1967	Simmons, Geoffrey Clive, B.Sc.	1945
Shepherd, Scoresby Arthur, LL.B.	1958	Simmons, Marie Yvonne, B.A.	1952
B.A.	1959	Simon, Anthony Robin, B.Sc.	1966
Shepherd, Stuart MacGregor, M.B., B.S.	1964	Simon, John Gary, B.Sc.	1965
		Simon, John Howard, B.Tech.	1965
		Simon, Leon Melvyn, B.Sc.	1967
		Simon, Robin Alfred, B.E.	1962

* Deceased

Simons, Alfred, M.B., B.S.	1942	Sleigh, Robert Carl, B.Tech.	1960
Simons, Arthur Nicholas, B.Sc.	1951	Slerka, Dalibor, B.A.	1965
M.B., B.S.	1958	Slim, His Excellency Field Marshal Sir	
Simons, Brian Keith, B.Sc.	1967	William Joseph, LL.D. (Oxford, Cambridge,	
Simons, David Henry, B.Ag.Sc.	1960	Sydney, Birmingham, Leeds and New	
Simper, Douglas Alan, B.Mus.	1966	England)	1956
Simper, Douglas Alan, B.Mus.	1967	Sloan, Ian Hugh, M.Sc.	1963
Simpkins, Daniel Robert, B.Tech.	1967	Sloan, Robert David, B.A.	1964
Simpson, Alfred Moxon, B.Sc.	1930	Sloman, Arthur Raymond, B.Sc.	1937
Simpson, Antony Allen, B.E.	1965	Smailes, Peter John, M.A. (Manchester	
Simpson, Brian Clifton, B.Sc.	1960	1961)	1964
Simpson, Donald Allen, M.S. (M.B., B.S.,	1964	Smale, Thomas Charles, B.A.	1950
1949)	1934	Small, Marlene Brenda, B.A.	1967
Simpson, Frederick William, M.B., B.S.	1962	Smallcombe, Roy Frederick, B.A.	1953
Simpson, Helen Edith, B.Sc.	1920	Smart, John Jamieson Carswell, M.A.	
Simpson, Hugh Denney, B.Sc.	1921	(Glasgow, 1946)	1951
B.A.	1921	Smart, Lawrence Maxwell, B.D.S.	1950
Simpson, John James, B.Sc.	1966	Smeaton, John Anthony, B.E.	1939
Simpson, Penelope Margaret, B.Sc.	1949	Smeaton, John Richard, B.Ag.Sc.	1963
Simpson, Ralph Anthony Hollister, B.E.	1967	Smeaton, Timothy Clive, B.Ag.Sc.	1965
Simpson, Richard Charles Longrigg, B.Tech.	1962	Smerdon, David Rutherford, B.D.S.	1951
Simpson, Robert Allen, B.E.	1934	Smerdon, John Rutherford, B.D.S.	1946
Sims, Barry Alan, B.Sc.	1964	Smbertz, George James, M.B., B.S.	1954
Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1957	Smildzins, Astrida, B.Sc.	1963
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948	Smith, Adrian Milton, B.Ec.	1949
Sims, Milton Reginald, B.D.S.	1950	Smith, Alfred Earle, LL.B.	1937
Sims, Roxy, B.A.	1933	Smith, Alick Hardy, B.A.	1948
Sims, William George, B.Sc.	1957	Smith, Aloysius Daly Virgilius, M.B., B.S.	1928
Sinclair, David Foulis, B.Sc.	1964	Smith, Andrew Burden, B.E.	1966
Sinclair, Donald Keith, B.Sc.	1966	Smith, Annie Ethel, B.A.	1935
Sinclair, Graham Robert, M.B., B.S.	1965	Smith, Anthony John, M.B., B.S.	1967
Sinclair, Roger Wilson, B.Sc.	1966	Smith, Anthony Terence, B.E.	1967
Sinclair, Walter Gordon Clyde, B.Sc.	1923	Smith, Barbara Frances Burr, B.A.	1967
Sinclair, William Malcolm, M.B., B.S.	1911	Smith, Barry Whitmore, B.A.	1956
Sincock, Janette Muriel, B.A.	1963	Smith, Bernard Maurice, B.E.	1964
Sindhu, Santokh Singh, M.B., B.S.	1959	Smith, Brian Arnold, B.E.	1940
Singh, Amrao, B.E.	1958	Smith, Brian Ewan, B.E.	1962
Singh, Narindar, M.B., B.S.	1958	Smith, Brian Hartley, B.E.	1950
Singh, Prithvipall, M.B., B.S.	1958	Smith, Cairns William Villeneuve, LL.B.	1951
Singh, Rajendra, Ph.D.	1953	Smith, Cecil Teesdale, M.A. (B.A., 1944)	1945
Singh, Rudra Pratap, Ph.D.	1962	Smith, Cedric Alfred Neal, B.Ag.Sc.	1933
Singh, Thanwant, M.B., B.S.	1961	Smith, Charles Bruce Powell, B.A.	1965
Singham, Ratnasingam Bala, M.B., B.S.	1961	Smith, Colin Victor, B.A.	1966
Sinnott, Patricia Margaret, B.A.	1956	Smith, Daisy Maude, B.A.	1922
Sinzheimer, Gerhart Paul Gustav, M.A.		Smith, David Aitchison, B.Sc.	1961
(Washington, 1963)	1967	Smith, David Carswell, B.A.	1931
Siranovic, Emil, B.E.	1967	Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc.,	
Siregar, Panusunan, B.E.	1962	1951)	1961
Siregar, Togi, B.E.	1962	Smith, David Gordon Law, M.B., B.S.	1953
Sivour, Neil Graham, B.Tech. (surrendered	1958	Smith, David Nichol, D.Litt. (Camb.)	1951
1962)	1967	Smith, David Raymond, B.Ec.	1963
M.App.Sc. (B.App.Sc., 1962)	1967	Smith, Dene Martindale, B.D.S.	1955
Sizer, Marion Betty, B.Sc.	1954	Smith, Denys Jeffery, B.Sc.	1962
Skabe, Dace Anna, B.Sc.	1963	Smith, Derek Leon, M.A.	1965
Skerritt, Paul Wilfred, M.B., B.S.	1966	Smith, Donald Stevenson, M.B., B.S.	1957
Skewes, Edward Foster, LL.B.	1917	Smith (nee Gardner), Edith Josephine Viner,	
Skinner, Brian John, B.Sc.	1950	B.A.	1966
Skinner, Cecil Reginald Allenby, B.E.	1949	Smith, Edward Mackie, B.E.	1939
Skinner, Helen Catherine Wild, Ph.D.	1959	Smith, Edward Rowland, B.Sc.	1942
Skinner, Sandford Lloyd, M.D. (M.B., B.S.	1962	Smith, Ewart Austral, M.B., B.S.	1951
1958)	1944	Smith, Felicia Helen, B.A.	1966
Skipper, John Stark, M.B., B.S.	1944	Smith, Frank Berry, D.Sc. (B.Sc., 1903)	1937
• Skipper, Stanley Herbert, LL.B.	1901	Smith, Frank Stewart, M.B., B.S.	1956
• Skopal, Karl John Matthew, B.D.S.	1962	Smith, Gavin Viner, M.B., B.S.	1937
Skuce, Beryl Marion Rebecca, B.A.	1934	Smith, George Maxwell, B.A.	1961
Skurray, Geoffrey Richard, B.Sc.	1966	Smith, Gordon Wearing, M.B., B.S.	1925
Sladdin, John Naulty, M.B., B.S.	1953	Smith, Grahame John Cooper, B.Sc.	1961
Slade, Antony Michael, M.A. (Bristol, 1961)	1962	Smith, Graham Robert Hay, B.Tech.	1960
Slade, John Harman, M.B., B.S.	1946	Smith, Harold Reid, LL.B.	1939
Slade, Kathleen Nellie, B.A.	1942	Smith, Heather Maralyn, B.A.	1967
Slade, Phillip Garland, B.Sc.	1962	Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956
Slarks, Geoffrey Herbert, B.E.	1954	Smith, Ian Robert, B.Sc.	1966
Slater, Allan, B.E.	1953	Smith, Iris Eileen, B.A.	1930
Slater, John Mason, B.E.	1962	Smith, Ivan Ford, B.A.	1953
Slattery, Francis James, B.E.	1952	Smith, Jack Edwin, B.Sc.	1934
Slattery, Mary, B.A.	1931	Smith, James Clyde, B.E.	1938
Slaughter, Colin Sidney, B.E.	1954	Smith, James Wearing, B.E.	1924
Slaughter, Terence Davoren, B.A.	1967	Smith, Jennefer Anne Vickridge, B.Sc.	1960
Slaven, William Trevor, B.Sc.	1966	Smith, Jennifer Stewart, B.Sc.	1964
Slayton, William John Hayden, M.A. (B.A.,	1967	Smith, Joan Frances, B.A.	1948
1959)	1930	Smith, John Andrew Stanley, M.B., B.S.	1964
Slee, Dugald Houghton, B.Sc.	1932	Smith, John Bertrand, B.Sc.	1943
B.A.	1959	Smith, John Fife, B.A.	1929
Slee, Graham Houghton, B.E.	1950	Smith, John Henderson, B.Sc.	1962
Slee, Ian Bruce, B.A.	1950	Smith, John Henry, B.A.	1959
Slee, Walter Vernon, B.Sc.	1959	Smith, John Jeffreys, LL.B.	1932
Sleeman, James Garnet, M.D. (M.B., B.S.	1927	Smith, John Lewis, B.Ag.Sc.	1964
Melbourne, 1915)	1947	Smith, John Royle Casley-, B.Sc.	1957
Sleeman, William John, M.B., B.S.	1947	M.B., B.S.	1959

* Deceased

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, Louis Campbell, B.Ag.Sc.	1951	Soh, Kim Khoe, B.E.	1966
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	1914	Sollas, William Johnston, D.Sc. (Cambridge)	1914
Smith, Louisa McIntosh, M.A. (Mount Holyoke, 1958)	1966	Solly, Janet Elizabeth, M.B., B.S.	1952
Smith, Lynden Rae Forbes, M.B., B.S.	1953	Solly, William Warburton, B.Sc.	1948
Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	1958	Solomon, George Herbert, M.B., B.S.	1927
Smith, Malcolm Lawrence, B.E.	1966	Solomon, Helen Ethel, LL.B.	1935
Smith, Mary, M.A. (B.A., 1930)	1932	Solomon, Peter Louis, B.Ec.	1964
Smith, Mary Theresa, B.A.	1935	Solomons, Barnet, M.B., B.S.	1922
Smith, Maxwell Herbert, B.Sc.	1940	Solomons, Phillip Roland Nathan, LL.B.	1960
Smith, Maxwell John, B.A.	1966	Solula, Leo, B.Med.Sc.	1965
Smith, Melva Estelle, B.A.	1942	Somerset, Forbes Mitchell, B.E.	1941
Smith, Mervyn Keith, M.B., B.S.	1944	Somerville, Archibald Shierlaw Ralph, LL.B.	1932
Smith, Michael Austin, B.A.	1961	Somerville, Christopher Malcolm, B.D.S.	1952
Smith, Murray George, B.E.	1954	Somerville, Dorothy Christine, B.A. LL.B.	1918
Smith, Murray Vernon, B.Ag.Sc.	1964	Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	1919
Smith, Neil Innes, B.Sc.	1967	Somerville, Sesca Lewin, B.A.	1916
Smith, Neil Langlois, B.A.	1967	Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	1959
Smith, Pamela Darien, B.A.	1954	Somogyi, Jozsef Laszlo Ferenc, M.B., B.S.	1964
Smith, Peter Brian, M.B., B.S.	1954	Soong, Olive, M.B., B.S.	1967
Smith, Primrose Mary Viner, B.A.	1940	Soper, Graham Michael, B.Ec.	1957
Smith, Ralph Newman, B.Tech.	1964	Sorell, Graham Campbell, B.Sc.	1967
Smith, Raydon Berry, B.E.	1917	Sorrell, Margaret Walter, B.A.	1925
Smith, Raymond Thomas, B.Sc.	1932	Sosula, Leo, B.Med.Sc.	1965
Smith, Rayner Whitmore, M.B., B.S.	1953	Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	1959
Smith, Richard Alan, B.Tech.	1967	Soukup, Dorothy Mavis, M.B., B.S.	1951
Smith, Richard John, B.Tech.	1964	Souter, Brian Heylen, B.D.S.	1956
Smith, Richard Milne, M.Sc. (B.Sc., 1948)	1959	Souter, Douglas Todd, M.B., B.S.	1949
Smith, Richard Victor, B.Sc.	1966	Souter, Harry Standley, B.Tech.	1963
Smith, Richard Waldemar Law, B.A.	1955	Souter, Robert John de Neufville, M.B., B.S.	1923
Smith, Robert Brenton, B.E.	1966	Souter, Warwick, B.Sc.	1967
Smith, Robert Frederick Ingram, M.A. (B.A., 1963)	1965	South, Peter Moncrief, B.Sc.	1956
Smith, Robert William, B.A. (Western Australia, 1958)	1966	*South, Ronald Robert, B.D.S.	1951
Smith, Rodney Burden, B.E.	1959	Southcott, Alan Lindsay, B.E.	1964
Smith, Roger, M.E. (B.E., 1956)	1959	Southcott, Jean Wauchope, B.A.	1921
Smith, Roger Alan, B.Sc.	1965	Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	1957
Smith, Roger Francis Cooper, B.Sc.	1962	D.Sc.	1962
Smith, Roger Neville Earle, B.Sc.	1967	Southcott, Rosemary Enid, B.Sc.	1954
Smith, Ronald Norman, B.E.	1933	Southcott, William Thomas, B.Tech.	1964
Smith, Ronald Sydney, B.Sc.	1966	Southgate, Deane Oakford, M.B., B.S.	1955
Smith, Ross Charles, B.Tech.	1960	Southgate, Peter Thomas, M.B., B.S.	1965
Smith, Ross Trevor, B.A.	1966	Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920
Smith, Sheila Ann, M.A. (London, 1956)	1963	M.S.	1925
Smith, Sheila Isabel Wesley, B.A.	1944	Southwood, Dean Milton, M.B., B.S.	1963
Smith, Sidney William, B.E.	1937	Southwood, Harry Milton, B.Sc.	1936
Smith, Sinclair Joseph, M.B., B.S.	1955	M.D. (M.B., B.S., 1932)	1943
Smith, Stuart Meldrum, B.A.	1949	Southwood, Richard Taunton, M.B., B.S.	1956
Smith, Terence Norman, B.E. (Sydney, 1953)	1960	Sowden, Kenneth Edward, B.Tech.	1964
Ph.D.	1965	Spain, Brian James, B.E.	1956
Smith, Terence William, M.B., B.S.	1962	Spalvins, Janis Gunars, B.Ec.	1959
Smith, Thomas George, B.Sc.	1962	Spark, Mavis Constance, B.A.	1947
Smith, Vera Lisnagore, B.A.	1934	Sparrow, Colin James, B.Tech.	1966
Smith, Walter Leonard, M.B., B.S.	1914	Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952)	1962
Smith, William Frederick, B.Sc.	1962	Sparrow, Graham Jeffrey, B.Sc.	1967
Smith, William Irving Berry, B.Sc.	1940	Sparrow, Lorna Discombe, M.A. (B.A., 1930)	1934
Smolicz, Jerzy Jaroslaw, Ph.D. (Edinburgh, 1960)	1966	B.Ec.	1941
Smyth, David Robert, B.Sc.	1965	Sparrow, Maxwell Elliott, B.E.	1934
Smyth, Isabel Agnes Ekin, B.A.	1905	Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	1954
Smyth, Michael Ewers Bayne, B.Sc.	1960	Speden, Ross Noel, Ph.D. (D.Phil., Oxford, 1963)	1965
Smyth, Robert John, B.Sc.	1963	Speed, Isobel Ethel, M.B., B.S.	1957
Smyth, Robert Walter, Ph.D. (B.E., 1955)	1960	Speirs, William McMillan, B.A.	1949
Smyth, Betty Marion Flora, B.A.	1967	Spence, Colin Everett, B.A.	1958
Snelling, John Barry, B.Ec.	1967	Spence, David Norman, M.B., B.S.	1957
Snelling, Peter John, B.Tech.	1959	Spence, Jeanette Graham, B.A.	1967
Snewin, Gwendoline Marjorie Jean, B.A.	1925	Spence, Robin Douglas James, M.B., B.S.	1957
Snewin, John Arthur, LL.B.	1951	Spencer, Donald, Ph.D.	1953
Sng, Bock Thiam, B.Sc.	1966	Spencer, Leslie Brian, B.Sc.	1951
Snow, Alan Marlow, Ph.D. (B.Sc., 1956)	1961	Spencer, Margaret Elizabeth, M.B., B.S.	1966
Snow, Michael Robert, Ph.D. (London, 1966)	1967	Sperber, Joan Ilma, B.Sc.	1955
Snow, Richard Adrian Wilfrid, B.D.S.	1940	Spier, David Lindsay, B.A.	1967
Snow, Wilfred Rippon, B.E.	1914	Spitz, Francis, B.Ec.	1956
Snowden, Brian Newton, B.Arch.	1961	Spitz, Joan Ilma, B.Sc.	1955
Snowden, Janette Daphne, B.A.	1958	Spitzer, Alex George, M.B., B.S.	1962
Soar, Anthony James, B.E.	1961		
Soar, Dudley Turner, B.Ec.	1951		
Sobey, Iris Beatrice, B.A.	1944		

* Deceased

Spitzer, Peter, B.Ec. - - - -	1964	Steele, William Lynn, B.Arch. - - - -	1966
Spoooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946) - - - -	1949	Steger, Karlis Martins, B.Sc. - - - -	1966
Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950) - - - -	1960	Stegemann, Hannerose, M.B., B.S. - - - -	1966
Spratt, James Arthur Henry, B.Sc. - - - -	1957	Steiner, Marie Ann, B.A. - - - -	1966
B.A. - - - -	1958	Steinert, Peter Malcolm, B.Sc. - - - -	1966
Sprigg, Patricia Amy, B.A. - - - -	1943	Steingraber, Anna Martha, B.A. - - - -	1962
Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941) - - - -	1944	Steinhardt, Suzanne, B.A. - - - -	1965
Springs, Rasma, B.A. - - - -	1966	Steinborner, Raelene Yvonne, M.B., B.S. - - - -	1967
Sprod, Thomas Daniel, B.A. - - - -	1951	Steinle, John Richard, B.A. - - - -	1958
Spruhan, Bridget Catherine, B.A. - - - -	1933	Stenson, Lewis Murray Donaldson, B.Arch. - - - -	1963
Spry, Alan Herbert, M.Sc. (B.Sc., 1949) - - - -	1951	Stepanas, Antanas Vytautas, B.Med.Sc. - - - -	1965
Spurling, Graham George, B.Tech. - - - -	1960	Stepanovs, Leonids Lonka, M.B., B.S. - - - -	1958
Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945) - - - -	1953	Stephens, Charles Francis, B.Sc. - - - -	1897
Spurr, Pamela Joan, B.A. - - - -	1963	Stephens, Charles George, M.Sc. (Tasmania, 1931) - - - -	1941
Spurr, Robert Thomas, B.Sc. - - - -	1948	D.Sc. - - - -	1950
Spurway, John Horton, M.B., B.S. - - - -	1951	Stephens, Clement John, B.A. - - - -	1959
Sreenevasan, Gopal Ayer, M.B., B.S. - - - -	1952	Stephens, Ella Mary, B.A. - - - -	1915
Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941) - - - -	1955	Stephens, Eric Goyne, B.Sc. - - - -	1912
Stace, John Hamilton, M.B., B.S. - - - -	1943	Stephens, John Felton, M.Sc. (B.Sc., 1953) - - - -	1957
Stacey, Barrie Graham, B.E. - - - -	1964	Stephens, Peter Donald, B.Sc. - - - -	1959
Stacey, Helen Jean, B.A. - - - -	1964	Stephens, Lawrence John, B.A. - - - -	1962
Stacey, Thomas Allen, B.Ag.Sc. - - - -	1959	Stephens, Richard Clarence, B.D.S. - - - -	1951
Staciunas, Jonas, B.Tech. - - - -	1965	Stephens, Sylvester Kevin, B.E. - - - -	1951
Stacy, John Michael Sholto, B.E. - - - -	1951	Stephenson, Helen, LL.B. - - - -	1967
Stacy, Keith Roy Sheppard, B.A. - - - -	1967	Stephenson, James Lewis, B.Ec. - - - -	1944
Stacy, Margaret Ruth, B.Sc. - - - -	1955	Stephenson, Ian Lewis, B.Sc. - - - -	1965
Stacy, Robert Paul, B.Sc. - - - -	1963	Stephenson, John, Ph.D. (London, 1964) - - - -	1965
Staer, Peter Alfred, M.B., B.S. - - - -	1958	Stephenson, John Roy Becket, B.A. - - - -	1952
Stafford, Roland Garry, B.Sc. - - - -	1961	Stephenson, Leonard Allenby, B.Sc. (Eng.) - - - -	1943
Stafford, Trevor John, B.E. - - - -	1966	Stephenson, Thomas Howard, B.E. - - - -	1933
Stagg, Ross Smith, B.E. - - - -	1955	Stern, Leon Max, M.B., B.S. - - - -	1956
Stahl, Margaret Anne, B.Sc. - - - -	1957	Stern, Walter Ralph, Ph.D. (M.Sc.Agr., Sydney) - - - -	1962
Stain, Maxwell Wright, B.D.S. - - - -	1944	Sterzl, Errol John, B.Sc. - - - -	1965
Staker, Robert, Ph.D. (B.E., 1956) - - - -	1961	Stevens, Ian Matheson, M.B., B.S. - - - -	1956
Stalley, Douglas John, M.Ec. (B.Ec., 1947) - - - -	1955	Stevens, Alice Ceredwyn, B.Sc. - - - -	1963
Stalley, Joan Charmian, B.Sc. - - - -	1955	Stevens, Anthony, B.A. - - - -	1967
Stam, Robert Edward, M.B., B.S. - - - -	1949	Stevens, Edgar Loveday, LL.B. - - - -	1919
Stanbury, Dennis George, M.B., B.S. - - - -	1957	Stevens, Iris Eliza, LL.B. - - - -	1960
Stanbury, Gretel Mary, M.Sc. - - - -	1962	Stevens, John Alfred Fortington, B.D.S. - - - -	1948
Stanbury, Peter John Terence Cathcart, Ph.D. (B.Sc., 1957) - - - -	1963	Stevens, John Arnold, B.E. - - - -	1958
Standen, Graham Douglas, M.B., B.S. - - - -	1967	Stevens, Julia Loveday, B.A. - - - -	1962
Standfield, Roger William, B.A. - - - -	1967	Stevens, Murray Alan, B.Tech. - - - -	1962
Stanley, Allen David, B.E. - - - -	1949	Stevens, Richard Barrymore, B.E. - - - -	1952
Stanley, Brian Charles, LL.B. - - - -	1953	Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - -	1945
Stanley, Ian George, B.E. - - - -	1967	B.Ec. - - - -	1960
Stanley, Laurence John, LL.B. - - - -	1925	Stevens, Ross Linwood, B.E. - - - -	1966
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942) - - - -	1954	Stevens, Valerie Anne, B.A. - - - -	1967
Stanley, Raymond John, B.Sc. - - - -	1961	Stevens, William Edward, B.E. - - - -	1952
Stanton, Robert Anthony, B.D.S. - - - -	1950	Stevenson, Arthur James, B.E. - - - -	1937
Stapledon, David Hiley, M.Sc. (B.Sc., 1951) - - - -	1962	Stevenson, Derrance Redford, LL.B. - - - -	1962
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1949	Stevenson, Donald George, M.Sc. (B.Sc., 1950) - - - -	1952
Staples, Roy William Frederick, B.E. - - - -	1957	Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - -	1926
Stark, Alan Edmund, B.A. - - - -	1954	Steward, Harold Dunning, M.B., B.S. - - - -	1951
Staska, Ian Frantisek, M.B., B.S. - - - -	1964	Steward, John Harold, B.Ag.Sc. - - - -	1967
Staska, Zdenek, M.B., B.S. - - - -	1961	Steward, Alastair Keith McKellar, M.B., B.S. - - - -	1951
Statters, Robert Joseph, B.Tech. (surrendered 1967) - - - -	1961	Steward, Colin Gore, B.A. - - - -	1914
B.App.Sc. - - - -	1967	Steward, Donald Peter Sinclair, B.Ec. - - - -	1952
Statton, Arthur Knight, B.Sc. - - - -	1922	Steward, Doris Maud, B.A. - - - -	1964
Statton, Josiah William, B.Sc. - - - -	1921	Stewart, Edgar Douglas James, B.E. - - - -	1947
Statton, Keith Jeffery, M.B., B.S. - - - -	1944	Stewart, Geoffrey Daniel, M.B., B.S. - - - -	1957
Staudt, Clarence Herman, B.A. - - - -	1947	Stewart, Henry William James, B.E. - - - -	1952
Stauton, John William Patrick, B.Tech. - - - -	1966	Stewart, Ian Charles Fergusson, B.Sc. - - - -	1967
Stead, Ian Arthur, B.D.S. - - - -	1965	Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - -	1935
Stead, Sydney Arnold, B.Sc. - - - -	1933	Stewart, John Samuel, M.B., B.S. - - - -	1939
Stearne, John McKenzie, Ph.D. (B.Sc., 1958) - - - -	1964	Stewart, John Stewart McKellar, M.B., B.S. - - - -	1942
Steel, Barry John, B.Sc. (Western Australia, 1955) - - - -	1960	Stewart, Kenneth Duff, B.Ec. - - - -	1958
Steel, Roy Desmond Charles, B.Sc. - - - -	1958	Stewart, Margaret McKellar, B.A. - - - -	1937
Steel, Terence Melville, B.Sc. - - - -	1961	Stewart, Paul Rigby, B.D.S. - - - -	1962
Steele, David Macdonald, M.B., B.S. - - - -	1909	Stewart, Peter McKenzie Gibson, B.A. - - - -	1967
Steele, David Macdonald, M.B., B.S. - - - -	1955	Stewart, Robert Paul, B.A. - - - -	1965
Steele, Donald Macdonald, M.B., B.S. - - - -	1919	Stewart, Robert Sinclair, M.B., B.S. - - - -	1967
Steele, Ian Macdonald, M.B., B.S. - - - -	1948	Stewart, Vernon Allan Fergusson, M.B., B.S. - - - -	1939
Steele, John Kevin, B.Ec. - - - -	1954	Stewein, Carl Ronald, B.E. - - - -	1955
Steele, Jonathon Neville, B.E. - - - -	1967	Stidston, Matthew Alfred Clement, B.Sc. - - - -	1936
Steele, Laurence Russell, B.E. - - - -	1940	Stiller, Margaret Dorothy, B.A. - - - -	1967
Steele, Robert Ernest, M.B., B.S. - - - -	1952	Stipnieks, Andrejs Pauls, LL.B. - - - -	1963
Steele, Robert Thornborough, M.B., B.S. - - - -	1942	Stipnieks, Maija Alma, B.D.S. - - - -	1961
Steele, Ronald John, B.Sc. - - - -	1966	Stirling, Andrew John, B.Sc. - - - -	1965
Steele (nee Morris), Shirley Victoria, LL.B. - - - -	1933	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

* Deceased

Stobie, Michael John, B.E. - - - -	1962	Stuckey, Francis Seavington, B.Sc. - - -	1896
Stobie, Peter James, M.B., B.S. - - -	1952	Stump, Nicholas Withrington, B.App.Sc. -	1966
Stock, Beresford Hannam, B.Sc. - - -	1963	Sturmer, Stanley George, M.Ec. (B.Ec., 1950)	1953
Stock, Murray Clifford, B.Tech. - - -	1958	Suck, Margaret Louise, LL.B. - - - -	1966
B.Ec. - - - -	1962	Subagio, Nitipustoko, B.E. - - - -	1963
Stockbridge, Edgar Lambert, B.E. - - -	1924	Sudjono, B.Ag.Sc. - - - -	1961
Stockbridge, John Keith, M.B., B.S. - - -	1953	Sudholz, Herbert Frederick, B.D.S. - - -	1930
Stockdale, Noel, B.A. (Melbourne, 1951)	1964	Sudholz, John Robert, B.Ec. - - - -	1966
Stocker, Shirley Ann, B.A. - - - -	1966	Sugars, Kingsley John, B.Sc. - - - -	1962
Stockley, Henry William, M.B., B.S. - - -	1954	Sugg, Bentham Horace, B.A. - - - -	1934
Stodart, Barbara Joan, B.A. - - - -	1953	Sugg, Bronte Kingsley, B.Ec. - - - -	1965
Stodart, Donald McLean, B.E. - - - -	1951	Suhneck, Leslie, B.Tech. - - - -	1964
Stodart, Douglas Alan, B.Tech. - - - -	1964	Sulan, Charles, B.Ec. - - - -	1961
Stoddard, Harold William Downing, M.B.,		Sullivan, Denis Raymond, B.A. - - - -	1963
B.S. - - - -	1911	Sullivan, Margaret Renkle, B.A. - - - -	1943
Stokes, Anne, B.Sc. - - - -	1943	Sullivan, Maxwell Douglas, B.Ec. - - - -	1951
Stokes, Charles Herbert, B.A. - - - -	1956	Sullivan, Phillip Grose, B.Sc. - - - -	1942
Stokes, David Burnard, B.A. - - - -	1967	Summerfield, William Charles, B.Sc. - - -	1964
Stokes, John, M.A. (B.A., 1947) - - - -	1948	Summers, Frank Henry, B.Sc. - - - -	1923
Stokes, John Barrymore, M.B., B.S. - - -	1951	Summers, Graham Frank, B.Tech. - - - -	1960
Stokes, John Lewis, M.B., B.S. - - - -	1941	Sumner, Christopher John, LL.B. - - - -	1966
Stokes, Jonathan Henry, B.Arch. - - - -	1967	Sumner, Donald Ernest Wesley, M.B., B.S.	1952
Stokes, Judith, B.A. - - - -	1947	Sumner, Graham James Robert, M.B., B.S.	1922
Stokes, Laura Joan Hartley, B.Sc. - - - -	1940	Sumner, Graham Edwin, M.B., B.S. - - -	1955
Stokes, Roger David, M.E. (B.E., 1962)	1967	Sumner, Robert John, B.Sc. - - - -	1967
Stoll, Brigitte, B.A. - - - -	1966	Sunarjana, Sutar Awaludin, B.E. - - - -	1963
Stoll, Dorothee Friederike, B.A. - - - -	1963	Sunstrom, Geoffrey Wayne, B.Sc. - - - -	1967
Stoll, Ruth Sophie, B.A. - - - -	1955	Surna, Nemira Ona, M.B., B.S. - - - -	1958
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc.		Susman, Shirley Jean, B.Sc. - - - -	1947
(Eng.), 1947, surrendered) - - - -	1949	Sutcliffe, Kathryn Ann, B.A. - - - -	1966
Stolz, Kate Sophie, B.A. - - - -	1909	Suter, Alfred Charles, B.Sc. (Liverpool, 1910)	1912
Stone, Beverley Maxine, B.A. - - - -	1966	Sutherland, Andrew D'Arcy, M.B., B.S. - -	1967
Stone, Brian Francis, B.Arch. - - - -	1963	Sutherland, Geoffrey Strafford, B.E. - - -	1956
Stone, Brian James, B.Sc. - - - -	1959	Sutherland, Hamilton D'Arcy, M.S. (M.B.,	
Stone, Peter Clargo, B.E. - - - -	1962	B.S., 1937) - - - -	1944
Stone, Victor Oxford, B.A. - - - -	1967	Sutterby, Pamela, B.Sc. - - - -	1965
Stoneman, Terry Ian, B.Sc. - - - -	1967	Suttle, Graham, B.Tech. - - - -	1965
Storch, Wilhelm Murray, B.A. - - - -	1938	Sutton, David John, Ph.D. (B.Sc., 1948) -	1954
Storen, Robert Thomas, B.D.S. - - - -	1967	Sutton, Jeffery Robert Cost, B.Tech. - - -	1958
Storer, Brian Thomas, M.B., B.S. - - - -	1962	Sutton, Laura Margaret, B.A. - - - -	1953
Storer, Gerald Burdon, B.Sc. - - - -	1952	Svalbe, Andrejs Karlis, B.Sc. - - - -	1967
Storer, Laurel Jean, B.A. - - - -	1937	Sved, John Andrew, Ph.D. (B.Sc., 1960) -	1966
Storer, Robin George, Ph.D. (B.Sc., 1959)	1964	Sved, Marta, M.Sc. (B.Sc., 1956) - - - -	1965
Story, Gordon Malcolm, B.E. - - - -	1950	Svensis, Francis, B.Ec. - - - -	1961
Story, Michael John, B.E. - - - -	1964	Svenne, Ilze, B.A. - - - -	1964
Stott, Douglas Wallace, B.Sc. - - - -	1958	Svilans, Irena, B.A. - - - -	1967
Stoutjesdijk, Albert Diederik Johan, M.B.,		Swain, John David, LL.B. - - - -	1967
B.S. - - - -	1953	Swaine, Cyril David, M.B., B.S. - - - -	1942
Stow, Hardy David, B.Sc. - - - -	1967	Swale, John David, B.Mus. (Mus.B., Cam-	
Strachan, Helen Sandra, B.A. - - - -	1966	bridge, 1958) - - - -	1966
Strachan, James Charles Power, M.B., B.S. -	1914	Swalling, Peter Ralph, B.Arch. - - - -	1966
Strachan, John Foster, LL.B. - - - -	1967	Swan, Alan Keith, B.A. - - - -	1943
Stradling, John Burden Maxwell, B.Tech. -	1964	Swan, Charles Spencer, M.D., (M.B., B.S.,	
Strange, Audrey Mavis, B.A. - - - -	1944	D.Sc. - - - -	1941
Strange, Malcolm Leslie, M.A. (B.A., 1939)	1951	Swan, Hilda Mary, B.A. - - - -	1940
Strange, Ronald Glen, B.Ec. - - - -	1956	Swanbury, Peter Vernon, B.A. - - - -	1961
Stranks, Donald Richard, Ph.D. (Melbourne,		Swann, Eric John, M.B., B.S. - - - -	1924
1954) - - - -	1965	Swann, John Christopher, Ph.D. (B.Sc.,	
Stratford, Jeffrey Lyall, B.Sc. - - - -	1966	1961) - - - -	1967
Stratford, D'Arcy Francis, LL.B. - - - -	1964	Swann, Mary Caroline, B.Sc. - - - -	1951
Stratmann, Paul Franz, M.B., B.S. - - - -	1953	Swanson, Albert Frederick Daniel, B.A. - -	1940
Strawbridge, Albert Gordon, B.A. - - - -	1951	Swanson, Swan Douglas, B.Tech. - - - -	1966
Strehlow, Shirley Rosamunde, B.A. - - - -	1966	Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932)	1936
Strehlow, Theodor Georg Heinrich, M.A.		Swayne, Joseph, B.A. (National, Ireland,	
(B.A., 1931) - - - -	1938	1915) - - - -	1921
Strehlow, Theodor James, B.A. - - - -	1966	Sweatman, Thomas Rex, M.Sc. (B.Sc., 1954)	1961
Streich, Carl Ivo, M.B., B.S. - - - -	1919	Sweeney, Donald Ballantyne, M.B., B.S. -	1963
Strelnieks, John, B.A. - - - -	1966	Sweeney, Gordon, B.E. - - - -	1924
Stremmel, Allan Arthur, B.E. - - - -	1952	Sweeney, Gordon Newton, B.Tech. - - - -	1965
Stretton, Helena Margaret, B.Sc. - - - -	1960	Sweeney, James Gladstone, M.B., B.S. - -	1915
Stretton, Hugh, M.A. (Oxford, 1952) - - -	1955	Sweeney, John Gladstone, M.B., B.S. - -	1951
Stribley, Edwin John, M.A. (B.A., 1920)	1925	Sweeney, Mark Francis, B.Sc. - - - -	1966
Stribling, Ada Florence, B.A. - - - -	1925	Sweeney, Mary Ryan, B.A. - - - -	1932
Strickland, Andrew James, B.A. - - - -	1964	Sweeney, Michael Edward, B.A. - - - -	1967
Strickland, Robert Geoffrey, M.B., B.S. -	1961	Sweeney, Murray Frank, B.E. - - - -	1950
Stroble, Christian, B.A. - - - -	1964	Sweeney, Patrick James, B.Sc. - - - -	1962
Strods, Inta Maria, B.A. - - - -	1962	Sweeney, Robert James, M.B., B.S. - - -	1953
Stroud, Desmond John, B.App.Sc. - - - -	1965	Sweeney, Trevor John, B.Tech. - - - -	1958
Struenkmann, Uwe, B.Ec. - - - -	1965	Sweet, Ian Paul, B.Sc. - - - -	1966
Stuart, Anthony, B.A. - - - -	1964	Sweet, Ross, M.B., B.S. - - - -	1964
Stuart, Cameron Kingston, LL.B. - - - -	1956	Sweet, Stephen Frank, B.Sc. - - - -	1964
B.A. - - - -	1963	Sweetapple, George Frederick, B.Sc. - - -	1945
Stuart, Kenneth Howard, B.Sc. - - - -	1966	Sweetapple, Rosemary Hope, B.A. (Natal,	
Stuart, Noel Harry, B.Sc. B.E. - - - -	1928	1962) - - - -	1965
Stubber, Leo Anthony, M.B., B.S. - - - -	1953	Sweller, Genia, M.B., B.S. - - - -	1964
Stubberfield, Denis Roy, B.App.Sc. - - -	1965	Swift, Sir Brian Herbert, M.B., B.S. (Cam-	
Stubbs, Ruth Margaret, Mus.Bac. - - - -	1959	bridge, 1916) - - - -	1920
Stuckey, Edward Joseph, B.Sc. - - - -	1895	M.D. (Cambridge, 1936) - - - -	1936
M.B., B.S. - - - -	1903		

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Swift, Diana Miller, M.B., B.S.	1966
Swift, Harry Houghton, B.E.	1915
Swift, Vera May, B.A.	1935
Swings, Francis, M.B., B.S.	1954
Swincer, Graeme Douglas, B.Ag.Sc.	1964
Switajewski, Christopher Alfred, M.B., B.S.	1964
Sydenham, Peter Henry, B.E.	1964
Sykes, Elaine, B.A.	1967
Sykes, Judith Nicola, B.Sc.	1967
Sykes, Leon Turnbull, B.Tech.	1962
Sykes, Meredyth Elizabeth, B.A.	1960
Sylow, Barbara Elizabeth Ruth, B.Sc.	1960
Symes, William David, M.B., B.S.	1952
Symon, Charles Craven, B.Sc.	1955
Symon, Charles James Ballaarat, M.A. (Oxford, 1919)	1932
Symon, David Eric, B.Ag.Sc.	1950
Symon, Robert Josiah, B.Tech.	1962
Symonds, Edwin Joseph Truman, B.E.	1926
Symonds, Edwin Malcolm, M.B., B.S.	1958
Symonds, George Burnett Lionel, B.E.	1919
Symonds, John Lloyd, B.Sc.	1944
Symonds, Josephine Beryl, B.Sc.	1960
Symonds, Phillip Jeffrey, B.Sc.	1963
Symonds, Ruth Caust, B.A.	1950
Symonds, Wybert Milton Caust, B.Sc.	1925
Symons, Clifford Thomas, M.A. (B.A., 1929)	1936
Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Symons, Eric Lindsay, M.B., B.S.	1917
Symons, Frederick John Walter, B.E.	1960
Symons, Frederick William, B.E.	1926
Symons, Geoffrey David, B.Sc. B.A.	1959
Symons, Gordon Joseph, B.A.	1960
Symons, Jack Gilroy, B.E.	1936
Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953)	1960
Symons, Lloyd Alfred Grigg, B.A.	1928
Symons, Margaret Anne, B.A.	1957
Symons, Mark Gail, B.E.	1959
Symons, Peter Norman, B.E.	1966
Symons, Reginald Albert, LL.B.	1957
Symons, Stuart Barry, B.D.S.	1927
Szczegieslki, Wladyslawa Wanda, B.A.	1959
Szekeress, Peter, B.Sc.	1966
Szorenyi-Reischl, Nicholas Andrew, B.A.	1960
Szorenyi-Reischl, Nicholas Andrew, B.A.	1965

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Tabor, Adrian, B.Sc.	1982
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
Talbot, Judith Ann, M.B., B.S.	1964
Talmet, 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, 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, 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 Poh, M.B., B.S.	1965
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, 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
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
Tanzer, Christian Ignatius, B.Sc.	1963
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, Ha, B.A.	1944
Tavender, Roy Malcolm, B.Tech.	1962
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, 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, Reginald Morton, M.Sc. (B.Sc., 1951)	1962
Taylor, Robert Herbert George, B.D.S.	1929
Taylor, Robert John, LL.B.	1963
Taylor, Robert William, B.Sc.	1960
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
Teague, John Fletcher, B.Sc.	1964
Tebecis, Andris Karlis, B.Sc.	1965
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

* Deceased

Telfer, Douglas Ivan, B.A.	1945	Thompson, Anthony William, B.Sc.	1964
Teluk, Jaroslawn Alexander, B.Sc.	1966	Thompson, Arthur Melville, B.Sc.	1936
Temby, Allen Christopher, M.E. (B.E., 1960)	1964	Thompson, Basil Clive, B.E.	1955
Temby, Penelope Claire, B.A.	1966	Thompson, Diane Joy, B.A.	1967
Templer, Dianne Jessie, B.A.	1966	Thompson, Bryan William, M.B., B.S.	1957
Templer, Jeffrey Norman, B.E.	1941	Thompson, Douglas Norman, B.Sc.	1949
Tennant, Maxine Rita, M.B., B.S.	1951	Thompson, Elaine Joyce, B.A.	1964
Tennosaar, Henn, B.E.	1967	Thompson, Frank Howard, B.A.	1955
Teo, Chiang Boon, B.E.	1961	Thompson, Frederick Verner, B.Sc. (Eng.)	1948
Teo, Chiang Long, B.Ec.	1967	Thompson, Glen Raymond, B.Sc.	1964
Teoh, Eng Hong, B.Ec.	1965	Thompson, Irving Alexander Anthony, Ph.D. (Cambridge, 1965)	1966
Teoh, Hoon Leong, B.Ec.	1957	Thompson, James Edmond, B.Sc.	1967
Ternan, Verna Joyce, B.A.	1933	Thompson, Janette Ann, B.A.	1966
Terrell, Richard Deane, B.Ec.	1953	Thompson, Jean Fleming, B.A.	1928
*Terrill, Frederick Edward, M.B., B.S.	1922	Thompson, Jessie Mildred, B.A.	1939
Terrill, Samuel Ernest, B.Sc.	1927	Thompson, Jill Susan, B.A.	1964
Terry, Athalie May, B.A.	1961	Thompson, John Evlyn, M.B., B.S.	1955
Terry, Graham Robert, B.Mus.	1967	Thompson, John Heath, B.Tech.	1963
Terry, John Richard, B.Tech.	1967	Thompson, John Robert, M.B., B.S.	1938
Tester, Donald Kenneth, B.Sc.	1951	Thompson, John Ronald, B.D.S.	1941
Teubner, Peter John Osmond, B.Sc.	1960	Thompson, Kay Judith, B.A.	1965
Teusner, Berthold Herbert, LL.B.	1931	Thompson, Leonard Arthur, B.D.S.	1950
Teusner, Roger Erskine, LL.B.	1962	Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958
Teusner, Terence Theodor, M.B., B.S.	1959	Thompson, Maxwell Andrew, B.E.	1952
Tew, John Hedley Brian, M.A. (Ph.D., Cam- bridge, 1940)	1947	Thompson, Meryl Joan, B.A.	1966
Texler, Eva, M.B., B.S.	1942	Thompson, Neil, B.A.	1966
Texler, Karl Christopher, M.B., B.S.	1959	Thompson, Noel, B.Sc.	1954
Tham, Cham Kwong, B.E.	1965	Thompson, Norman, B.Sc.	1965
Tham, Toong Seng, B.E.	1965	Thompson, Philip Wayne, B.Sc.	1964
Tharavanij, Savanat, Ph.D.	1966	Thompson, Rex Palmerstone, B.Sc.	1948
The, Gregorius Maria Swie Siong, M.E. (B.E., 1960)	1965	Thompson, Rodney Burgess, B.Tech.	1967
Theng, Kian Goan, Benny, Ph.D. (B.Ag.Sc., 1960)	1965	Thompson, Roger David, B.A.	1967
Thiel, Colin Victor, B.Sc.	1949	Thompson, Thomas Alexander, B.Sc.	1896
Thiele, Colin Milton, B.A.	1941	Thompson, William, B.A.	1936
Thiele, James Barnabas, Mus.Bac.	1952	Thompson, William Douglas, B.Sc.	1966
Thiele, Janet Rosemary, B.A.	1963	Thompson, William Gordon, LL.B.	1959
Thiele, Wayne Kerwin, B.Sc.	1961	Thomson, Barbara Ellen, M.B., B.S.	1967
Thiem, Dorothy Anne, B.A.	1967	Thomson, Beresford John Rodger, B.D.S.	1957
Thiersch, Johannes Bernhard, M.D. (Frei- burg, 1935)	1938	Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941)	1957
Thiersch, Marie-Louise Mathilde, B.A.	1965	Thomson, Bruce James, B.Sc.	1950
Thiselton, Malcolm Robert, B.Tech.	1960	Thomson, Bruce William, B.D.S.	1957
Thithapandha, Amnuay, B.Sc.	1966	Thomson, Cedric Jeffrey, LL.B.	1951
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Thomson, Gerald Peter Debussy, M.B., B.S.	1961
Thomas, Alfred John Thornley, M.B., B.S.	1949	Thomson, Ian Alexander, B.Tech.	1958
Thomas, Arthur Robin, B.E.	1936	Thomson, James Donald, LL.B.	1963
Thomas, Barry Alexander, B.Tech.	1964	Thomson, Janet Elizabeth, B.Sc.	1956
Thomas, Brian Gordon, M.B., B.S.	1947	Thomson, Joanna Rolistoun, B.A.	1948
*Thomas, David Austin Grenfell, LL.B.	1931	Thomson, John David, B.Tech.	1964
Thomas, David John Saint, B.E.	1932	Thomson, John Douglas, B.Tech.	1967
Thomas, David Westwood, B.Med.Sc.	1963	Thomson, Joyce Ann, B.A.	1967
M.B., B.S.	1966	Thomson, Keith Westhead, Ph.D. (Washing- ton, 1953)	1954
Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955	Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Thomas, Geoffrey Edward, B.A.	1967	Thomson, Linda Lovibond, B.D.S.	1926
Thomas, Geoffrey Neil, B.Ag.Sc.	1965	Thomson, Napier Maurice, M.B., B.S.	1967
Thomas, Harold Davey, B.E.	1935	Thomson, Peter Pratt, B.Sc.	1965
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933)	1949	Thomson, Richard William, B.E.	1964
Thomas, Jack, B.Sc.	1934	*Thomson, Sydney William, B.D.S.	1930
Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945	Thomson, Theodore Roderick, M.B., B.S.	1947
Thomas, Jennifer Mary, B.A.	1960	Thomson, Vera Audrey, B.A.	1947
Thomas, John Angas, B.Sc.	1948	Thonard, John Charles, Ph.D. (Rochester, 1960)	1967
Thomas, John Baden, B.Tech.	1960	Thong, Choe Loen Raymond, B.E.	1958
Thomas, John David, B.Tech.	1967	Thong, Kar Lum, B.Sc.	1964
Thomas, Joyce Amy, B.Sc.	1949	Thong, Wing Yip, Albert, B.E.	1962
Thomas, Kay, B.Sc.	1966	Thornton, Digby Noel, M.B., B.S.	1951
Thomas, Kenneth Donald, B.A.	1953	Thornton, Gayfield Collins, M.B., B.S.	1943
Thomas, Kenneth Hewitson, B.Ec.	1953	Thorpe, Donald Stephen, B.Sc.	1966
Thomas, Lindsay, B.Sc.	1962	Thorpe, Geoffrey William, B.A.	1955
Thomas, Margaret Helen, B.A.	1934	Thredgold, Beatrice Marie, B.A.	1928
Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927	Thredgold, Harold Malcolm, B.Sc.	1965
Thomas, Martyn William, M.B., B.S.	1966	Threlfall, William Frederick, B.Sc.	1966
Thomas, Milton, B.Sc.	1950	Thrower, Dalton Craig, B.Tech.	1961
Thomas, Richard Grenfell, B.Sc.	1924	Thrum, Edward Allen, B.Sc.	1921
Thomas, Richard Murison, B.Sc.	1966	B.E.	1924
Thomas, Robert Edwin, B.D.S.	1967	Thrush, Harry Clifford, B.A.	1915
Thomas, Trevor Wilson, B.A.	1939	Thum, Bee Goh, B.Sc.	1967
Thomas, Walter Warren, B.E.	1951	Thuys, John Gerard, B.Sc.	1964
Thomas, Wendy Elizabeth, B.Sc.	1962	Thwaites, Neil Harry, B.Tech.	1960
Thomas, Wesley James, B.Sc.	1952	Thyer, Alexander Maitland, M.E. (B.E., 1924)	1936
Thomas, William Lancelot, B.A.	1925	Thyer, Frederick Lewis, M.B., B.S.	1923
Thompson, Aileen Joyce, B.Sc.	1950	Thyer, George Maitland, B.E.	1962
Thompson, Alexander McQueen, M.B., B.S.	1937	Thyer, Harold Walford, M.B., B.S.	1964
Thompson, Anthony George, Ph.D. (B.E. (N.Z., 1947), 1959)	1966	Thyer, Jillian, B.A.	1967

* Deceased

Thyer, Robert Francis, B.Sc.	1932
Tiang, Kiing Kiat, Christopher, B.Sc.	1967
Tichi, Salvatore, LL.B.	1966
Tideman, Arthur Frederick, B.Ag.Sc.	1953
Tideman, Brian George, B.Tech.	1966
Tideman, Frederick William, B.E.	1925
Tideman, Margaret Beryl, B.A.	1963
Tidemann, Ernest Phillips, B.D.S.	1933
Tidswell, Bruce Allison, B.D.S.	1955
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queens-land, 1919)	1922
Tilbrook, Norman Keith, B.E.	1949
Tilbrook, Percival Montrose Torr, B.A.	1954
Tilby, Jenis Marie, B.A.	1964
Tilby, Penelope Jean, B.A.	1966
Tilemann, Rosemary, B.A.	1957
Till, Maxwell Roy, B.Ag.Sc.	1949
Tiller, Adrian Bruce, B.Ag.Sc.	1967
Tiller, Kenneth Matthew John, B.Sc. B.A.	1949
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1957
Tillett, Peter Irwin, B.Sc. B.A.	1956
Tillett, Rodney Colin, B.E.	1963
Tilley, Cecil Edgar, B.Sc.	1961
Tilley, Harold William George, B.Ec.	1914
Tilly, Graham John, B.Sc.	1964
Timcke, Edward Waldemar, B.A.	1957
Tindale, Beryl Rae, B.A.	1920
Tindale, John, B.Sc.	1948
Tindale, John James, B.Ag.Sc.	1962
Tindale, Norman Barnett, B.Sc.	1961
Tindall, Colin James, LL.B.	1932
Tindall, Ronald Graham, B.Sc.	1937
Ting, King Yit, Thomas, B.Sc.	1956
Tipping, Richard Michael, M.B., B.S.	1965
Tiver, Athol, B.Ag.Sc.	1938
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1956
Tiver, Peter Graham, B.A.	1947
Tiver, Ronald Wayland, B.D.S.	1962
Tjokrosobroto, Raden Heroetomo, B.App.Sc.	1943
Tobin, Ashleigh Hambridge, Mus.Bac.	1963
Todd, Arnold Charles, B.E.	1964
Todd, Robert Gordon, B.Ec.	1955
Todd, Ronald Maxwell, B.Tech.	1965
Todd of Trumpington, The Right Honourable Baron; Alexander Robertus Todd, D.Sc. (Glasgow, 1938)	1964
Toh, Kim Thye, B.E.	1965
Tohver, Ilmar, B.D.S.	1959
Toicher, Vernon Arthur, B.E.	1955
Tolcay, Julius William, B.Tech.	1953
Toihurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1965
Toimie, Ronald Philip, B.E.	1949
Tomlin, John Anthony, B.Sc.	1957
Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1963
Tomlinson, Betty Mary, B.A.	1960
Tomlinson, William Frederick, M.B., B.S.	1939
Tong, Peggy, B.Sc.	1939
Tonkin, Aubrey Douglas, M.B., B.S.	1966
Tonkin, David Oliver, M.B., B.S.	1951
Tonkin, Donald Geoffrey, B.E.	1953
Tonkin, Jennifer Jane, B.A.	1965
Tonkin, Mary Elizabeth, B.A.	1965
Tonkin, Neil Richard, B.Ec.	1944
Tonkin, Raymond George, M.B., B.S.	1967
Tonkin, Verna Iris, B.Sc.	1937
Tonkin, William Richards, M.B., B.S.	1961
Toomey, Derek Morton, B.A. (Manchester, 1958)	1921
Toop, Beryl Rachel, B.Sc.	1961
Toovey, Douglas Reginald, B.Ec.	1959
Tooze, Mervyn John, B.Sc.	1957
Topliss, John George, M.B., B.S.	1947
Topperwein, Irwin, M.A. (B.A., 1922) B.Sc.	1950
Torr, Shirley Constance, B.A.	1924
Torr, Thomas Harold, M.B., B.S.	1925
Tosolini, Frederick Angelo, M.B., B.S.	1944
Tostevin, Alfred Ladyman, M.B., B.S.	1953
Tostevin, Graham Mark, M.E. (B.E., 1953)	1964
Tosukhowong, Pichit, B.Sc.	1923
Tothill, Judith Windebank, B.A.	1957
Tothill, Kym Maxwell, B.Tech.	1966
Tottman, Vance Denzil, M.B., B.S.	1953
Tough, Peter Frank, B.E.	1967
Toussaint, Rose Evangeline, M.B., B.S.	1961
Townsend, Douglas George, M.B., B.S.	1956
Townsend, Herbert Louis, B.A.	1956
Townsend, Norman Charles Wilson, M.B., B.S.	1941
Tozer, Barry Allan, B.E.	1956
Tozer, Ross Leonard, M.B., B.S.	1965
Tracey, Alan James, B.Tech.	1957
Traeger, Anne Patricia, M.B., B.S.	1959
Traeger, Keith Terence, B.A.	1966
Treatman, Frank, M.D. (London, 1892)	1949
Traub, Max, M.B., B.S.	1899
Trauer, Robert, M.B., B.S.	1952
Travers, John Leo, LL.B.	1952
Travers, Paul Brendon, B.Tech.	1920
Treagus, Elaine Mary, B.A.	1963
Treasure, Eunice Jessie, B.A.	1966
Treasure, Valda Beth, B.A.	1944
Trebilcock, David, B.A.	1951
Trebilcock, Donald Ray, B.A.	1964
Trebilcock, Dorothy Lorraine, B.A.	1967
Trebilcock, Heather Anne, B.Sc.	1966
Trebilcock, John Bungey, M.B., B.S.	1965
Trebilcock, Michael John, LL.M.	1953
Trebilcock, Robin John, B.Tech.	1966
Tregenza, Alan Arthur, B.A.	1967
Tregenza, Jean Florence, B.A.	1949
Tregenza, John Miller, M.A. (B.A., 1953)	1955
Tregenza, Lesley Margaret, B.Sc.	1956
Tregenza, Sydney Lloyd, B.A.	1965
Tregloan, Peter Allan, B.Sc.	1923
Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1964
Tregonning, Donald John Kennedy, M.B., B.S.	1951
Tregonning, Kennedy Gordon Philip, B.A.	1949
Treleaven, David Ross, B.Tech.	1950
Treleaven, Walter, B.Sc.	1964
Treloar, Albert Edward Coran, LL.B.	1893
Treloar, Deane Andrew, B.Arch.	1927
Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1964
Treloar, Gwenyth Florence, B.A.	1959
Treloar, Hugh Kingsley, LL.B.	1960
Treloar, Jennifer Ann, B.A.	1951
Treloar, John Harvey, B.E.	1965
Treloar, John Howard Francis, LL.B.	1954
Treloar, Lionel Hammond, LL.B.	1965
Treloar, Philip Douglas, B.E.	1957
Treloar, Ronald William, B.Ec.	1967
Tremain, Allen Maurice, B.Sc.	1943
Trembath, Frank Everard, M.B., B.S.	1944
Tremlett, Ian Walter, B.Ec.	1958
Trendall, Arthur Dale, D.Litt. (New Zealand, 1936)	1958
Trenerry, Dennis William, B.Sc.	1960
Trenerry, Graham Aldebaran, B.Sc.	1967
Trenerry, Michael Anthony, LL.B.	1967
Trenerry, Roger, B.E.	1948
Trenorden, Ailsa Gwynne, B.Sc.	1952
Trenorden, Glenwynne Eva, B.A.	1934
Trenorden, James Henry, B.A.	1945
Trestrail, Hugh Alexander, B.E.	1937
Trethowie, Everton Rowe, M.D. (Melbourne, 1939)	1944
Trethowie, John Vere, B.Sc.	1967
Trett, Victor, B.Sc.	1963
Trevaskis, Douglas Frank, B.A.	1967
Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1958
Trezise, William Peter, B.Tech.	1967
Triggs, Kathleen Dorothy, B.A.	1945
Trim, Darrell Alfred, LL.B.	1967
Trimmer, Ray Brian, B.E. B.Ec.	1949
Trist, Alan Roberts, B.Sc.	1961
Trott, Arthur Keith, B.D.S.	1926
Trott, Dudley William, B.D.S.	1939
Trott, Geoffrey William, B.Sc. B.E.	1939
Trott, John Richard, M.D.S. (B.D.S., 1950)	1965
Trott, Lyndon Rodney Eyre, B.E.	1967
Trotter, Claudia Annette, B.A.	1950
Trotter, Frederick Lionel, B.D.S.	1964
Trudinger, Leonard Paul, B.A.	1941
Trudinger, Malcolm August, M.B., B.S.	1957
Trudinger, Martin, B.A.	1927
Trudinger, Philip Alan, Ph.D. (B.Sc., 1948)	1912
	1955

* Deceased

Trudinger, Ronald, B.Sc.	1905
M.B., B.S.	1909
Trudinger, Ronald Martin, B.A.	1943
Trueman, Norman Anthony, M.Sc.	1966
*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
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
Tucker, Bruce Mollet, M.Sc. (B.Sc., 1941)	1958
B.A.	1958
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, 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.	1958
Tudor, Allan James, B.Tech.	1967
Tugwell, Barry Leonard, B.Ag.Sc.	1965
Tugwell, Beverley Jean, B.Sc.	1963
Tulloch, David Gerald, B.A.	1965
Tulloch, Susan Elizabeth, B.A.	1966
Tume, Ronald Keith, B.Sc.	1964
Tunbridge, Peter Brett, M.B., B.S.	1953
Tuncks, Valerie Christine, B.A.	1964
Tung, Ching Kwong, Kenneth, B.D.S.	1965
Tuohy, Ian Ronayne, B.Sc.	1967
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 Zea- land, 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, 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, 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
Twopeay, 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
Tyson, Alan Robert, B.Sc.	1965
Tyson, Angus Gordon, M.Sc. (B.Sc., 1949)	1954
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, 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
Urnevicus, Stanislovas Vincentas, B.Sc.	1967
Urwin, Jack Robson, Ph.D. (B.Sc., 1950)	1954
Usback, 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
Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952)	1953
Van Bronswyk, Wilhelm, B.Sc.	1963
Vance, Christina Elizabeth, B.Sc.	1935
van Daal, Lambertus Martinus Maria, B.Tech.	1964
Vanderhoek, Gilah Chaja, B.A.	1963
Van der Pennet, 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 Mat- thias, Ph.D. (London, 1961)	1965
Vanstone, Bartley James, B.D.S.	1946
Van Velsen, Carolyn Marie, B.A.	1966
Van Velsen, Reuben John, M.Ag.Sc. (B.Ag.Sc., 1957)	1960
Van Wageningen, Brian Cornelis, B.A.	1966
Van Zyl, François David Wallace, B.Arch. (Cape Town, 1952)	1962
Varcoe, Thomas Richard, B.App.Sc.	1967
Vardon, Cheryl Anne, B.A.	1967
Vardon, John Michael, B.Tech.	1965
Varley, Bryon Charles, B.Tech.	1960
Varoneckas, Ona Roma, M.B., B.S.	1962
Vartuli, Angelo Ralph, B.D.S.	1967
Vaskess, Colin Francis, B.Sc.	1967
*Vasudevan Menon, Cherubala Pathayap- purayil, M.B., B.S.	1960
Vaudrey, Mary, B.A.	1933

* Deceased

Vawser, John Alfred, B.E.	- - - -	1926	Wade, Mary Julia, Ph.D. (B.Sc., 1951)	- - - -	1959
Vawser, Keith Derwent, B.E.	- - - -	1954	Wadham, Elizabeth Jean, M.A. (B.A., 1953)	- - - -	1954
Vawser, Nevin Stuart, B.E.	- - - -	1948	Wadsworth, Bernard Francis Peter, M.E. (B.E., 1956)	- - - -	1960
Vawser, Noel Dean, M.B., B.S.	- - - -	1963	Wadsworth, Robert James Paul, M.B., B.S.	- - - -	1965
Vawser, Noel Keith, B.Ec.	- - - -	1944	Waechter, Heather Lorraine, B.Sc.	- - - -	1964
Vawser, Paul Frederick, B.D.S.	- - - -	1950	Waechter, Raymond Trevor, B.E.	- - - -	1957
Vawser, Robert du Rieu, B.A.	- - - -	1964	M.Sc. (B.Sc. 1961)	- - - -	1964
Veitch, Lindsay Garfield, B.Sc.	- - - -	1949	Wagner, Barbara Joan, B.D.S.	- - - -	1942
Venner, Barton Frederick, M.B., B.S.	- - - -	1946	Wagner, Franz William, B.Sc.	- - - -	1928
Venz, Walter Ernest, B.A.	- - - -	1961	Wagner, Mervyn Arthur, B.Sc.	- - - -	1966
Verco, Claude Maythorn, B.A.	- - - -	1915	Wagstaff, Rosemary, B.A.	- - - -	1961
Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901)	- - - -	1902	Wahlquist, Eric Gilbert, B.A.	- - - -	1951
Verco, Geoffrey Webb, M.B., B.S.	- - - -	1937	Wahlqvist, Mark Lawrence, B.MedSc M.B., B.S.	- - - -	1963
Verco, Joseph Stanley, M.B., B.S.	- - - -	1913	- - - -	- - - -	1966
Verco, Luke Everard, M.B., B.S.	- - - -	1940	Wainwright, Charles Leonard, B.Sc.	- - - -	1900
Verco, Peter Willis, M.D. (M.B., B.S., 1942)	- - - -	1949	Wainwright, Mark Sebastian, B.App.Sc.	- - - -	1966
Verco, Ronald Lister, M.B., B.S.	- - - -	1928	Wainwright, Michael William, B.D.S.	- - - -	1964
Vercoe, Geoffrey Stanley, M.B., B.S.	- - - -	1967	Wait, Marthe Lucy, M.A. (B.A., 1920)	- - - -	1922
Verheyen, Virginia Fay, B.A.	- - - -	1963	Wait, Rosemary Gwendoline, B.A.	- - - -	1964
Vermeulen, Cornelius Marinus, B.Tech.	- - - -	1966	Wait, Yvonne Lois, M.A. (B.A., 1926)	- - - -	1932
Verrall, Lois Rita, B.A.	- - - -	1956	Waite, Jack Francis Enos, B.A.	- - - -	1936
Verrall, Raymond Wilfred, B.A.	- - - -	1937	Waite, Jill Shergold, B.A.	- - - -	1962
Verrall, Roswell Victor, B.E.	- - - -	1947	Waite, Peter John, B.Sc.	- - - -	1962
Versans, Imants, B.Sc.	- - - -	1963	Wake, Roderick Barry, B.E.	- - - -	1951
Vicharangsana-Ka, Tanoo, B.E.	- - - -	1961	Wakeford, Sidney Claud, B.A.	- - - -	1937
Vick, Lloyd Winston, Mus.Bac.	- - - -	1956	Waldeck, Reginald David Chapple, B.A.	- - - -	1950
Vickery, Frederick Arthur, M.A. (B.A., 1928)	- - - -	1931	Walker, Alan Philip, B.A.	- - - -	1961
Vickery, Graham George, B.Sc.	- - - -	1966	Walker, Alexander John Kerry, B.Ag.Sc.	- - - -	1939
Vickery, Margaret, B.A.	- - - -	1952	Walker, Bruce Gladstone, M.B., B.S.	- - - -	1964
Videon, Kevin Neil, B.Tech.	- - - -	1964	Walker, Christina Annie, LL.B.	- - - -	1935
Vigar, Penelope Elizabeth Shannon, B.A.	- - - -	1967	Walker, David John, B.Arch.	- - - -	1963
Viggers, George Beddoe, B.A.	- - - -	1958	Walker, Donald Campbell, M.B., B.S.	- - - -	1962
Vigor, David Bernard, B.A.	- - - -	1960	Walker, Ellen Lawson, B.Sc.	- - - -	1899
Vijh Inderjit, B.E.	- - - -	1958	Walker, Gilbert John, B.A.	- - - -	1940
Wilkins, Alberts, B.A.	- - - -	1961	Walker, Gordon Harold, B.E.	- - - -	1952
Vimpani, Graham Vernon, M.B., B.S.	- - - -	1967	Walker, Graham Thomas, B.A.	- - - -	1963
Vincent, David James, B.D.S.	- - - -	1949	Walker, Helen Prudence, B.A.	- - - -	1966
Vincent, Francis William, B.E.	- - - -	1950	Walker, Ian Saville, Ph.D. (B.Sc., 1952)	- - - -	1956
Vincent, Graham Frank, B.Tech.	- - - -	1962	Walker, Jane Elizabeth, B.A. (Wales)	- - - -	1908
Vingelis, John, B.Sc.	- - - -	1967	Walker, Janice Phyllis, B.A.	- - - -	1956
Viola, Marian, B.E.	- - - -	1966	Walker, Jillianne Mary, B.A.	- - - -	1963
Virgo, David, Ph.D. (B.Sc., 1961)	- - - -	1967	Walker, John Adrian Mozar, M.B., B.S.	- - - -	1951
Vitale, John Vincent, B.A.	- - - -	1964	Walker, John Mayelston Mudie, M.B., B.S.	- - - -	1967
Vitolins, Maija Irena, B.Sc.	- - - -	1959	Walker, John Schomburgk, B.Sc.	- - - -	1926
Vitols, Baiba, B.Sc.	- - - -	1963	Walker, Mildred, B.A.	- - - -	1928
Vitols, Deilla, B.Sc.	- - - -	1967	Walker, Reginald Jeffrey, M.B., B.S.	- - - -	1952
Vitols, Rane, M.B., B.S.	- - - -	1967	*Walkley, Allan, B.Sc.	- - - -	1927
Vivian, Arthur Brian, M.B., B.S.	- - - -	1950	Walkley, Gavin, B.E.	- - - -	1934
Vladcoff, Adrian Nicholay, B.E. B.Sc.	- - - -	1962	M.A. (Cambridge, 1942)	- - - -	1949
- - - -	- - - -	1963	Walkley, Joan Eileen, M.Sc. (B.Sc., London)	- - - -	1949
Vlahakis, Emmanuel, M.B., B.S.	- - - -	1962	Wall, Barbara Deane, M.A. (B.A., 1949)	- - - -	1950
Vnuk, Frantisek, B.Sc.	- - - -	1955	Wall, Brian Henry, B.E.	- - - -	1958
B.A.	- - - -	1957	Wall, Gordon Elliott, B.Sc.	- - - -	1947
Vockler, John Charles, B.A. (Queensland, 1953)	- - - -	1961	Wall, Ian Baker, B.E.	- - - -	1955
Vogt, Brian Joseph, B.E.	- - - -	1953	Wall, Jack Ronald, M.B., B.S.	- - - -	1967
Vogt, Ronald Walter, B.Sc. (Eng.)	- - - -	1947	Wall, Kenneth John, B.Tech.	- - - -	1964
Von Behrens, Wieland Eberhard, M.B., B.S.	- - - -	1966	Wall, Margaret Esther, B.Sc.	- - - -	1951
Von der Borch, Adrian Alhard, M.B., B.S.	- - - -	1962	Wallace, Dean Kingsley, B.Ec.	- - - -	1964
Von der Borch, Christopher Carl, Ph.D. (B.Sc., 1957)	- - - -	1963	Wallace, Donald, B.A.	- - - -	1939
Von der Borch, Rudolph Hermann, M.B., B.S.	- - - -	1926	Wallace, Frank Kenneth, M.B., B.S.	- - - -	1934
Von der Borch, Sandra Marie, B.Sc.	- - - -	1961	Wallace, Malcolm Maxwell, M.B., B.S.	- - - -	1959
Von Doussa, John William, LL.B.	- - - -	1962	Wallace, Peter Richard, M.E. (B.E., 1961)	- - - -	1966
Von Doussa, Robert Louis, B.D.S.	- - - -	1964	B.Sc.	- - - -	1967
Vorbach, Adrian Neil, M.B., B.S.	- - - -	1961	Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	- - - -	1958
Vorbach, Ernest Athol, M.B., B.S.	- - - -	1961	*Wallace, Sir Robert Strachan, M.A. (Oxford)	- - - -	1926
Vowels, Rex Eugene, M.E. (B.E., 1937)	- - - -	1939	Waller, Peter Francis, B.Sc.	- - - -	1965
Vowles, Norman Joseph, B.D.S.	- - - -	1957	Wallman, Ian Stuart, M.B., B.S.	- - - -	1947
Vowles, Robert Clayton Hay, B.E.	- - - -	1960	Wallman, James Douglas Robson, M.B., B.S.	- - - -	1951
Voyzey, William, B.A.	- - - -	1959	Wallman, Leigh Stuart, M.B., B.S.	- - - -	1940
Vu, The Bao, B.E.	- - - -	1962	Wallman, Neil Stuart, M.B., B.S.	- - - -	1944
Vu, Quy Ky, B.E.	- - - -	1963	Wallman, Nugent Horton, LL.B.	- - - -	1937
Vun, Fon Foh, B.A.	- - - -	1965	Wallman, Rex Horton, B.D.S.	- - - -	1951
Vyborny, Rudolf, Ph.D. (Dr. rer. nat., Prague, 1953)	- - - -	1966	Wallman, Richard John Robson, M.B., B.S.	- - - -	1951
Vyse, Mignon Rosina, M.B., B.S.	- - - -	1959	Wallmann, Douglas Robson, M.B., B.S.	- - - -	1918
- - - -	- - - -	- - - -	Wallmann, Reginald Horton, LL.B.	- - - -	1907
- - - -	- - - -	- - - -	Walmsley, Norman Stuart, B.D.S.	- - - -	1952
- - - -	- - - -	- - - -	Walmsley, Robert Leitch Eric, M.B., B.S.	- - - -	1920
- - - -	- - - -	- - - -	Walsh, Brian Richard, M.B., B.S.	- - - -	1950
- - - -	- - - -	- - - -	Walsh, Dorothy Counley, B.A.	- - - -	1921
- - - -	- - - -	- - - -	Walsh, Eleanor Wynn, B.Sc.	- - - -	1964
- - - -	- - - -	- - - -	Walsh, Elizabeth Jan, B.A.	- - - -	1956
- - - -	- - - -	- - - -	Walsh, Esmond Thomas, M.B., B.S.	- - - -	1926
- - - -	- - - -	- - - -	Walsh, Frances Mary, B.A.	- - - -	1931
- - - -	- - - -	- - - -	Walsh, Geoffrey Goode, B.E.	- - - -	1959
- - - -	- - - -	- - - -	Walsh, Graham, B.Tech.	- - - -	1966
- - - -	- - - -	- - - -	Walsh, John Alfred, M.B., B.S.	- - - -	1963
- - - -	- - - -	- - - -	Walsh, John Francis Anthony, M.B., B.S.	- - - -	1955

W

Wace, Nigel Morritt, Ph.D. Belfast, 1961)	- - - -	1962
Wache, Ethel Mabel, B.A.	- - - -	1939
Waclawik, Franz Rudolf, B.Sc.	- - - -	1966
Waddy, Brian Cadwallader, M.B., B.S.	- - - -	1952
Waddy, John Lane, M.B., B.S.	- - - -	1948
B.Sc.	- - - -	1959
Wade, Keith Oliver, B.Sc.	- - - -	1963

* Deceased

Walsh, Kevin Gerald, LL.B.	1932	Wassermann, Vicarius Daniel, Ph.D.	1965
Walsh, Margaret Mary, B.A.	1951	Wastell, John Ernest, B.E.	1964
Walsh, Peter Colin, LL.B.	1965	Wasty, Ghulam Husain, M.B., B.S.	1961
Walsh, Philippa Barbara, B.A.	1967	Waterhouse, Edward John, B.Ag.Sc.	1953
Walsh, Reginald Clarence, B.E.	1925	Waterhouse, George Saville, B.A.	1955
Walsh, Robert Leo, B.Sc.	1967	Waterhouse, Louis David, LL.B.	1914
Walsh, Valerie Mary, B.A.	1964	Waterhouse, Ronald Greaves, M.B., B.S.	1952
Walter, Barbara Katherine, B.A.	1963	Waterhouse, Thomas Henry, B.E. (Interim	
Walter, Bryan Robert, B.Sc.	1963	B.Sc. (Eng.), 1945, surrendered)	1948
Walter, Denys, B.Ec.	1955	Waterman, Ewen Leith, B.Ec.	1965
Walter, Harold Noal, B.E.	1936	Waterman, Joseph Elliot, B.E. (Interim B.Sc.	
Walter, Hilda Blanche May, M.A., (B.A.,		(Eng.), 1943, surrendered)	1947
1913)	1915	Waterman, Pamela Frances, B.A.	1966
Walter, Malcolm Ross, B.Sc.	1965	Waterman, Trevor Roy, M.B., B.S.	1963
Walter, William Ardagh Gardiner, B.A.		Waters, Ernest Bertram, B.Tech.	1961
(Oxford, 1908)	1909	Waters, John Bascomb, LL.B.	1967
Walters, Francis Victor Charles, B.E.	1953	Waters, Peter Robert, B.E.	1967
B.Ec.	1962	Waters, Russell Kyle, B.A.	1949
Walters, George Henry, LL.B.	1936	Waterson, Ian Craig, B.Sc.	1964
Walters, Max Norman Isadore, M.B., B.S.	1954	Waterson, John Gabriel, B.D.S.	1945
Walters, Philip Gray, B.Sc.	1967	Watkins, Charles Thomas, LL.B.	1907
Walters, Stephanus Sebastian, Ph.D.	1967	Watkins, Edward Hammer, M.E. (B.E., 1959)	1960
Walters, William Allen Willcox, M.B., B.S.	1956	Watkins, John Leslie, B.E.	1933
Waltham, Francis Frederick Bowering,		Watkins, Keith James, B.Sc.	1967
B.Tech.	1959	Watkins, Roger Murray, B.Ec.	1967
Walton, Bruce Adrian, B.Sc.	1945	Watkins, Trevor William, B.Tech.	1964
Walton, Geoffrey Norman, B.E.	1960	Watkinson, Mavis Daphne, B.A.	1937
Walton, Gertrude Mary, B.A.	1904	Watson, Arthur John, M.B., B.S.	1953
Walton, Shirley-Anne Campion, B.A.	1956	Watson, Brian, B.E.	1953
Walz, Joseph Michael, B.A.	1945	Watson, Christopher Lex, B.Ag.Sc.	1957
Wan, Kwok Kuen, B.D.S.	1961	Watson, David John, B.E.	1961
Wan, Kun Yiu, M.B., B.S.	1962	Watson, David Stanley, B.Sc.	1954
Wan, Yun, B.Sc.	1966	Watson, Donald Robert, B.E.	1951
Wang, Kenneth Kun, B.Sc.	1966	Watson, George Michael, M.B., B.S.	1936
Wangel, Anders Gustaf, M.D. (M.B., B.S.,		Watson, Graeme Douglas, B.A.	1957
1959)	1965	Watson, Ian Craig, B.Tech.	1967
Wannan, Douglas Copeland, B.E. (Interim		Watson, Ian Miller, B.Tech.	1966
B.Sc. (Eng.), 1945, surrendered)	1947	Watson, Ian Morse, B.A.	1964
Wannan, Ellen Sarah, B.Sc.	1930	Watson, Janet Kaye, B.A.	1966
Warburton, George Bruce, B.Sc.	1961	Watson, John Champion, B.E.	1956
Ward, Alan Joseph, M.A. (Connecticut,		Watson, Joyce, B.A.	1937
1960)	1966	Watson, Kenneth Graham, M.B., B.S.	1953
Ward, Arthur David, Ph.D. (Wellington,		Watson, Margaret Arden, B.Sc.	1940
1962)	1966	Watson, Patricia Bali, M.B., B.S.	1952
Ward, Cyril Michael, M.A. (B.A., 1910)	1912	Watson, Richard Wyndham, M.B., B.S.	1962
Ward, Denby Harcourt, M.E. (B.E., 1955)	1961	Watson, Ruth, M.Sc. (B.Sc., 1934)	1938
Ward (nee Claridge), Evelyn Dorothy, B.Sc.	1935	Watson, Timothy Alfred Francis Quinlan,	
Ward, Geoffrey Grant, M.B., B.S.	1955	M.Sc. (B.Sc., 1939)	1945
Ward, Gerald Michael, LL.B.	1949	Watt, Fanny Eileen, M.A. (B.A., 1927)	1930
Ward, Guthrie Lloyd, B.Tech.	1963	Wattchow, Colin Edward, B.A.	1949
Ward, Harry Lancelot, B.A.	1920	Watters, Roger Allan, B.Sc.	1962
Ward, James Robert Hawthorne, B.Arch.	1966	Watts, Christopher Henry Stuart, B.Sc.	1962
Ward, Jean Russel, B.A.	1939	Watts, Edith Isabel, B.A.	1935
Ward, June, B.A.	1967	Watts, Norman Clarence, B.E.	1956
Ward, Kevin James, LL.B.	1949	Watts, Robin John, LL.B.	1959
Ward, Leonard Keith, B.E. (Sydney, 1903)	1913	Watts, Ruth Emily, B.A.	1949
D.Sc.	1926	Watts, John Clyde, B.Sc.	1949
Ward, Leonard Rosslyn, B.E.	1932	Wauchope, Diana D'Este, B.Sc.	1949
Ward, Margaret Hawthorne, B.Sc.	1958	Wauchope, Diosma Marie, B.A.	1923
Ward, Margaret Kennings, B.A.	1947	Wauchope, Frederick John, B.Sc.	1930
Ward, Michael, LL.B.	1963	Wauchope, Malcolm Macdonald, B.D.S.	
Ward, Richard Owen, LL.B.	1966	(Melbourne, 1918)	1924
Ward, Robert Arthur, B.Tech.	1965	Wauchope, Mary Ruth, B.Ag.Sc.	1965
Ward, Robert Hayes, LL.B.	1936	Wauchope, Mavis Lorelie, M.A. (B.A., 1923)	1936
Ward, Russel Braddock, M.A. (B.A., 1936)	1950	Waugh, David McBride, B.E.	1959
Warden, Mark Cunningham, B.Ec.	1961	Waugh, Heather Jean, B.A.	1967
Warden, Robert Douglas Cunninghame,		Waugh, William McDonald, B.A.	1951
LL.B.	1951	Wawryk, Stefan, B.E.	1961
Wardle, Elizabeth, B.Sc.	1964	Way, Leslie Edward, B.Sc.	1949
Wardle, Margaret, B.A.	1966	Way, Neville James, M.B., B.S.	1948
Wardrop, Alan Haig, LL.B.	1964	Way, Thomas Hubert, B.E.	1952
Ware, Dorothy Alice, B.A.	1960	Waye, Peter Neil, LL.B.	1951
Warhurst, Barbara Willfred, B.Sc.	1938	Wear, Cyril Frederick, B.Tech.	1967
Warhurst, Dean Frank, B.Tech.	1961	Wearing, Alexander James, M.A. (B.A.,	
Warhurst, Patricia Verco, M.B., B.S.	1966	1963)	1967
Wark, Bruce Goodman, B.D.S.	1953	Wearne, Enid Lois, B.A.	1948
Warmingston, Ethne Helen, B.A.	1963	Weaver, Helen Christine, B.Sc.	1963
Warne, Keith Raymond, B.Sc.	1959	Weaver, Michael Pryor, B.Tech.	1964
Warner, John Raymond, B.A.	1959	Webb, Arthur Liddon, M.B., B.S.	1922
Warner, John Robert, B.A.	1967	Webb, Bruce Phillip, M.Sc.	1954
Warner, Peter Morris, B.D.S.	1965	Webb, Donald Barry, B.Ec.	1964
Warren, Barry John, B.Sc.	1963	Webb, Elizabeth Mary, B.A.	1966
Warren, Barry Thomas, B.Arch.	1963	Webb, Emmaline Nancy, B.A.	1949
Warren, Christopher Michael, B.E.	1964	Webb, John Edward, B.Sc. (Eng.)	1942
Warren, Donald Hampton, B.A.	1942	Webb, John Newton, M.B., B.S.	1917
Warren, Ian Douglas, B.Tech.	1965	Webb, Kenneth Alfred, B.E.	1953
Warren, John Robin, M.B., B.S.	1961	Webb, Mary Gwendoline, B.A.	1937
Warren, Richard Kenneth, LL.B.	1965	Webb, Rita Gwendoline, B.A.	1930
Warren, Sidney Lilla, B.A.	1915		

* Deceased

Webber, Allan Thomas, B.Sc.	1966	Wemyss, Robert John, B.Ec.	1960
Webber, Brian John, B.Sc.	1959	Wendelborn, Lawrence Cyril, B.A.	1962
Webber, Carolyn Ann, B.Sc.	1966	Wenham, Muriel, B.A.	1954
Webber, Colin Russell, B.E.	1952	Wennerbom, Alan John, B.Sc.	1956
Webber, Ian Ernest, B.E.	1957	Wennerbom, Barrie Campbell, B.A.	1961
Webber, Ian James, B.A.	1961	Werchon, Kathryn, M.B., B.S.	1966
Webbner, Kevin Graeme Andrew Guy, B.A.	1966	Were, John Owen, B.A.	1933
Webber, Muriel Esme Jill, B.A.	1957	Were, Keith Francis, B.A.	1961
Webber, Ronald Thomas John, B.Ag.Sc.	1948	Wesley Smith, Adeline Rutherford, B.A. (R.U.T., 1904)	1934
Webbling, Donald D'Arcy, Ph.D. (B.Sc., 1950)	1966	Wesley Smith, Henry Elliott, B.A. (Clerk of the Senate)	1936
Webster, Ashley Donald, B.E.	1955	Wesley Smith, John Jeremy, B.Mus.	1965
Webster, Louise Betty, B.Sc.	1962	Wesley Smith, Sheila Isabel, B.A.	1944
Webster, Lyndon Leonard, B.A.	1967	Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	1949
Webster, Raymond Murray, B.Sc.	1938	Wesson, Roy Harold, B.E.	1965
Webster, Stanley George, M.B., B.S.	1951	West, Alan William, LL.B.	1957
Webster, Wilfred Grant, B.Sc.	1949	West, Alfred Lutwyche, B.Tech.	1961
Wee, Tin Sun, B.Ec.	1967	West, Arthur George Bainbridge, M.A. (Oxford, 1892)	1897
Weetman, Alan Russell, M.B., B.S.	1951	West, Bruce Oswald, Ph.D. (B.Sc., 1948)	1954
Wege, Dieter, Ph.D. (B.Sc., 1962)	1967	West, Doris Marjorie, B.A.	1921
Wegener, Clemens Frederick, B.Sc.	1949	West, Eric Stodden, B.Sc.	1921
Wegener, Malcolm Eric, B.A.	1966	West, Esmond Frank, M.B., B.S.	1922
Wegener, Richard Albert, B.E.	1948	West, Graham Peet, M.B., B.S.	1961
Wei, Hon Yin, Stephen, M.D.S. (B.D.S., 1962)	1966	West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946)	1961
Weidenbach, Neil, B.Sc.	1954	West, John Burnard, M.D. (M.B., B.S., 1952)	1959
Weidenhofer, Robert Napier George, B.D.S.	1965	West, John Stanley, B.E. (B.Sc., 1907, surrendered)	1914
Weigold, Erich, B.Sc.	1958	West, Keith Robert, B.Sc.	1965
Weigold, Helmut, Ph.D. (B.Sc., 1960)	1966	West, Leonard Roy, M.B., B.S.	1934
Weigold, (nee Thomas), Josephine Anne, Ph.D. (B.Sc., 1960)	1966	West, Patricia Joan, B.A.	1961
Weir, Isobel, B.A.	1914	West, Reginald Arthur, M.A. (B.A., 1902)	1905
Weir, Maxwell Brett, B.E.	1962	West, Richard Frederick, B.E.	1962
Weir, Ronald Colin, B.Sc.	1959	West, Robert Frank, M.D. (M.B., B.S., 1935)	1949
Weiss, Alan Austin, Ph.D. (B.Sc., 1950)	1955	West, Rosemary Ruth, M.B., B.S.	1954
Weiss, Donald Eric, D.Sc. (B.Sc., 1945)	1960	West, Stephen John, B.Sc.	1963
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	1941	West, Warren Kenneth, B.E.	1966
Weissman, Gerhard, B.Tech.	1958	Wester, Lyndon Leonard, B.A.	1967
Welbourn, Alan Egerton, B.E.	1937	Westerman, Franklinna Sisley, B.D.S.	1946
Welbourn, Barbara Egerton, B.Sc.	1941	Westerman, Roderick Alan, M.B., B.S.	1954
Welbourn, Eleanor Egerton, B.A.	1948	Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929
Welbourn, Roger Michael Egerton, M.Sc. (B.Sc., 1964)	1966	Westley, John French Hebbart, B.E.	1957
Welch, Arthur Walter Sydney James, M.B., B.S.	1923	Westley, Shirley Judith, B.Ec.	1963
Welch, Frank Edison, M.B., B.S.	1936	Weston, Frank Keith, B.A. M.B., B.S.	1950
Welch, Frank William, M.B., B.S.	1967	Westphalen, John Arthur, B.Sc.	1950
Welch, Graham Walter, M.B., B.S.	1965	Westphalen, Kenneth John, M.B., B.S.	1953
Welch, Horace Henry Eric, B.E.	1938	Westwood, William Dickson, Ph.D. (Aberdeen, 1962)	1966
Welch, Howard Walter, M.B., B.S.	1954	Weymouth, John Arthur, B.E.	1967
Welch, Ian Donald, M.B., B.S.	1960	Whalan, Lionel Walter, B.A.	1948
Welch, Neil Rodney, B.A.	1966	Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	1945
Welch, Richard Gilmore, M.B., B.S.	1966	Wheat, Michael Geoffrey, B.Sc.	1964
Welch, Robert Frank Edison, B.D.S.	1966	Wheatley, Frederick William, B.A. D.Sc.	1904
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901)	1901	Wheatley, Roderick Alwyn, M.B., B.S.	1913
Welford, John Peter, B.E.	1965	Wheaton, Geoffrey Brendan, B.E.	1964
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950)	1954	Wheaton, Malcolm Alfred, M.B., B.S.	1956
M.D. (M.B., B.S., 1958)	1962	Wheaton, Neville Alistair, B.E.	1954
Weller, Keith Russell, Ph.D. (B.E., 1960)	1965	Wheaton, Neville Kingsley, B.Sc.	1956
Weller, Raymond Alfred, B.Sc.	1948	Wheaton, Robert Timothy, B.Ag.Sc.	1957
Weller, Theo Rudolf, B.Sc.	1967	Wheaton, Russell Norman, B.Sc. B.Ec.	1964
Wellington, Hugh Kennedy, B.E.	1948	Wheaton, Russell Norman, B.Sc.	1952
Wellington, Robert Paul, B.Sc.	1967	Wheeler, Harry Winslow, B.Sc.	1966
Wellington, Ronald Guy, B.Ec. (B.Com., Melbourne, 1950)	1966	Wheeler, Pauline Anne, M.B., B.S.	1930
Wells, Barbara Gordon, M.B., B.S.	1951	Wheeler, Reginald John, M.B., B.S.	1952
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	1959	Whelan, John Thomas, B.Ec.	1967
Wells, Clarence Gordon, M.B., B.S.	1921	Whelan, Peter John, B.Ec.	1958
Wells, Elizabeth Anne, B.A.	1949	Whelan, Robert Ford, M.D. (Belfast, 1951)	1927
Wells, Elizabeth Wynne, B.A.	1934	Whibley, Cyril George, B.E.	1946
Wells, Gregory Samuel, B.Sc.	1959	Whillas, Geoffrey French, B.Sc.	1952
Wells, John David, B.Sc.	1966	Whillas, Jean Kathleen, M.A. (B.A., 1947)	1931
Wells, Judith Helen, B.A.	1964	Whitburn, Jack, B.A.	1952
Wells, Julian Richard Este, Ph.D. (B.Ag.Sc., 1959)	1964	White, Allan James Risley, B.Sc.	1951
Wells, Kathleen Margaret, B.Sc.	1962	White, Anthony Hopper, B.Sc.	1947
Wells, Margaret Elisabeth, B.A.	1963	White, Brian Ross, B.Sc.	1956
Wells, Margaret Suzanne, B.A.	1953	White, Elizabeth Alice, B.A. Mus.Bac.	1959
Wells, Peter, M.B., B.S.	1960	White, Francis Peter, LL.B.	1963
Wells, Peter John, B.E.	1963	White, Francis Richard, B.D.S.	1950
Wells, William Andrew Noye, LL.B.	1945	White, Geoffrey Fowler, B.Ec.	1960
Welsh, James Oglesby, B.A.	1948	White, Hedley John, B.E.	1950
Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921)	1924	White, Helena Victoria, B.A.	1934
		White, Henry Douglas, B.A.	1943
		White, James Gilmore Hall, Ph.D.	1966

* Deceased

White, James Michael, LL.B.	1951	Wicks, Graham Ralph, M.B., B.S.	1954
White, B.A.	1956	Wicks, Norman Stephen Price, M.B., B.S.	1947
White, Joan Hazel, M.B., B.S.	1935	Wicks, Rodney Henry, M.B., B.S.	1962
White, John Baron, M.E. (B.E., 1949)	1967	Widmer, Sidley, B.A.	1966
White, Joseph Charles, B.Ec.	1955	Wiencke, George Edwin, B.Tech.	1959
White, Joyce Winifred, B.A.	1945	Wien-Smith, Geoffrey, M.B., B.S.	1915
White, Kenneth Elsdon, B.E.	1948	Wiese, Margaret Helen, B.A.	1958
White, Leeson Desmond, B.E.	1957	Wiese, Ralph Clayton, B.Sc.	1963
White, Marion Joyce, B.A.	1967	Wieser, Othmar Heinrich Jakob, B.A.	1962
White, Maureen Therese, B.Sc.	1956	Wiesner, Clarence Jack, B.Sc.	1935
White, Mervil John, M.B., B.S.	1967	Wigan, John Leonard Cleveland, B.E.	1959
White, Michael Leonard, B.E.	1956	Wigan, Leonard James Cleveland, B.E.	1921
White, Miles Dominic, B.Sc.	1967	Wigg, Carolyn Ann, B.Arch.	1963
White (nee Healy), Nora Kate, B.A.	1939	Wigg, David Ross, M.B., B.S.	1960
White, Peter Yelland, B.Sc.	1967	Wigg, Hugh Higham, B.E.	1960
White, Phyllis, B.Sc. (Sydney, 1920)	1922	Wigg, B.Sc.	1965
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Wigg, Neil Thornburn Melrose, M.B., B.S.	1925
White, Ray Baron, B.E.	1942	Wigg, Philip Melrose, B.Ag.Sc.	1960
White, Richard William Grenville, B.E.	1963	Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945
White, Roderick James, LL.B.	1958	Wigglesworth, Sidney Thomas, B.E.	1959
White, Rodney Gordon, M.B., B.S.	1949	Wight, Albert James, B.E.	1936
White, Ruth Baron, B.Sc.	1942	Wight, Albert Raymond, B.E.	1914
White, Stanley Noel, B.A.	1953	Wight, Hillier Clement, B.E.	1933
White, Thomas Charles Raymond, Ph.D.	1967	Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929)	1962
White, Wilfred Allan, B.Ec.	1942	Wight, M.E. (B.E., 1930)	1937
White, Wilfred Carlstan Jurs, B.Sc.	1948	Wight, Robert Lewis, M.B., B.S.	1963
White, William Richard Bolitho, B.E.	1932	Wighton, Dugald Craven, M.B., B.S.	1953
Whitehead, Donald Henry, B.A. (Oxford, 1954)	1959	Wighton, Helen Craven, B.A.	1938
Whitehead, Lindsay Paul, B.Sc.	1967	Wighton (nee Blackburn), Rosemary Neville, B.A.	1945
Whitehead, Millicent Alma, B.A.	1949	Wigley (nee Mitchell), Gail Rosalind, B.Sc.	1966
Whitehouse, Joseph Chenoweth, M.B., B.S.	1953	Wigley, Tom Michael Lampe, B.Sc.	1960
Whitelaw, Albert James, B.Sc.	1929	Wignall, Douglas Ronald, B.A.	1948
Whitelaw, B.A.	1937	Wignall, Jeffrey John, B.Sc.	1967
Whiteread, Barry, B.Sc.	1964	Wilcher, Lewis Charles, B.A.	1929
Whiteway, Graham Eric, B.Sc.	1967	Wildy, John Edward, B.Sc.	1965
Whitford, Anthony Kenneth, B.Sc.	1967	Wildy, Ralph Alderman, B.E.	1938
Whitford, Desmond Joseph, B.E.	1953	Wildy, Robert Lister, B.Sc.	1963
Whitford, Patricia Mary, B.A.	1940	Wiley, John Arthur, B.A.	1967
Whitford, Raymond Frank, M.B., B.S.	1953	Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951
Whitford, Richard Dean, B.Tech.	1965	Wilhelm, Leslie Robert, B.A.	1963
Whiting, Clyde Taylor, B.A.	1931	Wilhelm, Walter Gerhard, B.E.	1953
Whiting, John Harold, M.B., B.S.	1961	Wilkes, Alfred John, B.Sc.	1962
Whiting, Peter Arthur, B.Sc.	1953	Wilkins, Alexander McGregor, B.Tech.	1964
Whittington, Anne, B.A.	1950	Wilkins, Anthony Charles, B.Sc.	1967
Whittington, Anthony Frank, B.A.	1967	Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Whittington, Joan, B.A.	1933	Wilkins, Noel Aldridge, B.Ec.	1958
Whittington, Louis Arnold, LL.B.	1911	Wilkins, Ray Eber, B.A.	1948
Whittington, Richard Smallpiece, LL.B.	1935	Wilkinson, Charles Harold, B.Tech.	1964
Whitman, Gerald Caleb, B.Sc.	1952	Wilkinson, Donald Cameron, B.A.	1952
Whitrod, Ian Russell, B.Tech.	1967	Wilkinson, Eoin Howitt, M.A. (Chicago, 1960)	1962
Whitrow, John Leslie, B.Sc.	1965	Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1958
Whitrow, B.E.	1967	Wilkinson, Harold Callan, B.E.	1931
Whittaker, Ian Arnold McDonald, Ph.D. (M.Ag.Sc., 1964)	1966	Wilkinson, Helen Rosemary, B.A.	1964
Whitten, Graham Frederic, M.Sc.	1967	Wilkinson, Herbert John, B.A.	1914
Whittenbury, Barry Maxwell, M.B., B.S.	1963	Wilkinson, M.D. (Sydney, 1930)	1934
Whittle, Alick William Green, M.Sc. (B.Sc., 1945)	1948	Wilkinson, Malcolm Keith, B.E.	1967
Whittle, Barry Valentine, B.Tech.	1965	Wilkinson, Maxwell, B.Tech.	1962
Whittle, Christopher Playford, Ph.D. (B.Sc., 1958)	1962	Wilkinson, Philip Lodwick, M.B., B.S.	1965
Whittle, Donald George, B.E.	1936	Wilkinson, Philomena Mary, B.A.	1949
Whittle, Edith Julia, B.A.	1950	Wilkinson, Robert Stuart, M.B., B.S.	1939
Whittle, Harry Reed, B.E.	1952	Wilkinson, Stewart Rex, B.A.	1950
Whittle, James Latimer, B.E.	1952	Wilkinson, Thomas Lancelot, B.Sc.	1925
Whittle, Richard Latimer, LL.B.	1954	Wilksch, Betty Ruth, B.A.	1949
Whitworth, Neville Richard, B.App.Sc.	1967	Wilksch, John Charles, B.E.	1962
Whyatt, David George, B.Tech.	1966	Wilksch, Lois Ruth, B.A.	1960
Whyte, Jean Primrose, B.A.	1952	Wilksch, Michael Vincent, B.Sc.	1963
Whyte, Phyllis Primrose, B.A.	1952	Willats, Kerrie Ann, B.A.	1967
Wiadrowski, Ian Barrie, B.E.	1957	Willcocks, Robert Douglas, B.Sc.	1951
Wiadrowski, Maxwell Alfred Anton, B.A.	1937	Willenborg, Jacobus Ruthgerus, B.App.Sc.	1966
Wibberley, Brian, B.E.	1951	Williams, Alfred Francis James, LL.B.	1964
Wibberley, Brian William, B.Sc. M.B., B.S.	1914	Williams, Anne Elizabeth, M.B., B.S.	1966
Wibberley, David John, M.B., B.S.	1956	Williams, Arthur Charles, B.Sc.	1950
Wibberley, Hermia Mary, B.A.	1941	Williams, Arthur Evan, M.B., B.S.	1914
Wibberley, Judith, B.A.	1952	Williams, Baden George, Ph.D. (B.Ag.Sc., 1958)	1966
Wicker, Maxine Kay, LL.B.	1965	Williams, Bruce Rodda, M.A.	1944
Wickes, Lewis Charles, Mus.Bac.	1964	Williams, Caroline Margaret, B.A.	1915
Wickes, Neil Bruce, B.Tech.	1962	Williams, Christobel Mary, B.Sc.	1945
Wickes, Robyn Anne, B.A.	1966	Williams, Colin Hale, D.Sc. (B.Sc., 1941; M.Sc., 1948)	1965
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946	Williams, Darrell Andrew, B.Sc.	1964
Wickins, Eugene Paul, B.Sc.	1967	Williams, David Reginald Glyndwr, Ph.D. (B.App.Sc., 1961) (B.Tech., 1959, surrendered)	1965
Wicks, David Frank, LL.B.	1960		
Wicks, Frederick Ralph, M.B., B.S.	1923		

* Deceased

Williams, Dawn Ellen, B.A.	1963	Wilmshurst, Ronald Escott, B.Tech.	1961
Williams, Donald Carter, B.A.	1933	Wilsdon, Geoffrey Frank, B.Tech.	1959
Williams, L.L.B.	1935	Wilson, Jennifer May, B.A.	1966
Williams, Donald Newbery, B.D.S.	1954	Wilson, Peter John, B.Sc.	1965
Williams, Dorothy Theresa, B.A.	1935	Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947
Williams, Edith Dawn, B.A.	1961	Wilson, Andrew Bray Cameron, LL.B.	1959
Williams, Eirene Mary, B.A.	1907	Wilson, Avis Jean, B.Sc.	1956
Williams, Eric, B.A.	1967	Wilson, Brenda Ruth, B.A.	1950
Williams, Eric Hill, B.Ec.	1963	Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899)	1900
Williams, Foster Neil, B.Ec.	1962	Wilson, Charles Graham, M.B., B.S.	1947
Williams, Garth David, B.Sc.	1948	Wilson, Christopher John, B.E.	1961
Williams, George Esson Keith, M.A. (B.A., 1937)	1947	Wilson, Colin Leslie, B.Sc. (Eng.)	1944
Williams, George Mervyn, B.Sc.	1953	Wilson, Dennis de Courcy, M.B., B.S.	1949
Williams, Graham Norman, B.Mus.	1967	Wilson, Derek Finlay, LL.B.	1936
Williams, Harold Richard Michael, LL.B.	1953	Wilson, Doris May, B.A.	1938
Williams, Haydn Moore, B.A. (Wales, 1948)	1967	Wilson, Edward Peter, M.B., B.S.	1951
Williams, Horton Clement, LL.B.	1956	Wilson, Elizabeth Mary, B.A.	1966
Williams, Ian Geoffrey, B.A.	1966	Wilson, Geoffrey Palmer, B.Ec.	1958
Williams, Ian James, B.E.	1961	Wilson, Gordon Samuel, B.Sc. (Eng.)	1944
Williams, Ian Russell, B.App.Sc. (B.Tech., 1963, surrendered)	1965	Wilson, Helen Margaret, B.Sc.	1957
Williams, Jennifer Elizabeth, B.A.	1965	Wilson, Ian Bonython Cameron, LL.B.	1955
Williams, Joan Beatrice, B.A.	1948	Wilson, Ian Stewart, Ph.D. (B.Sc., 1957)	1963
Williams, John Anthony Rex, M.B., B.S.	1966	Wilson, Jack Woodrow, B.Sc.	1936
Williams, John Geoffrey, B.Tech.	1965	Wilson, James Beith, B.A.	1896
Williams, Kenneth Douglas, B.Ec.	1955	Wilson, Jennifer Marjorie, B.A.	1966
Williams, Lesley Lavern, B.A.	1967	Wilson, John Grenell, M.B., B.S.	1949
Williams, Kevin Graham, B.Sc.	1958	Wilson, John Stewart, M.B., B.S.	1952
Williams, Lindsay Hale, LL.B.	1945	Wilson, Keith Cameron, LL.B.	1922
Williams, Lyall Richard, Ph.D. (B.Sc., 1961)	1965	Wilson, Keith John, M.B., B.S.	1952
Williams, Mabel Evangelina, M.A. (B.A., 1906)	1916	Wilson, Laurence Algernon, M.B., B.S.	1918
Williams, Mark, B.Sc.	1967	Wilson, Laurence Leigh, M.B., B.S.	1956
Williams, Martin John, M.B., B.S.	1958	Wilson, Luther Ernest Crosby, B.Sc.	1926
Williams, Maxwell Richard, B.E.	1965	Wilson, M.A.	1932
Williams, Michael, Ph.D. (Wales, 1960)	1961	Wilson, Maureen Norma, B.Sc.	1962
Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960	Wilson, Mollie Jean, LL.B.	1935
Williams, Owen Clarke, B.Ec.	1963	Wilson, Murray James, B.Sc.	1964
Williams, Philip Glenly, B.A.	1941	Wilson, Nicholas Michael, B.A.	1955
Williams, Philip Mark, B.E.	1951	Wilson, Patricia Margaret, Ph.D. (B.Sc., 1960)	1967
Williams, Ralph, B.Sc.	1914	Wilson, Penelope Ann, B.Sc.	1966
Williams, Raymond Clarence, B.Sc.	1959	Wilson, Peter Robert, M.B., B.S.	1965
Williams, Rhonda Joan, B.Sc.	1965	Wilson, Philippa Morag, B.A.	1958
Williams, Robert Francis, D.Sc. (M.Sc., 1934)	1957	Wilson, Richard Edward, B.E.	1967
Williams, Roger John, B.Sc.	1962	Wilson, Richard Frank, M.B., B.S.	1967
Williams (nee Hotten), Roma Olive, B.A.	1941	Wilson, Richard Peter, M.B., B.S.	1965
Williams, Rona Lynette, B.A.	1960	Wilson, Richard Thomas Clifford, B.Sc.	1964
Williams, Ronald John Chantler, B.A.	1964	Wilson, Robert Bruce, B.Sc.	1950
Williams, Rosemary, B.Sc.	1956	Wilson, Robert Kevin, M.B., B.S.	1937
Williams, Roy Ernest, M.Sc.	1953	Wilson, Roger Maxwell, LL.B.	1962
Williams, Spencer, M.A. (B.A., 1927)	1930	Wilson, Trevor Gordon, D.Phil. (Oxford, 1959)	1960
Williams, Trevor Barrie, B.D.S.	1967	Wilson, Valerie Joy, B.A.	1952
Williams, Vivienne June, B.Sc.	1955	Wilson, William Fraser, B.Sc.	1943
Williams, Walter Leslie, B.A.	1940	Wilton, David John, B.Tech.	1963
Williams, William Ian, B.Sc.	1967	Wilton, Donald Edward, B.Tech.	1959
Williams, Winifred Teresa, M.B., B.S.	1963	Wilton, Dorothy Clyde, B.Sc.	1940
Williams, Zena Vera, B.A.	1940	Wilton, John Barrett, B.Sc.	1950
Williamson, Alan Arthur Martin, M.B., B.S.	1963	Wincey, Cynthia Weaver, B.Sc.	1949
Williamson, Arthur Edward, B.E.	1959	Wincen, Kenneth Varley, B.E.	1952
Williamson, Benjamin Raymond, B.Tech.	1959	Winckel, Ronald Robert, B.App.Sc.	1965
Williamson, Catherine Patricia, B.A.	1963	Windle, Doris Sophia, B.A.	1941
Williamson, David Aubrey, M.B., B.S.	1951	Winefield, Anthony Harold, Ph.D. (London, 1962)	1963
Williamson, Geoffrey Lea, B.Sc.	1956	Winkler, Arthur Edmund, B.Sc. (Eng.)	1943
Williamson, Hugh Angus, LL.B.	1955	Winnall, Christopher Charles, LL.B.	1967
Willing, Charles Eric, M.B., B.S.	1928	Winnall, Nancy Eleanor, B.Sc.	1919
Willing, Richard Lyall, M.B., B.S.	1954	Winstanley, John Harold, B.Mus.	1967
Willington, Clayton Louis, M.B., B.S.	1955	Winter, Beatrice Erwine, B.A.	1955
Willington, John Mattinson, B.E.	1951	Winter, Karl Berthold, M.B., B.S.	1942
Willington, Lloyd Stanley, B.A.	1950	Winter, Maxwell Hugh, B.A.	1966
Willis, James Charles, B.A.	1966	Winter, Robert John, B.Sc.	1964
Willis, John, B.A. (Melbourne)	1952	Winter, William Graham, B.Sc.	1938
Willis, Richard John, M.B., B.S.	1967	Winton, Berna Kathleen, B.A.	1953
Willmott, Josiah Percival, B.Sc.	1907	Winton, Rodney James, B.Tech.	1963
Willoughby, Donald Ross, B.Sc.	1960	Winwood, William Weston, B.E.	1926
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947	Winzor, Donald John, Ph.D. (B.Sc., 1956)	1961
Willoughby, Jane Sumner, M.B., B.S.	1966	Winzor, Isobel Frances, B.A.	1965
Willoughby, Roger George (Warden of the Senate), M.D.S. (B.D.S., 1938)	1953	Wise, Carole Margaret, B.A.	1966
Wills, Caroline Marie Agnew, B.A.	1951	Wise, Peter Hermann, M.B., B.S.	1959
Wills, Lindsay Arthur, B.A.	1953	Wiseman, Carole Whenan, M.B., B.S.	1967
Willsmore, Elsie Victoria, Mus.Bac.	1918	Wiseman, Michael, B.Sc.	1967
Willsmore, Hurtle Binks, B.Sc.	1916	Wiseman, Roger, B.Sc.	1965
Wilmshurst, Errol Glen, M.B., B.S.	1963	Wishart, Dean, B.Tech.	1961
Wilmshurst, John Maurice, B.Sc.	1965	Wiskich, Joseph Tony, Ph.D. (Sydney, 1962)	1965
Wilmshurst, Maurice George, B.A.	1934	Wissell, Stewart Gordon, B.A.	1949
		Withall, Marilyn Dumas, B.A.	1966
		Withers, Brian Edmund, LL.B.	1967
		Witsenhuisen, Alfred Louis, B.A.	1964

* Deceased

Witt, Erik Hans, B.E.	- - - -	1929
Wittneoom, Robert Home, M.B., B.S.	- - - -	1954
Wittwer, Edward Allan, B.Sc.	- - - -	1965
Wittwer, Elizabeth Lorraine, B.A.	- - - -	1965
Wittwer, Ivan Donald, B.A.	- - - -	1951
Wohling, Theodore Charles, B.Tech.	- - - -	1960
Woitd, David Fredrick, B.Sc.	- - - -	1967
Woithe, William Henry, B.E.	- - - -	1936
Wolanski, Bohdan Stanislaus, B.Sc.	- - - -	1962
Wolcik (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	- - - -	1959
Wollaston, Elise Margaretta, Ph.D. (B.Sc., 1955)	- - - -	1967
Wollaston, Jocelyn Mary, B.Sc.	- - - -	1950
Wollaston, Terence Cornthwaite, B.E.	- - - -	1956
Womersley, Hugh Bryan Spencer, D.Sc. (M.Sc., 1947; Ph.D., 1952)	- - - -	1960
Womersley, John Spencer, B.Sc.	- - - -	1945
Wong, Heung-Kwong, B.Ec.	- - - -	1966
Wong, Peter Chee Nam, M.B., B.S.	- - - -	1952
Wong, Kam Peng, B.Sc.	- - - -	1962
Wong, Kum Yew, B.E.	- - - -	1962
Wong, Swee Ning, Gloria, B.Sc.	- - - -	1966
Wong, Yec Ngan, B.A.	- - - -	1967
Wong, Yew Koey, B.E.	- - - -	1967
Wong, Yit-Sing, Francis, B.Arch.	- - - -	1967
Wood, Alistair Edward Rose, B.E.	- - - -	1954
Wood, Allen Edwin, B.A.	- - - -	1944
Wood, Colin James, B.A.	- - - -	1950
Wood, Florence Catherine, B.A.	- - - -	1938
Wood, Henry Lambert, M.Sc.	- - - -	1941
Wood, Howard Arthur, B.Tech.	- - - -	1965
Wood, Judith Ann, B.A.	- - - -	1950
Wood, Keith William, B.Sc.	- - - -	1966
Wood, Murray Bowering, M.B., B.S.	- - - -	1939
Wood, Philip Barclay, Mus.Bac.	- - - -	1938
Wood, Richard Thomas McRae, B.Ag.Sc.	- - - -	1966
Wood, Rosemary Anne, B.A.	- - - -	1955
Wood, Trevor Ronald, B.Sc.	- - - -	1966
Wood, William Kenneth, B.Ec.	- - - -	1964
Wood, William Morris, B.Tech.	- - - -	1967
Woodard, Charles Ernest, B.A.	- - - -	1933
Woodard, Charles Garrard, LL.B.	- - - -	1952
Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952)	- - - -	1954
Woodburn, John Arnold, B.E.	- - - -	1964
Woodgate, Elizabeth Ann, B.A.	- - - -	1960
Woodger, Gwenneth Godwin, LL.B.	- - - -	1941
Woodham, Barbara Elizabeth, B.A.	- - - -	1941
Woodhouse, Lawrence Ralph, B.Sc.	- - - -	1950
Woodhouse, Roy, LL.B.	- - - -	1950
Woodlands, Peter Ian, B.Tech.	- - - -	1965
Woodman, Stanley Kenneth, B.E.	- - - -	1934
Woodroffe, Alice, B.Sc.	- - - -	1962
Woodroffe, Alison Elizabeth, B.A.	- - - -	1962
Woodroffe, Keith, B.Ag.Sc.	- - - -	1937
Woodroffe, Philip, B.A.	- - - -	1960
Woodroffe, Gwendolyn Marion, M.Sc. (B.Sc., 1940)	- - - -	1944
Woodroffe, Kathleen, Ph.D. (M.A., 1948; B.A., 1940)	- - - -	1962
Woodrow, Brian Douglas, B.Tech.	- - - -	1960
Woodruff, Peter William Harold, M.B., B.S.	- - - -	1966
Woodruff, Philip Scott, M.D. (Melbourne, 1939)	- - - -	1957
Woods, Arthur Frederick, M.B., B.S.	- - - -	1957
Woods, Charles William Griffin, M.B., B.S.	- - - -	1939
Woods, Julian Gordon Tenison, LL.B.	- - - -	1918
Woods, Nelly Hooper, M.A. (B.A., 1928)	- - - -	1930
Woods, Peter John, B.Tech.	- - - -	1965
Woods, Richard Vynne, B.Sc.	- - - -	1947
Woods, Warren Bruce, B.A.	- - - -	1958
Woodward, Barbara, B.A.	- - - -	1944
Woodward, Colin Holmes, B.E.	- - - -	1952
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
Wooldrige, 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
Woollacott, 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, Wendy Deirdre, B.A.	- - - -	1967
Worsnop, Elsie Madeline, M.A. (B.A., 1907)	- - - -	1913
Worthington, Charles Roy, Ph.D. (B.Sc., 1951)	- - - -	1956
Worthington, Mary Elizabeth, B.A.	- - - -	1966
Worthley, Boyce Wilson, M.Sc. (B.Sc., 1939)	- - - -	1944
Worthley, Sandra, B.Sc.	- - - -	1941
Worthley, Seymour Richard, M.Sc. (B.Sc., 1940)	- - - -	1964
Wreford, Robert Simon, B.E.	- - - -	1945
Wright, Alan Darcy, B.Sc.	- - - -	1964
Wright, Angus Stanley, B.Sc.	- - - -	1965
Wright, Anne, B.A.	- - - -	1933
Wright, Anthony John, B.Sc.	- - - -	1967
Wright, Barrie James McGregor, B.A.	- - - -	1961
Wright, Christine Mary, B.A.	- - - -	1966
Wright, David William Robert, B.D.S.	- - - -	1962
Wright, Donald Ian, B.A.	- - - -	1967
Wright, Edna May, B.A.	- - - -	1956
Wright, Frederick Kenneth, B.E. (B.Met.E., Melbourne, 1946)	- - - -	1938
Wright, George Andrew, B.A.	- - - -	1963
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.	- - - -	1962
Wright, Lewis Garner, LL.B.	- - - -	1935
Wright, Lyle Mason, B.Sc.	- - - -	1961
Wright, Norman Harvey, B.A.	- - - -	1956
Wright, Richard George, B.Sc.	- - - -	1927
Wright, Robert John, B.Sc. (Eng.)	- - - -	1966
Wright, Russell Francis, B.E.	- - - -	1949
Wu, Ching Rhu, Christine, B.Sc.	- - - -	1953
Wullenweber, Bruno, M.B., B.S.	- - - -	1963
Wurfel, Lois Jessie, M.B., B.S.	- - - -	1964
Wurm, Bertram Eric, M.B., B.S.	- - - -	1955
Wurm, John Sinclair, M.B., B.S.	- - - -	1920
Wurm, Roger Sinclair, M.B., B.S.	- - - -	1960
Wyatt, David Francis, B.A.	- - - -	1947
Wyatt, Desmond Robert, B.Sc.	- - - -	1964
Wyatt, Glenn Frank, B.Tech.	- - - -	1967
Wyatt, Roger Arnold, B.E.	- - - -	1965
Wylie, Ernest Stanley, B.Ec.	- - - -	1961
Wylie, Donald Kingston, B.Tech.	- - - -	1961
Wylie, John Richard, B.Sc.	- - - -	1961
Wyllie, Geoffrey Gurner, M.B., B.S.	- - - -	1951
Wyllie, Robert Gurner, M.B., B.S.	- - - -	1946
Wymond, Alonzo Pearse, M.Sc. (B.Sc., 1949)	- - - -	1955
Wyndham, Christopher Robert Charles, M.B., B.S.	- - - -	1951
Wyndham, Robert Alexander, B.Sc. (Sydney, 1934)	- - - -	1967
Wynes, William Anstey, LL.D. (LL.B., 1929)	- - - -	1938
Wyness, David John, LL.B.	- - - -	1933
		1962
Y		
Yakhya, Mahmud Ukab, B.Ag.Sc.	- - - -	1952
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'Bee, 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

* Deceased

Yelland, Geoffrey Playford, B.E.	1955	Yu Sheng Fong, M.B., B.S.	1958
Yelland, Joan Mary, B.A.	1933	Yu, Sheng-Wei, B.E.	1957
Yelland, Kathleen Norah, B.A.	1951	Yuen, Kwok Mun, B.Ec.	1967
Yeo, Sebastian, B.E.	1961	Yuen, Wai Mun, M.B., B.S.	1957
Yeoh, Guan Hock, B.E.	1965	Yuill, George Ashwin, LL.B.	1913
Yeomans, Frank Edward, B.Sc.	1961	Yung, Richard Hin, M.B., B.S.	1960
Yeow, Kok Wah, B.E.	1965	Yung, Ying Chi, M.E.	1960
Yin, James Chu Kee, M.B., B.S.	1954		
Yip, Shing-Gaye 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.	1963		
Yong, Swee Kee, B.Sc.	1964		
Yoong, He Len Patricia, M.B., B.S.	1960		
Yoong, Hoi San, Alison, B.Sc.	1963		
Yoong, Meow Foo, M.B., B.S.	1957		
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, Janet Isabelle, B.Med.Sc.	1966		
Young, Joan Margaret, B.A.	1964		
Young, Josephine Helen, B.Sc.	1958		
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		
		Z	
		Zabukovec, Victoria, B.A.	1966
		Zacest, Rudolf, M.B., B.S.	1963
		Zacest, Sylvia Mary, M.B., B.S.	1967
		Zacharia, John, M.B., B.S.	1965
		Zacharia, William Vassilie, M.B., B.S.	1956
		Zarins, Valdis, B.Arch.	1965
		*Zawistowska, Irena Teresa, M.B., B.S.	1963
		Zdystiewicz, Jan Romuald, B.Sc.	1964
		Zegebros, Inara Maria, B.Sc.	1964
		Zegebros, Raymond Erik, B.Tech.	1959
		Zeicman, Andris, B.Ec.	1967
		Zelling, Howard Edgar, LL.B.	1938
		Zeltins, Andris Ivars, B.E.	1959
		Zeppel, Frank Robert, B.A.	1950
		Ziegler, Desmond Murray, B.Tech.	1961
		Ziesing, George Murray, M.Sc. (B.Sc., 1950)	1952
		Ziesing, Hugh David, B.E.	1959
		Zimmermann, Heiga, B.A.	1966
		Zimmermann, Oleg, M.B., B.S.	1967
		Zimmermann, Werner, B.E.	1965
		Zimmet, Jacob, M.B., B.S.	1942
		Zimmet, Leon Vivian, M.B., B.S.	1967
		Zimmet, Paul Zev, M.B., B.S.	1965
		Zimnbauer, Alfred Freund, M.B.E., B.A.	1958
		Zockel, Manfred, M.E. (B.E., 1962)	1967
		Zoppa, Orietta Elisabeth, M.B., B.S.	1964
		Zoratti, Alba Pierina, B.A.	1945
		Zwar, John Arnold, M.Ag.Sc.	1952
		Zweck, Coral Joan, B.A.	1960
		Zweck, John Everard, B.A.	1958
		Zweck, Wayne Theodore, B.A.	1965
		Zwigulis, Maris, B.Sc.	1968
		Zulkifli, bin Mohammed Daud, B.Tech.	1965
		Zurauskas, Tadas Algirdas, B.Tech.	1959
		Zwillenberg, Hans Joachim, B.A.	1962

* Deceased

Abramson, Brian (Chicago, 1957) - - -	1966	Darskus, Rolf Ludwig - - - - -	1964
Aitchison, Gordon James - - - - -	1957	Deacon, Glen Berenger - - - - -	1962
Allden, William George - - - - -	1959	de Beer, Jacobus Frederick - - - - -	1966
Amos, Kenneth Albert - - - - -	1965	de la Lande, Ivan Stanley (Melbourne, 1958)	1959
Anderson, John Julian - - - - -	1966	Della, Ernest William (Western Australia,	
Anderson, John Robert (Cambridge, 1954) -	1966	1963) - - - - -	1966
Ansley, Ralph William (Alberta, 1963) - -	1965	Denholm, William Thomas - - - - -	1960
Antcliffe, Gault Anderson - - - - -	1966	Dennis, Barbara Joan - - - - -	1966
Armstrong, John McDougall - - - - -	1963	Deshpande, Tryambak Laxmanrao - - - - -	1965
Arthur, Neville Langsford - - - - -	1967	Diamantis, Alexander Adamantiou (London,	
Atkinson, Maurice Raymond (Tasmania,		1958) - - - - -	1960
1954) - - - - -	1960	Dickson, Ronald Stanley - - - - -	1963
Atwal, Avtar Singh - - - - -	1955	Dillon, John Louis (Iowa, 1959) - - - - -	1961
Auzins, Ieva - - - - -	1965	Dineen, John Kenneth - - - - -	1957
Aylmore, Lance Arthur Graham - - - - -	1961	Djajakusumah, Taty Rahmatiah - - - - -	1965
Bainbridge, Alexander - - - - -	1966	Dodd, Lindsay Richard - - - - -	1965
Baker, Bruce George (Melbourne, 1962) - -	1966	Dodman, Robert Louis - - - - -	1966
Barden, Ronald George - - - - -	1957	Donnelly, Jillian Kay - - - - -	1966
Barker, Shelley (Western Australia, 1960) -	1965	Draper, Ronald Philip (Nottingham, 1953)	1956
Barlow, Bryan Alwyn (Sydney, 1960) - - -	1966	Drewer, Robert James - - - - -	1966
Barnes, Eric Stephen (Cambridge, 1952) -	1959	Duncan, Walter George Keith (London,	
Barrow, Kevin David - - - - -	1967	1930) - - - - -	1951
Beckwith, Athelstan Laurence Johnson		Dunlop, Peter John (Wisconsin, 1955) - - -	1959
(D.Phil., Oxford, 1956) - - - - -	1959	Dunne, Michael Clarence - - - - -	1967
Bell, Thomas Norman (Durham, 1957) - - -	1959	Edgar, John Alexander - - - - -	1965
Bennett, Gregory William - - - - -	1966	Edmonds, Stanley Joe - - - - -	1958
Bennett, John Henry (Cambridge, 1952) - -	1957	Edwards, David George - - - - -	1965
Best, Michael Robert - - - - -	1966	Edwards, Paul Julian (Tasmania, 1964)	1965
Biswas, Samarendra Nath - - - - -	1958	Eichler, Hansjoerg (Dr.rer.nat. (Halle-Witten-	
Blake, Alastair Joseph - - - - -	1967	berg), 1950) - - - - -	1959
Boeree, Robert Machiel - - - - -	1964	Elford, Malcolm Thomas - - - - -	1958
Bowie, John Hamilton (Nottingham, 1964)	1967	Elford, William Graham - - - - -	1955
Brearley, Maurice Norman - - - - -	1958	Elix, John Alan - - - - -	1967
Brennan, Maxwell Howard (Sydney, 1958)	1964	Ellerton, Hugh David - - - - -	1967
Brett, Horace William Walter - - - - -	1957	Ellerton, (née Gersch), Nerida Fay - - - -	1967
Briggs, Basil Hugh (Cambridge, 1952) - -	1963	Elliott, David - - - - -	1961
Brissenden, Alan Theo (London, 1962) - -	1963	Ericson, Leon Gordon - - - - -	1959
Brown, Laurence Binet (London, 1954) - -	1958	Esdale, James Durie - - - - -	1965
Brown, Raymond George (Birmingham,		Evans, Geoffrey William - - - - -	1965
1956) - - - - -	1959	Evans, Samuel Islwyn (Sheffield, 1950) - -	1961
Brown, Raymond George - - - - -	1966	Everitt, Graham Charles - - - - -	1966
Brown, Roger Norman - - - - -	1959	Falconer, Ian Robert (Aberdeen, 1960) - -	1961
Brownell, Peter Ferguson - - - - -	1959	Fee, Warren William - - - - -	1962
Browning, Thomas Oakley - - - - -	1951	Ferguson, James - - - - -	1966
Bull, Maxwell Kenneth (Southampton, 1963)	1965	Fidge, Noel Hadden - - - - -	1965
Burley, Simon Peter - - - - -	1965	Field, Graham John - - - - -	1964
Butcher, Ian Robert - - - - -	1965	Fielder, Donald Raymond - - - - -	1964
Buttery, Ronald Gordon - - - - -	1956	Findlay, Geoffrey Putnam (Tasmania, 1963)	1966
Byrne, Osman Roy - - - - -	1963	Finlay, Keith Warren (Western Australia,	
Caiger, Philip - - - - -	1965	1953) - - - - -	1961
Calder, Ian Campbell - - - - -	1966	Fisher, John Malcolm - - - - -	1966
Carpenter, James Alfred (Western Australia,		Fletcher, John - - - - -	1966
1962) - - - - -	1963	Forbes, Bryan George - - - - -	1956
Cartier, Maurice Vernon - - - - -	1964	Forsyth, Elliott Christopher (Docteur	
Carver, John Henry (Cambridge, 1953) - -	1965	de l'Université, Paris, 1954) - - - - -	1955
Cathro, Keith James - - - - -	1957	Gagolski, Julian - - - - -	1955
Cattrall, Robert Walter - - - - -	1965	Cale, Gwendoline Fay - - - - -	1962
Cavennett, Brian Clifford - - - - -	1965	Garrad, Kenneth (Cambridge, 1955) - - -	1966
Chambers, Stanley Crombie - - - - -	1967	Gibbs, David Norris (London, 1955) - - -	1958
Chandler, Graham Standford - - - - -	1966	Gilchrist, John Thomas (Leeds, 1957) - - -	1959
Charnock, John Stewart - - - - -	1962	Gillion, Kenneth Lowell Oliver (Australian	
Cheuychit, Pradit - - - - -	1964	National University, 1959) - - - - -	1963
Chick, Malcolm - - - - -	1965	Glow, Lotte - - - - -	1964
Christie, Basil James Frederick - - - - -	1958	Glow, Peter Helmut (London, 1958) - - - -	1960
Clague, Dennis John - - - - -	1967	Good, Brian Francis - - - - -	1966
Clark, Avon Maxwell (Cambridge, 1949) - -	1964	Graham, Janet Scott Douglas (St. Andrews,	
Clarke, Allan Lawrence - - - - -	1967	1956) - - - - -	1960
Clark-Lewis, John William (Nottingham,		Gray, Neil Boon - - - - -	1963
1951) - - - - -	1956	Green, George Edward (Cambridge, 1961)	1962
Coates, John Hewlett - - - - -	1958	Green, Lorna Mary Alexander - - - - -	1960
Coghlan, Brian Laurence Dillon (Birming-		Greenland, Dennis James (Oxford, 1955) - -	1960
ham, 1957) - - - - -	1958	Greenway, Hendrik - - - - -	1966
Collins, Frank Miles - - - - -	1962	Gregory, Alan Gower (Australian National	
Colmer, John Anthony (London, 1955) - -	1962	University, 1962) - - - - -	1967
Colvill, Anthony John Ernest - - - - -	1964	Gurr, Graham Edward - - - - -	1962
Cooper, Desmond Wishart - - - - -	1967	Guy, Robert William - - - - -	1966
Corbett, David Charles (McGill, 1954) - -	1966	Haefner, Paul Clifford (Leeds, 1957) - - -	1959
Corbett, John Vincent - - - - -	1966	Hall, Barbara Isabelle Herbert - - - - -	1956
Cox, Ronald Ian (Edinburgh, 1952) - - -	1963	Hamdorf, Clifton John - - - - -	1957
Creeth, James Michael (London, 1948) - -	1955	Hamon, David Peter George (Southampton,	
Crompton, Robert Woodhouse - - - - -	1954	1962) - - - - -	1966
Crowcroft, William Peter (D.Phil., Oxford,		Hancock, Keith Jackson (London, 1959) - -	1960
1954) - - - - -	1963	Hansen, Ian Alfred - - - - -	1956
Crowley, Desmond William (London, 1952)	1960	Haq, Muhammad Shamsul - - - - -	1967
Crowley, Francis Keble (Melbourne, 1951)	1965	Harris, Charles Reginald Schiller (D.Phil.,	
*Crowley, Neil Clarence - - - - -	1957	Oxford, 1924) - - - - -	1959
Culver, Roy Vernon - - - - -	1955	Harris, Roger Lawrence Newton - - - - -	1964
Daily, Brian - - - - -	1957	Hartwig, Mervyn Carl - - - - -	1967
Dalziel, Francis Robert (Aberdeen, 1960) -	1963		

* Deceased

Hartwig, Robert Eduard - - - - -	1967	Lim, Khaik Leang - - - - -	1965
Hawker, John Seth - - - - -	1967	Lincoln, Stephen Frederick - - - - -	1967
Hayman, David Lindsay - - - - -	1958	Loutit, John Stuart - - - - -	1955
Heath, Neil Stewart - - - - -	1955	Loveday, Peter (Sydney, 1963) - - - - -	1966
Hedger, Joy West - - - - -	1965	Lovibond, Sydney Harold - - - - -	1962
Hewgill, Frank Richmond - - - - -	1955	Low, Beng See - - - - -	1963
Hills, Brian Andrew - - - - -	1967	Lowke, John James - - - - -	1963
Hiscock, Ian David - - - - -	1952	Lynch, Justin Joseph - - - - -	1964
Holdsworth, Eric Spencer (Leeds, 1950) - - - - -	1959	McCarthy, Ian Ellery - - - - -	1956
Hope, Alexander Beaumont (Tasmania, 1953) - - - - -	1966	McCaskill, Murray (New Zealand, 1961) - - - - -	1966
*Hossfeld, Paul Samuel - - - - -	1953	McCoy, Donald George - - - - -	1967
Houssiadas, Lambros (Leeds, 1958) - - - - -	1961	McCredie, Andrew Dalgarno (Hamburg, 1964) - - - - -	1966
Howard, Colin - - - - -	1963	MacDonagh, Oliver Ormond Gerard Michael (Cambridge, 1952) - - - - -	1964
Huang, Su-Eng - - - - -	1962	McGowran, Brian - - - - -	1963
Hunt, Arnold Leighton - - - - -	1957	McKellar, John Ralph - - - - -	1964
Huppertz, John Lawrence - - - - -	1964	McKenzie, Allister Roy - - - - -	1967
Hurst, Charles Angas (Cambridge, 1952) - - - - -	1959	MacKenzie, Euan Chisholm (Birmingham, 1964) - - - - -	1967
Huxley, Sir Leonard George Holden (D.Phil., Oxford, 1928) - - - - -	1950	McLaughlin, Ian Leonard - - - - -	1966
Hyder, Saiyed Zulfiqar - - - - -	1967	Madge, Paul Edward - - - - -	1956
Iling, Robert Henry (Nottingham, 1962) - - - - -	1966	Maelzer, Derek Alan - - - - -	1958
Inglis, Kenneth Stanley (D.Phil., Oxford, 1956) - - - - -	1957	Mainstone, John Sydney - - - - -	1959
Inman, Ross Banks - - - - -	1960	Mander, Lewis Norman (Sydney, 1965) - - - - -	1967
Jackman, Lloyd Miles - - - - -	1952	Mannum, John (Birmingham, 1955) - - - - -	1960
Jackson, David Ian - - - - -	1966	Marinos, Nicos George - - - - -	1958
Jackson, Graham Douglas Fischer - - - - -	1964	Martin, Allan William (Australian National University, 1956) - - - - -	1965
Jackson, John Flexmore - - - - -	1963	Martin, Peter Gordon - - - - -	1957
Jamieson, Norman Clarke - - - - -	1967	Massey-Westrop, Ralph Alan (Manchester, 1958) - - - - -	1962
Jarrett, Frank George (Iowa, 1952) - - - - -	1955	Mathieson, Marjorie Jean (Cambridge, 1950) - - - - -	1954
Jeeves, Malcolm Alexander (Cambridge, 1957) - - - - -	1960	Matthew, Ian George - - - - -	1960
Jeffrey, Peter Dalrymple - - - - -	1965	Matthews, Brian Wesley - - - - -	1964
Jeffries, Philip Reid (Sheffield, 1952) - - - - -	1953	Mayne, Frederick (Witwatersrand, 1961) - - - - -	1962
Jellinek, Hans Helmut Gunter (Cambridge, 1945) - - - - -	1951	Mayo, George Melrose Elton - - - - -	1957
Johnson, Alan Rhodes (Leeds, 1953) - - - - -	1955	Meadows, Arthur Wilkes (London, 1951) - - - - -	1955
Johnson, Bruce (London, 1955) - - - - -	1956	Medlin, Edwin Harry - - - - -	1956
Johnson, Robert Vincent (Manchester, 1952) - - - - -	1959	Melville, James (London, 1934) - - - - -	1956
Johnston, Lindsay Collinge - - - - -	1967	Messel, Harry (National University, Ireland, 1946) - - - - -	1952
Jolad, Shivanand Dundappa - - - - -	1967	Messenger, Malcolm James - - - - -	1966
Jones, John Brett (Wisconsin, 1958) - - - - -	1960	Metchnik, Victor Ivor - - - - -	1963
Jones, Richard Alan (Cambridge, 1960) - - - - -	1962	Michael, James Henry - - - - -	1957
Jordine, Edmund St. Aubyn - - - - -	1966	Michael, Peter William - - - - -	1959
Jorgensen, Francis Richard Arthur - - - - -	1965	Miles, Peter Wallace (Cambridge, 1957) - - - - -	1959
Kaneff, Stephen Dimov - - - - -	1956	Miller, David Ross (Melbourne, 1958) - - - - -	1967
Kanwar, Jaswant Singh - - - - -	1954	Millerd, Alison Adele (Sydney, 1953) - - - - -	1959
Karim, Abdul - - - - -	1951	Milligan, Brian - - - - -	1956
Karmel, Peter Henry (Cambridge, 1948) - - - - -	1951	Millington, Richard James - - - - -	1958
Karthigasu, Kula Thungam - - - - -	1965	Mills, Kingsley John - - - - -	1966
Katekar, Gerard Frederick - - - - -	1962	Mitchell, Peter - - - - -	1966
Keats, Reynold Gilbert - - - - -	1966	Monro, John Malcolm - - - - -	1959
Keck, Donald Bruce - - - - -	1958	Morgan, Furness David (California, 1956) - - - - -	1959
Kempster, Charles John Edgar (Cambridge, 1958) - - - - -	1960	Moritz, Alan Gilbert - - - - -	1961
Kennedy, Gillian Ruth - - - - -	1963	Mortimer, Peter Inkster - - - - -	1961
Kennedy, Stanley Wallace (Belfast, 1954) - - - - -	1957	*Morton, Robert Kerford (Cambridge, 1952) - - - - -	1959
Kent, Heinz Sigfrid Koplowitz (Cambridge, 1955) - - - - -	1956	Muljadi, Djojomartono - - - - -	1965
Kerr, Allen - - - - -	1956	Mumme, William Gustav - - - - -	1964
Kerr, David Ian Beviss - - - - -	1954	Murray, Andrew Walter - - - - -	1965
Kijne, Jacob Willem (Utah, 1964) - - - - -	1965	Murray, Eric Lionel - - - - -	1962
Kimber, Ronald Walter Lincolne - - - - -	1960	Naim, Mohammad Aejaz - - - - -	1967
Kinloch, Hector Gilchrist Lusk MacTaggart (Yale, 1960) - - - - -	1961	Nair, Vasudewan - - - - -	1966
Kirchhoff, Gerhard Otto Paul (D.Phil., Freiburg, 1951) - - - - -	1966	Naylor, Robert - - - - -	1964
Kleeman, Alfred William - - - - -	1955	Nelson, Peter John - - - - -	1964
Knight, Ronald - - - - -	1965	Nesbitt, Robert William (Durham, 1961) - - - - -	1962
Kochendoerfer, Paul Joachim Rudolf (Dr.Phil., Berlin, 1937) - - - - -	1965	Neville, Margaret Elisabeth Susan (Leeds, 1956) - - - - -	1959
Korytnyk, Wsevolod - - - - -	1957	Nichol, Lawrence Walter - - - - -	1962
Kowanko, Nicholas - - - - -	1961	Nicholls, Peter Borden - - - - -	1963
Krishnapillai, Vijeyasehari - - - - -	1965	Nicholls, Rodney Gordon - - - - -	1967
Kurusev, Tomas - - - - -	1958	Nilsson, Carl Sigurd - - - - -	1965
Laby, Ralph Henry - - - - -	1964	Nilsson, Neil Alfred - - - - -	1959
Lane, John Edgar - - - - -	1963	Nizamuddin, Mohammed - - - - -	1961
Lange, Robert Terence (Western Australia, 1961) - - - - -	1963	Norrie, Douglas Hector - - - - -	1966
Langridge, John Balcombe - - - - -	1956	Northcote, Robert Stafford - - - - -	1964
Laurence, Gerald Steven (Leeds, 1961) - - - - -	1962	Novotny, Jaroslav - - - - -	1965
Laurie, Ian Stott (Cambridge, 1962) - - - - -	1966	Oades, John Malcolm (Leeds, 1962) - - - - -	1965
Lawrance, Robert - - - - -	1965	O'Connell, Daniel Patrick (Cambridge, 1951) - - - - -	1953
Lawry, Peter Sheldon - - - - -	1967	O'Driscoll, Elliot Sylvester - - - - -	1965
Leifer, Michael (London, 1959) - - - - -	1960	Offer, Robin - - - - -	1967
Lewis, David Gray - - - - -	1964	Oliver, Robin Langford (Cambridge, 1954) - - - - -	1959
Lewis, Graham Ethelbert - - - - -	1955	Oram, Rex Neville - - - - -	1960
Leydon, Robert John - - - - -	1965	Osmond, Charles Barry - - - - -	1967
Liljegen, David Roland - - - - -	1963	Paleg, Leslie Godell (Iowa, 1955) - - - - -	1959
Lill, John Charles - - - - -	1962	Panabokke, Christopher Rajendra - - - - -	1957
		Parsons, Peter Gordon - - - - -	1967
		Patterson, John Howard - - - - -	1963

* Deceased

Paul, David Brenton - - - - -	1967	Spotswood, Thomas McLeod - - - - -	1960	
Pearce, Ronald Sandison - - - - -	1955	Staker, Robert - - - - -	1961	
Penman, Thomas Oliver - - - - -	1962	Stanbury, Peter John Terence Cathcart - - - - -	1963	
Penny, John Philip - - - - -	1966	Stearns, John McKenzie - - - - -	1964	
Pettit, Rowland - - - - -	1954	Stephenson, John (London, 1964) - - - - -	1965	
Pitman, Michael George (Cambridge, 1959) -	1967	Stern, Walter Ralph - - - - -	1962	
Pomeroy, Derek Edmund - - - - -	1966	Storer, Robin George - - - - -	1964	
Porter, Reginald Bernard - - - - -	1961	Stranks, Donald Richard (Melbourne, 1954) -	1965	
Posner, Alan Meyer (Cambridge, 1950) - -	1956	Sutton, David John - - - - -	1954	
Potts, Barbara Phyllis - - - - -	1959	Sved, John Andrew - - - - -	1966	
Potts, Kevin Thomas (D.Phil., Oxford 1954)	1959	Swann, John Christopher - - - - -	1967	
Prager, Rolf Herman (Sydney, 1963) - - -	1966	Tait, Robert William Francis (Birmingham,	1954	
Pratt, Bryan Harry - - - - -	1966	1943) - - - - -	1964	
Price, Clive Ellsworth (London, 1964) - -	1966	Talbot, James Lawrence - - - - -	1964	
Provine, Kenneth Alfred (Reading, 1958) -	1963	Tate, Max Edwin (New South Wales, 1961) -	1965	
Pullman, Brian James - - - - -	1964	Taylor, Brian Kenwyn - - - - -	1967	
Quirk, James Patrick (London, 1952) - - -	1959	Taylor, Graham Frank - - - - -	1967	
Radden, Brian Gray (London, 1959) - - -	1962	Taylor, James Bruce - - - - -	1965	
Radok, Jens Rainer Maria (D.Ing., T.H.	1963	Taylor, Max Ronald (Sydney, 1964) - - -	1966	
Munich, 1955) - - - - -	1963	Tejwani, Khubo Gianchand - - - - -	1952	
Rahman, Md. Mustafizur - - - - -	1967	Tharavani, Savanath - - - - -	1966	
Raison, John Kenneth - - - - -	1964	Theng, Kian Goan, Benny - - - - -	1965	
Rajbhandary, Kamala Bhagat - - - - -	1958	Thompson, Anthony George - - - - -	1966	
Ramsay, George Caird - - - - -	1964	Thompson, Irving Alexander Anthony (Cam-	1966	
Rao, Paluri Sundara - - - - -	1967	bridge, 1965) - - - - -	1966	
Rao, Ravindra Pratap - - - - -	1966	Thompson, Malcolm James - - - - -	1958	
Rao, Velamury Raghavendra - - - - -	1956	Thomson, Keith Westhead (Washington, 1953)	1954	
Rawat, Rishi Ram - - - - -	1955	Thonard, John Charles (Rochester, 1960) -	1967	
Reade, Peter Clarence - - - - -	1965	Tomlin, Stanley Gordon (London, 1945) - -	1960	
Reeves, Leopold Hugh Duncan - - - - -	1964	Treloar, Francis Edward - - - - -	1959	
Reid, Gordon Stanley (London, 1957) - -	1958	Trudinger, Philip Alan - - - - -	1955	
Reinfelds, Juris - - - - -	1963	Turner, Keven James - - - - -	1956	
Richardson, Alan James - - - - -	1967	Twidale, Charles Rowland (McGill, 1957) -	1960	
Roach, John Robert - - - - -	1966	Urwin, Jack Robson - - - - -	1954	
Roark, Bruce Archibald - - - - -	1956	Van Abbe, Derek Maurice (Melbourne, 1952)	1953	
Robertson, David Stirling - - - - -	1954	Van Steveninck, Reinhard Ferdinand Mat-	1965	
Robertson, James Struan (D.Phil., Oxford,	1948)	thias (London, 1961) - - - - -	1965	
1948) - - - - -	1950	Virgo, David - - - - -	1967	
Robertson, William Godfrey Pitcher - - -	1953	Von der Borch, Christopher Carl - - - - -	1963	
Roe, Ernest - - - - -	1964	Vyborny, Rudolf (Dr. rer. nat., Prague, 1953)	1966	
Rogers, George Ernest (Cambridge, 1957) -	1963	Wace, Nigel Morritt (Belfast, 1961) - - -	1962	
Rogers, William Percy (London, 1940) - -	1952	Wade, Mary Julia - - - - -	1959	
Roper, Robert George - - - - -	1963	Walker, Ian Saville - - - - -	1956	
Rudé, George Frederick Elliot (London,	1950)	Walters, Stephanus Sebastian - - - - -	1967	
1950) - - - - -	1961	Ward, Arthur David (Wellington, 1962) - -	1966	
Rutland, Rupert William Roye (London,	1958)	Wassermann, Vicarius Daniel - - - - -	1965	
1958) - - - - -	1967	Webbing, Donald D'Arcy - - - - -	1966	
Saksena, Hari Krishna - - - - -	1953	Wege, Dieter - - - - -	1967	
Sallis, John Dalwood - - - - -	1964	Weigold, Helmut - - - - -	1966	
Sanderson, John Gavin - - - - -	1967	Weigold (née Thomas), Josephine Anne - -	1966	
Santhirasegaram, Kandaswamy - - - - -	1964	Weiss, Alan Austin - - - - -	1955	
Sasse, Wolfgang Hermann Fritz - - - - -	1957	Weller, Keith Russell - - - - -	1965	
Satchell, Geoffrey Harold (Leeds, 1945) -	1963	Wells, Julian Richard Este - - - - -	1964	
Schulz, Gerhard Ernst Otto (Dr. Phil., Leip-	1958)	West, Bruce Oswald - - - - -	1954	
1958) - - - - -	1964	Westwood, William Dickson (Aberdeen, 1962)	1966	
Schwab, Gordon Ernest - - - - -	1965	White, James Gilmore Hall - - - - -	1966	
Scott, Nigel Steele - - - - -	1966	White, Thomas Charles Raymond - - - - -	1967	
Scott, Paul Raymond - - - - -	1964	Whittaker, Ian Arnold McDonald - - - - -	1966	
Searle, Graeme Hunter (Australian National	1964)	Whittle, Christopher Playford - - - - -	1962	
University, 1964) - - - - -	1967	Williams, Baden George - - - - -	1966	
Sears, Douglas Barker (D.Phil., Oxford, 1949)	1965	Williams, David Reginald Glyndwr - - - -	1965	
Seymour, Patrick William (Australian	1962)	Williams, Lyall Richard - - - - -	1965	
National University, 1962) - - - - -	1965	Williams, Michael (Wales, 1960) - - - -	1961	
Sheldon, John Charles (Nottingham, 1956) -	1963	Wilson, Ian Stewart - - - - -	1963	
Shepherd, Kenneth William - - - - -	1964	Wilson, Patricia Margaret - - - - -	1967	
Silbury, James Henry - - - - -	1967	Wilson, Trevor Gordon (D.Phil., Oxford,	1959)	1960
Singh, Rajendra - - - - -	1953	Winefield, Anthony Harold (London, 1962)	1963	
Singh, Rudra Pratap - - - - -	1962	Winzor, Donald John - - - - -	1961	
Skinner, Helen Catherine Wild - - - - -	1959	Wiskich, Joseph Tony (Sydney, 1962) - -	1965	
Smith, Terence Norman - - - - -	1965	Wollaston, Elise Margaretta - - - - -	1967	
Smolicz, Jerzy Jaroslaw (Edinburgh, 1960) -	1966	Womersley, Hugh Bryan Spencer - - - - -	1952	
Smyth, Robert Walter - - - - -	1960	Woodroffe, Kathleen - - - - -	1962	
Snoswell, Alan Marlow - - - - -	1961	Woolhouse, Harold William - - - - -	1960	
Snow, Michael Robert (London, 1966) - -	1967	Worley, Roderick Tom - - - - -	1967	
Specht, Raymond Louis - - - - -	1954	Worthington, Charles Roy - - - - -	1956	
Speden, Ross Noel (D.Phil., Oxford, 1963) -	1965			
Spencer, Donald - - - - -	1953			

* Deceased

GRADUATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

Ward, J. F., Classics	- - - - -	1908	Casson, L. F., English	- - - - -	1928
Pavnter, 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.

Bailey, Lindsay Frank, B.Ag.Sc., Agricultural Biochemistry IIA	- - - - -	1964	Cooper, Leith Thomas, B.Ag.Sc., Agricultural Biochemistry IIA	- - - - -	1966
Byrne, Maurice John, B.Ag.Sc., Entomology IIA	- - - - -	1964	Moriarty, David Joseph Wulstan, B.Ag.Sc., Agricultural Biochemistry IIA	- - - - -	1966
Ford, Graeme West, B.Ag.Sc., (Melb.), Soil Science I	- - - - -	1964	Peter, Duncan Wilbur, B.Ag.Sc., Animal Production and Physiology IIA	- - - - -	1966
Robinson, James Bennett, B.Ag.Sc., Plant Physiology IIA	- - - - -	1964	Redden, Robert John, B.Ag.Sc., Plant Breeding IIB	- - - - -	1966
Smeaton, John Richard, B.Ag.Sc., Agricultural Biochemistry IIA	- - - - -	1964	Smeaton, Timothy Clive, B.Ag.Sc., Animal Production and Physiology IIA	- - - - -	1966
Taplin, David Elliott, B.Ag.Sc., Animal Husbandry IIA	- - - - -	1964	Dubé, Alan John, B.Ag.Sc., Plant Pathology IIA	- - - - -	1967
Yates, Neville Geoffrey, B.Ag.Sc., Animal Husbandry IIA	- - - - -	1964	Ellis, Ronald Weston, B.Ag.Sc., Animal Physiology IIA	- - - - -	1967
Nancarrow, 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

HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE (INSTITUTED 1961)

Armstrong, Graeme John, B.App.Sc., Applied Chemistry I	- - - - -	1962	Bedford, Anthony John, B.App.Sc., Secondary Metallurgy IIA	- - - - -	1967
Sivour, Neil Graham, B.App.Sc., Applied Chemistry IIA	- - - - -	1963	Stump, Nicholas Withrington, B.App.Sc., Applied Chemistry IIB	- - - - -	1967
Le Maistre, Christopher William, B.App.Sc., Secondary Metallurgy I	- - - - -	1965	Wainwright, Mark Sebastian, B.App.Sc., Applied Chemistry IIA	- - - - -	1967

HONOURS DEGREE OF BACHELOR OF ARCHITECTURE (INSTITUTED 1958)

Hauser, Robin, II	- - - - -	1963	Ballinger, John Albyn, II	- - - - -	1965
Jensen, Peter Rolf, I	- - - - -	1963	Fritzsche, Janet May, II	- - - - -	1965
Lapsys, Antanas Tomas, II	- - - - -	1963	Loffler, Keith Richard, II	- - - - -	1965
Pikusa, Stefan Adam, I	- - - - -	1963	Nairn, Geoffrey Weynton, II	- - - - -	1965
Grove, Richard Jeffrey, I	- - - - -	1964	Bate, Brian Gilbert, II	- - - - -	1967
Murphy, John Frederick, II	- - - - -	1964	Horne, Richard Truran, II	- - - - -	1967
Rowney, Barry Glencoe, II	- - - - -	1964	Looi, Hoong Thoong, II	- - - - -	1967
Schenk, John Robert, II	- - - - -	1964	Wong, Yit Sing, Francis, II	- - - - -	1967

HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Ashenden, Dean John, History II (ii)	- - - - -	1964	Griffiths, Anthony Royston Grant, History II (i)	- - - - -	1964
Bettison, Suzanne, Psychology II (ii)	- - - - -	1964	Hauser, Michael, English II (ii)	- - - - -	1964
Black, Ian Donald, History II (i)	- - - - -	1964	Hawker, Geoffrey Nelson, History II (i)	- - - - -	1964
Brinkworth, Peter Charles, Mathematics II (i)	- - - - -	1964	Henning, Graydon Read, B.Ec., History II (ii)	- - - - -	1964
Buesing, Kuno Wilhelm Nicolaus, German III	- - - - -	1964	Hinckfuss, Ian Charles, B.Sc. (Q'ld.). Philosophy I	- - - - -	1964
Chapman, Ann, English II (ii)	- - - - -	1964	Hirst, John Bradley, B.A., History II (i)	- - - - -	1964
Clay, John Howard, English II (ii)	- - - - -	1964	Holloway, Irene Isabel, Psychology II (i)	- - - - -	1964
Clunies-Ross, Bruce Axel, English II (i)	- - - - -	1964	Home, David James de Lancy, Psychology II (ii)	- - - - -	1964
Coxon, Patricia Magdalen, Latin I	- - - - -	1964	Jaques, Winnifred Ruth Christine, History I	- - - - -	1964
Craig, Jennifer Stewart, History II (ii)	- - - - -	1964	Leonard, Roger Ashley, History I	- - - - -	1964
de Vries, Gertrude Dorothy, History II (ii)	- - - - -	1964	Lucas, Carolyn, History II (ii)	- - - - -	1964
Ellis, Roger Melville, English I	- - - - -	1964			
Finch, Janette Helen, B.A., English III	- - - - -	1964			
Garbett, Meredith Stewart, B.A., Geography II (ii)	- - - - -	1964			

Mayo, John, B.A., History II (i) - - - -	1964	Kannis, Peter, History II (i) - - - -	1966
McDougall, Jennifer Mary, French I - - - -	1964	Kelly, Dominic Michael, History and Politics II (i) - - - -	1966
McKie, Ian William, French II (i) - - - -	1964	Marks, Patricia Jean, English III - - - -	1966
McNicol, Donald, Psychology I - - - -	1964	Marshall, Marilyn Gray, B.A., Politics I - - - -	1966
Mitchell, Adrian Christopher William, B.A., English II (i) - - - -	1964	Miller, Robert John, History II (ii) - - - -	1966
Nancarrow, Judith, History II (ii) - - - -	1964	Murphy, Laurence Frederick, History II (i) - - - -	1966
Pearson, Anne Keeler, Mathematics I - - - -	1964	Mussared, Shirley Ann, Psychology II (ii) - - - -	1966
Pearson, Kenneth Robert, Mathematics I - - - -	1964	Nagel, Pauline, History II (ii) - - - -	1966
Quartly, Marian, History II (i) - - - -	1964	Naulty, Reginald Anthony, B.A., Philosophy I - - - -	1966
Ramsay, Janet Kay, History I - - - -	1964	Neumann, Walter David, Mathematics I - - - -	1966
Roose, Willem Adriaan, German II (i) - - - -	1964	Parbs, Robert Lindsay, English II (i) - - - -	1966
Rutter, Wendy Lorraine, English II (ii) - - - -	1964	Polkinghorne, Gillian Margaret, Psychology II (i) - - - -	1966
Schlick, Werner Josef, German I - - - -	1964	Poynter, John William, B.A., Geography II (i) - - - -	1966
Strickland, Andrew James, History II (i) - - - -	1964	Reed, Catherine Elaine Thornton, English II (ii) - - - -	1966
Tilby, Jenis Marie, History II (i) - - - -	1964	Riegel-Huth, Jill Penelope Ann, Economics I - - - -	1966
Tiver, Peter Graham, B.A., Politics I - - - -	1964	Rodger, Michael Scott, English I - - - -	1966
Tsounis, Michael Peter, History II (ii) - - - -	1964	Searle, Glen Hartley, Geography II (i) - - - -	1966
Tuncks, Valerie Christine, English II (ii) - - - -	1964	Sharman, George Campbell, LL.B., Politics II (i) - - - -	1966
Walsh, Valerie Mary, English II (i) - - - -	1964	Steiner, Marie Ann, History II (ii) - - - -	1966
Wells, Judith Helen, History II (i) - - - -	1964	Stoll, Brigitte, German II (i) - - - -	1966
Wyatt, David Francis, English II (i) - - - -	1964	Strehlow, Theodor James, German II (i) - - - -	1966
Boehmer, Sonya Anita, B.A., Geography II (i) - - - -	1965	Svenne, Ilze, B.A., History I - - - -	1966
Brice, Ian David, History II (i) - - - -	1965	Szczygielski, Wladyslawa Wanda, German I - - - -	1966
Bright, Ann, English I - - - -	1965	Szorenyi-Reischl, Nicholas Andrew, B.A., Philosophy I - - - -	1966
Brooks, Julie Ann, English III - - - -	1965	Temby, Penelope Claire, Latin II (i) - - - -	1966
Bury, Warren Richard, History II (i) - - - -	1965	Tilby, Penelope Jean, Psychology I - - - -	1966
Cain, Francis Michael, B.A., History II (ii) - - - -	1965	Tsangaris, George Paul, B.A., Classics I - - - -	1966
Cobb, Elizabeth Anne, French II (i) - - - -	1965	Vallee, Ronald Peter, Politics III - - - -	1966
Coombe, Margaret Mary, History II (i) - - - -	1965	Wilson, Jennifer Marjorie, English II (i) - - - -	1966
Cornell, Christine Helen, History II (i) - - - -	1965	Wise, Carole Margaret, French II (ii) - - - -	1966
Crouch, Claire Elaine, German II (ii) - - - -	1965	Wright, Barrie James McGregor, English II (i) - - - -	1966
Dennis, Barbara Mary, English II (i) - - - -	1965	Archer, Rosemary Truda, English IIA - - - -	1967
Dobrez, Livio, English II (i) - - - -	1965	Ball, Robin, History IIB - - - -	1967
Galbory, Jutta Maria Paula, German II (i) - - - -	1965	Barton, Gillian Ruth, Latin IIB - - - -	1967
Grantskalns, Erika Eve, History II (ii) - - - -	1965	Carey, Helen, English IIA - - - -	1967
Guerin, Bruce, B.A., Classics I - - - -	1965	Caton, Christopher Nigel, B.A., Economics I - - - -	1967
Khadajah, binti Karim, History II (ii) - - - -	1965	Chan Wah May, Winnie, History IIB - - - -	1967
Kleinig, John Wilfred, German I - - - -	1965	Cook, Peter Sydney, B.Ec., History I - - - -	1967
Magarey, Susan Margaret, English II (ii) - - - -	1965	Cowley, Helen Russell, Psychology I - - - -	1967
Marsden, Julia Meredith, History II (ii) - - - -	1965	Craig, Bronwen Phyllis, History I - - - -	1967
McGowan, Ursula, German I - - - -	1965	Deane, Derrick Peter, History IIB - - - -	1967
Messner, Gwenda Mary, History II (ii) - - - -	1965	Dobrez, Patricia Anne, English IIB - - - -	1967
Morgan, Grant Maxwell, English II (i) - - - -	1965	Douglas, Charles William Sholto, History and Politics IIB - - - -	1967
Pantis, Craciun, History II (ii) - - - -	1965	Dunn, John Michael Alen, History IIA - - - -	1967
Parkin, Chery Wedgwood, B.A., History I - - - -	1965	Durward, Elizabeth Dunkley, History IIA - - - -	1967
Perry, Jane Elizabeth, History II (i) - - - -	1965	Edson, Peter George, History IIA - - - -	1967
Priestley, Alison Maude, History II (i) - - - -	1965	Emery, Peter John, B.A., Economics IIA - - - -	1967
Richter, Gunter Walter, German II (i) - - - -	1965	Gent, Margaret Georgina, English I - - - -	1967
Roper, Bruce Malcolm, Latin II (ii) - - - -	1965	Gibson, Margaret Elsbeth, History I - - - -	1967
Schultz, Lance Franklin, Politics II (i) - - - -	1965	Greeneklee, Anne, History IIA - - - -	1967
Thiersch, Marie-Louise Mathilde, German II (i) - - - -	1965	Griffith, Jillian Margaret, History IIA - - - -	1967
Tonkin, Jennifer Jane, English II (ii) - - - -	1965	Hetherington, Penelope, B.A., History I - - - -	1967
Worden, Margaret Anne, History I - - - -	1965	Hicks, Neville Derrington, History IIA - - - -	1967
Wright, Donald Ian, B.A., History II (i) - - - -	1965	Hollis, Stephanie Joan, English I - - - -	1967
Zweck, Wayne Theodore, History II (i) - - - -	1965	Keain, Beatrice Mary, History IIB - - - -	1967
Adams, Reginald Austin Sorby, Psychology I - - - -	1966	Kidman, John McIvor, French IIA - - - -	1967
Ballinger, Marie Elizabeth, History II (i) - - - -	1966	Kieslinger, Hans, French and German IIB - - - -	1967
Berndt, Judy Margaret, History II (ii) - - - -	1966	Kinloch, Anne Russell Leuthner, History IIA - - - -	1967
Bilney, Gordon Neil, B.D.S., Politics II (i) - - - -	1966	Lee, Janice Maree, English IIA - - - -	1967
Cann, Melvyn Roy, Philosophy I, B.A., B.Mus., A.U.A. (Music) - - - -	1966	Lejejs, Inara, Psychology IIA - - - -	1967
Clunies-Ross, Graham George, Psychology II (i) - - - -	1966	Lorimer, Philip Stewart, History IIA - - - -	1967
Collings, Leslie Ross, English II (i) - - - -	1966	Martin, Ursula Glennis, History IIB - - - -	1967
Collins, Tania Joan, French II (ii) - - - -	1966	Melville, Caroline, History I - - - -	1967
Coombe, Carole Julie, History II (i) - - - -	1966	Murray, William James, History I - - - -	1967
Dawson, Allan Alexander, Politics II (i) - - - -	1966	Norris, Ronald, History I - - - -	1967
Dennis, Peter John, History I - - - -	1966	O'Brien, Patricia Anne, English III - - - -	1967
Dibden, Jacqueline Andrew, History II (i) - - - -	1966	Powell, Graeme Tullidge, History IIA - - - -	1967
Donley, Robert James Randall, History II (ii) - - - -	1966	Prior, Jill Margaret, History IIA - - - -	1967
Eaden, Philippa Robin, English II (ii) - - - -	1966	Quartly, Kay, History IIA - - - -	1967
Eckermann, Angela May, French II (ii) - - - -	1966	Scott, Jeffrey Frank, LL.B., B.Ec., Politics IIA - - - -	1967
Egoh, Abdul Hamid, Politics III - - - -	1966	Svillans, Irena, French IIB - - - -	1967
Ellis, Bronwyn Joan, French II (i) - - - -	1966	Teague, Baden Chapman, History IIA - - - -	1967
Fitzgerald, Judith Barbara, History II (i) - - - -	1966	Thompson, Roger David, History I - - - -	1967
Forrest, Anna Marlene Helen, French I - - - -	1966	Thomson, Joyce Ann, English IIB - - - -	1967
Fowler, Barry Herbert, Psychology II (i) - - - -	1966	Vigar, Penelope Elizabeth Shannon, English I - - - -	1967
Gibson, Edmund Ralph Boyce, History I - - - -	1966	Walsh, Philippa Barbara, History IIA - - - -	1967
Hebart, Ernst, English and German II (ii) - - - -	1966	Waugh, Heather Jean, English IIB - - - -	1967
Herbert, Eileen Audrey, B.A., History II (ii) - - - -	1966	Willats, Kerrie Ann, History IIB - - - -	1967
Hollinsworth, Jeanette, History and Politics I - - - -	1966	Williams, Eric, History IIA - - - -	1967
Hunwick, Andrew William Robert, Latin and French II (i) - - - -	1966	Wright, Anne, Latin IIA - - - -	1967

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 - - -	1967
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.

Cook, Peter Sydney, III - - - - -	1964	Freney, Roger Quentin, B.Ec., IIA - - -	1966
Dahlberg, Dane Louis, IIA - - - - -	1964	Mules, Trevor John, B.Ec., I - - - - -	1966
Flew, Robert John, IIB - - - - -	1964	Rohrsheim, Geoffrey Charles, B.Ec., IIB	1966
Leane, Peter Alan, B.Ec., IIA - - - - -	1964	Taylor, Gregory Frank, B.Ec., IIA - - -	1966
Pflaum, Peter Theo, IIA - - - - -	1964	Teoh, Eng Hong, B.Ec., I - - - - -	1966
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 Glenlathorne, 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

HONOURS DEGREE OF BACHELOR OF ENGINEERING (INSTITUTED 1947)

For previous Lists, see Calendars from 1956.

Bottroff, Peter Jeffrey, Civil IIB - - - -	1964	Tam, Kau Tim, Electrical IIB - - - - -	1965
Bowen, Graeme Philip, Electrical I - - -	1964	Tamke, John William, Electrical IIB - - -	1965
Boyley, Maxwell John, Mechanical IIB - -	1964	Tham, Cham Kwong, Electrical IIA - - -	1965
Branson, Rodman Wayne, Chemical IIB - -	1964	Tham, Toong Seng, Mechanical IIA - - -	1965
Brown, Garry Leslie, Mechanical I - - -	1964	Tozer, Barry Allan, Civil IIA - - - - -	1965
Cambrell, Gregory Keith, Electrical I - -	1964	Welford, John Peter, Mechanical I - - -	1965
Coxon, Christopher Gavin Murray, Mechanical		Wesson, Roy Harold, Electrical IIB - - -	1965
IIA - - - - -	1964	Yeow, Koh Wah, Mechanical IIA - - - - -	1965
Crews, Brian Dudley, Chemical I - - - -	1964	Zimmermann, Werner, Electrical IIA - - -	1965
Dolan, David Sutton, Chemical IIA - - -	1964	Akhtar, Muhammad Yaqub, Electrical I - -	1966
Drewer, Peter Clifford, Electrical I - - -	1964	Arthur, Neil Fleming, Chemical IIB - - -	1966
Duncan, Craig Thomas, Civil IIA - - - -	1964	Boas, Robert Victor, Mechanical IIA - - -	1966
Dyson, Anthony Edward Stafford, Chemical		Chan, Tjong Hin, Chemical IIB - - - - -	1966
IIA - - - - -	1964	Dean, Peter David, Mechanical IIB - - -	1966
Gower, Stephen Norman, Mechanical I - -	1964	Golley, Bruce Wilfrid, Civil IIB - - - -	1966
Jansen, Malcolm Lindsay, Chemical IIA -	1964	Ing, Hung Cheng, Mechanical I - - - - -	1966
Jones, Graham Roy, Chemical IIB - - - -	1964	Lees, Maxwell Laurence, Electrical I - - -	1966
Kimber, Maxwell James, Electrical IIA - -	1964	Liddy, John Davis, Chemical IIB - - - -	1966
Leigh-Jones, Peter, Electrical I - - - - -	1964	Lim, Thuan Khee, Civil I - - - - -	1966
Melbourne, John Dugald, Chemical IIB - -	1964	McInnes, Douglas Bruce, Civil IIB - - -	1966
Moretti, Franco Giacomo, Civil IIA - - -	1964	McRae, Donald Ian, Civil I - - - - -	1966
Mudie, David, Civil IIB - - - - -	1964	Moxham, Kenneth Ewing, Civil I - - - -	1966
Olsen, Christopher John, Civil IIA - - -	1964	Orchard, Ian Hamilton, Civil IIA - - -	1966
Parkin, John Wilson, Civil I - - - - -	1964	Robert, John Douglas, Electrical IIA - -	1966
Patterson, Dean James, Electrical I - - -	1964	Ryan, William James, Chemical IIA - - -	1966
Payze, Rodney John, Civil I - - - - -	1964	Stevens, Ross Linwood, Civil IIA - - -	1966
Roberts, Ian Noel, Civil IIA - - - - -	1964	Tough, Peter Frank, Chemical IIA - - -	1966
Roberts, Terence James, Chemical I - - -	1964	Treloar, Philip Douglas, Civil IIA - - -	1966
Sawley, Roger John, Mechanical IIB - - -	1964	Angel, Robert John, Chemical IIB - - -	1967
Smith, Bernard Maurice, Electrical I - - -	1964	Bereznai, George Thomas, Electrical I - -	1967
Stacey, Barrie Graham, Civil IIB - - - -	1964	Bowden, Gavin David, Chemical IIB - - -	1967
Story, Michael John, Chemical I - - - - -	1964	Brown, Graham Ross, Electrical IIB - - -	1967
Sydenham, Peter Henry, Electrical IIA - -	1964	Burgess, Alan Stanley, B.Sc., Electrical I	1967
Thomson, Richard William, Chemical I - -	1964	Dang, Quy Dac, Mechanical I - - - - -	1967
Warren, Christopher Michael, Chemical IIB		Dang, Barry Robert, Civil IIA - - - - -	1967
Wastell, John Ernest, Mechanical IIA - -	1964	Foley, Shane Patrick, Civil I - - - - -	1967
Woodburn, John Arnold, Civil I - - - - -	1964	Ford, Christopher John, Mechanical IIA -	1967
Barter, Christopher John, Electrical I - -	1965	Fox, Allan Douglas, Chemical IIA - - -	1967
Carpenter, Allan Lloyd, Mechanical IIA -	1965	Gallasch, Glen Lenard, Electrical IIB - -	1967
Doherty, Lindsay Edgar, Civil IIA - - -	1965	Gehan, Kevin, Chemical IIA - - - - -	1967
Edmonds, Peter Harry, Electrical IIA - -	1965	Hawryszkiewicz, Peter, B.Sc., Electrical I	1967
Flavel, Warren Louis, Electrical I - - -	1965	Hohnen, Stuart Alexander, Civil IIB - - -	1967
Hackett-Jones, Francis Charles, Electrical		Killick, James Cassam, Civil I - - - - -	1967
IIA - - - - -	1965	Kirke, Brian Kinloch, Civil IIA - - - -	1967
Harris, Howard Robert, Chemical IIB - - -	1965	Lange, Volker Wolfgang, Electrical I - -	1967
Hashim, bin Mohammed Salleh, Electrical I		Manoel, Peter James, Civil IIA - - - - -	1967
Isaachsen, Oscar Alan, Chemical IIA - - -	1965	Ramsay, Douglas Peter, B.Sc., Electrical IIA	1967
Kershaw, Allan James, Electrical IIA - -	1965	Richardson, Ralph Stuart, Electrical IIB -	1967
Lee, Huat Chye, Jeffrey, Electrical I - - -	1965	Schapel, Jeffrey Gilbert, B.Sc., Electrical I	1967
Lim, Kim Boon, Mechanical I - - - - -	1965	Simpson, Ralph Anthony Hollister, Mechanical	
McGrath, Humphry Addison, Electrical IIA		IIB - - - - -	1967
Moh, Hak Serh, Electrical IIB - - - - -	1965	Smith, Anthony Terence, Electrical IIA - -	1967
Polson, Peter, Electrical IIA - - - - -	1965	U. Yong Ec, Mechanical IIB - - - - -	1967
Roennfeldt, Richard John, Mechanical IIB		Weymouth, John Arthur, Chemical IIB - -	1967
Rowe, James William, Chemical IIA - - -	1965	Whitrow, John Leslie, B.Sc., Electrical I	1967
Sobolewski, Victor Conrad, Electrical I -	1965	Wilkinson, Malcolm Keith, Civil IIB - - -	1967
		Wilson, Richard Edward, Mechanical I - -	1967

HONOURS DEGREE OF BACHELOR OF LAWS (INSTITUTED 1939)

For previous lists see Calendars from 1961

Clark, Sandford Delbridge, II	- - - -	1962	Cramond, James Malcolm Alyn, I	- - - -	1967
Finnis, John Mitchell, I	- - - -	1962	Daw, Rowena Compson, I	- - - -	1967
Jarvis, Deane Graham, II	- - - -	1963	Doyle, John Jeremy, I	- - - -	1967
Detmold, Michael James, II	- - - -	1964	Haynes, Jennifer May, I	- - - -	1967
Doyle, Margaret Cecelia, II	- - - -	1965	Ligertwood, Andrew Leith Coutts, I	- - - -	1967
Lindell, Geoffrey John, I	- - - -	1965	Pash, Richard Jeffrie, II	- - - -	1967
Lunn, Robert Martin, II	- - - -	1965	Taylor, John Lachlan, I	- - - -	1967
McDonnell, Ian Peter, II	- - - -	1966	Trim, Darrell Alfred, II	- - - -	1967
Beatty, James Douglas John, II	- - - -	1967			

HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE (INSTITUTED 1949)

Favilla, Ian, Biochemistry IIB	- - - -	1962	McCarthy, Peter Justin, Biochemistry IIA	- - - -	1964
Harding, Philip Ernest, Physiology IIA	- - - -	1962	Charlton, Peter James, Genetics I	- - - -	1965
Johnson, Nicholas, Biochemistry IIB	- - - -	1962	Dienes, Nigel Anthony, Biochemistry I	- - - -	1965
Ferriam, Donald John, Genetics IIB	- - - -	1962	Khoo, Kay Keng, Microbiology I	- - - -	1965
Roman, Desmond, Physiology IIA	- - - -	1962	Sosula, Leo, Anatomy I	- - - -	1965
Black, Andrew Barham, General Pathology IIA	- - - -	1963	Stepanas, Antanas Vytautas, Physiology IIA	- - - -	1965
Fotheringham, Brian James, Physiology IIA	- - - -	1963	Bastian, Peter Desmond, Physiology IIA	- - - -	1966
Meyer, Carl Hugh Alexander, Anatomy IIA	- - - -	1963	Chivers, Robin Rayment, Physiology, IIA	- - - -	1966
Reilly, Peter Lawrence, Physiology IIA	- - - -	1963	Juttner, Christopher Aylwin, Physiology I	- - - -	1966
Thomas, David Westwood, Physiology IIA	- - - -	1963	Philpot, Christopher Ross, Physiology I	- - - -	1966
Van Dongen, Robert, Anatomy I	- - - -	1963	Young, Janet Isabelle, Pathology I	- - - -	1966
Wahlquist, Mark Lawrence, Physiology IIA	- - - -	1963	Paterson, Nigel Angus Morgan, Physiology I	- - - -	1967

HONOURS DEGREE OF BACHELOR OF MUSIC (INSTITUTED 1949)

Cann, Melvyn Roy, Mus.Bac. I	- - - -	1965	Kenny, Michael John, B.Mus. I	- - - -	1966
Kartomi, Margaret Joy, Mus.Bac. I	- - - -	1965	Lakin, Angela Mary, B.Mus. II	- - - -	1966
MacKay, Heather Margaret, Mus.Bac. II	- - - -	1965	Biezaitis, Sandra Mara, B.Mus. I	- - - -	1967
Tobin, Ashleigh Hambridge, Mus.Bac. I	- - - -	1965	Silbury, Elizabeth Alice, B.A., B.Mus. I	- - - -	1967
Wickes, Lewis Charles, Mus.Bac. I	- - - -	1965	Simper, Douglas Alan, B.Mus. II B	- - - -	1967
Barker, John Wesley, B.Mus. I	- - - -	1966			

HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Acott, Brenton, B.Sc., Organic Chemistry I	- - - -	1964	Harries, John Robathan, B.Sc., Physics I	- - - -	1964
Anderson, Ian Robert, B.Sc., Physical and Inorganic Chemistry I	- - - -	1964	Hodson, Allin Charles, B.Sc., Zoology IIA	- - - -	1964
Andrews, Anthony John, B.Sc., Mathematics IIA	- - - -	1964	Hogarth, Rosamond Elizabeth Goldney, B.Sc., Physical and Inorganic Chemistry IIA	- - - -	1964
Baldock, Robert Neil, B.Sc., Botany I	- - - -	1964	Hooper, Juan Frederick, B.Sc., Organic Chemistry IIA	- - - -	1964
Barrow, Kevin David, B.Sc., Organic Chemistry I	- - - -	1964	Khoo, Phon Sai, B.Sc., Mathematics IIA	- - - -	1964
Bartusek, Karel, B.Sc., Physics IIA	- - - -	1964	Kirk, Alexander Charles, B.Sc., Geology I	- - - -	1964
Bennett, Brian Thomas, B.Sc., Mathematics I	- - - -	1964	Knapman, Jeffrey Warren, B.Sc., Mathematics IIA	- - - -	1964
Biezaitis, Laima Asja, B.Sc., Microbiology IIA	- - - -	1964	Lim, Cheng-Sang, B.Sc., Organic Chemistry IIB	- - - -	1964
Bishop, Robert Raymond, B.Sc., Mathematical Physics I	- - - -	1964	Lindner, John Alan, B.Sc., Organic Chemistry IIA	- - - -	1964
Blackman, Betty Grace, B.Sc., Physics I	- - - -	1964	Marshall, Jennifer Ann, B.Sc., Genetics I	- - - -	1964
Brooker, John Owen, B.Sc., Mathematics IIB	- - - -	1964	Millard, Diane Lesley, B.Sc., Botany I	- - - -	1964
Burtmanis, Egils, B.Sc., Mathematical Physics IIA	- - - -	1964	Mills, Richard Andrew, B.Sc., Physical and Inorganic Chemistry I	- - - -	1964
Cawthron, Edward Robert, B.Sc., Physics I	- - - -	1964	Milne, Geoffrey Maxwell, B.Sc., Mathematical Physics IIA	- - - -	1964
Cheong, Choong Kong, B.Sc., Mathematics I	- - - -	1964	Mountford, Graham Charles, Mathematical Physics IIA	- - - -	1964
Chye, Toh Cheong, B.Sc., Mathematics IIB	- - - -	1964	Ooi, Eam Beng, B.Sc., Mathematics IIB	- - - -	1964
Clark, Meredith Joan, B.Sc., Zoology I	- - - -	1964	Osman, Muhammed Abdul Chaffar, B.Sc., (Lond.), Organic Chemistry IIA	- - - -	1964
Correll, Raymond Leaty, B.Sc., Botany IIA	- - - -	1964	Parsons, Peter Gordon, B.Sc., Organic Chemistry IIA	- - - -	1964
Culshaw, Eveleen Anne, B.Sc., Microbiology IIB	- - - -	1964	Pedler, Pender James, B.Sc., Mathematics I	- - - -	1964
Cutten, Dean Robert, B.Sc., Physics I	- - - -	1964	Piddington, Robert William, B.Sc., Zoology IIA	- - - -	1964
Dainis, Ivars, B.Sc., Organic Chemistry I	- - - -	1964	Proske, Uwe, B.Sc., Zoology IIA	- - - -	1964
Davis, Ronald Lindsay, B.Sc., Physics IIB	- - - -	1964	Remeljej, Wolfgang Werner, B.Sc., Physical and Inorganic Chemistry IIA	- - - -	1964
Dingle, Roderick Edward, B.Sc., Physics IIA	- - - -	1964	Seneta, Eugene, B.Sc., Mathematics I	- - - -	1964
Doyle, Elizabeth Margaret, B.Sc., Physics I	- - - -	1964	Stevens, Alice Cereddwyn, B.Sc., Mathematics IIB	- - - -	1964
Drew, John Francis, B.Sc., Physics IIB	- - - -	1964			
Easton, Alan Keith, B.Sc., Mathematics IIA	- - - -	1964			
Edwards, John Brian, B.Sc., Biochemistry IIA	- - - -	1964			
Gambling, David John, B.Sc., Physics IIA	- - - -	1964			
George, Robin John, B.Sc., Geology I	- - - -	1964			
Gersch, Nerida Fay, B.Sc., Physical and Inorganic Chemistry I	- - - -	1964			

Symonds, Phillip Jeffrey, B.Sc., Mathematical Physics IIA	1964	Leach, Brian George, B.Sc., Mathematics I	1965
Tanzer, Christian Ignatius, B.Sc., Organic Chemistry I	1964	Lewis, Brian Murray, B.Sc., Physics I	1965
Thompson, Glen Raymond, Mathematics IIA	1964	Liddiard, Kevin Charles, B.Sc., Physics IIA	1965
Tomlin, John Anthony, B.Sc., Mathematics IIA	1964	Liddle, John Michael, B.Sc., Organic Chemistry IIA	1965
Tye, Wan Pin, B.Sc., Mathematics IIA	1964	Liew, Nyok Kheng, B.Sc., Zoology IIA	1965
van Bronsvyk, Wilhelm, B.Sc., Physical and Inorganic Chemistry I	1964	Lim, Teck Kah, B.Sc., Mathematical Physics I	1965
Vitols, Baiba, B.Sc., Mathematics IIB	1964	Lim, Yew Meng, B.Sc., Mathematics IIA	1965
Wade, Keith Oliver, B.Sc., Organic Chemistry IIA	1964	Ling, Ai Mee, B.Sc., Biochemistry I	1965
Walter, Bryan Robert, B.Sc., Physics IIB	1964	McAvaney, Bryant John, B.Sc., Physics I	1965
Weaver, Helen Christine, B.Sc., Microbiology IIA	1964	McClure, James Barry Damian, B.Sc., Organic Chemistry IIB	1965
Wildy, Robert Lister, B.Sc., Geology IIA	1964	McKay, David James, B.Sc., Microbiology I	1965
Wilksch, Michael Vincent, B.Sc., Physics IIB	1964	Macnochie, John Richard, B.Sc., Botany IIA	1965
Worley, Roderick Tom, B.Sc., Mathematics I	1964	Major, Robert Bradshaw, B.Sc., Geology IIB	1965
Wu, Ching Rhu, Christine, B.Sc., Organic Chemistry IIA	1964	Martens, Judith Suzanne, B.Sc., Organic Chemistry IIB	1965
Allison, Graham Bruce, B.Sc., Physical and Inorganic Chemistry I	1965	Mayo, Oliver, B.Sc., Genetics I	1965
Backstrom, Robert Peter, B.Sc., Mathematics IIA	1965	Moody, Keith, B.Sc., Organic Chemistry IIA	1965
Barrett, Judith Eleanor, B.Sc., Mathematics I	1965	Nunn, Christina Eleanor, B.Sc., Botany I	1965
Blackburn, Trevor Robert, B.Sc., Physics IIA	1965	O'Connor, Graham Geoffrey, B.Sc., Physics IIA	1965
Blagrove, Robert John, B.Sc., Physical and Inorganic Chemistry I	1965	Paice, John Clarence, B.Sc., Organic Chemistry IIA	1965
Blanksby, Peter Ernest, B.Sc., Mathematics I	1965	Palenschus, Henry Arthur, B.Sc., Organic Chemistry IIA	1965
Braddock, Roger David, B.Sc., Mathematics IIA	1965	Palmer, Ian Dexter, B.Sc., Physics IIA	1965
Bretag, Allan Hugo, B.Sc., Physiology I	1965	Panter, Roderick Alan, B.Sc., Biochemistry I	1965
Brooke, Anthony Lackington, B.Sc., Mathematical Physics IIA	1965	Pemberton, Russell Edward, B.Sc., Microbiology I	1965
Brownhill, Michael Harrington, B.Sc., Geology IIA	1965	Pfützer, Julian Paul, B.Sc., Physics IIA	1965
Bull, Anthony James, B.Sc., Mathematics IIA	1965	Price, Isobel Phebe, B.Sc., Botany IIA	1965
Bungey, Lloyd Morris, B.Sc., Physical and Inorganic Chemistry IIB	1965	Pryor, Anthony John, B.Sc., Genetics IIA	1965
Butterfield, Anthony William, B.Sc., Physics IIA	1965	Redmond, John William, B.Sc., Organic Chemistry I	1965
Carter, Colin Leslie, B.Sc., Mathematical Physics IIB	1965	Reiss, James Allan, B.Sc., Organic Chemistry I	1965
Casey, Bryan Anthony, B.Sc., Physical and Inorganic Chemistry I	1965	Reynolds, Geoffrey Dennison, B.Sc., Organic Chemistry I	1965
Chapple, Barry Edwin Exon, B.Sc., Geology IIA	1965	Rogers, Lesley Joy, B.Sc., Zoology I	1965
Cheng, Mee Chooi, B.Sc., Mathematics I	1965	Shaughnessy, Peter Douglas, B.Sc., Genetics IIB	1965
Chia, Ah Bah, B.Sc., Mathematics IIA	1965	Sinclair, David Foulis, B.Sc., Organic Chemistry IIB	1965
Creaser, Roger Philip, B.Sc., Physics IIA	1965	Sodhy, Sheila, B.Sc., Physiology IIA	1965
Davies, Ian Malcolm, B.Sc., Physics I	1965	Summerfield, William Charles, B.Sc., Mathematics I	1965
Dolling, Maurice, B.Sc., Microbiology IIA	1965	Talmet, Maie-Anne, B.Sc., Organic Chemistry IIA	1965
Durance, Geoffrey, B.Sc., Physics IIA	1965	Tam, Wai Sheung, B.Sc., Mathematics IIA	1965
Ellis, Keith James, B.Sc., Physical and Inorganic Chemistry I	1965	Thong, Kar Lum, B.Sc., Physical and Inorganic Chemistry IIA	1965
Felgate, David Gordon, B.Sc., Physics IIB	1965	Tregloan, Peter Allan, B.Sc., Physical and Inorganic Chemistry I	1965
Fennell, David John, B.Sc., Physical and Inorganic Chemistry IIA	1965	Trett, Victor, B.Sc., Organic Chemistry IIB	1965
Fischer, Alastair James, B.Sc., Mathematics IIB	1965	Tuckwell, Henry Clavering, B.Sc., Mathematical Physics IIB	1965
Ford, John Mackay, B.Sc., Physics IIB	1965	Tume, Ronald Keith, B.Sc., Biochemistry IIA	1965
Gartrell, Grant, B.Sc., Physics IIA	1965	Walsh, Eleanor Wynn, B.Sc., Mathematical Physics IIA	1965
Gibberd, Robert William, B.Sc., Mathematical Physics IIA	1965	Woodroffe, Alice, B.Sc., Zoology IIA	1965
Glasson, Alan Raymond, B.Sc., Mathematics I	1965	Worthley, Sandra, B.Sc., Organic Chemistry IIA	1965
Goh, Kim Kee, Ivy, B.Sc., Botany IIA	1965	Yong, Swee Kee, B.Sc., Geology IIA	1965
Goh, Tong Hong, B.Sc., Physical and Inorganic Chemistry IIA	1965	Zdysiewicz, Jan Romuald, B.Sc., Physical and Inorganic Chemistry I	1965
Gordon, Elizabeth Mary, B.Sc., Botany I	1965	Bahr, John Leslie, B.Sc., Physics IIA	1966
Gough, Paul Lancelot, B.Sc., Physics IIA	1965	Barnden, Leighton Reginald, B.Sc., Physics IIA	1966
Greenlees, Alan William, B.Sc., Biochemistry IIA	1965	Beresford, Anthony Charles, B.Sc., Physics IIA	1966
Grygorowicz, Czeslaw, B.Sc., Physical and Inorganic Chemistry IIA	1965	Boswell, Roderick William, B.Sc., Physics IIA	1966
Holst, Richard John, B.Sc., Zoology I	1965	Bowering, Owen James Wheatley, B.Sc. Geology IIA	1966
Howlett, Philip George, B.Sc., Mathematics IIA	1965	Bowness, Helen, B.Sc., Mathematics I	1966
Iverson, Geoffrey John, B.Sc., Mathematical Physics I	1965	Bracken, Anthony John, B.Sc. Mathematical Physics I	1966
Jemison, Robert William, B.Sc., Organic Chemistry I	1965	Bradshaw, Douglas Richard, B.Sc., Organic Chemistry IIA	1966
Kirby, Ronald Franklyn, B.Sc., Mathematics IIA	1965	Brooker, Peter Ian, B.Sc., Mathematical Physics I	1966
Lam, Ying, B.Sc., Biochemistry IIA	1965	Byers, Alan Edwin, B.Sc., Physical and Inorganic Chemistry IIA	1966
Lazaroff, Nicholas, B.Sc., Botany I	1965	Campbell, Anne Judith, B.Sc., Biochemistry I	1966
		Clarke, Robert John, B.Sc., Mathematics I	1966

Colman, Peter Malcolm, B.Sc., Physics I	1966	Thompson, Norman, B.Sc., Physical and Inorganic Chemistry I	1966
Cooper, Robert Kingham, B.Sc., Physical and Inorganic Chemistry IIA	1966	Thredgold, Harold Malcolm, B.Sc., Organic Chemistry I	1966
Cramond, David Norton, B.Sc., Physical and Inorganic Chemistry I	1966	Van Roekel, Margaret Anne, B.Sc., Physiology IIA	1966
Coppin, Robert John, B.Sc., Economic Geology IIA	1966	Walter, Malcolm Ross, B.Sc., Geology I	1966
Disney, Shaun Anthony Requa, B.A., B.Sc., Mathematics I	1966	West, Keith Robert, B.Sc., Botany IIA	1966
Donaghue, Paul Francis, B.Sc., Organic Chemistry IIA	1966	Wildy, John Edward, B.Sc., Mathematics IIA	1966
Elhay, Sylvan, B.Sc., Computing Science IIA	1966	Walji, Ahmed Hassanali, B.Sc., Organic Chemistry I	1966
Ellery, Brenton Wayne, B.Sc., Biochemistry IIA	1966	Worden, John Maxwell, B.Sc., Geology IIA	1966
Farmer, Anthony John Douglas, B.Sc., Physics IIA	1966	Anderson, David Lee, B.Sc., Mathematics IIA	1967
Fleming, Peter David, B.Sc., Geology I	1966	Attenborough, Heather Joy, B.Sc., Mathematics IIA	1967
Fogg, David Anthony Berthold, B.Sc., Computing Science IIB	1966	Balharry, Gavon John Edward, B.Sc., Biochemistry IIB	1967
French, Robert John, B.Sc., Zoology I	1966	Barritt, Gregory John, B.Sc., Biochemistry I	1967
Gascoine, Christopher Eric, B.Sc., Computing Science IIA	1966	Bateman, Roger George, B.Sc., Microbiology IIA	1967
Glastonbury, Ronda May, B.Sc., Mathematics I	1966	Besley, Robert Ellis, B.Sc., Geology IIB	1967
Goh, Teik Poh, B.Sc., Organic Chemistry IIA	1966	Blesing, Robert Graham, B.Sc., Physics IIA	1967
Goode, Alan Douglas Tracy, B.Sc., Geology I	1966	Brooke, William John Lackington, B.Sc., Geology I	1967
Greenfield, Richard John, B.Sc., Mathematics I	1966	Browne, Patrick John, B.Sc., Mathematics I	1967
Grigson, Christopher James, Mathematical Physics I	1966	Burford, Peter James, B.Sc., Physics IIA	1967
Grimm, Raymond Clifford, B.Sc., Mathematical Physics I	1966	Buselli, Gioachino, B.Sc., Physics IIA	1967
Harris, Kenneth Robert, B.Sc., Physical and Inorganic Chemistry IIA	1966	Butcher, Margaret Gillian, B.Sc., Mathematics I	1967
Harrop, Clifford John Francis, B.Sc., Zoology I	1966	Callen, Roger Arthur, B.Sc., Geology IIB	1967
Holding, Leigh James, B.Sc., Organic Chemistry IIA	1966	Cambrel, Gregory Keith, B.E., Mathematical Physics I	1967
Hope, Rory Moulden, B.Sc., Genetics IIA	1966	Carey, William Francis, B.Sc., Biochemistry IIA	1967
Hosking, Anthony John, B.Sc., Geology IIA	1966	Chaplin, Rodney Phillip, B.Sc., Physical and Inorganic Chemistry I	1967
Houston, Terry Francis, B.Sc., Zoology I	1966	Chuah, Yak Siong, B.Sc., Organic Chemistry IIA	1967
Jackson, Mervyn Benjamin, B.Sc., Organic Chemistry I	1966	Clancy, Michael Charles, B.Sc., Physics IIA	1967
Kerrisk, John Michael, B.Sc., Mathematical Physics IIA	1966	Coleman, Christopher Stephen, B.Sc., Mathematics IIB	1967
Kleeman, John Douglas, B.Sc., Geology I	1966	Courtney, Peter Graham, B.Sc., Computing Science IIA	1967
Krieg, Graham Walter, B.Sc., Geology IIA	1966	Cowell, Jane Margaret, B.Sc., Genetics I	1967
Krips, Henry Paul, B.Sc., Mathematical Physics IIA	1966	Driver, Alan Richard, B.Sc., Psychology IIB	1967
Lehmann, Philip Ross, B.Sc., Geology IIA	1966	Fabian, Werner, B.Sc., Physics IIA	1967
Lemon, Meredith, B.Sc., Zoology I	1966	Farden, Kevin John Francis, B.Sc., Biochemistry IIA	1967
Lewis, Robyn, B.Sc., Computing Science I	1966	Fisher, John Wayne, B.Sc., Organic Chemistry I	1967
Lindquist, William Francis, B.E. (Otago), Geology I	1966	Foong, Siew-Wan, B.Sc., Physical and Inorganic Chemistry I	1967
McFarlane, Anthony Roderic, B.Sc., Mathematical Physics IIB	1966	Gara, William Balint, B.Sc., Organic Chemistry IIA	1967
McFeat, Richard Bruce, B.Sc., Mathematics I	1966	Goh, Hee Boon, B.Sc., Microbiology IIA	1967
McKee, William Dennis, B.Sc., Mathematics I	1966	Gray, Malcolm, B.Sc., Computing Science I	1967
Mason, Malcolm Geoffrey, B.Sc., Geology IIA	1966	Greenshields, Leonore Mary, B.Sc., Genetics IIA	1967
Mayfield, Robert John, B.Sc., Organic Chemistry I	1966	Grund, Roger Bartram, B.Sc., Geology IIB	1967
Meakin, Christopher Paul, B.Sc., Organic Chemistry IIA	1966	Halleday, John Arthur, B.Sc., Organic Chemistry I	1967
Morrison, Robert Gwydir Booth, B.Sc., Physiology IIA	1966	Hancock, William Stephen, B.Sc., Organic Chemistry I	1967
Morrow, Richard, B.Sc., Physics IIA	1966	Harwood, Keith, B.Sc., Physics IIA	1967
Nelson, Christopher Eastick, B.Sc., Mathematics IIA	1966	Hearn, Milton Thomas William, B.Sc., Organic Chemistry I	1967
Nielsen, Jan, B.Sc., Biochemistry IIA	1966	Howlett, Terence Ralph, B.Sc., Mathematics IIB	1967
Panton, David Michael, B.Sc., Mathematics I	1966	Hull, Ronald Robert, B.Sc., Microbiology I	1967
Pepela, Crowther Ngoya, B.Sc., (London), Physical and Inorganic Chemistry IIA	1966	Hum, Hoe Pheng, B.Sc., Biochemistry IIB	1967
Philpott, Clive Mervyn, B.Sc., Zoology IIA	1966	Jenkins, Richard John Frank, B.Sc., Geology I	1967
Pope, Russell Leslie, B.Sc., Mathematics I	1966	Johnson, Bruce Beresford, B.Sc., Physical and Inorganic Chemistry I	1967
Riceman, Mary Stirling, B.Sc., Physics IIA	1966	Keightley, David Douglas, B.Sc., Zoology IIA	1967
Rogers, Roderick Westgarth, B.Sc., Botany IIA	1966	Klemm, Anthony Desmond, B.Sc., Mathematical Physics I	1967
Roney, Bruce Deane, B.Sc., Organic Chemistry IIA	1966	Lee, Kim Cheng, B.Sc., Computing Science I	1967
Rossiter, Dean Edward, B.Sc., Physics IIA	1966	Lewis, Brenton Raymond, B.Sc., Physics I	1967
Rowan, Ian Stanley, B.Sc., Economic Geology IIA	1966	Liddle, Peter Francis, B.Sc., Physics I	1967
Saddler, Hugh David Walter, B.Sc., Botany I	1966	Lintern, Sue Michele, B.Sc., Zoology IIA	1967
Schubert, Mark Theodor, B.Sc., Physics IIA	1966	Loughhead, Colin Ellis, B.Sc., Mathematics IIA	1967
Smith, Ian Robert, Zoology IIB	1966	McDonnell, Thomas Peter, B.Sc., Physics IIA	1967
Smith, David Robert, B.Sc., Genetics I	1966	McIvor, Lenore Claire, B.Sc., Zoology IIA	1967
Soh, Gwek Neo, B.Sc., Biochemistry IIB	1966	Marlow, Robert Buxton, B.Sc., Geology I	1967
Stirling, Andrew John, B.Sc., Physics IIA	1966	May, Brian Kenneth, B.Sc., Biochemistry I	1967
Tebecis, Andris Karlis, B.Sc., Zoology IIA	1966	May, Robert Leonard, B.Sc., Mathematics I	1967
		Miller, Crystal, B.Sc., Geology I	1967
		Milne, Peter Ritchie, B.Sc., Biochemistry I	1967

Moir, John Edward, B.Sc., Organic Chemistry IIA	1967	Slaven, William Trevor, B.Sc., Biochemistry IIB	1967
Odlyha, Marianne, B.Sc., Physical and Inorganic Chemistry IIA	1967	Smith, Richard Victor, B.Sc., Physiology IIA	1967
Palmer, John Edward, B.Sc., Physics IIB	1967	Sng, Bock Thiam, B.Sc., Organic Chemistry IIB	1967
Pearson, Robert Allan, B.Sc., Mathematics IIA	1967	Steele, Ronald John, B.Sc., Geology I	1967
Perry, Peter Grant, B.Sc., Computing Science I	1967	Steinert, Peter Malcolm, B.Sc., Biochemistry IIA	1967
Phang, Sonny, B.Sc., Physical and Inorganic Chemistry IIA	1967	Sweet, Ian Paul, B.Sc., Geology IIA	1967
Pickett, Anne Lynnette, B.Sc. (New England), Mathematics IIA	1967	Tan, Yee Thong, B.Sc., Organic Chemistry IIB	1967
Pledge, Neville Stewart, B.Sc., Geology IIA	1967	Thomas, Richard Murison, B.Sc., Physics I	1967
Preis, Wolfgang Victor, B.Sc., Geology IIA	1967	Threlfall, William Frederick, Geology IIA	1967
Riceman, William David, B.Sc., Physics I	1967	Ting, King Yi, Thomas, B.Sc., Organic Chemistry IIA	1967
Roberts, Richard Gregory Dennis, B.Sc., Physiology IIA	1967	Tong, Peggy, B.Sc., Mathematical Physics IIA	1967
Roper, John McEwen, B.Sc., Physics IIB	1967	Trethewie, John Vere, Physics IIA	1967
Rudzki, Zbigniew, B.Sc., Biochemistry IIA	1967	Tucker, David Hamilton, B.Sc., Physics IIA	1967
Sinclair, Donald Keith, B.Sc., Mathematical Physics I	1967	Vickery, Graham George, B.Sc., Organic Chemistry IIA	1967
Sinclair, Roger Wilson, B.Sc., Organic Chemistry IIA	1967	Wan, Yun, B.Sc., Mathematics IIA	1967
Skurray, Geoffrey Richard, B.Sc., Organic Chemistry IIB	1967	Webber, Carolyn Ann, B.Sc., Mathematics I	1967
		Wells, John David, B.Sc., Physical and Inorganic Chemistry IIA	1967
		Wigley, Gail Rosalind, B.Sc., Zoology IIA	1967
		Wright, Richard George, B.Sc., Geology IIB	1967
		Zwigulis, Maris, B.Sc., Geology IIA	1967

FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere	1946	Ferdinandy, Laszlo	1958
Abbott, Herbert Lewis	1933	Fischer, Robert John	1949
Adcock, John Bartlett	1931	Fisher, Francis Robert	1949
Alderman, Henry Graham	1917	Fisher, Guy	1920
Alderman, John Kevin	1938	Fleming, Stanley Hugh	1902
Alderman, John Robinson	1950	Fletcher, John Weld	1940
Alderman, Patric Graham	1961	Floreani, Robert Franco	1965
Andersen, Neville Paul	1962	Fox, John Henry	1895
Ashton, Edward James Wilberforce	1896	Fricke, Malcolm Swanson	1956
Ashton, Thomas Edward	1941	Gajewicz, Jerzy Jakob	1965
Astley, Michael John	1950	Gask, Richard Gerald	1968
Atkinson, Alfred Harris Owst	1900	Gelston, Hedley Kingrose	1914
Badger, Magnus	1918	Genders, Alexander Forbes	1949
Bakewell, William Kenneth	1908	Gibson, Reginald Mends	1923
Beerworth, William Carl	1932	Gifford, Alfred Silva Harrill	1919
Bennett, Henry Trevor	1949	Giles, Acland	1905
Bentley, Ronald Richard	1966	Gillman, Joseph Fisher	1921
Bills, Anthony McAusland	1967	Goldsworthy, Napier Lytton	1949
Borick, Susan Jacqueline	1968	Goldsworthy, Spencer Gordon	1916
Boucaut, Douglas le Rey	1927	Goldsworthy, William Beazley	1903
Boucaut, George Hiles	1906	Goode, David Russell	1949
Boucaut, Ian Penn	1930	Goode, Evan Anderson	1926
Brebner, Charles Ross	1953	Gordon, Leslie Kenneth	1947
Bright, William Stuart	1904	Grubb, Roy William	1949
Buttrose, Murray	1927	Gun, Anthony Townsend	1963
Came, Alfred George	1931	Gun, Clement Townsend	1920
Cheek, Reginald Heithersay	1921	Gun, John Townsend	1953
Ciberas, Stasys	1956	Gun, Lloyd Townsend	1949
Claridge, Philip James	1947	Hague, Percy	1897
Clark, John Osborne	1935	Haig, Douglas John	1968
Clarke, Gregory Ronald Alfred	1965	Hall, Robert Fishburn	1936
Clarke, Laurence Eric	1920	Halliday, Richard Craven	1968
Cleland, Peter Fullerton	1939	Hann, George Adrian	1966
Cleland, Thomas Erskine	1919	Harders, Clarence Waldemar	1943
Cocks, Arthur Wellesley	1936	Hardy, John Scott	1926
Collins, Dean Francis	1947	Harford, Basil Beverley	1928
Collison, Frank Lloyd	1926	Hargrave, Charles Townshend	1904
Colquhoun, Colin Roy	1928	Hargrave, Lancelot Morton Spiller	1921
Colton, Brian Desmond	1967	Harry, Richard Varley	1937
Coventry, Charles James	1911	Harry, Jonathan Romilly	1967
Cresswell, George Edwin	1929	Hay, Frederick Dean	1934
Cutlack, Peter Robert	1926	Hayward, Cedric Charlie	1923
Daly, Kevin Joseph	1943	Healy, Kevin John Bernard	1915
Davenport, Arthur Vernon	1916	Heseltine, Samuel Richard	1903
Davey, John Ryan	1938	Heuzenroeder, Rudolph Hermann	1913
Davey, Robert Shannon	1915	Heuzenroeder, William Ritter	1929
Davies, Cecil Ernest	1928	Hilton, Keith Denyer	1947
Davies, Dean Charles	1964	Hodby, Herbert Charles	1922
Davis, Raymond William	1934	Holland, George Harold	1920
Davison, John Hubert Hawdon	1908	Holland, William Corin	1909
Davoren, Michael Dominic	1940	Hollidge, Graeme Wyndham	1968
Davoren, Thomas Anthony Francis	1937	Homburg, Hermann	1896
Dawe, Reginald Stanley	1936	Homburg, John Hamilton	1939
Denny, William Joseph	1908	Homburg, Peter John	1964
Dow, Ian Baird	1949	Homburg, Renolf	1929
Edmunds, Keith Stacey	1937	Homburg, Robert	1897
English, John Arthur	1952	Humby, Rexton James	1943

Hunt, William Robert	1919	Pavy, Gordon Augustus	1924
Hutchison, Charles Vernon Stuart	1937	Pearce, Peter Sydney	1956
Innis, Kenneth Norman	1925	Pearson, Charles Mason	1917
Jacobs, Samuel Joshua	1946	Penna, Luigi	1965
James, Alfred Charles	1899	Penny, Bertram Stephens	1908
Jessup, George Aubrey	1933	Philcox, Claude Joseph Owen	1929
Johnson, James Howard	1900	Povey, Edward	1916
Johnston, Laurence Frederick John	1931	Power, Barry Patrick	1964
Jordan, David Wallace	1949	Power, Louis Bertrand	1937
Kearney, Beasley James William	1925	Puddy, Albert Forwood	1934
Keats, Frederick Phillips	1909	Pyne, William Ewart	1915
Kelly, Brian St. Leger	1964	Rankin, Henry Oliver Arthur	1912
Kennedy, Donald Angas	1904	Reed, Douglas	1940
Kerin, William Francis	1944	Reeves, Charles Wheatley	1924
Kinnane, Alexander John	1935	Regan, James William	1913
Kiosoglous, John Antoine	1964	Reid, Walter Gliddon	1909
Kirkman, Kenneth Hainsworth	1918	Reilly, Matthew Leonard	1939
Kitchen, Barrie	1965	Roberts, Donald Arthur	1912
Lake, Clement William Hingston	1907	Rollison, Gerald Dominic	1927
Leslie, John	1922	Rollison, William Alexander	1915
Lewis, John William	1967	Ronald, Stewart Douglas	1910
Lewis, Stanley Heathcote	1927	Rutter, George Lyall	1920
Little, Egbert Percy Graham	1898	Rymill, Arthur Campbell	1928
McCann, William Francis James	1925	Sampson, Joyce Holman	1952
McCarthy, James Crimeen Ellery	1925	Sanderson, Kenneth Francis Villiers	1918
McCarthy, Neil Douglas	1955	Scales, Philip George	1965
McEntee, Kevin Vincent	1931	Shepherd, Joseph Scoresby	1899
McEwin, George	1897	Shepherd, Scoresby Arthur	1957
McGee, Edward Patrick	1933	Smith, Frank Seymour	1914
McGee, John	1916	Smith, Francis Villeneuve	1906
Mackay, Alan Justin	1936	Smith, Francis Vyner	1960
Mackenzie, Charles Norman	1909	Smith, Paul Teesdale	1920
McLachlan, Ian	1932	Solomon, Helen Ethel	1933
McLay, Marshall John	1927	Solomons, Phillip Roland Nathan	1939
Magarey, Ashley Henderson	1932	Somerville, Archibald John	1952
Marshall, John	1951	Sowry, Peter Reginald	1960
Martin, Hugh Wallis	1920	Sparrow, Cyril Keith	1921
Martin, John Robert Day	1968	Steiner, Margaret	1967
Mathews, Llandaff Brisbane	1924	Stokes, Robert Francis	1938
Matulich, Ross Noel	1949	Sutherland, Allan James Lavis	1919
Mellor, James Corry	1949	Swan, William Alfred	1948
Mellor, Thomas Reginald	1915	Sweeney, John Grant	1915
Matson, Victor Charles	1945	Sykes, Howard de Pledge	1936
Menzies, Stewart Keith	1937	Tapley, Willis Wayte	1909
Michell, George Wilfrid	1920	Thiele, Dolek Henry	1965
Michell, John Elsome	1923	Treloar, James Leonard Sydney	1923
Millhouse, Vivian Rhodes	1925	Tucker, Reginald Mervyn	1915
Mills, Elliott Whitfield	1940	Vandenbergh, William John	1896
Mollison, Thomas	1928	Von Bertouch, Leopold	1920
Morris, Gronwy Lewis	1932	Von Doussa, Stanley Bowman	1901
Muirhead, Dennis Richard	1965	Von Doussa, William Louis	1924
Muirhead, Henry Mortimer	1909	Von Muenster, Egon Jenö Mario Nemesmonostory	1966
Mullighan, Edward Pictor	1962	Wald, Irving Dale	1923
Mutton, Carlyle Herbert	1938	Wallace, Anthony Verschuier	1960
Napier, Robert Mellis	1936	Wallace, James Angove	1961
Nesbit, Hubert Gordon Paris	1915	Wallace, Norman Verschuier	1920
Nesbit, Lancelot Julian	1925	Ward, Henry Torrens	1900
Nesbit, Reginald George	1900	Warren, Sydney John	1911
Newman, Douglas Ralph	1949	Weaver, Alfred Charles	1903
Newman, Lloyd Kingsley	1962	Webb, Beecher Noel	1930
Newman, Ralph Frederic	1921	Whimpress, Thomas Abraham	1934
Nicholls, Theodore Henry	1900	Wilkinson, John Maynard	1962
Nickolls, Peter Michael	1952	Williams, Dudley Charles Call	1946
Nitschke, Galva Dennis	1954	Williamson, James Aubrey	1925
Nuske, Sydney Gordon	1954	Worth, Frank Lindsey	1932
Odlum, Reginald Lance	1937	Wright, Sydney Charles Grenville	1923
O'Grady, Francis Ignatius	1939	Yelland, Dene Sturt	1930
Owen, William Frederick	1906	Young, Martin	1933
Parmanandam, Vijaya	1965	Ziesing, George Ignatius	1919
Pavy, Emily Dorothea, B.A.	1928		

ASSOCIATES AND DIPLOMA HOLDERS OF THE UNIVERSITY

ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond	1960	Bennett, Malcolm John Lloyd Strathmere	1965
Adams, Brian James	1965	Bennetts, Lloyd Neville	1963
Adams, Colin Travers	1962	Bentley, Christine Joy	1967
Adams, Ian Sorby	1959	Berg, Carlene Robin	1959
Adams, James Harold (surrendered 1964)	1961	Bernard, Dorothy Adele James	1958
Adams, Malcolm Thomas	1952	Berry, Christine (surrendered 1963)	1961
Adey, Kym Llewellyn	1966	Berry, Elizabeth-Anne	1962
Ahrens, Elsie Gladys (surrendered 1955)	1951	Best, Mary Irene (surrendered 1967)	1964
Aitchison, John William	1963	Biddle (nee Richards), Mary Elizabeth	1948
Alexander, Stuart Dixon	1952	Bidgood, Ean Cornelius	1967
Allard, Victor John	1965	Bieske, Elaine Alison, B.Sc.	1962
Allen, Mary Magdalene	1965	Billing, Elizabeth Margaret	1960
Anders, Beverley Margaret	1958	Bills, Barbara Alison	1959
Anderson, Welwood Leslie	1963	Bilske, Raymond James Robert	1966
Andrew, Russell	1960	Binns, Elizabeth Anne (surrendered 1967)	1965
Andrews, David Francis William	1948	Birks, Stuart Napier	1962
Andrews, Marie Ellen	1967	Black, Anne	1966
Andrews, Rosemary Alison	1953	Black, Jill	1959
Annels, Ross Maxwell	1965	Blacket, Muriel Kirin	1960
Appels, Louise	1966	Blackman, Donald Oliver	1964
Appleby, Jane Catherine	1966	Blake, Ronald	1961
Arbery, James Herbert (surrendered 1959)	1957	Blumson, Valerie Margaret	1967
Argyle, Barry	1954	Bonnett, Victor Walter Lincoln	1954
Armitage, Bessie Eleanor Mildred	1949	Boehm, Kaylene Mary	1960
Armitage, Janet Ironie	1966	Borlase, Jillian Enid	1966
Armour (nee O'Leary), Patricia (surrendered 1966)	1950	Bormann, Malcolm Carl	1959
Armstrong, Peter John	1964	Bosworth, Catherine Jean	1951
Arnold, Lea Catherine	1964	Bottomley, Rosemary	1967
Arthur, Kateryna	1965	Bourman, Robert Peter (surrendered 1967)	1960
Ashenden, Dean John (surrendered 1964)	1962	Bourne, Margaret Cornelius	1949
Ashenden, Edward Scott	1961	Bowden, Barrie Strathmore (surrendered 1966)	1965
Ashton, Walter Ray	1950	Bowden, Janet	1951
Aspinall, Nancie Jean	1951	Bowler, Mary	1949
Atkin, Jack Taylor	1955	Bown, Henry Theobald	1949
Aubert, Graham James	1958	Boyd, Clifford Herbert	1965
Auhl, Ian Leslie	1952	Boyd, Pamela Helen	1963
Aylesbury, Colleen Valma Grace	1959	Bradock, Leslie Gordon	1964
Baddams, Alfred William	1962	Braendler, John Edward (surrendered 1967)	1964
Bailey, Donald William	1956	Braham, Henry Arnold Collyer (surrendered 1959)	1949
Bais, Dennis Graham (surrendered 1966)	1959	Brand, Janice Margaret	1962
Bain, Barrington Walter	1960	Brand, Valerie Mildred	1960
Bain, Dean Rollo	1959	Brereton, Brian Edward	1965
Baird, Alexander William	1959	Brereton, Ray Ernest	1965
Baird, Rachel Mary	1949	Brideson, Colin Herbert (surrendered 1966)	1950
Baker, Brenton Rex	1967	Bridgland, Margot Elizabeth	1953
Baker, Brian Reginald	1962	Bright, Esther Hollidge	1960
Baker, Harvey Laurence	1950	Britton, Robert John (surrendered 1966)	1960
Baker, Marie Elisabeth	1966	Broadbent, Colin Lindsay	1964
Bald, Percy Melville	1964	Broadbent, Dean MacArthur	1965
Balfour-Ogilvy, David	1967	Brockhoff, Carol Faith	1960
Ballantyne, Christopher George Henry, B.Sc.	1966	Brockhouse, Brenton Fendley	1967
Ballingier, Marie Elizabeth (surrendered 1966)	1965	Brockhouse, Grant Lindley	1967
Baltrusaitis, Kas	1967	Brocksopp, John Ernest, LL.B.	1967
Banks, Jessie Mary	1962	Broderick, John Stephen	1967
Barclay, Barrey Ballington	1957	Brodie, Elizabeth Anne	1964
Barker, Leon James Frank	1952	Brooks, Mervyn Leslie, B.Sc.	1965
Barker, Nancy Elizabeth	1961	Brooks, Robert John	1966
Barr, Gweneth Janet	1957	Brooks, William Charles (surrendered 1967)	1963
Barr, Trevor Frank (surrendered 1966)	1961	Brown, Bruce Ambrose Hampson	1960
Barr, Trevor Marshall	1961	Brown, Kathryn Anne	1967
Barratt, Christopher Holland	1961	Brown, Norman (surrendered 1952)	1951
Barrett, Donovan Thomas (surrendered 1967)	1959	Brown, Patricia Lorraine	1958
Barrett, Wendy Joan	1964	Browne, Heather Mary	1967
Barry, Anne Madeleine	1963	Browne, Murray Collis	1966
Bartley, Helen Louise (surrendered 1962)	1959	Browne, Thomas Joseph	1966
Bartram, John Douglas	1962	Brownson, Janet	1967
Bastian, Elwin Scott (surrendered 1956)	1952	Bruggemann, Richard Norman	1966
Bauerochse, Thomas Robert George	1965	Bryans, Kathleen Nancy	1967
Bawden, Maxwell John	1958	Bryson, Margaret Elise (surrendered 1966)	1964
Baxter, Ladislaus Edward	1949	Buchanan, Nedra Maurine	1966
Bayly, Elizabeth	1948	Buick, William George (surrendered 1956)	1950
Beare, Lynden Day (surrendered 1960)	1955	Bull, Keith Charles	1962
Beare, Lynette Barbara	1959	Burchell, Heather Jane	1967
Beasley (nee Ford), Beverley	1958	Burfield, Gillian Elizabeth	1963
Beasley, Victor John (surrendered 1957)	1955	Burfield, Margaret Elizabeth	1956
Beaton, Kenneth Murray	1958	Burfield, Philip Allan (surrendered 1967)	1961
Beaty, Arnold Keith	1952	Burford, Lynette (surrendered 1966)	1965
Beaumont, Dorothy Mary	1963	Burgan, Owen Sylvester	1948
Beck, Judith Ann	1965	Burgan, Owen Thomas Sambell	1963
Becker, Roy Colin (surrendered 1965)	1959	Burger, Janette Ann	1958
Beckwith, Robert John	1966	Burley, Betty Ellanora Dawn	1951
Beer, Peter John	1961	Burnard, Charles Robert	1948
Beer, Robin Phillip	1965	Burns, Esther	1948
Beilby, Shirley May	1954	Burns, Robert Alexander	1951
Bell, Kenneth Robert	1961	Burrow, Joy Rosemary	1964
Bennett, Henry Russell	1948	Burrows, Natalie Joyleen (surrendered 1966)	1964
Bennett, Joan	1966		

Burton, Lorraine Anne	1961	Cooper, Rodger Keith	1966
Burville, Thomas George Theodore	1952	Coppock, Alfred Arthur	1950
Bury, Warren Richard (surrendered 1965)	1963	Coram, Allan James	1964
Butcher, Colin Sydney (surrendered 1967)	1951	Cordes, Cedric Murray	1964
Butler, Francis James	1948	Cornelius, Dorothy Clare	1962
Butler, Kenneth	1963	Correll, Meredith Anne	1962
Button, Trevor Martin	1966	Cosh, Patricia Elva	1966
Buttrose, Stroma	1951	Cotton, Clare Isabella	1961
Buxton, Gordon Leslie (surrendered 1962)	1955	Couch, Pamela Lyn Stacey	1963
Byerley, Ernest William	1963	Coulson, Rixende Edith Caroline	1965
Bywaters, Mary Barfield (surrendered 1965)	1951	Coulter, Frank (surrendered 1966)	1961
Cadd, Paul	1961	Court, Fay Esme (surrendered 1966)	1965
Cameron, John McFarlane	1966	Cousins, Georgena Millicent (surrendered 1966)	1949
Campbell, Barbara	1950	Couzner, Francis Keith	1966
Campbell, John Alexander	1966	Cowley, Lorine Joan	1952
Canning, Sesca Sunbeam	1960	Cox, Barbara Caroline	1962
Carle, Judith Anne	1959	Cox, Margaret Helen	1960
Carmichael, Barry Marshall (surrendered 1966)	1962	Cozens, Samuel Sydney	1963
Carmichael, Donald Ross (surrendered 1950)	1949	Crabb, Rex Arthur (surrendered 1967)	1965
Carpenter, Ivor Vernon	1961	Cracknell, Vernon John	1959
Carter, Janine	1967	Craddock, David John	1966
Carthew, Ross Ernest	1960	Crafter, Robert Roy, A.U.A. (Phys. Ed.)	1965
Casson, Peter Norman	1964	Crannaford, Barry John (surrendered 1966)	1963
Castine, Kathryn Vair	1965	Crick, Beverley Joan (surrendered 1967)	1963
Catchlove, Jeffrey Edward	1967	Crick, Pamela Anne	1960
Candle, Julie Christine (surrendered 1967)	1964	Crisp, Denis Olley	1966
Cavenett, Horace Clifford	1948	Crittenden, Margaret Ann	1965
Ceglar, Boris John	1967	Croft, Barry John	1966
Cerchez, Michael Stephen	1966	Croft, Frances Christine	1966
Chalklen, Dorothy Anne	1964	Cropley, William Haywood	1958
Chamberlain, Elizabeth Rose	1965	Cross, Jack (surrendered 1957)	1953
Chamberlain, Glen Jonathan	1965	Crotty, Margaret Audrey	1962
Chambers, William Bruce	1966	Crouch, Stuart Samuel	1956
Champion, Dorothea Hedwig	1958	Crowther, Frederick John	1963
Chandler, Douglas Norman	1951	Cunningham, Barry Joseph	1965
Chappel, Raylene Beatrice	1966	Cunningham, John Sydney	1962
Chappel, Shirley Joan (surrendered 1959)	1956	Cupples, Sylvia Joyce	1956
Chapman, Kathrine Mary	1962	Curran, Eileen Ann	1966
Chard, Geoffrey William Francis	1966	Curtis, Carol June (surrendered 1967)	1964
Charlesworth, George Harvey (surrendered 1953)	1950	Curtis, Colin Kingsley	1965
Charlesworth, Jennifer Joy (surrendered 1964)	1957	Dabars, Maris	1967
Charlesworth, Joan Ann	1954	Dadds, Brian James	1959
Chase, Allen John	1967	Dadliff, Amette Thelma (surrendered 1966)	1962
Chester, Leonard Raymond, B.Sc.	1967	Daenke, Eric	1948
Chettle, Alison Rosemary	1962	Dahl, James Oliver	1949
Childs, Garry Herbert (surrendered 1967)	1966	Daish, Marlene Anne	1965
Chinnick, Richard Lionel	1954	Daly, Kathleen Heather	1967
Chirgwin, Richard Joseph	1962	Dalzell, Josephine Nicholson (surrendered 1965)	1963
Chittleborough, Janet Mary	1965	Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.)	1962
Christopher, Glenys Joan	1963	Dangerfield, Graham Lance	1963
Cibich, Geoffrey Ronald	1967	Daniel, John Robert	1964
Cinzio, Aldo Guiseppe	1960	Daniels, Jeffrey Gordon	1965
Clancy, Peter Allan (surrendered 1962)	1953	Darby, Ruth Mary	1949
Clapp, Edwin Kenneth Hamilton	1960	Davey, Heather Jean	1967
Clark, John Stephen	1951	Davey, Kenneth Llewellyn James	1953
Clark, Marjorie Hilda (surrendered 1967)	1960	Davies, Christine Anne	1963
Clarke, Brian Russell, B.Sc.	1961	Davies, David Alwin (surrendered 1967)	1956
Clarke, Margaret Anne	1948	Davies, David William	1950
Clarke, Ruth Mary	1949	Davis, Brian	1949
Cleggett, Brenda Fay	1965	Davis, Christine Elizabeth	1965
Clements, John Wreford (surrendered 1963)	1958	Davis, Frederick Harry (surrendered 1955)	1954
Clezy, Alethe Kathleen	1956	Davis, Leo Robert	1963
Clifford, Joyleen May	1964	Davy, Alma Joan	1961
Clode, Jillan Fay	1966	Dawe, Jennifer Judith	1965
Cochrane, Heather Bernice	1954	Dawe, John Francis Ernest	1963
Coggins, Harold Douglas, B.Sc.	1954	Dawes, Walter Ernest (surrendered 1954)	1949
Coggins, Jean Evelyn	1961	Dayman, John Maxwell	1963
Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951	Dean, Daniel Frederick	1959
Coker, John Godfrey (surrendered 1967)	1954	Deer, Elsie Joan	1964
Colegate, Keith Meleng	1966	De Ionno, Maria	1966
Coleman, Mostyn John	1964	De Laine, Pamela Joy	1966
Coles, John Lawrence (surrendered 1967)	1962	Della-Putta, Bice	1964
Collins, Geraldine Ray	1961	Delsar, Frederick William	1949
Collins, Henry Angus	1959	Dempster, Beryl Joan (surrendered 1963)	1961
Collins, Patricia	1960	Dempster, Donald	1949
Combe, Christine Ruth	1967	Dening, Patricia Joan (surrendered 1958)	1956
Conley, Joanne Margaret	1967	Dent, Ronald Thomas Stewart	1952
Conley, Michael Joseph	1963	Dewar, David Gavin	1966
Connor, Maxine Sandra	1965	Dickinson, Gwladys Margaret	1958
Conroy, Frances Margaret	1966	Dillon, Gerald Alexander, B.A., B.T. (Calcutta)	1958
Considine, Thomas John	1950	Dillon, Neralie Anne (surrendered 1961)	1957
Conway, Brenton James	1966	Ding, Graham John	1961
Cook, Colin George	1951	Dinning, Neville Wayne	1967
Cook, Dorothea Joy	1961	Dixon, James Elmslie (surrendered 1966)	1957
Cook, Owen Gladstone	1951	Dobner, Coralie Ann	1959
Cook, Susan Marilyn	1967	Dobner, Frederick Jack Pozières	1956
Cookson, Brian James	1966	Dodd, Adrienne Lesley	1964
Coombs, Ruby Rachel	1953	Dodd, Josephine Joyce	1962

Dodd, Margaret Helen	1965	Flatman, Lawrence Paul	1967
Dodsworth, Ian Innes	1963	Fletcher, Diana Kay	1962
Dolling, Alison Mary	1960	Fliszar, Beatrix	1960
Dolensky, Winfried	1965	Flower, Richard Thomas	1963
Donaldson, Susan	1966	Floyd, Dennis Sinclair	1961
Donohoue, Irene	1965	Flynn, John Leslie	1966
Donohue, Keith Arthur	1965	Fopp, Brian Paul	1959
Doolan, David Angus	1966	Forde, Neville	1965
Dorman, Jean Alison	1951	Foweraker, Alma Muriel	1950
Dougherty, Ronald James	1963	Fowler, Ian Albert	1960
Douglas, John Robert (surrendered 1967)	1966	Fox, Patricia Anne	1967
Dowdell, Anne	1961	Francis, Lindsay Edward (surrendered 1967)	1961
Dowdy, Esmond Wayne	1967	Francisco, Marcella Maureen	1967
Dowley, David James	1965	Frank, Walter	1960
Dowley, Pamela Anne	1962	Franklin, Anthony Paul	1966
Downing, Frank Charles Richard	1964	Franks, Jean Margaret	1965
Drilling, Dean Anthony	1966	Fraser, John William	1963
Driver, Bruce Edwin	1952	Freidenfelds, Ieva	1961
Driver, Tess	1962	Fricker, Lourdes Victoria	1951
Driver (nee Nixon), Valerie Colinet (surrendered 1957)	1952	Friedrichs, Noel Carl	1952
Drogemuller, Jillian	1961	Frisby-Smith, Margaret Joylene	1966
Drummond, Susan Kay	1962	Fung, Yin Shin, Michael Matthew	1967
Duance, Raymond Veer	1965	Fuss, Patricia Joy	1959
Duell, Allen John	1951	Gage, Josephine Helen (surrendered 1966)	1958
Duff, Donald Ralph	1965	Gale, Milton Ewart	1956
Duffield, Allan Raymond	1961	Gallas, David Dalmain	1956
Duffield, David William	1966	Galle, Reginald Victor	1951
Duffield, John Richard	1963	Galvin, Patrick John (surrendered 1956)	1953
Dunbar, Harry Edward	1953	Garbutt, Mary	1954
Dunlop, Walter James (surrendered 1952)	1951	Gare, Dorothy Lomax	1958
Dunn, Karen Elizabeth	1967	Garrett, Karil Mary Faith (surrendered 1965)	1962
Dunstan, Allan Frederick	1961	Geekie, Ronald Gordon	1955
Dunstan, Arnold Edward Stanton	1948	Geering, Adrian Douglas (surrendered 1966)	1963
Dunstan, John Charles	1963	Gent, Alan Peter	1962
Dunstan, Leonore Winifred	1958	Gerhardy, Gordon John (surrendered 1962)	1956
Durdin, Dorothy Joan	1966	Gerken, Dieter Ernst	1963
Durham, Ashley Morton	1964	Germer, Brian John (surrendered 1967)	1965
Dutschke, Janice Joy	1965	Gerner, Gillian May	1962
Dyer, Frederick Stephen William	1955	Gersch, Helen Rexene	1964
Dyke, Thomas Spencer	1967	Gibbs, Alfred Lewis Burnand	1948
Dyster, Colin (surrendered 1964)	1958	Gibbs, Helen (surrendered 1966)	1962
Dyster, Thomas (surrendered 1953)	1949	Gibson, Helen Edith	1961
Earle, Marilyn May	1962	Gibson, Margaret Ann	1965
Easther, Robert Leslie	1967	Gibson, Pearl Sandra	1966
Eckermann, Norma Marie	1965	Giddings, Keith (surrendered 1962)	1957
Eckert, Lexley Frank, (surrendered 1966)	1951	Gidney, Maxine Florence	1958
Edge, Thomas George, A.U.A. (Phys.Ed.) (surrendered 1963)	1961	Gilbert, Marilyn Patricia	1967
Edmonds, Thomas James (surrendered 1963)	1956	Giles, James Ramsay	1951
Edwardes, Arthur Diedrich	1950	Gill, Lesley Margaret	1965
Eglinton, Helen Christine	1966	Gillies, Elizabeth Claire	1959
Ekins, William Gray	1955	Gladwell, John Neal Thomas	1963
Elliott, Raymond Alan	1967	Glazbrook, Evelyn Marshall	1958
Elliott, Rodney Gordon, (surrendered 1966)	1964	Glenn, Graham Gordon (surrendered 1958)	1954
Elmering, Ebba-Christiane	1965	Glover, Geoffrey Edward Harold	1951
England, Barbara Winsome (surrendered 1964)	1963	Glynn-Roe, Wilfrid Joseph	1948
Erlanger, Henriette	1962	Gobbett, Donald Lyon (surrendered 1962)	1960
Erskine, John Robert	1964	Godwin, Suzanne (surrendered 1962)	1960
Esselbach, Rodney (surrendered 1956)	1953	Golding, Edmond William (surrendered 1951)	1949
Evans, Ben Owen	1950	Goodall, Colin Charles	1966
Evans, Darrel Bruce	1964	Goode, Brian	1966
Evans, Kathleen Mary	1965	Goode, Joy Eleanor	1963
Evans, Malcolm Norman	1965	Gooden, Christabel Anne	1961
Evans, Peter	1953	Goodman, Geoffrey Thomas	1962
Evers, Josephine Anne, A.U.A. (Physical Education)	1967	Gordon, Bruce Rutherford (surrendered 1964)	1960
Fagan (nee Michael), Agnes Ruth	1955	Govier, Gerald Arthur	1963
Farmer, Geoffrey Arthur Jessop	1956	Gower, Charlie James (surrendered 1954)	1951
Farrant, Brian Sinclair	1965	Grachanin, George	1966
Farrow, Robert Murray (surrendered 1956)	1950	Graham, John Robert	1961
Fatchen, Winsome Genevieve	1963	Grave, Rosemary Anne	1956
Faull, James Francis (surrendered 1967)	1957	Gray, Ian Howard (surrendered 1965)	1962
Fechner, Ronald Kevin	1955	Grebneff, Antonina	1962
Fehlberg, Albrecht Joachim	1955	Green, Ian Edward Charles (surrendered 1963)	1949
Feinrel, Josephine Mary (surrendered 1962)	1958	Green, Keryl Margaret	1966
Fenwick, George William	1963	Crierson, Kenneth William	1965
Fenwick, Margaret Jean, A.U.A. (Phys.Ed.)	1961	Griffin, Margaret Elizabeth	1959
Fergusson, George Robert (surrendered 1953)	1948	Griffiths, Trevor Wayne	1965
Fewster, Ian Robert	1964	Grigg, Marilyn Jeanette	1961
Fielke, Robert John	1960	Crigg, Michael Liston	1959
Findlay, Anthony Robert Charles	1963	Guerin, Albert John	1965
Fisher, Allan Lance	1966	Guerin, Mary Eileen	1966
Fisher, Robert William	1965	Guerin, Robert	1950
Fitch, Nancy Jean	1949	Gunn, Catherine Mary	1966
Fitzgerald, Clarence Lindsay (surrendered 1952)	1949	Gunn, Donald Malcolm	1963
Fitzgerald, Peter Lawrie (surrendered 1967)	1963	Gunn, James Allan Baikie (surrendered 1959)	1957
Fitzpatrick, Kathleen Mary	1967	Gurry, David Cyril (surrendered 1964)	1960
		Guthrie, Helen Mary	1966
		Guthrie, Roberta Jean Elizabeth	1966
		Hack, Dianne Mary	1967
		Hackworth, Anne Elizabeth	1961
		Haese, Kevin Arthur	1955

Hagger, Brian Gordon	1963	Hodgson, Geoffrey Arthur (surrendered 1965)	1959
Hakendorf, Hansie St. Clair	1950	Hoffart, Heironymus Frank	1966
Halbert, John Arno, A.U.A. (Phys. Ed.)	1964	Hogarth, Thomas Arthur	1961
Hall, Alan Denis	1965	Hoile, Mervyn John	1957
Hall, Clifford Thomas Robert	1950	Holgate, John Malcolm	1967
Hall, Eryl Leone	1965	Holme, Leon Francis George	1966
Hall, Glenys Christine	1962	Holmes, Beryl Jestina	1963
Hall, Jillian Elizabeth Mary	1967	Holmes, Donald Ralph	1966
Hall, Marianne	1967	Holmes, Edwin Thomas	1957
Hall, Robert Arthur	1962	Holmes, Erica Joan	1963
Hallewell, Audrey Joan	1952	Holmes, Patricia Langley (surrendered 1958)	1954
Hallewell, Heather Mary	1961	Holt, John Robertson	1964
Halsey, Trevor Geoffrey (surrendered 1965)	1959	Holthouse, John Lawrence (surrendered 1966)	1962
Hamilton, Ian William	1964	Holthouse, Lindsay Charles	1966
Hammond, William David	1952	Holyoak, Janet Kay	1959
Hancock, Graham Allan	1965	Honan, Margaret Colette	1959
Hanks, Cynthia Rose	1959	Honey, John Woodville	1961
Hanley, Heather Mary	1962	Hood, Ralph	1960
Hanlon, Donald Ernest	1960	Hook, Lorraine Margaret	1966
Hanlon, Maureen Annette	1961	Hooper, Barbara Nellie	1957
Hann, Elizabeth Ralph	1966	Hooper, John Robert (surrendered 1959)	1956
Hannaford, Neville David, A.U.A. (Music)	1965	Hopgood, Donald Jack	1961
Hannaford, Shirley Hayler	1962	Horne, Leonard William, A.U.A. (Phys. Ed.)	1962
Hansen, Joyce Mae	1966	Horsnell, Keith Constant	1954
Hansen, Norman Victor (surrendered 1965)	1951	Horsnell, Maurice Robert Leslie	1963
Harden, Trevor John	1966	Horstmann, Elva Grace	1965
Harper, Brian Youl	1951	Horwood, John	1959
Harper, Jane	1967	Hosgood, Kathleen Gloria	1966
Harrington, Archie	1951	Hosking, Horace Geoffrey	1957
Harrington, Robert Ian	1961	Hosking, William Rex (surrendered 1958)	1951
Harrip, Elva Ray	1950	Hoskins, Beverley Anne	1963
Harris, Neville Dean	1962	Hossack, Lorraine Claire	1963
Harris, Suzanne Ruth	1966	Howell, William Ewart	1950
Harris, Victoria Mary	1967	Howlett, Eric Douglas	1958
Harris, Yvonne Margaret	1962	Howse, Brian Leonard	1964
Harrison, June Jacqueline	1956	Hudson, Nancy MacDonald	1954
Harrison, Marie Elizabeth (surrendered 1966)	1964	Hughes, John	1953
Harrison, Mary Elizabeth	1951	Hugo, Stanley John	1967
Harriss, Henry Thomas	1956	Hull, Iris Doreen	1966
Hart, Arthur Philip Clarendon	1948	Humphrey, Ruth Iris Marie, B.Sc.	1956
Hartley, Anne	1959	Humphreys, Minnie Rees	1960
Hartley, Barrie Clifford	1967	Humphries, Arthur Cecil George	1950
Harvey, Mary Mignon Owen (surrendered 1966)	1955	Humphries, Edna Jeanine	1951
Harvey, Robert Lindsay	1967	Humphries, Ralph (surrendered 1961)	1959
Haselgrove, Ashlea Patricia	1966	Humphrys, Walter Raymond (surrendered 1967)	1961
Haslam, Robert Alexander	1962	Hunter, Maureen Anne	1966
Hastwell, Nita Claire	1948	Hunwick, Margaret Anne (surrendered 1964)	1959
Hatwell, Judith Mary	1962	Hussey, Francis Leitch	1950
Hatwell, Neville (surrendered 1966)	1960	Hutchins, Robert John (surrendered 1967)	1961
Hawes, Gwynneth June	1952	Hutton, Walter William	1948
Hay, Nancy Evelyn	1952	Hutton, Malcolm Austin (surrendered 1963)	1958
Hayter, Wendy Mae	1963	Hynes, Gertrude Doreen	1955
Hayton, Beverley Judith	1966	Iiffe, Rosa Lorene	1954
Heading, Kaye	1963	Irrgang, Gladys Ruth	1967
Healy, Mary Myrtle	1960	Irving, Annetta Lindsay	1967
Heaslip, Jeffrey Gordon	1966	Jackson, Anne Margaret	1966
Hecker, Coral Gladys	1950	Jackson, Brian Murray	1966
Hefford, Ronald Keith (surrendered 1956)	1951	Jackson, Christine Denise	1966
Heinrich, Carolyn Anne	1960	Jackson, Esther Mary	1952
Heinrich, Harold Gordon (surrendered 1956)	1954	Jackson, John Kevin	1964
Hender, Noel Rex (surrendered 1966)	1965	Jackson, Murray Keith Wallace	1960
Hennessy, Gerald Francis	1963	Jackson, Peter Alexander (surrendered 1967)	1962
Henning, Bronwynne Christine (surrendered 1967)	1965	Jakobsen, Hugo (surrendered 1954)	1952
Henschke, Dennis Theodore	1966	James, Dianne Marie	1965
Heritage, Enid Helena (surrendered 1961)	1957	James, Richard Cecil (surrendered 1954)	1949
Herriman, Michael Lawrence (surrendered 1966)	1964	Jansen, Coralie Margaret	1965
Hewton, Martin Paul	1965	Jansen, Lesley	1965
Hewton, Terence Clement	1967	Jeffrey, Deidre	1960
Heyne, Ernst Bernhard	1960	Jeffs, Kathleen Ellinor	1948
Heysen, Pauline Sylvia	1967	Jellett, Suzanne	1963
Hicks, Deidre Marie (surrendered 1966)	1961	Jenkin, Graham Keith	1963
Hicks, Lancelot Fry	1951	Jenkin, Leonard Bee	1954
Higgs, Margaret Mary (surrendered 1967)	1959	Jenkin, Robert Haydon (surrendered 1962)	1953
Hill, Brian Heaton	1954	Jenkins, Merle Nona	1950
Hill, Jeanette Anne	1963	Jenner, Meryl Joan	1962
Hill, Mary Jean	1958	Jennings, Raelene Anne	1959
Hill, Victor Arthur	1952	Jervis, Lindsay Grainger	1967
Hillam, Malcolm David	1962	John, Evan William	1964
Hillier, Alister Westford	1957	Johns, Beryl Fay	1952
Hilton, Ruth	1958	Johns, David Colin	1965
Hines, John Charles	1964	Johns, Roger Kenneth	1961
Hinkly, Kenneth Paul	1960	Johnson, Graham Barry	1965
Hinxman, Robin	1963	Johnson, Ian Charles	1966
Hiskey, Juliana Mary (surrendered 1966)	1963	Johnson, Trevor Graham	1966
Hocking, Edward Bridgman	1951	Johnson, Yvonne May	1966
Hocking, James Whitfield	1964	Johnston, John Arcus	1959
Hocking, Lancelot James	1966	Jones, Helen Margaret	1953
Hodge, Brian Jack (surrendered 1964)	1963	Jones, Pamela Sandra (surrendered 1966)	1961
		Joppich, Oscar Edwin	1954
		Joyce, Pamela Beth	1956

Judd, James (surrendered 1954)	1950	Loxton, Valerie Jean	1959
Jury, Gay	1962	Lucas, William Thomas	1967
Kadow, Constance Evelyn	1960	Ludewig, Helen Paula	1965
Kahlbaum, Maxwell Robert	1960	Lunnay, Aubrey William	1952
Kain, Helen Rosalie	1966	Lyll, Margaret Mary	1954
Kalins, Reinis	1965	Lyon, Robert James	1965
Kane, Leo William (surrendered 1962)	1958	McCarthy, Anne Elizabeth	1967
Kappler, Stewart Garth	1954	McCartney, Josephine Mary	1965
Karutz, Eileen Dorothy	1963	McClaren, James Murray	1959
Kealley, Frank Shenstone (surrendered 1951)	1948	McGorman, Jill (surrendered 1966)	1965
Keane, Brian Bernard	1962	McCracken, Samuel Raymond	1951
Keane, Kenneth John	1951	McDonald, William George Harlowe	1948
Keane, Leonard William Ross	1966	McDowall, James (surrendered 1966)	1952
Kearney, Stanley John	1956	McElroy, Anthony Godfrey	1949
Keen, Judith Marilyn	1965	McElroy, Barrie Ivon (surrendered 1967)	1960
Kelley, William Brian (surrendered 1951)	1949	McElroy, Nancy Isabel	1967
Kelly, Julie Elizabeth	1962	McFarlane, Peter William (surrendered 1967)	1962
Kelly, Sheilaigh	1966	McGargill, Gordon Winstanley, A.U.A. (Phys.Ed.)	1961
Kemp, Mervyn Douglas (surrendered 1966)	1964	McGill, Ian Keith (surrendered 1956)	1955
Kennedy, Kathleen Joan	1965	MacGillivray, Leith Grant	1951
Kennedy, Margaret	1967	McGowran, Mary Lou	1965
Kennett, Keith Franklin (surrendered 1967)	1962	McGuire, Anthony (surrendered 1955)	1952
Kenny, Matthew Patrick	1965	McKenzie, Hector Malcolm	1948
Kenyon, Gladys Ruth	1964	McKenzie, John Oswald	1962
Kernode, Edward Adrian Wilson	1965	McKenzie, Judith Kaye	1967
Kernich, Norman	1962	McKie, Robert James	1966
Kesting, Norman Gustav	1951	McKinnon, Bruce John (surrendered 1964)	1959
Kibena, Aimi-Lethe	1958	McKinnon, Charles Richard	1951
Kidman, Meredith Jean	1967	McKinnon, Kenneth Richard	1952
Kiek, John Rollo	1965	McLay, Andrew Harold (surrendered 1953)	1950
Kieselbach, Patricia (surrendered 1961)	1959	McLean, Kathleen Alice	1963
Kimber, William Harold	1948	McLean, Ronald Sinclair Allen	1956
Kirke, Joan Mildred	1962	McLeod, Fiona Ellen	1961
Kissell, Thomas Alfred (surrendered 1954)	1950	McLeod, Murray Robert Love	1949
Kite, Robert Frederick	1965	McLiesh, Sandra Joan	1964
Kitto, Keith Olifent (surrendered 1965)	1959	McMahon, Francis (surrendered 1962)	1960
Klose, Delrene Mary	1963	McMahon, John Roger	1966
Klose, Edwin Francis, B.Sc.	1961	McNamara, Robert Patrick (surrendered 1967)	1963
Knight, John Michael (surrendered 1966)	1964	McNarama, Maurene Rita	1952
Knott, Kingsley Brian	1966	McPherson, John Roger (surrendered 1965)	1959
Kohler, Bryce Leonard Percival	1955	McRostie, Keith Henry	1950
Kohlhagen, Junette Frieda	1963	Mableson, Robert Kent	1967
Kountoupis, Evagelia	1961	Mader, Conrad Wilfred	1952
Kowald, Pamela Rosalie	1963	Madigan, Michele Frances	1965
Kowalik, Henry Michael	1964	Magnay, William Ralph	1952
Kraft, Patricia Mary	1959	Magor, William Alwyn Roy (surrendered 1963)	1959
Krieg, Terrence Brian	1959	Maguire, Catherine Rose (surrendered 1965)	1961
Krieg, Wendy Elizabeth	1966	Mahar, Alan Dalton (surrendered 1966)	1957
Kroehn, Joan Margaret	1951	Malcolm, Judith Anne	1967
Kubank, Judith Lesley	1961	Maloney, Terrence Bernard	1962
Kuningas, Mara	1965	Manhood, Cleve Charles (surrendered 1962)	1959
Laidlaw, Valerie	1956	Manser, William Lloyd (surrendered 1962)	1959
1954)	1951	Mansfield, Richard Charles (surrendered 1966)	1951
Lambert, Thomas Wesley	1966	Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954
Lamborne, Maxwell Addison (surrendered)		Manuel, Peter James (surrendered 1966)	1964
Lamacraft, Kenneth Ronald Ross (surrendered 1953)	1949	Maple, Alexander Montrose	1948
Lang, Peter Barry	1964	Marker, Lois Beatrice	1954
Lang, Richard Percy	1966	Marks, Trevor John	1966
Langford, Peter Angas (surrendered 1964)	1960	Marmach, Tania	1963
Lansford, Irene Eltham	1949	Marnham, Raelene Dawn, A.U.A. (Phys.Ed.)	1966
Lapthorne, Robert Ingersoll, A.U.A. (Phys. Ed.) (surrendered 1967)	1963	Marsh, Douglas Stanton	1959
Larner, Carolyn Miriam	1964	Marsh, Jessamy Joan	1962
Laslett, Barbara Rose	1952	Marsh, William Clarence (surrendered 1966)	1951
Laslett, Rosalie Elisabeth	1963	Marshall, William Edward (surrendered 1967)	1960
Lavskis, Peter Vidvud	1964	Martin, Barbara Rose	1964
Lawrence, Henry Robert	1963	Martin, George Stanley (surrendered 1966)	1960
Lawson, Joy Rosemary	1956	Martin, Ian Albert	1965
Lawton, Patricia Leone	1964	Martin, John Paul	1966
Laycock, Richard Allen	1965	Martin, John William (surrendered 1964)	1950
Leak, Brian Hedley (surrendered 1954)	1952	Martin, Lesley Meredith (surrendered 1961)	1960
Lean, Elizabeth Anne	1964	Maskrey, Esther Edith	1963
Leaver, Joelle Batten	1964	Mason, Neil (surrendered 1965)	1962
LeCorno, Colin George (surrendered 1954)	1951	Masters, Bernard Lavinia (surrendered 1959)	1956
Lee, John Malcolm (surrendered 1967)	1959	Masters, John Clive	1949
Leibie, Albert Lawrence (surrendered 1966)	1952	Materne, Gilbert John	1966
Leigh, Kathleen Lavinia Anne	1951	Mathews, Rae Elizabeth	1961
Lemke, Mollie Aileen	1958	Mathews, Graham Ramsay (surrendered 1966)	1960
Le Page, Ronald Alfred (surrendered 1966)	1965	Matthews, Margaret Joy	1959
Letcher, John Robert	1964	Matto, Anna	1966
Lewis, Margaret Jennie	1964	Maurice, Kay	1959
Littlejohns, Arthur Vernon	1966	Mausolf, Jack	1954
Lloyd, Douglas Edwin (surrendered 1966)	1962	Mausolf, Wallace	1951
Lock, Dorothy Marie Jeanne (surrendered 1954)	1950	Mawet, Jacqueline (surrendered 1966)	1961
Lodge, John Kenneth Hyde (surrendered 1957)	1953	Mau, Desmond Peter	1963
Longbottom, Maxwell Ernest (surrendered 1962)	1953	May, John Miners	1962
Love, Robert Stewart	1948		
Lovelock, Marion Joy	1965		

Mayer (nee Hentschke), Margaret Ruth	1954	Obst, Margaret Grace	1960
Meath, William John	1960	O'Callaghan, Basil Charles (surrendered 1966)	1957
Medlin, Helen Raelene	1961	O'Callaghan, Gerald Anthony	1954
Medson, Albert Reginald	1956	O'Connell, Geraldine Mary (surrendered 1962)	1953
Mellor, Peter James	1966	O'Connor, Thomas James (surrendered 1962)	1960
Menz, Sandra Kaye	1967	O'Donnell, Noeline Claire	1956
Michell, Cynthia Helen	1963	Olssen, Kevin Harry	1966
Michell, David James, B.D. (London)	1960	O'Neil, Marguerite (surrendered 1949)	1948
Michelmores, Roland Symons	1948	Opie, Roderick Preston (surrendered 1959)	1953
Mickan, Wendy Loraine	1961	Organ, Alan John	1962
Middleton, Gaynor Denise Olive	1959	Osborne, Alfred Barry	1964
Millar, Joan Valerie	1961	Oster, Barry Charles	1966
Miller, Kay Leslie	1966	Ottens, Lois Veronica	1957
Milne, Alan Stewart	1965	Paar, Arthur Peter	1957
Milner, Leslie Laurence	1963	Paasuke, Henno (surrendered 1967)	1953
Milway, Russell Henry Oliver	1949	Paech, Reginald Norman	1964
Mincham, Veto Hans	1961	Paevere, Eva	1965
Minns, William Alfred	1959	Page, Helen Claire (surrendered 1964)	1962
Mitchell, Dianne Margaret	1965	Page, Pamela	1966
Mitchell, Nancy Jean	1959	Page, Ronald Allan	1963
Mitchell, William Ian	1966	Paice, William Osborne (surrendered 1953)	1950
Moat, Milton Donald	1959	Palm, Daphne Alexandra	1959
Molde, Trevor Alexander	1963	Palmer, Dexter Carl (surrendered 1967)	1966
Moody, Robin Charles (surrendered 1967)	1964	Palmer, Rachel Dawn	1950
Moore, Eric Claude	1953	Palmer, Reginald Ernest (surrendered 1967)	1961
Morcom, Mary Elizabeth	1964	Palmer, Ronald Elliott	1966
Morris, Denby Lloyd	1965	Papaelia, Emanuel Leo	1962
Morris, Maxwell Arthur (surrendered 1966)	1966	Parish, Vanessa Margaret Scott (surrendered 1965)	1961
Morris, Rosemary Dawn	1963	Parker, Amy Irene	1963
Morrison, John Colin	1953	Parkes, Roy Frederick Walter	1948
Mortimer, Munro Robertson	1961	Parkinson, Peggy	1959
Mortlock, Ian Philip	1965	Parrott, Mark	1967
Mott, Kathleen Margaret	1967	Partington, David John Guthrie	1965
Moule, Helen Rosemary	1963	Passell, Judith Christina	1958
Moule, Jefferson David	1967	Paterson, Robert George (surrendered 1958)	1952
Moule, Ronald	1966	Patterson, Conrad Brenton (surrendered 1961)	1959
Moyle, William George Chittleborough	1961	Patterson, Frank Brenton	1948
Mudge, Alfred Clarence	1952	Patterson, Reginald Lindsay (surrendered 1965)	1959
Mugford, Eric Kenwyn (surrendered 1964)	1959	Pattullo, Elizabeth Mary (surrendered 1964)	1962
Muller, Edda Karin	1965	Pavia, Grant Robert, A.U.A. (Physical Education)	1967
Muller, Peter Hans Erich	1967	Payne, Jean Patricia	1960
Mulraney, Leslie Patrick	1950	Payne, Jennifer May (surrendered 1966)	1962
Mundy, Robert Reginald Peter	1951	Payne, Mary Ethel	1961
Munt, Anne Josephine	1966	Payne, Rosamund Marie	1957
Murchland, Mildred Emily	1949	Paynter, June Anita	1963
Murchland, William Byrne (surrendered 1967)	1957	Peake, Archibald John	1950
Murphy, Deirdre Mary (surrendered 1965)	1960	Pearce, Alfred Moreton (surrendered 1951)	1949
Murray, Beryl Margaret	1957	Pearce, Brian Godfrey (surrendered 1962)	1961
Murray, Heather Jean	1953	Pearce, Edwin Lovell	1952
Murrie, Dornice Edith (surrendered 1967)	1965	Pearce, Nancy	1952
Murrie, Elizabeth Leroy (surrendered 1964)	1954	Pearce, Trevor Lovell	1961
Murrie, John Douglas	1955	Pearce, William	1952
Nancarrow, Brian James (surrendered 1967)	1964	Pearce, William John	1962
Nancarrow, Ethel Rosalie	1961	Pearson, Kevin William	1966
Nankivell, Isobel Mabel	1958	Pederson, Lorraine Mary	1963
Nankivell, Valmai Dawn	1964	Pederson, Martin John (surrendered 1966)	1959
Nankivell, Wesley Robert	1961	Pein, Dagmar	1967
Naroway, Peter Kinsford	1964	Peljo, Kalle (surrendered 1967)	1964
Natt, Geoffrey	1950	Penna, Murray Arthur	1959
Neale, Warren William Martin	1965	Pennicott, Ralph William	1948
Nelson, Pamela Rosemary	1956	Penny, Betty Lorraine Mary	1955
Neuke, Eric Eugene	1958	Penny, John Stephen	1966
Newbold, Beverley Joan	1959	Penny, Roger Stephen (surrendered 1966)	1961
Newell, Edward Richard Ireland (surrendered 1967)	1954	Peters, Carolyn Merle	1965
Nicol, Gary John (surrendered 1965)	1962	Peters (nee Rooney), Kathleen	1948
Nicol, Jillian Lorraine	1967	Pettigrew, John Cramer	1966
Nicol, Peter Barry (surrendered 1966)	1961	Pfitzner, Renate Lottie	1956
Nicolai, Judith Elizabeth (surrendered 1966)	1962	Phillips, Barrie John	1966
Nimon, Michael Hyman	1961	Phillips, Christopher Robert	1965
Ninnes, Alan Herbert, B.Sc. (surrendered 1965)	1961	Phillips, Ronald Osborn	1950
Nitschke, Burnard Eric	1965	Philp, Stanley Percival	1964
Nitschke, Erna Gertrude	1954	Pickering, Barbara Jean	1961
Nitschke, Kevin John	1966	Pickering, Eric	1954
Noble, Alan, A.U.A. (Phys. Ed.)	1965	Pierson, Robert Arthur (surrendered 1954)	1953
Noblet, Max Hadden (surrendered 1957)	1952	Pike, Rodney Grahame	1964
Noblett, Mignon Ruth	1965	Pinder, Claude Jack (surrendered 1966)	1960
Noon, David Lyon (surrendered 1952)	1948	Pitman, David Arthur Alfred (surrendered 1966)	1962
Norman, Jacob	1952	Pitman, Hartley Kenneth	1953
Norman, Peter John	1963	Playfair, Noel Angus	1951
Norris, Beth Christine	1963	Plumridge, Sheila Grace (surrendered 1967)	1962
Norton, Mary Alice	1949	Pohl, John, A.U.A. (Physical Education)	1967
Nottle, Geoffrey Edward (surrendered 1956)	1953	Poke, Alison Rae	1953
Noye, Brian John	1961	Poland, Y'vonne Carol	1963
Nunan, Douglas Stephen	1951	Pole, Audrey Elizabeth (surrendered 1956)	1951
Nuud, Helga (surrendered 1966)	1965	Polglase, David Llewellyn (surrendered 1967)	1959
Oakey, Jennifer Mary	1964	Polkinghorne, Heather Mary	1949
Oakley, Hannah Rosalie	1954		
Oborn, Herbert Russell	1948		

Pollusaar, Tiit Anu (surrendered 1966) -	1964	Ryan, John Leo - - - - -	1958
Poole, Jean Kinloch, A.U.A. (Phys. Ed.) -	1964	Ryan, John Michael - - - - -	1967
Pope, Geoffrey Weston, B.Sc. (surrendered 1967) -	1965	Sage, Harold Robert (surrendered 1953) -	1950
Pope, Gwenyth Constance (surrendered 1966) -	1963	Saint, Bryce Wesley - - - - -	1960
Porter, Jane Elizabeth - - - - -	1960	Sander, Elaine Joy - - - - -	1966
Potter, Rosemary June - - - - -	1963	Sanderson, Dorothea Leonore - - - - -	1960
Potts, Florence Marlene - - - - -	1956	Sanderson, Lesley Christine - - - - -	1965
Pratt, Aubrey Ronald - - - - -	1952	Sandery, Adrian Arthur - - - - -	1966
Prentice, Josephine Ann - - - - -	1962	Sando, Clarice Melva (surrendered 1955) -	1950
Price, Trafford Conor, B.Sc. - - - - -	1962	Sando, Rosemary Ann - - - - -	1961
Pride, Robert Glen - - - - -	1966	Saunders, Alan Caley - - - - -	1954
Priskryl, Jiri - - - - -	1966	Schafer, Ruth - - - - -	1960
Prima, Inne-Lee (surrendered 1965) -	1961	Schedlich, Barbara Kaye - - - - -	1963
Pritchard, John Bernard - - - - -	1966	Scheer, Kevin Bruce - - - - -	1964
Pritchard, Susan Frances - - - - -	1966	Schenk, Irena - - - - -	1966
Punke, Gerald Brandon - - - - -	1962	Schiller, John Maurice - - - - -	1965
Purves, John Laurie - - - - -	1962	Schiller, Keith Douglas - - - - -	1960
Quarmby, Rosemary Leo - - - - -	1964	Schiller, Marcus Benjamin - - - - -	1959
Quigley, Brian Maxwell (surrendered 1965) -	1960	Schmidt, Peter John - - - - -	1966
Quigley, Francis James Leo (surrendered 1967) -	1950	Schmidt, Robert Dennis - - - - -	1965
Quirk (nee Sykes), Helen Marian (surrendered 1951) -	1949	Schnetz (nee Harrison), Ruth Olive - - - - -	1950
Rabone, Jeffrey Clement - - - - -	1967	Schrapel, Stephanie Ellen - - - - -	1965
Rabone, Judith Anne - - - - -	1962	Schuller, Ruth Doreen - - - - -	1954
Radawiec, Irene - - - - -	1966	Schultz, Roland Felix (surrendered 1964) -	1961
Raison, Max Victor - - - - -	1956	Schultz, Roydon Donald, B.Sc. - - - - -	1959
Ramsay-Matthews, Jean - - - - -	1953	Schulz, Clifford Rupert - - - - -	1953
Ratz, Vija - - - - -	1964	Schumacher, Mavis Noreen (surrendered 1963) -	1960
Ravestyn, Cornelis - - - - -	1965	Schunke, Robert John - - - - -	1967
Raymond, Colin Maxwell - - - - -	1964	Schuster, Charles Frederick Robert (surrendered 1967) -	1964
Read, Clarence Percy (surrendered 1959) -	1949	Schuster, Valerie Fay - - - - -	1960
Redin, Lewis Charles (surrendered 1956) -	1951	Schwarz, Dawn Petrinella - - - - -	1963
Redman, Jessie Adelaide - - - - -	1951	Schwerdt, Pauline Anne - - - - -	1965
Redman, Warren James - - - - -	1965	Scott, Christine Mary Byron - - - - -	1960
Redstone, Frank (surrendered 1957) -	1949	Scrivanich, Antonia - - - - -	1966
Reed, John Tweedie Thornton (surrendered 1967) -	1966	Scroop, Katherine Gordon - - - - -	1966
Reilly, Edward Joseph - - - - -	1966	Sealey, Jillian Muriel (surrendered 1965) -	1961
Reimann, Wilfred Harold - - - - -	1960	Searle, Geoffrey - - - - -	1965
Reincke, Kevin - - - - -	1950	Searle, Vera Katherine - - - - -	1953
Rendell, Rosemary Anne - - - - -	1953	Semler, June Lorraine - - - - -	1960
Resek, Marietta (surrendered 1964) -	1959	Seward, Catherine Anne (surrendered 1967) -	1962
Richards, Glenys Maisie Barns, A.U.A. (Social Science) -	1967	Sexton, Anthony Patrick - - - - -	1964
Richards, John Veal - - - - -	1967	Sharman, Eileen Winifred - - - - -	1965
Richards, Lesley Anne - - - - -	1964	Sharp, Heather Ellen - - - - -	1960
Richards, Martin Clyde - - - - -	1952	Sharpe, John Graham (surrendered 1967) -	1966
Richardson, Lindley Gay - - - - -	1962	Sharrad, Gilbert Rex - - - - -	1961
Ridgway, Philippa Mary (surrendered 1967) -	1959	Shearer, Helen Dianne - - - - -	1965
Ried, Helen Isobel - - - - -	1964	Shekleton, Peter Reginald (surrendered 1957) -	1951
Rieger, Wilfred George - - - - -	1966	Shepherd, Jennifer Anne - - - - -	1967
Roberts, Marcia Anne (surrendered 1963) -	1960	Sheppard, David Roland - - - - -	1957
Roberts, Owen David - - - - -	1949	Shiell, Trevor John - - - - -	1963
Roberts, Philip Edward - - - - -	1965	Shinkfield, Anthony James (surrendered 1955) -	1954
Roberts (nee Ey), Sheila Margaret (surrendered 1959) -	1950	Shorne, Priscilla Jane - - - - -	1967
Robins, Robert William (surrendered 1966) -	1962	Shrowder, Elizabeth Christine - - - - -	1962
Robinson, Erroll Harry Crosby (surrendered 1967) -	1963	Sibly, Brenton Reeves - - - - -	1965
Robinson, Kay Ellen - - - - -	1964	Sim, Jennifer Margaret - - - - -	1962
Rogers, Janyce Irene - - - - -	1963	Simon, John Gary, B.Sc. - - - - -	1966
Rogers, John Vernon - - - - -	1965	Simper, Douglas Alan, B.Mus. - - - - -	1967
Rogers, Roma Emma - - - - -	1951	Simmonds, Allan Frederick (surrendered 1967) -	1958
Rogers, Ruth Nellie (surrendered 1955) -	1951	Simpson, Brenda Mary - - - - -	1956
Rohde, Norman John - - - - -	1964	Sinclair, Alison Mary - - - - -	1960
Roocke, Mestyn John - - - - -	1961	Singh, Ruth Elizabeth - - - - -	1963
Rose, Margaret Elizabeth - - - - -	1966	Siviour, Clyde Randall - - - - -	1966
Rosenberg, Norman Murray - - - - -	1967	Siviour, John Vincent - - - - -	1963
Rosenboom, Hans John - - - - -	1967	Skilins, Aija Mara - - - - -	1965
Rosenthal, Murray Cyril - - - - -	1959	Skewes, Trevor John - - - - -	1967
Rosevear, Richard James - - - - -	1966	Skinner, Avenel - - - - -	1965
Rosie, Jessie Pearce - - - - -	1966	Sladden, Richard Glenn, A.U.A. (Phys. Ed.) -	1965
Ross, Lorraine Evelyn - - - - -	1962	Slater, Robert Campbell - - - - -	1967
Routley, Peter Herbert - - - - -	1955	Slaughter, Terence Davoren (surrendered 1967) -	1963
Rowe, Rex Norman - - - - -	1950	Smale, Thomas Charles (surrendered 1950) -	1949
Rowe, James William - - - - -	1965	Small, Marlene Brenda (surrendered 1967) -	1966
Rowell, George Douglas Fairbairn - - - - -	1949	Smith, Alexander Graham - - - - -	1962
Rowell, Peter Francis - - - - -	1964	Smith, Allen Clyde - - - - -	1957
Rowett, John Charles Thomas - - - - -	1966	Smith, Ashley Mary - - - - -	1958
Rowland, Roma Joy - - - - -	1954	Smith, Betty Lorna - - - - -	1963
Ruciak, Leon - - - - -	1963	Smith, Charles Bruce Powell (surrendered 1965) -	1959
Rudolph, Gerald Alfred - - - - -	1951	Smith, Colin Jeffrey - - - - -	1964
Rumball, Judith Anne - - - - -	1965	Smith, Constance Ethel - - - - -	1950
Rumpf, Sally Anne (surrendered 1962) -	1961	Smith, Cynthia Vivienne - - - - -	1957
Rudiger, Malcolm Milton (surrendered 1954) -	1950	Smith, David Arthur - - - - -	1964
Russell, Lester David - - - - -	1960	Smith, Donald Alfred - - - - -	1965
Russell, Peter John (surrendered 1967) -	1963	Smith, Donald Powell - - - - -	1952
Russell, Peter McGregor - - - - -	1965	Smith, Doris Elizabeth - - - - -	1951
Ryan, Carol Anne - - - - -	1965	Smith, Graham Frank - - - - -	1961
		Smith, Gweneth Ruth - - - - -	1956
		Smith, Helen Christine - - - - -	1963
		Smith, Ivan Ford (surrendered 1953) - - - - -	1949

Smith, Ivan Percival - - - - -	1963	Thompson, John Charles - - - - -	1964
Smith, Janice Kaye - - - - -	1964	Thompson, Malcolm Denis - - - - -	1964
Smith, Joan Beverley (surrendered 1967)	1963	Thompson, Neil (surrendered 1966)	1961
Smith, John Henry (surrendered 1959)	1950	Thompson, Robin Leon - - - - -	1965
Smith, Margaret Joan - - - - -	1954	Thomson, Eunice Ann - - - - -	1955
Smith, Maxwell John (surrendered 1966)	1953	Thomson, June Marie - - - - -	1956
Smith, Milton Geoffrey - - - - -	1963	Thornley, Peter John - - - - -	1964
Smith, Patrick Edward - - - - -	1964	Thornton, Desmond Michael - - - - -	1963
Smith, Raymond Thomas, B.Sc. - - - - -	1966	Thyer, Carolyn Jill - - - - -	1966
Smith, Reginald John Wayne - - - - -	1950	Tidswell, Helen Joy - - - - -	1963
Smith, Richmal - - - - -	1957	Tilbrook, Graham David - - - - -	1958
Smith, Sylvester - - - - -	1948	Tilbrook, Jeffrey Ian - - - - -	1962
Smyth, Elaine Cleveland - - - - -	1966	Till, Patricia Dell - - - - -	1952
Smythe, Betty Marion Flora (surrendered 1967)	1962	Tindall, Mildred Florence - - - - -	1950
Snigg, Janice Helene - - - - -	1957	Toole, Dorothy Anne - - - - -	1964
Souter, Warwick - - - - -	1966	Torr, Alison Ruth - - - - -	1950
Speck, Robyn Kay - - - - -	1966	Trainer, Denise Margaret - - - - -	1957
Spence, Alena Beverley - - - - -	1962	Trapnell, John Courtenay - - - - -	1952
Spence, Colin Everett (surrendered 1958)	1952	Travers, Thomas Edward - - - - -	1948
Spence, Jeanette Graham (surrendered 1967)	1966	Treagus, Edward Mervyn, A.U.A. (Phys. Ed.)	1962
Spier, David Lindsay, A.U.A. (Phys.Ed.) (surrendered 1967)	1966	Treblecock, David (surrendered 1964)	1953
Spratt, Marlene Joyce - - - - -	1965	Treblecock, Donald Ray (surrendered 1967)	1960
Stace, Robert Glennon - - - - -	1966	Tregilgas, Francis Everleigh - - - - -	1952
Stacy, Keith Roy Sheppard (surrendered 1967)	1962	Tribbeck, Sharon Gaye - - - - -	1966
Staggs, Valerie Marie Allan - - - - -	1963	Trowse, Helen Hayward (surrendered 1965)	1954
Staiff, James Elliot - - - - -	1961	Trudinger, June Stirling - - - - -	1949
Standen, Judith Anne - - - - -	1964	Trueman, John Clayton - - - - -	1962
Stanelis, Ivars Anis - - - - -	1964	Tscharke, Margaret Helen - - - - -	1962
Stanford, Brian Kenneth - - - - -	1964	Tuck, Robert Clyde - - - - -	1962
Stanley, Mary Jane Harrington - - - - -	1959	Tucker, Alison Maud - - - - -	1966
Stanley, Raymond John - - - - -	1952	Tucker, Robert (surrendered 1961)	1956
Stapleton, John L. Slie - - - - -	1964	Tucker, Walter - - - - -	1960
Starr, William Ernest - - - - -	1966	Tuckfield, Brian Douglas - - - - -	1965
Steinle, John Richard (surrendered 1958)	1952	Tulloch, David Gerald (surrendered 1965)	1952
Steinle, Joyce Margaret - - - - -	1960	Turnbull, Robert Keith - - - - -	1965
Stephens, Judith Clark - - - - -	1962	Turner, Joan Harcourt - - - - -	1964
Stenson, Peter John - - - - -	1956	Turner, John Anthony (surrendered 1966)	1955
Sterck, Paulus Henricus Sebastian - - - - -	1966	Turner, William Howard Batley - - - - -	1948
Stevens, Glen Donald - - - - -	1965	Twartz, Clement Wilford (surrendered 1966)	1959
Stevens, Lawrence Stanley - - - - -	1961	Tyrrill, Barbara Joan - - - - -	1959
Stevens, Lyndall Audrey Carolyn - - - - -	1967	Underdown, Reginald Edward, M.Sc. - - - - -	1959
Stewart, Alan James - - - - -	1967	Underwood, Anne Mary - - - - -	1964
Stewart, Jill Denise - - - - -	1959	Van Velsen, Carolyn Marie, A.U.A. (Phys.Ed.) (surrendered 1966)	1962
Stewart, Peter McKenzie Gibson (surrendered 1967)	1954	Vaughan, Matthew Ferdinand - - - - -	1950
Stillier, Margaret Dorothy (surrendered 1967)	1964	Vautier-Moll, Helen - - - - -	1962
Stiller, Graham Eric - - - - -	1966	Verrall, Derek Oakley - - - - -	1964
Stocker, Reginald Henry - - - - -	1953	Verrall, Spencer Sydney - - - - -	1967
Stokes, Alfred Hamley Herbert - - - - -	1963	Verwoert, David Lynn - - - - -	1967
Stone, Grace Elizabeth - - - - -	1963	Vilmanis, Biruta Regina, A.U.A. (Phys.Ed.)	1966
Stone, Ronald Alexander - - - - -	1958	Vince, Penton John - - - - -	1966
Stone, Victor Oxford (surrendered 1967)	1953	Vogelsang, Arthur Ernst - - - - -	1950
Storck, Margaret Joyce - - - - -	1960	Von Kolpakow, Andrej - - - - -	1967
Stratford, Denis Lon - - - - -	1961	Wachtel, Heinrich Lenhart - - - - -	1948
Stroud, Valerie Anne (surrendered 1967)	1966	Wait, Robert Noel - - - - -	1965
Stunell, Robert James - - - - -	1963	Wakefield, Pauline - - - - -	1965
Styles, Colin Ross - - - - -	1958	Waldie, John Leonard - - - - -	1967
Such, John Roland - - - - -	1966	Walding, Kay Rosslyn - - - - -	1963
Sudrabs, Maruta (surrendered 1967)	1966	Walker, Alan Philip (surrendered 1961)	1958
Summerton, Alvin Paul - - - - -	1964	Walker, Marjory Clare - - - - -	1965
Sutton, Kerry Charles - - - - -	1966	Walker, Marjorie Jean - - - - -	1960
Swincer, David Arthur - - - - -	1965	Wallace, Francis Joseph - - - - -	1948
Sylov, Barbara Elizabeth Ruth - - - - -	1960	Wallbridge, Beryl Elsa - - - - -	1958
Symonds, Rosalyn Mary - - - - -	1960	Wallbridge, Leslie Walter - - - - -	1956
Tabor, Barbara (surrendered 1962)	1950	Walters, Graham Edward - - - - -	1962
Taplin, Roger Eaton, B.Sc. - - - - -	1963	Walton, Sydney Malcolm - - - - -	1961
Tapley, Stuart Edward - - - - -	1966	Ward, Brian John - - - - -	1958
Tassell, Helen May (surrendered 1967)	1966	Ward, Gwennyth Lillian - - - - -	1964
Tattersall, Laurence Oswald - - - - -	1965	Ward, June (surrendered 1967)	1963
Taylor, Anthea Kathleen - - - - -	1966	Ward, Kathryn Elizabeth - - - - -	1967
Taylor, Beatrice May - - - - -	1948	Ward, Robert Louis Hawthorne - - - - -	1967
Taylor, Brian John (surrendered 1967)	1963	Wardle, Allen - - - - -	1952
Taylor, Charmaine Cynthia, A.U.A. (Phys.Ed.)	1966	Warland, Avis Mary - - - - -	1959
Taylor, Douglas McLeod (surrendered 1951)	1950	Warren, Sally Jacqueline - - - - -	1965
Taylor, Roger John - - - - -	1964	Watkins, Pamela Kathleen - - - - -	1960
Teakle, Brian Robert - - - - -	1967	Watson, Darrelle Ina - - - - -	1961
Teakle, Elizabeth Anne - - - - -	1966	Watson, Ian Morse (surrendered 1964)	1960
Theobald, Howard Wesley - - - - -	1948	Watts, Peter William - - - - -	1965
Thiele, Dorothy Margaret - - - - -	1965	Waye, Dorene Anne - - - - -	1959
Thiele, Keith Geoffrey - - - - -	1964	Weaver, Douglas - - - - -	1965
Thiele, Rhonda Gladys - - - - -	1966	Webb, Helen Jean - - - - -	1965
Thomas, Elaine Joan - - - - -	1963	Webbe, Robin Phillip Pascoe - - - - -	1960
Thomas, Linley Fay - - - - -	1952	Webber, Antoinette Louise - - - - -	1965
Thomas, Patricia Fay - - - - -	1958	Webber, Ian James - - - - -	1953
Thomas, Ann Margaret - - - - -	1960	Webber, Muriel Esme Jill (surrendered 1957)	1952
Thompson, Diane Joy (surrendered 1967)	1966	Webster, Judith Marion - - - - -	1963
Thompson, Eric Albert - - - - -	1961	Wedding, Gordon Mervyn - - - - -	1954
Thompson, Frank Howard (surrendered 1955)	1951	Wegener, Charles William - - - - -	1962
Thompson, Iris Maude - - - - -	1952	Wegener, Malcolm Eric (surrendered 1966)	1963
		Weinert, Kayleen Sylvia - - - - -	1967
		Welke, Margaret Rose - - - - -	1956

Weller, Pamela Margaret	1968	Willson, Ian Barry	1967
Wellington, Donald Blair	1966	Wilson, Sallie	1959
Wellington, Douglas Erwin	1950	Wilson, Francis Patrick	1948
Wells, Patricia Anne	1966	Wilson, Gwendolyn Moore	1950
Wells, Peter Alexander, A.U.A. (Phys.Ed.)	1966	Wilson, Hélène Rosemary	1964
Wendelborn, Lawrence Cyril (surrendered 1962)	1959	Wilson, Marlene Janice	1959
Were, Keith Francis	1958	Wilson, Mary Jean	1967
West, George Graham	1948	Wilson, Wendy Ronayne	1965
Westhoff, Susanne Mary	1966	Winter, Maxwell Hugh (surrendered 1966)	1957
Westley, Kevin John, A.U.A. (Physical Education)	1967	Wishart, Barry John	1967
Wheatland, William Stanley	1960	Wissell, Robert Allan	1961
White, Alvan	1964	Wohlfarth, Joanna Emily Therese	1958
White, Emily Alice	1953	Woithe, Francis Arnold	1951
White, Kenneth Peter	1967	Wollaston, Pamela Jill	1956
Whitford, Cheryl Anne	1964	Wood, Eric William Hadley	1951
Whittington, Ann-Marie	1965	Wood, Garry Leonard	1964
Whittington, Anthony Frank (surrendered 1967)	1964	Wood, John Frederick	1965
Whitmore, Joan (surrendered 1965)	1959	Wood, William Robert	1966
Wickes, Jennifer Anne	1966	Woodards, Eva Norma Cherrington	1949
Wiencke, Christine Joy	1964	Woodrow, John Templer	1965
Wiese, Ivo Ray	1951	Woods, Bryan John	1966
Wieser, Othmar Heinrich Jakob (surrendered 1962)	1959	Woods, Donald Peter	1951
Wiesner, Beverly Ann	1959	Woods, Rosamond Erica	1957
Wigney, Ronald John	1966	Woolcott, Henry Mark (surrendered 1966)	1965
Wilde, Peter Barry	1966	Woolley, Jillian Heather	1967
Wiley, John Arthur (surrendered 1967)	1961	Wright, David Andrew	1962
Wiley, Mary Ruth (surrendered 1966)	1959	Wright, Florence Maude	1953
Wilkinson, Stewart Rex (surrendered 1950)	1948	Wright, Robert Keith McGregor	1961
Wilksch, Lois Ruth	1958	Wright, Rosslyn Mary	1965
Williams, Brian Arthur	1965	Wurst, Marlene Betty	1961
Williams, Claremont Maxwell Douglas	1964	Wyatt, Patricia Anne	1961
Williams, Janet Ruth	1967	Wynne, William Robins	1962
Williams, Rosemary Claire	1961	Yeend, Geoffrey Ronald	1966
Williams, Ruth Jacqueline	1949	Yeulet, June Rosalind	1967
Williams, William Allan	1961	Young, Donald Lindsay	1952
Williamson, Beth England	1949	Young, Joan Margaret (surrendered 1964)	1952
Williamson, Catherine Patricia, A.U.A. (Phys. Ed. (surrendered 1963))	1962	Young, Timothy Gerald	1963
		Zeven, Lance Herbert	1964
		Zimmermann, Diana Wendy	1956
		Zoerner, Robert John	1951
		Zwar, John David, A.U.A. (Phys.Ed.)	1966
		Zweck, Eleanor Margaret	1961

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Cheek, Alan Carvosso	1929
Adamson, Myrtle Gwendoline	1918	Cheek, Muriel Elizabeth	1900
Alexander, Mary Vera	1917	Christiansen, Desmond James	1968
Allgrove, Beatrice Jane	1951	Cilento, Gladys Muriel West	1913
Anderson, Jean	1936	Clevery, Diane	1963
Andrew, Una Lois	1915	Cockburn, Julia Evelyn	1930
Ashton, Kathleen Anne	1935	Colebatch, Frances Désirée (Surrendered 1967)	1965
Attwell, Edna Marie	1918	Coleman, Rosemary Ann	1955
Badenoch, Constance Mary	1921	Collins, Ella Mary	1916
Bampton, Alfred John	1915	Collins, Yensie Margaret	1937
Barbour, Dorothy Jean	1928	Commane, Teresa Audrey	1938
Barnden, Vina Melba	1933	Coonan, Mary Madeline	1955
Barry, Margaret Mary	1927	Coonan, Rita Norlean	1919
Basedow, Ivy Marie	1912	Coumbe, Hurtle Harold	1912
Bates, Edgar Clarence	1929	Counter, Beryl Cole	1924
Baulderstone, Clarice Moore	1923	Cowan, Diana Jean	1960
Betcher, Lila Margaret	1955	Cozens, Vida Victoria	1928
Bice, Brenda Mae	1957	Craig, Margaret Heather	1955
Biezaitis, Mara Sandra, (surrendered 1966)	1965	Crampton, Daisy Myrtle	1945
Black, Edward William	1923	Cresswell, Muriel Blanche Lillecrapp	1925
Booth, Jean Marie	1941	Cronin, Alice Elsie	1937
Bowen, Gordon Melville	1935	Curry, Shirley-Anne	1955
Brand, Marguerite Mary	1958	Daenke, Dorothy Lucy	1929
Brindal, Ellen Grace	1922	d'Arcy-Irvine, Alice Bond	1913
Brixius, Rotraud Annelie	1965	Davy, Rubia Claudia Emily	1903
Brooks, Doreen Mavis	1940	Day, Florence Muriel	1913
Brooks, Merle Olive	1942	Dick, Pauline May	1950
Brown, Kathleen Mary	1917	Dix, Jessica Laura	1928
Bruggeman, Martha Dorothy	1904	Edwards, Herbert Percival	1922
Burnard, David Alexander	1925	Ekers, Theodora Allman	1930
Butcher, Rosalie Anne	1963	Ellis, Maureen Elizabeth	1965
Buxton, Ruth Dorothea (Surrendered 1967)	1966	Evans, Bert	1913
Byrne, Mary Teresa	1927	Ewing, Violet Emily	1958
Cadd, Hartley Blair Hogarth	1951	Ey, Kathleen Elsie	1938
Cann, Melvyn Roy	1962	Feuchtersleben, Ilona Kathleen	1964
Carmichael, Doris Darby	1923	Finch, Laura Evelyn	1932
Catt, Shirley Pearson Clifford	1938	Finnis, Catherine Meredith	1965
Chapman, John Pearce	1958	Fisher, Helena Catherine	1924
Chappell, Glenys Melba	1961	Flaherty, Annie Josephine	1907
Chappel, Phyllis Harvey	1924	Foale, Harold Robert	1925
Chatterton, Brian William (Surrendered 1967)	1965	Francis, Bessie	1925
		Francis, Violet Leone	1929

Freeman, Ivy Gwendolen McLeod	1931	Macpherson, Margaret Webster	1957
Gallasch, David Russel	1957	Mallon, Alice Mary	1923
Gallasch, Wendy Anne	1966	Manning, Hilda Mahala	1902
(Surrendered 1967)		Marker, Lois Beatrice	1951
Gard, Harold John	1918	Marrett, Hannah Olive	1926
Gehling, Ronda Beryl	1940	Martin, Thelma Dorothy	1917
Gersch, Paul Johannis	1954	Matters, Arnold Hatherleigh	1926
Geyer, Clem August	1922	Mayfield, Vera Selina Gwendoline	1927
Giles, Allan Leonard	1949	Mead, Janet Carolyn	1959
Gill, Hilda Beatrice	1918	Mears, Kathleen Devenish	1955
Gillespie, Jean Katherin	1937	Meegan, Alice	1922
Glatz, Laurina Ruby	1929	Meegan, Kathleen Mary	1917
Gmeiner, Clarice Haidee Beatrice	1924	Merchant, David John	1952
Goss, Lucy Vera	1909	Mewkill, Paula Mary	1915
Goyder, Patricia	1937	Mills, Gene Louise	1950
Grange, Marilyn Lyle	1962	Mincham, Julian Hans, B.A.	1964
Gray, Lorna Dorothy	1950	Mitchell Elizabeth Anne	1956
Gray, Marylouise	1957	Morley, Evelyn Mabel	1925
Griffiths, George Townsend	1914	Morton, Mary Ruth	1931
Griggs, Arden Michael	1957	Murray, Joan	1954
Groth, Fred	1929	Marroway, Peter Kingsford	1951
Grosser, Eileen May	1924	Naylor, Ruth Winnifred	1924
Gunning, Shelley Anne Stannus	1958	Norman, Jean Margaret	1928
Gurner, Ruth Eleanor	1962	Nurton, Judith Kay	1964
Hackett-Jones, Rosemary Frances, B.A.	1964	Oldham, Dorothy	1914
Hakendorf, Carmel Mary	1947	Paddon, Una Margery	1920
Haese, Beth Theodora	1940	Paley, Clifford Arnold, B.A.	1941
Hales, Malcolm Roy	1948	Palmer, Ethel Rose	1918
Hancock, Mary Frewin	1928	Palmer, Judith Anne	1955
Hannaforth, Neville David	1964	Parham, Marlene Marie	1955
Hantke, Ethel Hilda Hedwig	1902	Parkinson, Charlotte Ethel Violet	1901
Hartmann, Sonia Annette	1960	Pascoe, Philippa Mary	1947
Harvey, Faith Fairbank	1943	Pearson, Kathleen Crawford	1923
Hearne, Janice Lesley	1962	Penalurick, Lola	1921
Heck, Judith Anne	1958	Perkins, Horace James	1926
Henry, Gladys Amy Thelma	1926	Perkins, Marie Pauline	1948
Hine, Clytie May	1908	Perry, Margaret Fay	1950
Hoche, Edith	1908	Phipps, Charlotte Lucy Barkwell	1905
Hodge, Geraldine Janice	1964	Pitcher, Alison Claire	1962
Hogon, Eileen Margaret	1917	Porter, James Lincoln	1957
Holder, Alison Joyce	1938	Potter, Malcolm Frederick	1963
Holman, Frank Reginald	1919	Prince, Jean Florence	1921
Holmes, Patricia Langley	1948	Prince, Muriel Marjory	1923
Hooker, George	1945	Puddy, Betty Froome	1931
Horgan, Lillian Veronica	1936	Puddy, Maude Mary	1900
Hounsell, Marjorie Nora Drew	1938	Pyne, Tryphena Grace	1918
Howard, Winnifred Jean	1917	Quick, Alison Rae	1960
Hunwick, Christine Mary	1964	Reed, Rosemary	1964
Hurn, Mavis Lacey	1926	Reimann, Hilda Marie	1912
Hyde, Miriam Beatrice	1928	Reimann, Leta Edith	1932
Ingham, Myrtle Lavinia	1916	Renou, Jean Lois	1923
Jacobs, Doreen Miriam	1938	Riedel, Melita Wanda	1918
James, Doris	1912	Roach, Mary Moyle	1910
James, Vida Margretta	1917	Roberts, Winifred Sophie	1911
Johnson, Julie Fay Lindsay	1964	Robinson, Mary Patricia	1935
Jones, Lewis La Vence	1919	Rofe, Joyce Newton	1933
Joyce, Kate	1904	Rose, Doreen Elaine	1964
Kartomi, Margaret Joy	1961	Rowe, Deirdre Millstead	1963
Keen, Lilian Guard	1920	Rowe, Elsie Maud	1919
Kemp, Francis Joseph Edmund	1928	Rowe, Florence Nellie	1914
Kemp, Marion Kirkwood	1903	Rozelaar, Marie	1960
Kermode, Merrowyn May	1961	Rudemann, Elsa Wilhelmine	1903
King, Margaret Jessica Esme	1956	Sansom, Joyce Mary	1940
Kinmont, Rosamond	1924	Sara, Lily Emmaline	1916
Klose, Patricia Mary	1950	Sayers, Alice Mabel	1901
Knabe, Anne Norman	1966	Scammell, Ethelwyn	1910
(Surrendered 1967)		Schramm, Kathryn	1954
Kneebone, Joan Adelaide Cavell	1938	Schwerdt, Madeleine Yvonne	1964
Knowling, Gwenda	1952	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Kollosche, Samuel	1910	Shapley, Dorothy Alice	1939
Lakin, Angela Mary	1963	Shephard, Beatrice Joan	1935
Lambert, Margaret Ann	1960	Shipway, Margaret Elizabeth	1953
Langford, Joan	1952	Short, John Thomas Gordon	1907
Lawton, Josephine Margaret	1956	Siggs, Meredith Lillian	1961
Lee, Marjorie Freda	1926	Simcock, Hilda May	1917
Leonard, Mary Joselyn	1956	Simpson, Anne	1965
Letcher, Leonie	1966	Sinclair, Jean Lily	1924
Levy, Juliette Isabelle Hinde	1961	Slee, John Stevens	1952
Leyland, Coralie Eleanor	1967	Smith, David Aitchison	1960
Lindh, Carlene Margaret	1958	Smith, Imelda Catherine	1930
Litchfield, Jean Rainsbury	1926	Smith, Margaret Joan	1950
Lodge, Elizabeth Florence Cranston	1953	Solomon, Betty	1930
Luxton, Jean Estcourt	1952	Spehr, Francesca	1901
McDermid, Neil Harvey	1956	Spriggs, Harriet Rosetta	1919
McDonald, Marjorie Jean	1962	Stoneman, Doreen	1921
McGrath, Constance Cecily	1926	Stoneman, Olivia Charlotte	1930
McGregor, Dorothy Mary	1930	Summers, Phyllis Harvey	1930
McKinnon, Clara Elizabeth	1942	Swincer, Patty	1948
McLaughlin, Eric Enstone	1926	Symon, Elizabeth Jean	1959
McMahon, Mary Carmel	1955	Taylor, Gladys Leslie	1908
		Taylor, Jean Rosabelle	1926

Terry, Athalie May	1960	Wallmann, Beatrice May	1909
Thomas, Sylvia Caroline Curtis	1921	Walsh, Lillian May	1926
Thrush, Annie Vera	1915	Warnecke, Mary Isabel	1954
Tidemann, Ernest Phillips	1927	Watts, Mollie Louisa	1930
Tobin, Ashleigh Hambridge, Mus.Bac.	1965	Webb, Irene Margaret Thomson	1926
Tonkin, Phyllis Anna	1923	Wesley Smith, John Jeremy	1961
Tosolini, Palmira Rose	1951	Whillas, Helen May	1901
Treloar, Fay	1957	White, Elizabeth Alice	1953
Trenerry, Thora	1944	Whittington, Clytie Myrtle	1917
Tuck, Joyce Edith	1940	Whittington, Sylvia Muriel	1911
Tuck, Vivien Margaret	1934	Wibberley, Brian	1908
Tunks, Flora Marion	1931	Wiebusch, Adele Maria Dorothea	1924
Vardon, Daisy	1914	Williams, Daisy	1929
Verco, Alison Martha	1950	Williams, John Alexander	1925
Verco, Gladys Kathleen	1928	Williams, Mervyn Ewart Lancelot	1924
Vick, Lloyd Winston	1937	Williamson, Arthur Burton	1908
Virgo, Jean Ysobell	1934	Wollaston, Margaret Thirlmere	1941
Virgo, Violet Myra	1919	Wordie, Ada Winifred	1918
Wall, Myrtle Trilby	1917	Zeven, Aila	1922

ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Brauer, Warren Richard	1965
Abraham, Monica	1962	Brett, Jack Nethersole	1938
Adey, Ronald Lawrence	1962	Brewster, Cora Elaine	1948
Aitken, Graham Francis	1966	Brice, Robert Hosking	1954
Ali, Dean Roger	1963	Broad, Lionel Hugh	1943
Altschwager, Donald Arthur	1965	Broadbent, Frank Brooker	1957
Amato, Pantaleo	1964	Brockbank, Robert Penno	1967
Anderson, Alexander Keith	1964	Brougham, Robert Joffre	1940
Anderson, Gwendoline Eva	1947	Brown, Donald Thomas	1956
Anderson, Ronald Alexander	1944	Brown, Leonard William	1958
Andrews, Erson Leonard	1939	Brown, Peter Hackett	1959
Andrews, Graeme Arthur John	1965	Brown, Ronald Emanuel	1944
Angel, Kevin Reginald	1964	Buik, Donald Andrew John	1954
Angelos, John	1967	Burge, Donald Raymond	1961
Ardill, David Anthony	1953	Burge, Raymond Henry	1936
Argall, Philip John Tadd	1958	Burns, John Vernon	1956
Arkininstall, Heather Claire	1967	Butler, Richard James	1954
Arnold, Grace Elizabeth	1965	Byrne, Ashley John	1959
Atkins, Josephine Anne Tyrrell	1964	Byrnes, Reginald Phillip	1960
Babidge, Ian Charles	1963	Cacas, Don George	1958
Bahnish, Noel	1945	Cacas, James George	1956
Bailey, Geoffrey Reginald	1948	Callaghan, Maxwell John	1951
Bajer, Leonid	1958	Callaghan, Roy Hugh	1948
Bajorunas, Andrius	1957	Campbell, Margaret Diane	1956
Baldo, Brian Angelo	1961	Carlier, Ellis Gladstone	1951
Ball, Gerald Benjamin	1953	Carnie, John Alfred	1950
Ball, Peter Growden	1955	Carrig, Ian Lindsay	1966
Bannister, Neil Prescott	1956	Caught, James Gardiner	1935
Barclay, Elizabeth Mollie	1962	Cavanagh, Robert Edwin	1936
Bardolph, Donald Harold	1952	Cawte, Brian Vincent	1957
Bardolph, June Mary	1954	Cesato, Guido Ferdinando	1959
Barkey, Ronnie Joseph	1967	Challen, Robert Geoffrey	1966
Barnett, Anne Patricia	1962	Chapman, Avis Carol	1952
Barnes, Donald Stalley	1947	Cheek, Harold Dudley	1939
Barnes, Herb	1944	Cheek, Robert	1953
Barter, John Fenton	1966	Chesney, Robert George	1955
Bartold, Geoffrey Paul	1947	Chodowski, Samuel Mendel	1941
Bassett, Murray Maxwell	1948	Christie, Alan James	1966
Bassham, Ian Glen	1962	Clampett, Richard Blackmore	1956
Baxendale, John Lewis	1964	Clancy, Ross Percival	1945
Bayly, Peter John	1962	Clark, Arthur Wellesley	1934
Bazeley, William Joseph	1945	Clarke, Trevor Keith	1945
Beaty, Edward William	1954	Clarke, Vinrace Lisle	1936
Beckinsale, Ronald Herbert	1949	Clarke, William Graham	1947
Beilby, Jack Canavan	1947	Clota, Patricia Mary	1961
Bennett, Judith Ann	1959	Coates, Kenneth Rex	1967
Bennett, Mary Elizabeth	1965	Cock, Alexander Geoffrey	1959
Bentley, Alan	1937	Cocks, David Gordon	1956
Bentley, Deryck Edward	1947	Cole, Beverley Joan	1964
Bertram, John Stanley	1957	Coleman, Ronald George	1947
Bessell, Raymond Leonard	1959	Coles, Herbert Desmond	1953
Billing, Robert Heaton	1953	Collins, Suzanne Mary Lee	1965
Bilyk, Sophia Sonia	1966	Combe, Gaynor Jeanette Florence	1962
Bishop, David Edwin Pemberton	1959	Conigrave, Michael Clement	1959
Bishop, Ronald Lancelot	1951	Connell, Myles Patrick	1949
Bishop, William Victor	1949	Cooper, Nancy Marina	1956
Blanks, William Bennett	1957	Coorey, Brian Norman	1950
Booker, David Michael	1960	Cornish, John Neil	1956
Booth, Thomas Sheldon	1937	Cosgrove, Peter Brian Anthony	1957
Boston, Christine	1966	Cosh, David Glynn	1966
Bourne, John Wallace	1943	Coultas, Ronald John	1950
Bowen, Frederick Lloyd	1939	Cox, Peter John	1951
Bowey, Allan Edgar	1938	Cracknell, John James	1953
Brady, Michael Ignatius	1954	Crafter, Kenneth Charles	1938
Branson, Robert Rolling	1937	Crago, Reginald Allen	1951
		Craig, Lloyd Albert	1941

Craigie, Peter George	1966	Gartrell, Roger	1936
Craigie, William Leslie	1962	Caunt, Norman William	1934
Crawford, Robert John	1966	Geekie, Jacqueline	1966
Croft, Mary Ellen	1954	Gelezkov, Mary	1961
Crowhurst, John Anthony	1965	George, Humphrey Edward	1958
Crowley, Frank Noah	1953	George, Lewis John William	1963
Curnow, Thomas Martin	1942	Gerard, Nancy Joy	1955
Currie, Robert John	1950	Gerken, Hans Juergen	1962
Cushway, Albert Len	1954	Gibson, Elaine Emmalene	1957
Dahl, Margaret Eunice	1960	Gibson, Lynette	1965
Daniell, Ross Wilfrid	1938	Gilbert, Glenn John	1961
Darwin, Lloyd Edwin	1943	Gilbert, Harold William	1947
Davies, Christopher Brian	1967	Giles, Howard William	1959
Davies, Jonathan	1953	Gill, Trevor Wayne	1961
Davis, John Lloyd	1953	Gillespie, Keith Herbert	1939
de Brenni, Jules	1944	Claros, James Arthur	1961
de Waard, Pieter Carl	1955	Glastonbury, Kevin Brian	1955
Del Fabbro, Jennifer Fay	1965	Goldsack, Glen Ronald	1957
Dent, Althea Ada Lorraine	1953	Gooley, Ian Milton	1966
Dixon, John Miller	1953	Goscombe, David Bevan	1952
Djurasevich, Danny	1966	Gould, Ashton Noye	1968
Doe, Alwyn Gilbert	1951	Graham, Francis Chapple	1931
Doecke, Jillian Eleanor	1961	Grimes, Charles Lindsay	1952
Dolman, John George	1951	Crist, Robert Hocart	1951
Donaldson, Kevin James	1959	Grooby, John David	1951
Donaldson, Trevor John	1966	Grove, William Murray	1939
Donohue, John Sylvestre	1957	Grummet, Philip Hodgson	1956
Dowding, Ruth Elma	1948	Gryst, Helen	1948
Dowling, Kevin Raymond	1966	Gryst, Peter Mervyn	1943
Downie, Sydney Andrae	1940	Gryst, Ross Edward	1952
Drake, Peter Richard	1954	Guthrie, John Vincent	1948
Draysey, Trevor Charles	1967	Gwynne, Robert Frank	1935
Driscoll, Ian Harland	1965	Haddad, Alick Peter	1958
Ducker, Murray Edward	1960	Haddy, Kenneth Ian	1955
Duggin, Ivan James	1956	Hall, Graeme Edward Smith	1963
Duncan, John Davidson	1950	Hall, Helen Ruth	1963
Dundon, Laurence James	1942	Hall, Thelma Dorothy	1937
Dundon, Noel Francis	1949	Hammatt, Edwin Laurence	1948
Dunstan, Julie Anne	1963	Hammond, Joy Dorrita	1955
Dunstone, Kenneth William Thomas	1943	Hancock, Avrill Isabell	1963
Dyer, Geoffrey Thomas	1965	Hanna, Robert Andrew	1951
Eckersley, Malcolm Russell	1939	Hardwick, Bernice	1949
Edgar, Judith	1964	Hardy, Stuart Edward	1936
Edgecombe, Edwin David	1965	Harnett, Gilbert Barry	1955
Edwards, Brian John	1960	Harrison, Warren George	1959
Egar, Paul Gerard	1949	Harvey, Marie Jeanne	1956
Elix, Robert Hugo	1935	Hawson, William Francis	1952
Entwistle, John	1947	Hay, Andrew Robert	1964
Evans, Anthony Greig	1945	Hayter, Bruce William	1951
Evans, Margaret Ann	1956	Hayter, Glenys Joy	1966
Evely, Roderick Harding	1938	Hearn, Walter Joseph	1945
Everett, John Kingsley	1953	Hedger, Brian	1965
Ey, William Theodor	1937	Heint, Eduard Evald	1956
Farley, Donald Charles	1955	Helier, Roger Stanley	1960
Farmer, Swithin William	1959	Hemmings, Thomas Prior	1945
Feist, Colin Sydney	1957	Hennessy, Claude Harold	1940
Fenn, Donald George	1950	Hennessy, Ian Nicolson	1955
Fewings, Margaret Anne	1963	Hennoste, Märt	1960
Field, Arthur Blackiston	1942	Hession, John Eric Martin	1941
Fisher, Robert Hilson	1942	Hewitt, Rosslyn Jayne	1959
Fitch, Rosalind Claire	1964	Hibble, Ross Ernest	1950
Fitzgerald, Ian Thomas Francis	1957	Higgins, Gordon Leslie	1949
Fitzgerald, Robert John	1940	Hill, Dudley Clarke	1950
Fitzroy, Helen Eugene	1965	Hillman, Eric Anthony	1954
Flaherty, Howard Norman	1947	Hodgson, Alan David	1956
Fleer, Eric Donald	1952	Hogben, Patricia Annette	1966
Fleetwood, Robert James	1965	Holder, Reuben Clement	1953
Fletcher, Herbert Ross	1962	Holds, Herbert John	1964
Fletcher, Raymond Frank	1961	Hole, Ronald	1952
Flood, Harry Brougham	1951	Holland, Bernard Dominic	1964
Flood, John Warden	1953	Holland, Bernard John	1952
Flower, Alexander McKinnon	1958	Holmes, Leon Francis	1960
Folkert, Marina	1957	Hopewell, Edward Wallace	1951
Foreman, Kevin John	1960	Hoskin, Philip Joseph	1966
Forward, Ann Patricia	1966	Hosking, Allen Edwin	1934
Francis, Deidre Jean	1967	Huber, Waldemar Richard	1957
Francis, Robert Leonard	1950	Hudson, Warren Mervyn	1964
Fraser, Wallace	1950	Hulbert, Russell George	1938
Frazer, Kenneth John	1952	Humble, William Gilbert	1954
Frearson, Harold Thomas	1939	Humphrys, Arnold Clarence John	1951
Freeman, Colin Charles	1944	Hunt, Laurence August	1953
Freeman, John Christian	1943	Hurford, Margaret Ruth	1966
Fricke, Yvonne June	1954	Hutchins, Ross	1942
Frost, Natalie June	1966	Huxtable, Colin Stanley	1948
Fry, Gavan John	1963	Huxtable, Kenneth Clarence George	1949
Funder, Eileen Mary	1935	Hyde, Donald John	1960
Gambell, Dennis Charles	1964	Ingerson, Graham Alexander	1963
Gameau, John Lewis	1936	Jackson, John William	1957
Ganley, Margaret Anne	1964	Jacobs, Ian Cecil	1967
Garrett, Philip Douglas	1953	Jacobs, Philip Arthur	1952
Garrod, John Raymond	1966	Jeffrey, John Leigh	1956

Jeffs, Percival Lancelot	1938	McNeil, Keith Albert	1950
Jelfs, John Robert	1958	MacQueen, David Dugald	1952
Jelfs, William Lawrence	1965	MacRae, George Brown	1933
Jenner, Helen Muriel	1959	Madigan, Haydn John	1956
John, Clarence Gilmore	1948	Magarey, James Allan	1967
Johnson, John Kenneth	1950	Maine, John Evans	1955
Johnson, Keith Douglas	1941	Makin, Harry Arnold	1942
Johnson, Leonard	1945	Maloney, Barbara Lillian	1960
Johnson, Owen Royce	1956	Maloney, Denise Minetta	1956
Johnston, Edwin John McCallum	1938	Maloney, Peter Robert Gryst	1956
Johnston, Michael John	1962	Maloney, Terence John	1958
Jolly, Andrew Stanley Dickson	1967	Malpas, Cecil Egerton	1945
Jolly, Norman Dickson	1939	Manhire, Donald Walter	1955
Jones, Douglas Perry	1950	Manning, Lancelot Henry	1934
Jones, Heather Vivian	1967	Manton, Jack Hudson	1934
Jones, Jennifer Margaret	1959	Martin, Adeline Zoe	1934
Jones, Kevin Bernard	1964	Martin, Beverley Sue	1956
Jungfer, John Gerrard	1961	Martin, Kinnish Salkeld	1961
Justin, John Herbert	1942	Martin, Rex George	1958
Kaehne, Brian Robert	1959	Martin, Rosalie Edith	1961
Kain, Coleman Lawrence	1938	Martin, Thomas Jarvis	1963
Kamm, Geoffrey Norman	1955	Martindale, Aileen Francis	1948
Kanovics, Leslie Zoltan	1965	Martindale, Edward John	1947
Kasdoba, Lydia	1957	Marshall, Alfred George Robert	1939
Katchor, Bernard David	1963	Mashford, Anne Lesley	1966
Kaufman, Lillian Jeannette	1967	Mathieson, Allen George	1955
Kean, Christopher James	1953	Matthews, Maurice John	1935
Keipert, Paul Howard	1942	Mayfield, Margaret Hazel	1955
Kemp, Ronald Gordon	1966	Mazzei, Anthony Ronald Peter	1962
Kenny, Rosemary Elizabeth	1963	Meaney, Lance Amadei	1962
Kentish, Frank Stow	1952	Meaday, John Cleveland	1943
Kildea, John Brian	1952	Medlow, Ronald George	1954
Kimber, Hubert Thomas	1937	Meegan, Peter	1951
Kimber, Malcolm John	1956	Mensforth, Paul Alfred	1960
King, David McMillan	1957	Merry, David John	1963
Kinnear, Gerald Campbell	1955	Meyers, John Robert	1958
Kinsley, John Vere	1938	Michaels, Donald Ernest	1941
Kinsley, Valmai Bronwen	1966	Middlemiss, Brian Robert	1951
Kirby, David Bevan	1940	Mildren, Brian Frederick	1944
Klaffer, Ralph	1954	Millar, Bruce George	1960
Klopp, Malcolm Keith	1967	Miller, Heather Joyce	1948
Knightley, Harold Alan	1948	Miller, Meredith Joy	1966
Knill, Douglas William	1940	Miller, Robert Lionel	1938
Laffer, Mildred Emily	1935	Mitchell, Andrew John	1967
Lalor, William Brian	1935	Mitchell, Donald Graham	1944
Lane, Andrienne	1963	Mitchels, John Roger	1954
Larwood, Patricia Myrtle	1947	Mittiga, Tommy Michael Archangel	1961
Lawton, Brian Eley	1949	Montgomery, Gillian Pentland	1955
Lawton, Rosalind Mary	1964	Moriarty, Daniel Francis	1951
Lazare, Marcel Bancion Issac	1956	Moriarty, Vincent John	1957
Lazare, Vicky	1959	Morony, Graham Tylor	1955
Leak, Weston Hugh	1939	Mosel, Donald	1945
Lean, Albert Gordon	1938	Moyse, Robert Mervyn	1964
Lean, Keturah Victoria	1935	Mudie, Robert Charles Wedderburn	1952
Lee, Graham Bruce	1959	Mudie, Stuart Mayelston	1953
Lee, Thomas Ian	1954	Mugg, Gordon Murrie	1940
Lenthal, Douglas Lionel	1936	Munyard, Patricia Carlene	1957
Lever, Lionel Alfred	1952	Mutton, Barbara Marjorie	1966
Lewis, Graham Neil	1961	Nagy, Akos	1957
Lewis, Loulie Maxine	1949	Naughton, Ann	1965
Leyshon, Stephen Noel	1954	Netting, Keith Cameron	1956
Libikas, Irene	1965	Newbery, Betty Hilda	1947
Linklater, Anne Stirling	1966	Newbery, Donald Ernest	1944
Lipert, Alan Lewis	1962	Newbery, John Henry Edward	1947
Lloyd, Jack Maxwell	1955	Newson, Clarence Alfred	1941
Lock, Peter Bayard	1943	Newson, Donald Allen	1966
Lockett, Trevor John	1958	Nicholas, Cecil David	1941
Logan, Margaret Alberta	1961	Nicholls, Brian Charles	1949
Lokan, Elaine Beryl	1957	Nicholls, William John	1956
Lovell, Barbara Jean	1948	Nicholson, Joan Valma	1957
Lower, Rupert Alexander	1940	Ninio, Henry Jacques	1961
Lucas, Marjorie Blanche	1965	Norman, Alfred James	1935
Ludkins, Geoffrey James	1961	Norman, Jack Campbell	1951
Lugg, Patricia June	1959	Norton, Leonard	1959
Luks, Edite Helga	1962	Nottage, Jeffrey Keith	1960
Lynas, Kaye Ward	1952	Nunn, Graham Jefferson	1959
Lyons, Colin Henry	1951	O'Callaghan, Neil Edward	1956
McCarthy, Kenneth Arthur	1961	O'Connell, Christopher Colin	1966
McCarthy, Roderick Charles	1936	O'Connor, Brian Thomas	1954
McColl, Peter Donald	1951	Ogders, Murray Grenfall	1938
McCulloch, Paul Damian	1964	Offe, Garth Ian Hamilton	1940
McDonough, Peter John	1959	Ongley, John Henry Albert	1936
McDougall, Alistair Douglas	1966	O'Reilly, Dominic Patrick John	1941
McHugh, Michael James	1963	Orr, Fay Patricia	1954
McInnes, James Laurie	1963	Oswald, John Kenneth Gibson	1960
McKee, Geoffrey Peter	1963	Otto, John Leyland	1954
McKellar, Keith George	1959	Page, Roger Anthony	1965
McKenzie, John David Blair	1958	Pain, John Shannon	1955
McMordie, James George	1960	Pak Poy, Wilfred Cecil	1952
		Palape, Janis Zanis	1954
		Palk, Michael John	1955

Parker, Colin John	1954	Russell, John Wayne	1965
Parker, Rex Carleton	1934	Russell, Norman	1950
Parsons, Donald Allan	1952	Ryan, Molly Hazel	1942
Pascoe, Kenneth William	1964	Ryder, Carlene	1966
Paterson, Fay	1953	Ryder, John Bernard	1943
Paterson, Kevin Walter	1955	Saies, David	1954
Patrick, Brian Thomas	1960	Salman, Harry William	1934
Patrick, Reginald Ross	1942	Salmon, Walter Kenneth	1966
Patterson, Ronald Thomas	1939	Sansom, Lloyd Norman	1963
Pawson, Keith Curry	1952	Sawyer, Trevor Joseph	1955
Payne, Beryl June	1952	Scarman, Graham Alwyn	1954
Payne, Geoffrey Milton	1965	Schocroft, John Charles	1953
Peck, Donald Harvey	1947	Schoff, James Alec	1958
Penhall, Donald Frederick James	1951	Schroeder, June Adele	1951
Penney, Donald Ross	1952	Schuetze, Robert John	1962
Phanchet, Chantance	1957	Schultz, Barry Robert	1962
Phelps, Kevin George	1952	Schultz, Francis John	1940
Phillips, Christine Eillery	1961	Scrivener, Bruce Allan	1952
Phillips, Geoffrey Wayne	1966	Scrivener, Desmond Arthur	1950
Phillips, Stuart Hill	1963	Shapter, William Evan	1944
Phillips, Yvonne Ruth	1953	Shaw, Peter	1962
Philp, Harold John	1953	Shepherd, Peter	1940
Physick, Anthony Noble	1960	Shetliffe, Reginald George	1936
Physick, Colin Alick	1967	Shinnick, John Roger	1959
Physick, William Alick	1940	Short, Lynette Margaret	1952
Pickering, John Ronald	1953	Shute, Leslie Norman Keith	1955
Pinchbeck, Lawton James	1965	Siggins, Ronald Hewitt	1938
Pittman, Brian Arthur	1962	Simcock, Gerald Cyril	1953
Pledge, John Melvin	1958	Simon, John Ross	1951
Polgreen, Rodger William	1964	Skews, Thomas Nisbett	1952
Pontifex, Andrew	1967	Skull, David Geoffrey	1961
Pope, David Floyd	1958	Skurray, Ronald Anthony	1960
Pope, Peter Ray	1962	Sleep, Frank Ronald	1945
Porra, Robert John	1953	Smith, Brian Robert	1963
Porter, Kenneth Symes	1935	Smith, Frederick Brian	1960
Potter, Elizabeth	1963	Smith, Graham Reginald	1934
Potts, Frank Desmond	1951	Smith, Heather Belle	1957
Preece, Malcolm Stewart	1954	Smith, John Brooke	1965
Prendergast, Robert William	1966	Smith, Mervyn Keith	1939
Fride, Geoffrey William	1961	Smylie, Gordon McInnes	1940
Priess, Richard John	1941	Smyth, Neil Lawrence	1950
Prisk, Colin John	1962	Somerville, Peter James	1960
Pritchard, Helen Bessie	1948	Somogyi, Laszlo	1956
Prosser, Malcolm Geoffrey	1955	Sorrell, Leonard Martin	1942
Prowse, Helen Christine	1964	Southam, David Michael	1959
Pudney, Trevor Kenneth	1967	Southam, Sydney Anthony	1950
Pullman, Joy Elaine	1965	Sowry, Kerry John	1962
Purchases, John Alfred	1947	Spafford, Rex Netherton	1939
Quintrell, Laurence Neil	1959	Sperber, Allan Lynton	1952
Raimondo, Frederick	1961	Spick, John Vaughan	1957
Raimondo, John Joseph	1966	Spurling, Peter Michael	1958
Ramsay, Douglas	1934	Stain, John Wright	1939
Ramsey, Colin Bruce	1950	Stals, Mara	1965
Ramsey, Maxwell George	1953	Standish, Donald James	1955
Ramsey, Mollie Aileen	1942	Stanfield, Pauline	1960
Randell, William Richard	1940	Stanley, Patricia Dorothy	1954
Rankine, Ian Jeffrey	1942	Starr, Barry John	1962
Raud, Rudolf	1955	Statton, Bruce Arthur	1943
Rauth, William Heseltine	1941	Stedman, Paul George	1952
Ravasi, Louis	1961	Stephens, James Stanley	1960
Raw, Ian Lawrence	1967	Stevens, James Leonard	1966
Redmond, John William	1958	Stock, Beresford Hannam	1957
Reid, Betty Lorna	1949	Stock, Dianne Christine	1962
Reid, Colin Liston	1954	Storen, Walter Joseph	1951
Retallick, Gladys Yvonne Joan	1943	Stratton, Trevor Carl	1961
Retallick, John James Mark	1951	Strehlow, Rotraud Frieda Agnes	1961
Rice, William Frederick	1934	Streicher, Francis Mannix	1942
Richards, Brian John	1952	Stuckey, Mary Hill	1942
Richards, William Leonard	1956	Stunnel, Gwenda May	1957
Richardson, Jack McPherson	1937	Sutcliffe, Ian Geoffrey	1964
Richardson, Joseph Peter	1961	Sutcliffe, Lewis Allan	1952
Richardson, Kevin Graham	1963	Swan, Joyce Charlotte	1942
Richter, John Steven	1954	Sweet, Ronald Langdon	1953
Rickard, John Maxwell	1966	Symonds, Robert Murray	1951
Ridley, Kenneth	1965	Tait, Colin Field	1964
Roark, Ian Bolton	1959	Talbot, Allan Benjamin	1940
Roberts, Peter Vernon	1951	Taylor, Ray Athol	1949
Robinson, Murray Gilbert	1947	Taylor, Ronald Norman	1947
Rodda, Robert Willard	1955	Taylor, William Thomas	1936
Rogers, Barry Harcourt	1952	Teakle, John Kevin	1951
Rohlfing, Kenneth Malcolm	1948	Telfer, Donald	1954
Rohrig, D'Arcy Clayton	1941	Theel, Elliott Wilkins	1955
Rolfe, Thomas John	1936	Thomas, Donald Laurence	1961
Rosewall, Robert Walker	1953	Thomas, Jeanette	1956
Rostek, Zenon-Carolus	1957	Thompson, David Richard	1958
Rowe, Gordon Thomas	1948	Thompson, Donald Bruce	1953
Rowe, John Crawford	1950	Thompson, Eric James	1935
Rowe, Peter James	1964	Thompson, Jillian Erica	1959
Rowell, John Neville	1959	Thomson, Margaret	1957
Rush, William Callander	1959	Thorpe, Pamela	1967
Russell, Alan Alexander	1947	Thredgold, John Lewis	1960

Tiver, Lloyd Charles	1937	Wayne-Smith, Elizabeth Andrée	1964
Tomeo, Charlie	1966	Webb, Donald Ralph	1943
Tomlinson, Janet Rosemary	1957	Webber, Brian Earl	1952
Tonkin, Peter Richard	1942	Webster, Helen Joyce	1967
Townsend, Graham Rosslyn	1952	Weedman, Dale Elton	1954
Tregilgas, Bruce Burnett	1957	Weir, Nancy Mavis	1963
Trevelyan, Denis Murray	1948	Weller, Reginald Lancelot Elon	1953
Trowse, Donald Desmond	1965	Wellington, Nancy Catherine	1944
Trummer, Anthony George	1955	Wescombe, Peter George	1953
Trummer, Judy Charlotte	1966	West, Lionel Thomas, M.B.E.	1952
Tulloch, Roger James	1949	Westernman, Penelope	1966
Turner, Ross Walter	1959	Wheaton, Frank Hurtle Pengelley	1948
Tyler, David John	1960	Wheeler, Eric Henry	1942
Upton, James Harold Charles Hughes	1938	Wheeler, Reginald Gordon	1944
Upton, Robert Maxwell William Alexander	1951	Whitelum, Donald Lindsay	1959
Valente, Giulio	1955	White, Brian Kenneth	1957
Vartuli, Giuseppe	1964	White, John Carew	1940
Veitch, Robert Henry	1951	White, John Matthews	1941
Venning, Claude Meadows	1940	Wiesner, John Alexander	1963
Vickery, Heather Gloria	1966	Wickes, Ronald John	1941
von Doussa, Kathleen Gwendoline	1949	Wight, Kathleen Desma	1966
Wakefield, Meredith Elaine	1966	Wigley, Tom Joseph	1934
Walker, Brian Gilbert	1962	Williams, Allan Ross	1956
Walker, Graham John	1961	Williams, Brian Norman	1954
Walker, John Ross	1967	Williams, Edward Francis	1947
Walker, Leonard Frank	1936	Wilmot, Barry Marsden	1967
Walker, Raymond Charles	1943	Wilson, Beryl Maud	1951
Wall, Kenneth	1938	Wilson, Donald Kenneth	1951
Wallace, Malcolm Gladstone	1958	Wilson, Michael Mincll	1956
Wallace, Peter William	1966	Wilson, William Fraser	1941
Walsh, Afton Peter	1937	Wilton, Michael	1964
Walsh, Zeta Mary	1934	Wohlfarth, Robert William	1965
Wandke, Brenton Graham	1955	Wood, Ian Barclay	1962
Ward, Clyde Hedley Charles	1948	Woods, Meredyth Tenison	1962
Ware, John Brian	1950	Woolford, Lewis Maxwell	1951
Warnecke, Drennan Paul	1949	Woollard, Mervyn John	1935
Warnecke, Peter Gerald	1952	Woollard, Michael Jon Winston	1962
Warner, Peter John	1965	Wormald, Colin Lyle	1962
Warren, Donald Spencer	1951	Worthington, Ralph Henry	1953
Washington, Neville Elliott	1958	Wright, Glen Robert	1966
Waters, Robert William	1958	Wurm, Peter Sinclair	1953
Watson, Colin Hubert	1955	Wylde, Robert Bowen	1950
Watson, John Myers	1949	Young, Geoffrey David	1962
Watts, John William	1938	Zander, Frank Howard	1941
Watts, Robert Neville	1955	Zilm, Lorraine Betty	1956
Wauchope, Alan Wylie	1941		

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Dane, Beverley Ann Jennifer	1959
Allen, Ursula Margaret	1957	Daniels, Jeffrey Gordon	1965
Allert, Margaret Elizabeth	1943	Davis, Colleen	1962
Angwin, Helen Mary	1952	Day, Lynton John	1966
Arthur, Lawrie Edyvean	1949	Delanty, Patricia Hickford	1949
Aspinall, Nancie Jean	1944	Delsar, Frederick William	1949
Astley, Margaret Helen	1953	Dodd, Peter William	1967
Baker, Mary Elizabeth	1942	Dods, Alfred Felix, B.A.	1947
Barker, Leon James Frank	1957	Dufsch, Valma Jean	1953
Barnett, Frederick Ian	1956	Duffield, Valma Jean	1960
Beare, Lynden Day	1954	Duncan, Prudence Ann	1958
Bell, Thomas Clive Lithgow	1948	Edge, Thomas George	1950
Betteridge, Pamela Beth	1951	Eldridge, Diana Melbourne	1966
Betts, Beverlie Frances	1962	Emmel, Jeffrey Donald	1966
Boucher, Andrea	1966	Evers, Josephine Anne	1963
Bowman, Meredith Aileen	1963	Evins, Christine Mary	1957
Bown, Colin Trevor	1966	Farmer, Judith Ellen	1957
Braham, Henry Arnold Collyer	1951	Fenwick, George William, A.U.A. (Arts and Education)	1965
Bridgland, Meralyn Louise	1966	Freebairn, Jeannette	1962
Brooks, Charles Alfred	1945	Fromen, Petrea Elsie Dora	1950
Bryce, Gordon	1962	Gates, Ian George	1958
Bullock, Ivor George William	1950	Gilmour, Melvyn Bernard	1964
Bungay, Elizabeth Ann	1967	Goode, Paul Bryce	1965
Bungay, Valmai Gladys	1958	Goodhart, Helen Mary	1967
Cadzow, Leslie Consort	1949	Gordon, Glenda May	1966
Carlson, Margaret Jean	1958	Grace, Gloria Dawn	1951
Chapman, Denise Alcon	1950	Grange, Mary Louise	1958
Cook, Heather Mignon	1947	Green, Ralph Noel	1952
Cooke, Jennifer Joan	1964	Groom, Terence Robert	1966
Coonan, Wayne Earl	1966	Hage, Jillian Frances	1964
Cooper, Brian James	1954	Halbert, John Arno	1958
Cooper, Jane	1965	Halsey, Trevor Geoffrey	1954
Coppock, Jeanetta May	1943	Hargrave, Cynthia Claire	1966
Cox, Merilyn Ann	1960	Haslam, Denise Allison	1949
Crafter, Robert Roy	1964	Hayes, Lindsay Milton	1963
Crisp, Brian Rex	1952	Henderson, Joyleen Paye	1962
Daly, John Alfred	1960	Hodgson, Geoffrey Arthur	1950
(Surrendered 1967)		Hogben, Rosemary Helen	1967

Hooper, Elaine Meredith	1967	Quigley, Brian Maxwell	1959
Horne, Leonard William	1960	Reece, Evan Wilfred	1965
Horvat, Ludovic Henry	1941	Rees, Pamela Joan	1966
Hussey, Terry Robert	1967	Reynolds, Maxwell Stanley	1944
Ising, Margaret Lucy	1942	Roberts, Owen David	1947
Jaques, Trevor Donald	1965	Robertson, Ian Dean	1967
Jensen, Richard Ian Broughton	1950	Rowe, Joy Dorothy	1950
Jericho, Lois Joy	1960	Saint, Bryce Wesley	1958
Johnson, Paul Francis	1965	Sanderson, Marie Ellen	1967
Jones, Judith Ann	1967	Sarson, Ian Kenneth	1965
Jude, Margaret Bowman	1962	Scheutz, Harold Edwin	1947
Kidman, Elizabeth Duncan	1942	Scott, Suzanne Helen	1967
Lapthorne, Robert Ingersoll	1960	Shakes, Dean John	1963
Lane, Denis Albert	1964	Sibly, John Maslin	1958
Laycock, Geoffrey Clinton	1948	Sladden, Jefford Desmond	1949
Liberts, Ivars Arturs	1965	Sladden, Richard Glenn	1964
Lim, Teow Wan, B.Sc.	1966	Snowden, Janette Daphne, B.A.	1980
Lines, Beryl Linda	1952	Snowden, Kendall Rita	1964
McArthur, Heather Eunice	1965	Spier, David Lindsay	1965
McCarthy, Graham Rees	1960	(Surrendered 1967)	
McCord, Pamela Judith	1964	Squires, Barry Watkins	1964
McDowall, James	1952	Swalling, Jeffrey Leigh	1965
McGargill, Gordon Winstanley	1949	Taylor, Charmaine Cynthia	1985
MacGillivray, Leith Grant	1951	Taylor, Peter John	1966
McMillan, Ronald Trevor	1966	Taylor, Philippa Helen	1959
Mableson, Robert Kent	1967	Telfer, Iris Claire	1956
Maddocks, Jean Kinloch	1944	Thomas, Margaret Anne	1945
Marnham, Raelene Dawn	1965	Torr, Alison Ruth	1950
Marsland, Brian Keith	1961	Treagus, Edward Mervyn	1959
Martin, Keith James	1967	Tuckwell, Patricia Glennie	1957
Mellish, Mary Evelyn	1954	Tulloch, Helen Christine	1963
Michelmores, Agnes	1958	Van Velsen, Carolyn Marie	1961
Michelmores, Margaret	1963	Van Velsen, Helena Suzanne	1967
Moller, Christopher Brian	1964	Vilmanis, Biruta Regina	1965
Moss, Dennis Philip	1965	Wadrop, Neil Raymond	1965
Munn, Gary Reuben	1962	Wait, Robert Noel, A.U.A. (Arts and Educa- tion)	1966
Mutton, Howard James Charles	1948	Watson, Margaret	1958
Newman, Shirley Lena	1954	Wells, Peter Alexander	1965
Nixon, Valerie Colinetette	1955	Westley, Kevin John	1965
Noble, Alan	1956	Whalen, Harry Roy	1961
Nyland, Bruce Thomas	1967	White, Esme Kathryn	1966
Oatey, Robert Reginald	1966	Whittingham, Nancy Olive May	1958
O'Loughlin, Ruth Dorothy	1945	Williams, Margaret Gordon	1942
Oon, Seng Wah	1965	Williams, Rosemary Claire	1961
Paddick, Robert Joseph	1961	Williamson, Catherine Patricia	1961
Page, Ronne Earle	1944	Wollaston, Elsie Margaretta, B.Sc.	1950
Pavia, Grant Robert	1961	Wollaston, Philip Hamilton	1954
Pohl, John	1965	Wooldridge, Aileen Frances	1948
Porter, Joanna Christine	1967	Zwar, John David	1965
Proctor, Ivy Millicent, B.A.	1945		
Pugh, Elizabeth	1949		

ASSOCIATES IN PHYSIOTHERAPY

Abbie, Margaret Helen	1963	Branson, June Maxine	1948
Ackland, Helen Harrington	1958	Broad, Donald Ivor	1954
Adams, Jill Patricia	1962	Brooks, Dorothea Joan	1956
Addison, Geraldine Mary	1960	Brown, Marcia Bentley	1967
Anderson, Doreen May	1958	Burnard, Elizabeth Glen	1963
Appelbee, Christine Iris	1967	Burns, Stephanie Ellen	1965
Appleby, Dorothy Dawn	1950	Burrows, Susan Joy	1962
Apps, Meredith Mary	1965	Burton, Margaret Gwendoline	1967
Ashton, Barbara Jean	1953	Butler, Barbara Christine	1964
Ashton, Virginia Margaret	1964	Campbell, Andrea	1967
Askwith, Elizabeth Mary	1966	Chambers, Ruth Alva	1955
Avery, Elizabeth Margaret Austin	1966	Chapman, Margaret Ann	1957
Badge, Helen Elizabeth	1960	Chapple, Margaret Anne	1962
Bagot, Elizabeth Marian	1966	Chittleborough, John James	1952
Banks, Athalie Isabelle	1951	Clark, Genevieve Mary	1950
Banks, Garland	1951	Clark, Jenifer Margaret	1954
Barclay, Alison Mary	1960	Clark, Jennifer Elaine	1955
Barker, Janet	1965	Clarkson, Josephine Mary	1965
Barkley, Mary Louise	1966	Collins, Doreen	1946
Barlow, Margaret Jean	1956	Colliver, Judith Mary	1947
Barnett, Mary-Elizabeth Anne	1964	Copley, Fay Muriel	1948
Barnett, Patricia Clare	1966	Cornell, Janet-Clare	1956
Beech, Alison Erica	1954	Cornish, Barbara Jean	1957
Begg, Jenny Isobel	1949	Cornish, Gwenneth Kathleen	1957
Begg, Pauline	1951	Cotton, Christine McGregor	1967
Betts, Elizabeth Ann	1964	Creswell, Joan Elizabeth	1951
Birks, Prudence Carleton	1963	Crisp, Rosemary	1956
Biven, Mabel Audrey	1947	Crocker, Colleen Ann	1958
Blake, Jillian Heather	1956	Cross, Geraldine Frances	1954
Bloor, Hellyne	1961	Crowe, Helen Katherine Margaret	1948
Bowden, Margery Helen	1960	David, Irene Rose	1964
Bowman, Kathleen Mary	1952	Davys, Barbara Ramsay	1951
Brady, Kevin James	1953	Deverson, Claire	1961

Dicker, Pamela Georgine	1962	Livingstone, Joanne	1965
Dicker, Patricia Margaret	1958	Lloyd, Rosemary Anne	1962
Dingle, Elizabeth Ridgway	1960	Lohmeyer, Diana Barbara	1967
Donaldson, Robert Gordon	1948	Lokan, Janice Mary	1964
Dow, Diana Caroline Sandland	1947	Luke, Anne Elizabeth	1966
Downs, Margaret Rosslyn	1961	McArthur, Judith Ann	1958
Doyle, Christine Mary	1964	McAuliffe, Margaret Muriel	1960
Duncan, Julie	1964	McCandless, Rosalind Elizabeth	1953
Dunkley, Barbara	1952	McCarthy, Adrienne	1964
Dunning, Barbara Kathleen	1963	McEachern, Jean Campbell	1958
Dunning, Beverley Constance	1958	McEachern, Margaret Campbell	1963
Dwyer, Margaret Rosalind	1958	McElroy, Margaret Joyce	1950
Ede, Helen Joan	1967	McGrady, Rosemary Annette	1959
Evans, Margaret Wynne	1956	McKay, Margaret	1962
Fielder, Ethel Kathleen	1948	McKenzie, Helen Margaret	1966
Filander, Sondra Kay	1964	McKeough, Margaret Joan	1957
Fisher, Joan Elizabeth	1957	Mackie, Margaret Irene	1950
FitzPatrick, Eril Margaret	1950	McLennan, Fay Masie	1951
Follett, David James	1953	McPhee, Aileen Tempe	1949
Frankcom, Rhonda Patricia	1952	Macrae, Wendy Sue	1961
Fricke, Muriel Vera	1948	Maitland, Geoffrey Douglas	1949
Frith, Colleen Beverley	1965	Maloney, Patricia Kathleen	1950
Fuller, Alexia Helen	1967	Manuell, Janet Mary	1966
Gardner, William James	1960	Marshman, Margaret Felstead	1946
Gault, Averil Margaret	1949	Martin, Janet Mary	1965
Gemmell, Rae St. Clair	1958	Martin, Jill Sherwood	1961
George, Elaine Fay	1961	Messent, Helen Sando	1960
Gibson, Pauline Janet	1956	Meyer, Carlien Allisarde Ripley	1952
Gilbertson, Jean Margaret	1963	Meyer, Rigmor Stewart	1948
Gillman, Meredith Eldred	1958	Miller, Barbara Anne	1964
Glover, Patricia Joan	1961	Mitchell, Dorothy Christine	1948
Godwin, Jennifer Helen	1967	Moore, Margaret Suzanne Alice	1945
Goesch, Jennifer May	1965	Moore, Virginia Joyce	1952
Goldsack, Jenifer Ann	1960	Morley, Mary Elizabeth	1946
Goodes, Robyn Annette	1964	Morris, Suzanne Beatrice	1949
Graham, Alison Margaret	1960	Moulden, Gillian Mary	1960
Graham, Ronald Kirkwood	1953	Myers, Janice Kaye	1963
Grant Williams, Juliet Dorothy	1965	Navakas, Aldona Victoria	1957
Gray, Gary Colin	1953	Naylor, Penelope Joan	1965
Gray, Janet Lesley	1950	Neaylon, Carmel Mary	1960
Gray, Jennifer	1962	Newland, Elizabeth Creswell	1961
Gray, Julie Marie	1951	Newton, Margaret Betty	1950
Guy, Alison Heather	1967	Niehuus, Diana Ruth	1965
Guy, Elizabeth Joan	1963	North, Laura Pearl	1964
Ham, Helen Prudence	1954	O'Brien, Helen Marie	1965
Hamilton, Sally Nancy	1958	O'Connell, Barbara	1952
Hammond, Marie Joan	1951	O'Neill, Kathleen Margaret	1967
Hannaford, Claire Anne	1949	Opie, Heather Francis	1965
Hannaford, Frances	1965	Page, Helen Mary	1961
Hardy, Barbara Mansell	1946	Paige, Maxwell John	1949
Hardy, Claire Jeanette	1965	Parsons, Jill Angas	1958
Hardy, Mary Mansell	1951	Parsons, Stephanie Ethel	1961
Harper, Lynne Crofton	1966	Pawsey, Angela	1967
Harrod, Susan Elizabeth	1964	Pearl, Norman Andrew	1964
Haskard, Robin Lindsay	1954	Pedler, Hatherleigh Jane Lorimer	1962
Hart, Julie Diana	1965	Pengilly, Susan Lisbeth	1957
Heaver, Merron Coulson	1965	Petchell, Dorothy May	1960
Heysen, June	1948	Peterson, Margaret Kaye	1967
Hill, Margaret Anne	1966	Pfitzner, Maxwell Clemens	1966
Holder, Charlotte Ruth	1949	Phillipps, Margaret Jean	1945
Hole, Rachel Agnes	1962	Phillips, Julie Gordon	1964
Hosking, Elizabeth Mary	1957	Phillis, Maureen Alfreda	1962
Humphry, Mary Louise	1962	Pierotti, Margaret Brown Halley	1955
Hunwick, Janet Margaret	1964	Pill, Barbara Elaine	1958
Ilman, Elizabeth Lynn	1966	Pinder, Judith Ann	1954
Jackson, Pauline Kay	1963	Piper, Rosemary Lillecrapp	1954
James, Christine Roberta	1964	Pitcher, Anne Barton	1951
Jamieson, June Edna	1953	Pitchon, Irene	1966
Jay, Judith Helena	1947	Plush, Lesley Margaret	1949
Jennings, Jill Gellibrand	1947	Polomka, Genevieve Joan	1957
Job, Kathleen	1950	Porter, Rosemary Anne	1965
Johns, Gordon James	1946	Preston, Pauline Rowland	1949
Johnstone, Heather Joy	1958	Price, Joanna	1960
Jones, Alison Mary Herbert	1948	Radford, Margaret Ann	1956
Jordan, Hilary Anne	1951	Rady, Deane John	1967
Jutner, Susan Elizabeth	1953	Reynolds, Peter John	1960
Karpenko, Tatiana	1961	Rice, Miriam Joan	1958
Karpenko, Zoya	1961	Richards, Philippa Mary	1966
Kelly, Francis Simeon	1949	Rischbieth, Anne Helen	1950
Kidnie, Marilyn Elizabeth	1967	Roach, Valerie Eyre	1949
Kinsman, Alison Joan	1949	Robertson, Elspeith Mignon	1965
Klutke, Eric Willi	1953	Robertson, Mary Douglas	1947
Laffer, Erica Merle	1952	Robinson, Josephine Ann	1964
Lake, Joan	1946	Rofe, Margaret Jean	1950
Laver, Dorothy Margaret	1948	Ross, Susan Mary	1947
Lawrence, Susan Mary Craig	1965	Rowe, Suzanne	1966
Lee, Lynette Heather	1967	Rumball, Kathleen Janet	1955
Le Messurier, Margaret Jane	1967	Russell, Rosemary Alisanne	1961
Leslie, Janice Laurel	1958	Rutt, Philippa Prentice	1965
Lim, Tai-Giok	1965	Rzeszkowski, Lois Morna	1946
Limbett, Jeanette	1960		

Salmon, Margaret Besley	1945	Thomson, Rae Madelienne	1964
Sandow, Maxwell George	1952	Thorpe, Barbara Joy	1957
Sawley, Helen Jean	1963	Thorpe, Heather Evelyn	1957
Schafer, Enid Alice	1962	Toft, Jan	1956
Scott, June Margaret	1967	Tosolini, Gwen Corinna	1951
Sexton, Mary Fleur Playford	1967	Tregenza, Ann Irvine	1956
Sharp, Janet Dianne	1960	Trott, Patricia Helen	1963
Shaw, Julie Margaret Rodas	1962	Viksna, Velta	1955
Shearer, Jocelyn Joan	1962	Vincent, Jillian	1957
Showell, Jacqueline Mary	1963	Verco, Margaret Katherine	1965
Simpson, Jean Katie	1952	Vogt, Janette Helen	1964
Simpson, Rae David	1951	Waddell, Margaret Jean	1945
Simons, Aileen Mary Grace	1957	Walford, Joan Louise	1957
Sims, Enid Helen	1950	Walker, Judith Nora Mudie	1958
Singh, Pritam	1960	Walker, Margaret Gail	1964
Skewes, Dianne Kay	1966	Walker, Patricia Elizabeth	1963
Skewes, Judith Anne	1963	Wall, Ellen Winifred	1953
Smith, Elaine Lockhart	1946	Warmington, Leonie Eve	1961
Snow, Frances Mary	1955	Waterhouse, Jane Hardey	1953
Sopp, Maxwell John	1958	Watts, Alison Janet	1962
Southam, Catherine Mary Rose	1956	Webb, Nancy Joan	1958
Springbett, Janice Patricia	1963	Whicker, Joan Doreen	1954
Starr, Judith Anne	1954	White, Jennifer Judith	1954
Stoddart, Lorraine Mary	1951	White, Jennifer Ruth	1967
Stokes, Meredith	1962	White, Ruth Rosanne	1956
Supple, Harvey Walter Thomas	1958	Wicks, Claire Hampton	1947
Stump, Angela Withrington	1961	Williams, Margaret Jean	1961
Sweet, Helen Janet	1965	Willis, Elizabeth Mary	1960
Symonds, Helen Lorna	1960	Wilson, Eoile Elliot	1958
Taylor, Christobel Jane	1952	Winnall, Ann Mary	1964
Taylor, Katherine Lillian	1964	Wood, Judith Mary	1953
Taylor, Margaret Anne	1952	Woodruff, Susan Lyndsay	1965
Taylor, Margaret Jane	1960	Woolcock, Susan Jane	1963
Taylor, Margaret Mary	1952	Wylde, Annette Eustace	1947
Thomas, Susanna Jeanne	1967	Young, Margaret Alison	1960
Thomson, Janet Elizabeth	1951		

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Inglis, Gilbert Gerald	1958
Aistrophe, Donald William Anderson	1959	Inns, Graham Jack	1965
Anthony, Ernest	1950	Jackson, Harold Ernest	1935
Ashenden, Herbert John	1957	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	Koukoulas, Anthony George	1965
Burton, Roy Victor	1937	Laver, Robert William	1952
Carey, Edward John	1936	Lawton, Richard William	1961
Casson, Stirling Ernest	1965	Lee, Frank Botham	1937
Cattermole, Allan Jefferson	1963	Lokan, Albert Henry	1939
Cavalier, Elizabeth Mary	1943	Mattingley, Maxwell Albert Percy	1945
Clark, James	1938	Menear, Ira, B.A.	1933
Collett, Kenneth James	1953	Messent, Esther Mary, B.A.	1936
Combe, Bernard Milo	1937	Millard, Clifford James	1933
Cook, Gordon James, B.Ec.	1948	Mitchell, William Robert, B.E.	1956
Coombe, Albert	1932	Naylon, Augustin James	1934
Coombe, Samuel	1936	Ormond, Colin William	1949
Coonan, Edward Raymond	1949	Pollnitz, Percy Frederick	1938
Cottrell, Francis Allan	1934	Pope, Hugh Gilmore	1932
Craker, Arthur Ernest	1932	Pretty, Walter Arthur	1948
Dale, Richard Charles Moritz	1940	Priest, Alan Hewett	1937
Daniel, Claude Alfred Vaughan	1935	Reseigh, Claude Edgar	1934
Davis, Brian	1952	Roberts, John William	1953
Davis, Robert Keith	1958	Robinson, David Floyd	1935
Deane, Allan Nicholson	1936	Russell, Andrew Earl Lindsay	1951
Deane, Robert Glenn	1964	Ryan, Charles Landers	1941
Dodd, Aubrey Francis Rule	1948	Sando, Maurice Hughes	1934
Doecke, Heinrich Albert	1931	Schlenk, Conrad John	1958
Doig, Malcolm Robert	1955	Segmit, Alick	1957
Donaldson, John Monfries	1936	Simmons, Donald William, B.Ec.	1950
Doyle, Leo James, LL.B.	1951	Slade, James Henry Gray	1932
Dunstan, Jack Connon	1952	Smith, Harold Reid, LL.B.	1949
Gartrell, Frank Prisk	1956	Taeuber, Kenneth Charles	1958
Gilbert, Ronald Victor	1966	Temme, Bernhard Robert	1933
Good, Richard John, B.E.	1959	Thomas, William Henry Oswald	1947
Corby, Thomas Warren	1965	Thompson, Brian Philip	1962
Gordon, Coleman Guildford	1939	Tillett, Arthur Colin	1950
Grest, Norman Stanley	1958	Trumble, Hugh Peter Christian, B.Ag.Sc.	1962
Griffin, Ray Edwin	1953	Turner, Brian Scott	1958
Hammond, Raymond Charles	1951	Voyzey, William (surrendered 1959)	1952
Headland, Brian Cobrey	1956	Voyzey, William, B.A.	1963
Hewett, Alexander Macdonald	1938	Walker, Colin Alexander Dunstan	1948
Hoffmann, Allan John	1966	Wellington, Murray Morley	1949
Holland, John Neville	1960	West, Kenneth Charles	1949
Holland, Robin Laurence	1960	Wharldall, Lancelot Arthur	1953
Honey, Henry Beric	1958	Whitford, Alfred Eugene	1941
Hutchinson, Hugh Morgan	1940	Wight, Robert James	1938
Hutton, Malcolm Austin	1960	Williams, David John	1956
		Wilsdon, Kendrick Frank Jefferies	1958

ASSOCIATES IN SOCIAL STUDIES

Abbie, Elizabeth Mary, B.A.	1964	Jeffries, Elizabeth Shirley, B.A.	1959
Ambrose, Raymond Hamilton Cole	1963	Jones, Moya Frances Britten	1959
Anderson, Vicki Alexis	1967	Kernick, Lorraine Maria Catherine	1963
Bagshaw, Dale Margaret, B.A.	1964	Killington, Gary Milton	1963
Barker, Natalie Ruth	1963	Kimber, Raymond Anthony	1967
Bateman, Ronald Charles	1964	Kronberger, Julia Jane	1966
Beaney, Helen Margaret	1967	Lakstigala, Lauma Edite	1965
Bentley, Anne Burnard	1967	Lewis, Diana Grenfell	1966
Bird, Catherine Campbell	1963	Lewis, Ian James	1966
Bleby, Peter Bryan	1966	McInerney, Margaret Anne	1965
Bonnin, Patricia Avis	1966	McKittrick, Coral Yvonne	1961
Browne, John Ross	1967	McLoughlin, Marie	1967
Bull, Lorna Adelene	1964	McMichael, Alison Stuart	1966
Burnard, Robin	1960	Mander, Barbara Anne	1963
Butcher, Verity Elizabeth	1965	Markwell, Sally Patricia	1965
Clarke, Bernard Angus	1963	Marvell, Janet Christine	1966
Clarkson, Phyllis Anne	1963	Meaney, Jillian Olga	1963
Cohn, Juliet Elizabeth	1963	Metcalfe, Heather Joy	1965
Cooke, Helen Elder	1966	Miels, Patricia Joan	1966
Cookes, Meredith Wyn	1967	Miller, Christine Elisabeth	1963
Cutten, Annable Jean	1963	Mitchell, Marilyn Joy, B.A.	1967
Dermott, Veda Rosemary	1959	Moore, Barbara Grace, M.A. (Melbourne)	1960
Deutscher, Pauline Elizabeth, B.A.	1966	Morgan, Lester Joy	1966
Douglas, Rosemary Lillian, B.A.	1961	Mullins, Annabel Joy	1966
Duncan, Cynthia	1964	Murrie, Elizabeth Gordon	1965
Dunn, Jeanette Anne	1966	Nance, Graham John	1962
Edgar, Prudence Jane	1965	Neighbour, Gabrielle Lawrence	1966
Engler, Beryl Edna	1966	Nicholson, Janet Lesley	1966
Eu, Sim Choon	1966	Noble, Jack Morton	1962
Flaum, Barbara Catherine	1967	Oxenberry, Rodney Bruce	1967
Forwood, Kathreen Meta	1964	Parker, Frank Connell	1964
Frost, Josephine	1964	Patterson, Kenneth George	1967
Gaal, Charles Louis, M.D. (Debrecen)	1967	Peake, Christine Mary	1967
Gameau, Brenda Dianne	1965	Pearce, Judith Helen	1966
Garbett, Carolyn Stewart	1966	Phillips, Anne Gordon	1966
Gay, Patricia Emma	1961	Phillips-Rees, Susan	1967
Gaze, Belinda Jane	1964	Pope, Geoffrey Weston, B.Sc.	1965
Gilfillan, Catherine Jean	1967	Potter, Pamela Du Rieu	1963
Gill, Jennifer Mary	1967	Price, Lorraine Ruth	1959
Goh, Kia Ngan, David	1966	Rice, Peter Melville	1963
Golley, Alison Mary	1962	Scott, Diana Steele	1964
Good, Elizabeth Ruth	1963	Shaughnessy, Carolyn	1966
Graham, Janice Helen	1966	Shepherd, Philippa Jan	1964
Griffiths, Pamela Joy	1966	Smith, Beverley Jillian	1966
Gürsansky, Dianne Elizabeth	1967	South, Jane Helen	1964
Haeusler, Michael John Rowland	1963	Southgate, Jocelyn Margaret	1963
Hallett, Janet Cameron	1966	Stock, John Rendle	1967
Hally, Eleanor Cecilia	1967	Strehlow, Shirley Rosamunde	1965
Hardy, Margaret Anne	1962	Sykes, Hilda Joyce	1967
Harris, John Vivian	1962	Tan, Jerry Andrew	1961
Harry, Jenifer Priscilla	1964	Teo, Joo Choo	1965
Healy, Judith Mary	1967	Thompson, Helen Veronica	1967
Hedde, Margaret Ann	1966	Thyer, Jillian	1965
Hemer, John Murray	1962	Treagus, Elaine Mary	1966
Hicks, Anne Margaret	1965	Trumble, Helen Elizabeth	1967
Higgins, Anthea Mary	1961	Truscott, Lisbeth Joan	1967
Hines, Judith Helen	1963	Twin, Arlene May	1966
Hodgson, Dianne Marie Emma	1965	van Deth, Eveline	1965
Holland, Terence Joseph	1960	Walton, Shirley-Anne Champion, B.A.	1965
Hollidge, Lesley Faith	1966	Watkins, Robin Mark	1967
Horner, Henry Clarence	1967	Watkinson, Patricia Anne	1966
Howard, Cherry Anne, B.A. (West. Australia)	1967	Watkinson, Sandra Raie	1967
Hughes, Patricia Gliddon, B.Sc.	1960	Weir, Harold Gibson	1963
Hughes, Philippa Gwynne	1965	Wilson, Heather May	1967
Hughes, Rosalind Selwyn	1964	Wordie, Elizabeth	1965
Inglish, Christine Audrey	1966	Worrell, Wendy Deirdre	1965
Inglish, Helen Daphne	1966	Yeo, Khee Bee	1964
Jamrozik, Adam Wladyslaw	1966	Yeo, Kim Seok	1961
		Yeo, Thiam Teng	1965

DIPLOMA IN COMPUTING SCIENCE

Burke, Philip Damien, B.Sc., B.A.	1967	Robertson, Robert James, B.Sc.	1967
Hercus, Robert William, B.E.	1967	Schoff, Richard Frederick, B.App.Sc.	1966

DIPLOMA IN EDUCATION

Adams, James Harold, B.A.	1965	Both, Roger James, B.Sc.	1966
Aitken, Ellen Raelene, B.Sc.	1965	Boundy, William Stevenson, B.Sc.	1958
Alcock, Dudley Horald, B.A.	1944	Bourke, Denis Francis, M.A. (Sydney)	1959
Allen, John Bernard, B.A.	1942	Bourke, Elma Marie, B.A.	1941
Allen, Leonard Nicholls, M.A.	1939	Bourman, Robert Peter	1967
Alley, Sheila Grace	1967	Bradley, Denise Irene, B.A. (Sydney)	1965
Altmann, Olive Stella, B.A.	1951	Braham, Henry Arnold Collyer, B.A.	1960
Altus, Rudolph Herman, M.A. (Melb.)	1950	Bray, Elva Mildred, B.A.	1943
Anders, Douglas John, B.Sc.	1947	Brazier, John Richard, B.A.	1952
Anderson, Alex Gordon, B.Sc.	1956	Brideson, Colin Herbert	1959
Anderson, Aubrey James Clifton, B.A.	1948	Bridge, Kennedy James, B.A.	1963
Anderson, Barry Charles, B.Sc.	1964	Britton, Robert John, A.U.A. (Arts and Education)	1963
Anderson, Graham Lancelot George, B.Sc.	1964	Brock, Brian James, B.Sc.	1966
Arbery, James Herbert, B.A.	1961	Brokenshire, Alan Richard, B.Sc.	1964
Arcus, Wesley John, B.A.	1958	Brook, Richard John, B.Sc.	1961
Argyle, Margaret, B.A.	1957	Brown, Carolyn Mary, B.A.	1967
Arnold, Richard Walker, B.Sc.	1966	Brown, Henry, M.A.	1924
Ashby, Grant James, B.Sc.	1967	Brown, Donald Edgar	1954
Ashenden, Dean John, B.A.	1966	Brown, Norman, B.A.	1960
Ashenden, Leslie Edward, B.A.	1952	Brown, Reginald Dutton, B.Ec.	1947
Ashton, Harry Tamblын, B.Sc.	1960	Bryson, Helen Anna, B.A.	1966
Asiah, binti Ariffin, B.Sc.	1965	Bubner, Kenneth Max, B.A.	1966
Aston, Morrell Kenneth, B.A., B.Sc.	1952	Bull, Winifred, B.A.	1948
Atherton, Brent, B.Sc.	1965	Bullas, Vernon Lindsay	1966
Atwell, Leslie George Danks, B.A.	1941	Bunney, Bronte Rowland, B.Sc.	1957
Aubert, Graham James, B.A. (New England)	1963	Burdon, Ivor Leslie, B.A.	1945
Baddams, Violet Themie, B.A.	1940	Burfield, Arthur, B.A.	1954
Bails, Dennis Graham	1966	Burnard, Charles Robert	1948
Baker, Reginald John, B.A.	1965	Burns, Esther	1949
Bald, William Charles, B.A.	1962	Burrow, Catherine Patricia, B.A., A.U.A. (Phys.Ed.)	1966
Barber, Howard Frank, B.A.	1943	Burton, Dudley Hopetoun, B.A.	1941
Barnes, Frederick Lynne, B.Sc.	1944	Burton, Graham Frank, B.Sc.	1966
Barnes, Geoffrey Lynne, B.Sc.	1967	Butcher, Alan Edward, B.A.	1933
Barr, Trevor Frank	1966	Butler, Kathleen Fiona, B.A.	1948
Barrett, William Vernon, B.A.	1951	Butler, Pamela Margaret, B.Sc.	1958
Bartholomaeus, Edmund Stanley, B.A.	1931	Campbell, Archibald Herbert, B.A.	1939
Barthelet, Nancy Irene, B.A.	1950	Cannell, Cedric James, B.Sc.	1942
Barton, Alan Reginald, B.Sc.	1965	Cant, Alister McKinnon, B.A.	1944
Bartsch, Malcolm Ian, B.A.	1967	Carmen, Noel Francis, B.A.	1951
Barwick, Noel Kenneth, M.B., B.S.	1967	Carmichael, Barry Marshall	1966
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Carthew, Lancelot, B.A.	1950
Bauer, Noel Westley, B.Sc.	1966	Cavenett, Horace Clifford	1945
Baum, Murray Richard, B.A.	1957	Cawte, Frederick George Nelson	1942
Bawden, Albert Victor, B.A.	1942	Chalklen, Roland John, B.A.	1960
Bawden, Maxwell John, A.U.A. (Arts and Education)	1966	Chamberlain, Dawn, B.A.	1964
Bayly, Elizabeth Jean, B.A.	1962	Chant, Barry Mostyn, B.A.	1963
Beare, Hedley, B.A.	1956	Chapman, John Marsden, B.A.	1940
Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.)	1962	Charlesworth, Jennifer Joy, B.A.	1964
Beaumont, Olive Sowter, B.A.	1943	Charlesworth, Thomas William, M.A.	1947
Beauchamp, Geoffrey Peter, B.Sc.	1966	Cheek, Heather Anne, B.A.	1967
Becker, Roy Colin	1965	Cheng, Mee Chooi, B.Sc.	1966
Beckwith, Shirley Katie, B.A.	1948	Chin, Peter, B.A.	1967
Bennett, Annie Stevens, B.A.	1924	Chin, Shin Ping, B.Sc.	1967
Bennett, Charles Gordon, B.A.	1934	Chittleborough, Glen, B.Sc.	1960
Bennett, Thomas Southall, B.A.	1940	Chittleborough, Lyall, B.A.	1963
Bennetts, William Rawling, B.Sc. (Western Australia)	1956	Chittleborough, Wendy Lois, B.A.	1963
Bentley, Barbara Claire, B.A.	1965	Chong, Khey Cheow, B.Sc.	1965
Bentley, William James, B.A.	1949	Chopra, Pran Nath, B.A.	1966
Berry, Frances Winifred, M.A.	1924	Chye, Toh Cheong, B.Sc.	1965
Berry, Leslie Thomas McCloud, B.Sc.	1966	Clapp, Edwin Kenneth Hamilton, A.U.A.	1961
Bested, Gordon John, B.A.	1945	Clark, Henry William, B.A.	1954
Bettison, Margaret Selina, B.A.	1952	Clark, Marjorie Hilda	1967
Bettison, Suzanne, B.A.	1966	Clarke, Brian Russell, B.Sc., A.U.A. (Arts and Educn.)	1963
Beven, Annette Thelma	1966	Clarke, Phil Gregory, B.A.	1952
Beven, Raymond Harold, B.Sc.	1964	Clayton, Kenneth Ross, B.A.	1967
Biddle, Enid Barbara, B.A.	1949	Cleggett, Lloyd	1955
Biele, Keith William, B.Ec.	1953	Clements, John Wreford, A.U.A.	1962
Bieske, Elaine Alison, B.Sc., A.U.A. (Arts and Educn.)	1964	Close, Maynard Davidson, B.A.	1948
Bilney, Neil Joseph, B.A.	1947	Close, Ronald Wilkinson, B.Sc.	1945
Bird, Peter Allan, B.A.	1966	Close, Susan Elizabeth, B.A.	1965
Blackburn, Jean Edna, B.A. (Melbourne)	1965	Cochrane, Heather Bernice	1958
Blacket, Margaret Edith Wilmot, B.A.	1965	Cock, Leon John, B.A.	1966
Blackwell, Philip Walter, B.Sc.	1965	Coggins, Harold Douglas, B.Sc.	1955
Blesing, Rae Flora, B.A.	1961	Coggins, John Malcolm, B.Sc.	1966
Boehm, Walter Gotthilf, B.A.	1955	Coggins, Robert Symes, B.Sc.	1952
Boettcher, Helmut, Dipl.Hd.C. (Cologne)	1965	Coker, John Godfrey, A.U.A. (Arts and Educn.)	1962
Bolt, Janet, B.A.	1964	Coleman, Alan Michael, B.Sc. (Wales)	1966
Bone, Maxwell Harold, B.A.	1939	Coleman, Isobel Beryl Jean, B.A.	1949
Bonner, Helen Marjorie, B.A.	1965	Collins, Charles Vincent, B.A.	1940
Boomer, Robert Garth, B.A.	1965	Connole, Patricia Ann, B.A.	1963
Boord, Frederick Hughes, B.A.	1957	Cornelius, Muriel Merle, B.A.	1956
Borchardt, Mary Pauline, B.A.	1963	Corrigan, Lawrence Joseph	1930
Borrmann, Malcolm Carl, A.U.A. (Arts and Education)	1966	Cosgrove, Bernard Augustin, B.A.	1945
Boroky, Betty Margaret, B.A.	1959	Cosh, James Malthouse, B.A.	1949

Counsell, Ruth Kingsley, B.A.	1955	Finn, Beatrice Mary, B.A.	1943
Coxon, Patricia Magdelen, B.A.	1965	Fisher, Ruben Walter Alfred, B.A.	1950
Cramer, Cerard Leigh, B.A.	1952	Fitzgerald, Bartholomew John, B.A.	1932
Cramond, Margaret Mary Alyn, B.A.	1956	Fitzgerald, Clarence Lindsay, B.A.	1954
Crawford, Graham John, B.Sc.	1966	Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954
Cropley, Arthur John, B.A.	1960	Fitzpatrick, Clifford George, B.Sc.	1952
Cross, Jack	1957	Fitzsimons, Robert Owen, B.A.	1965
Crowe, Elizabeth Mary, B.A.	1954	Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928
Curry, Christine Mary, B.A.	1965	Flynn, Kevin John, B.A.	1942
Cusack, John Charles, B.Sc.	1959	Forbes, Elizabeth McLean, B.A.	1965
Dack, Thomas, B.A.	1938	Forbes, William, B.A.	1939
Daddow, Henry Howard, B.A.	1943	Forrest, Richard Bruce, B.Sc.	1966
Dally, John Alton, B.A.	1963	Forsyth, Elliott Christopher, B.A.	1950
Daniel, Neralie Anne, B.A.	1966	Francis, Lindsay Edward	1967
Danielsen, Fredrick Graham, B.Sc.	1964	Freidenfelds, Mara, B.Sc.	1963
Darzens, Dace, B.A.	1963	Fricke, Lyall Peterie, B.Sc.	1951
Darr, David James, B.Sc.	1966	Fuller, Geoffrey Roy, B.Sc.	1963
David, John Fairhall, B.A., B.Ec.	1964	Fulton, Gwen Evelyn Hamilton, M.A.	1945
Davies, David Alwin	1967	Gaffney, Robert John, B.Sc.	1966
Davies, Natalia, B.A.	1940	Gamble, Graham Beaumont, B.Sc.	1965
Davis, Robert Bruce, B.A.	1950	Gann, Eric Crump, B.A.	1954
Davison, Gordon William, B.A.	1938	Ganzis, Nicholas, B.A.	1965
Davison, John Mitchell, B.A. (Q'ld.)	1966	Gardini, Alessandro, B.Sc.	1966
Daw, William Ronald	1954	Gare, Lloyd, B.Sc.	1938
Day, Christine Janet, B.A.	1965	Gaskell, Joan Mary, B.A.	1955
Deacon, Merrowyn May, B.A., A.U.A. (Music)	1964	Gazard, Geoffrey Albion	1949
Dean, Daniel Frederick, A.U.A. (Arts and Education)	1967	Gent, Alan Franklin, B.A.	1950
Deer, John Gregory, B.Sc.	1956	Georg, Victor Gerhard, B.A.	1952
Dempster, Beryl Joan, B.A.	1964	George, David Charles, B.Sc.	1964
Dennis, Alan Henry, B.A.	1953	Gerlach, Max Johann, B.A.	1927
Dennis, William Norman, B.Sc.	1958	Geytenbeek, David Robert, B.Sc.	1959
Densley, Mary Muriel, B.A.	1964	Gibbs, Alfred Lewis Burnand	1949
Dent, Marjorie, B.A.	1960	Gibson, Ernest Stephen Harvey, M.Sc.	1942
Dent, Nancy, B.A.	1962	Gibson, Gladys Ruth, B.A.	1940
Denton, David Ross, B.A.	1963	Gibson, Graham Coyne, B.A.	1953
Dilena, Michael James, B.A.	1966	Giddings, Keith, B.A.	1963
Dinning, Alfred Ernest, B.A.	1933	Giersch, Leonard Ernst, B.A.	1943
Dinning, Rodney Alfred Brady, B.A.	1956	Gilchrist, Robert James	1950
Domani, Mary Gladys, B.A.	1961	Giles, James Ramsay, B.A.	1962
Donaldson, Pamela Margaret, B.A.	1961	Gilham, James Edgar, B.A.	1959
Donnellan, Teresa Marie, B.A.	1950	Gill, Clarence William, B.A.	1940
Dowdy, Norman James, B.A.	1949	Glastonbury, Dudley Ivan, B.A., B.Sc.	1935
Downs, George William, B.A.	1948	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Doyle, William Albert, B.A.	1964	Gliddon, William Aquilla Robert James, B.A.	1959
Driver, Bruce Edwin, A.U.A. (Arts and Education)	1965	Glynn-Roe, Wilfred Joseph	1950
Dunbar, Harry Edward, A.U.A. (Arts and Education)	1966	Gobbett, Donald Lyon, B.A.	1963
Dungey, Kevin Leonard, B.A.	1944	Gobbett, Estelle Margaret, B.A.	1963
Dunlop, Walter James, B.A.	1958	Goh, Kim Kee, Ivy, B.Sc.	1966
Dunn, Edith Marie, B.A.	1942	Golding, Edmond William, B.A.	1951
Dunn, John Gilding, B.A.	1963	Golding, Phyllis May, B.A.	1954
Dunn, Sydney Stephen, B.A.	1951	Goldney, David Charles, B.Sc.	1963
Dwyer, Ann Maud, B.A.	1964	Goldsmith, Robert Eric Lewis, B.Sc.	1965
Dyster, Colin, B.A.	1967	Goldsworthy, David, B.A.	1959
Dyster, Thomas, B.A.	1956	Goldsworthy, John Garfield, M.A.	1951
East, Mabel Margaret, B.A.	1965	Goldsworthy, Reuben, B.Sc.	1954
East, Vernon Roy, B.A.	1948	Gooden, Edgar Whitridge, B.Sc.	1959
Eckersley, Peter Douglas, B.A.	1965	Gooden, Rosalind Mary, B.Sc.	1961
Eckert, Lexley Frank	1951	Goodenough, Trevor John, B.Sc.	1965
Eden, Owen Frederick, B.Sc.	1951	Goodrich, Roy Stanley, B.Sc.	1966
Edgar, Heather Mary, B.A.	1960	Gould, Ian Morris, B.Sc.	1964
Edmonds, Richard Lewis, B.A.	1966	Graham, Mary Theresa, M.A.	1940
Edmonds, Ruth Iris Marie, B.Sc., A.U.A. (Arts and Educn.)	1965	Cray, Ian Howard, B.A.	1967
Edmonds, Thomas James, B.A.	1965	Green, Carlotta Rosina, B.A.	1966
Edwards, Carolyn Edith, B.Sc.	1965	Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.)	1961
Edwards, Philip Glen, B.Sc.	1961	Green, Richard Maslen, B.A.	1940
Edwards, Victor Wilfred Alcom, B.A.	1948	Greenlee, Charles Sydney, B.Sc.	1965
Elder, Audrey Olive, B.A.	1950	Griggs, Clarence Middleton, B.Sc.	1928
Eley, Agnes May, B.A.	1948	Grosvenor, Edna Mary, M.A.	1951
England, Gerald Clifford, B.A.	1962	Guerin, Lois Joy, B.A., A.U.A. (Phys.Ed.)	1965
England, Robert Keith, B.Sc.	1966	Gunn, James Allan Baikie, B.A.	1963
Esselbach, Rodney, B.A.	1958	Gunton, James Donald, B.A.	1940
Evans, Mary, B.A.	1941	Gurry, David Cyril, B.A.	1964
Ewers, William David, B.A.	1940	Hackett-Jones, Rosemary Frances, B.A., A.U.A. (Music)	1966
Eyers, Vivian George, B.Sc.	1959	Haden, John Forbes, B.A.	1955
Falkenberg, Walter Edwin, B.A.	1942	Haese, Frederick Ernest Douglas, B.A.	1952
Farmer, Helen Robinson, B.A.	1948	Haese, Kevin Arthur, A.U.A. (Arts and Education)	1966
Farrell, Edward Francis, B.A.	1944	Hague, John Stanley, B.A.	1961
Farrow, Murray Aubrey, B.A.	1947	Haines, Murray David, B.A.	1959
Farrow, Robert Murray	1956	Hall, Clifford Thomas Robert, A.U.A. (Arts and Education)	1967
Faull, James Francis, A.U.A. (Arts and Educn.)	1964	Hall, Valerie Lois, B.Sc.	1965
Featherstone, Dora Bewlay, B.A.	1923	Hallinan, John Michael, B.Sc. (Sydney)	1965
Fechner, Martin Johann Traugott, B.A.	1940	Hamilton, Neil Joseph, B.Sc.	1966
Fehlberg, Tasman Julius August, B.A.	1942	Hancock, Deane Glenn, B.Sc.	1965
Ferguson, George Robert, B.A.	1955	Hansberry, John Pierce, B.A.	1949
Field, Alan Kimber, B.A.	1958	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	1949	Juett, Christina Margaret, B.A.	1943
Harrip, Brian John, B.A.	1955	Kane, Leo William, B.A.	1965
Harris, Donald Dunstan, M.A.	1934	Karran, Peter Douglas, B.Sc.	1965
Harris, Dudley Andrew, B.A.	1940	Kean, Eileen Margaret, M.A.	1954
Harris, Elizabeth Ann, B.A.	1965	Keane, Mary Veronica, B.A.	1964
Harris, Lorna Muriel, B.A.	1950	Kearney, Bernard James	1949
Harris, Shirley Joyce, B.A.	1948	Kelly, Ellen, B.A.	1934
Harrison, Howard Raymond, B.A., B.Sc.	1964	Kelly, Frank Reginald	1961
Harrison, Henry Thomas, B.A.	1966	Kennett, Keith Franklin, A.U.A. (Arts and Education)	1965
Hart, Arthur Maxwell	1950	Kenny, Martin Lance, B.A.	1942
Hartmann, Galia Lynnette, B.A.	1965	Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947
Harvey, Judith Mary, B.A.	1966	Kerslake, William James	1942
Harvey, Mary Mignon Owen	1966	Kesting, Louis John, B.A.	1945
Harvie, Sydney Haral, B.Sc.	1938	Keynes, Nanette Joan, B.A.	1950
Haseloff, Milton Conrad, B.A.	1965	Khadajah, Karim, B.A.	1966
Hasenhor, Edward, B.A.	1952	Kies, Alick Andrew, B.A.	1948
Hashim, Aloyah, B.A.	1966	Kieselbach, Patricia, B.A.	1964
Haslam, Jonathan Alaneil, B.A.	1965	Kildea, Mary Francis, B.A.	1941
Hatwell, Neville	1966	Kimber, Robert James, B.A.	1964
Hauser, Frederick Herbert, B.A.	1934	Kingston, Patricia Joan, B.A.	1965
Hawke, Cynthia Joy, B.A.	1961	Kite, Helen Edith, B.Sc.	1966
Hayward, Walter Richard, B.A.	1937	Klaebe, Ruth Adelaide, B.A.	1951
Healey, Nora Kate, B.A.	1941	Kloeden, Louis Adolph, B.A.	1951
Heath, Carol Ann, B.A.	1966	Knauerhase, Oscar Carl, B.A.	1938
Heidenrich, George Bernhardt Franz, B.A.	1948	Knight, Russell William, B.A. (Econ.) (Manc.)	1958
Heinemann, Mervyn Lambert, B.A.	1948	Knowles, Martyn Carey, B.Sc.	1966
Helbig, Doris, B.A. (O'ld)	1966	Koehne, Raymond Percy, B.A.	1948
Henderson, Margaret Evelyn, B.A.	1960	Kohler, Bryce Leonard Percival	1955
Herman, Eugene, B.A.	1964	Kroemer, Maureen Annette, B.Sc.	1965
Hervey, Gordon Wayne, B.Sc.	1965	Kuhl, Dean Hasting, B.Sc.	1965
Heuzenroeder, John Mathwin, B.A.	1963	Laidlaw, William Clarke, B.A.	1940
Hew, Tong Moy, Helen, B.Sc.	1965	Lamacraft, Kenneth Ronald Ross, B.A.	1955
Hewitson, Helen Margaret, B.A.	1962	Lamborne, Maxwell Addison, B.A.	1963
Hewitson, Malcolm Thomas, B.A.	1955	Lamey, Charles Sydney, B.A.	1937
Hickey, Kathleen Veronica, B.A.	1950	Lang, Ian Philip, B.Sc.	1957
Hicks, John Buchanan, B.Sc.	1965	Lang, Samuel Brambley, B.A.	1966
Higginbottom, Edwin Corlett, B.A.	1929	Langford, Peter Angus, B.A.	1966
Higgins, Alfred James, B.A.	1950	Langwehr, John Scott, B.Sc.	1965
Higgs, Margaret Mary	1967	Laslett, Ian John, B.Sc.	1954
Hilbig, Paul Berthold, B.A.	1935	Latz, Clement Victor, B.Sc.	1963
Hill, Ivan William, B.Sc.	1964	Laubsch, Colin Andrew, B.Sc.	1958
Hill, John Albert, B.Sc.	1963	Lawlor, Margaret Cecilia, B.Sc.	1965
Hill, Robert Maxwell, B.Sc.	1965	Lawry, Reginald Arthur, B.A.	1947
Hilton, Arthur Robert, B.A.	1936	Lazaroff, Nicholas, B.Sc.	1964
Hirst, Ronald Robert, B.Ec.	1944	Leach, William Valentine, M.A., Dip.Econ.	1928
Hiskey, Thomas Alan, B.A.	1951	Leder, Gilah Chaja, B.A.	1965
Hodge, Brian Jack, B.A.	1965	Leditschke, Margaret Mary Caroline, B.A.	1959
Hodge, Warren David Payne, B.A.	1965	Legge, Flora, B.A.	1967
Hogarth, Thomas Arthur	1965	Lemcke, Vincent Andrew Howard, B.A.	1949
Holland, Joan, B.A.	1948	Le Mercier, Karin Isobel, B.Sc.	1967
Holley, Maurice Frederick, B.Sc.	1948	Lemmey, Ford Prall, B.A.	1955
Holmes, Angus Spooner, B.A.	1962	Leske, Elmore, B.A.	1960
Holmes, Patricia Langley, B.A., A.U.A. (Music)	1957	Lewis, Leonard Arthur, B.Sc.	1947
Honey, Anne Elizabeth, B.A.	1965	Lewis, Raymond Douglas, B.Sc.	1943
Hood, Morris Samuel James, B.A.	1965	Lewis, Richard Owen, B.A.	1959
Hooper, John Robert, B.A.	1960	Lewis, William Albert	1966
Horner, Frances Jane, B.A.	1962	Liew, Nyok Kheng, B.Sc.	1966
Hoskins, Howard Berthold, B.A.	1938	Lillecrapp, Douglas Arthur Julian, B.A.	1950
Howard, Ephrem, B.A.	1940	Lillywhite, Myra Jean, B.A.	1963
Howlett, Diana Rosemary, B.A.	1959	Lim, Yew Meng, B.Sc.	1966
Howlett, Nellie Ruth, B.A.	1944	Lindop, Arthur Clive, B.Sc.	1965
Howlett, Philip Thomas Michael, B.A.	1944	Lloyd, Edward John, B.Sc.	1964
Hume, Beryl May, B.A.	1960	Lochert, Paul Bertram, B.Sc.	1966
Humphries, Arthur Cecil George	1941	Loechel, Beverley Claire, B.Sc.	1966
Hunkin, Milton Philip, B.A.	1958	Lockwood, John, B.Sc.	1965
Hurn, Pamela Junette, B.A.	1964	Loffler, Donald Arthur, B.A.	1962
Hutson, Nicholas James, B.Sc.	1964	Longbottom, Maxwell Ernest, B.A.	1962
Hutson, Walter William	1965	Lord, Eric Ross, B.A.	1961
Hutton, Alan Victor, B.A.	1945	Lowke, John James, B.Sc.	1958
Hutton, Deane Winston, B.Sc.	1963	Luke, Eleanor Ann, B.A.	1966
Hyde, Alan Graham, B.Ec.	1955	Lush, Anita Rose, B.A.	1960
Hynes, Gertrude Doreen, B.A.	1966	Lushey, Harold Merton, M.A.	1930
Ingleton, Christine, B.A.	1966	Lynch, John Henry, B.A.	1950
Inglis, Norman John, B.Sc.	1965	Lyon, John Forbes, B.Sc.	1962
Ireland, Norman Arthur, B.A.	1966	McArthur, Donald Glen, B.A.	1965
Isom, Constance Ruth, B.A.	1924	McCarthy, Bernard, B.A.	1942
Jackson, Peter Alexander, A.U.A. (Arts and Education)	1942	McCracken, Samuel Raymond	1958
Jenkin, Alfred John Roseland, B.A.	1966	McCullough, Amy Margaret, B.A.	1945
Jenkins, Rex Desmond, B.A.	1939	McDonald, Donald Angus, B.Com. (Melb.)	1966
Jennings, Colin Bruce, B.Sc.	1943	McDonald, Elizabeth Margaret Alison, B.A. (W.Aust.)	1966
Johncock, Ernest Harry, M.A.	1965	McDonald, Donald Stuart, B.A.	1945
Jolly, William Richard Norman, B.A., B.Sc.	1929	McDonald, Gilbert Sherman, B.A.	1934
Jones, Albert Walter, B.A., B.Sc.	1939	McDonald, John Hunter, B.A.	1936
Jones, Jeannette Rosemary, B.A.	1939	McDonald, Percy William, B.A.	1940
Jones, Michael John, B.A.	1965	McDonald, Peter Baker, B.A.	1957
Jones, Reginald John, B.A.	1962	McElroy, Anthony Godfrey	1947
Jordan, Deirdre Frances, B.A.	1954	McElroy, Barrie Ivon	1967
Jovanovic, Jorg Gerhard, B.A.	1951	McEvoy, Aloysius John, B.A.	1942
Judd, James, B.A.	1967		
	1956		

McFarlane, Jill Susan, B.A.	1966	Mulvihill, John Christopher	1967
McGowan, George Murray, B.A.	1940	Mundy, Barry John, B.Sc.	1966
McGuire, Anthony Christopher, B.A. (Diploma in Secondary Educn., 1962)	1960	Mundy, Kevin Arnold, B.A.	1942
McIntosh, Florence	1945	Munn, Jeffrey Lewis, B.Sc.	1966
McKay, Malcolm William, B.A.	1938	Murphy, Deirdre Mary, B.A.	1966
MacKenzie, Helen Marie, B.A.	1966	Murphy, Joan Beverley	1967
McKinnon, Robert Campbell, B.A.	1936	Murphy, Mary, B.A.	1938
McLean, Murray Colin, B.A.	1951	Murphy, Shylie Patricia, B.A.	1948
McLean, Reginald Alexander, B.A.	1936	Murphy, Warren James	1967
McLeod, Janet Gertrude, B.A.	1965	Murrie, Jill Margaret, B.A.	1957
McMillan, Stanley Lyall, B.A., B.Sc.	1960	Nancarrow, Brian James	1967
McMutrie, Alfred Ian, B.A.	1939	Natar, Mary Ruth	1966
McMutrie, Colin, B.A.	1939	Nettelbeck, David Clive, B.A.	1962
McPharlin, Alison Tudor, B.A.	1957	Ngui, Sui Lin, Paul, B.Sc.	1965
McPherson, Alexander Owen, M.A., B.Sc.	1939	Nicholas, Rowland John, B.A.	1944
McPherson, John Roger, B.A.	1966	Nicholls, Barbara Ruru, B.A.	1947
Macklin, Laura Muriel Caterer, B.A.	1939	Nichols, Terence Ivan, B.Sc.	1962
Macklin, William Charles, B.Sc.	1956	Nichterlein, Frieda Pauline, B.A.	1955
Macpherson, Reginald Murray, B.A.	1948	Nickolai, Max Ronald, B.Sc.	1955
Magarey, Susan Margaret, B.A.	1966	Nicol, Gary John	1965
Magor, Clifford James, M.A.	1945	Nietz, Arno Oscar, B.A.	1953
Magor, Irvine Frank, B.A.	1943	Nimon, Maureen Patricia, B.A.	1966
Magor, William Alwyn Roy, A.U.A. (Arts and Educn.)	1963	Ninnes, Alan Herbert, B.Sc.	1965
Manhood, Cleve Charles, B.A.	1964	Ninnes, Arthur Reginald, B.A.	1944
Maniatis, Niklas, B.A. (A.N.U.)	1966	Nitschke, Peter John, B.Sc.	1964
Mann, Airdrie Jean, B.A.	1961	Noblett, Hedley Lindsay, B.A.	1939
Manser, William Lloyd, B.A.	1964	Northey, Helen Louise, B.Sc.	1966
Mansfield, Richard Charles	1966	Nottle, Geoffrey Edward, B.A.	1959
Manuel, Deane James Hubert, B.Ec.	1952	Noye, Brian John, B.Sc., A.U.A. (Arts and Education)	1966
Marks, Donald Adrian, B.Ec.	1965	Nunan, Douglas Stephen, B.A.	1963
Marks, Monica Mary, B.A.	1960	Nunan, Edward Ernest, B.Sc.	1966
Marlow, Christopher Roy, B.Sc.	1966	O'Brien, Francis John Romuald, B.A.	1954
Marsh, Douglas Stanton, A.U.A. (Arts and Educn.)	1964	O'Callaghan, Basil Charles	1966
Marsh, William Clarence	1966	Ockenden, Garth Palmer	1950
Marshall, Herbert Edmund, B.A.	1941	O'Connell, William Bernard, M.A.	1945
Marshall, William Edward	1967	O'Connor, Deirdre Catherine, B.A.	1958
Marshman, Ashley Mead, B.A.	1950	O'Connor, Peter Joseph, B.A.	1955
McLay, Andrew Harold, B.A.	1954	O'Grady, Maureen Therese, B.Sc.	1963
Martin, Alfred William, B.A.	1953	O'Hara, Norah Philomena, B.A. (Melb.)	1966
Martin, Amalia Anna, B.A.	1941	O'Malley, John Edwin, B.A.	1949
Martin, John William, B.A.	1966	O'Neill, Cornelius Patrick, B.A.	1951
Martin, Lesley Meredith, B.A.	1963	O'Neill, Marguerite, B.A.	1950
Martin, Maurice Leon, B.A., B.Sc.	1955	Ooi, Eam Beng, B.Sc.	1965
Martin, Ralph Keith, B.A.	1948	Osman, Nelle, M.A.	1948
Martin, Walter Raymond, B.A.	1941	Ottens, Graham John, B.Sc.	1965
Maschmedt, Zillah Daisy, B.A.	1940	Owen, Gwennyth Winsome, B.A.	1945
Mason, Neil, B.A.	1966	Page, Eleanor Florence, B.A.	1943
Masters, Bernard Lincolne, B.A.	1960	Page, Ronne Earle, B.A., A.U.A. (Phys. Ed.)	1965
Matters, Desmond Eric, B.A.	1959	Pak-Poy, Patricia Geraldine, B.A.	1964
Matters, Horace John	1950	Pallant, Donald James, B.A.	1962
Matthews, Richard Trahair, B.A.	1943	Palmer, John Oram, B.A. (N.E.)	1966
Mattingley, Brian John, B.A.	1939	Palmer, Reginald Ernest	1967
Mattner, Aubrey Laurence, B.Sc.	1964	Parish, Vanessa Margaret Scott	1965
May, Dorothy Mary, B.A.	1948	Parkes, Roy Frederick Walter	1952
May, Elizabeth Ann, B.Sc.	1964	Parkinson, Geoffrey William, B.A.	1965
May, Leonard Seymour, B.Sc.	1939	Parkinson, Kevin John, B.Sc.	1955
Mayer, Rolph William, B.A.	1964	Parsons, Colin, B.A.	1959
Maynard, Donald Archer Scott, B.Sc.	1940	Parsons, Edward Clarence, B.A.	1941
Maynard, Robert Keith, B.Sc.	1964	Parsons, Robert Allan, B.Sc.	1966
Maguire, John Charles, B.A.	1947	Parsons, William Ross, B.A.	1951
Measday, Ellen May, B.A.	1949	Pash, Hannah Rita, B.A.	1934
Measday, Shirley, B.A.	1943	Patching, Allan Ralph, B.Sc.	1964
Middleton, Melville John William, B.A.	1943	Patterson, Conrad Brenton, B.A.	1965
Milbank, Ian Richard, B.A.	1966	Patterson, Reginald Lindsay, B.A.	1966
Milburn, Elizabeth Mary, B.A.	1965	Paul, Alec Gordon, M.A., B.Sc.	1934
Miller, Annie Rose, B.A.	1948	Paul, Gwenda Helen, B.A.	1966
Mills, John Murray, B.A.	1959	Payne, George Basil, B.A.	1938
Mills, John Johnson, B.A.	1939	Payne, Jennifer May	1966
Milne, Annie Johnson, B.A.	1965	Peacock, Dennis Peter, B.A.	1965
Milne, Kenneth James, B.Sc.	1960	Pearce, Alfred Moreton, B.A.	1953
Mitchell, Albert Leonard, B.A.	1938	Pearce, Charles Clifton, B.A.	1940
Mitchell, Annie Nora	1964	Pearman, Reginald John, B.Sc.	1957
Mitchell, Robert John, B.Sc.	1959	Pearson, Howard James, B.A.	1941
Mitchell, Zonne Marion, B.A.	1966	Pearson, Leslie Norman, B.A.	1943
Mitton, Madge Winifred, B.A.	1951	Pederick, Leith Hubert, B.Sc.	1966
Molloy, Raymond Brian, B.A.	1966	Pederson, Martin John	1944
Moore, Elizabeth Douglass, B.A.	1960	Pedlow, Clarice, B.Sc.	1953
Moore, John Robert, B.A. (Western Australia)	1958	Pennicott, Ralph William	1945
Moore, Neville Stanley, B.A.	1967	Pennington, Beryl, B.A.	1930
Morgan, Grant Maxwell, B.A.	1967	Penny, Hubert Harry, B.A.	1968
Morris, David George	1954	Penny, Roger Stephen	1941
Morris, John Lennox, B.A.	1961	Perry, Dulcie May, B.A.	1953
Morris, Maxwell Arthur, A.U.A.	1958	Peters, George Francis, B.Sc.	1942
Mudge, Margaret, B.A.	1954	Peterson, Jean Clarice, B.A.	1966
Mueller, Edwin Albert, B.A.	1954	Pfizer, Julian Paul, B.Sc.	1965
Mueller, Rae Vernon, B.Sc.	1941	Phillips, Brian Douglas, B.Sc.	1947
Muetzfeldt, Elfriede, B.A.	1962	Phillips, Gordon Gilbert, B.A.	1963
Mugford, Rex Ernest, B.A.	1962	Phillips, William John, B.A.	1966
Mules, Betty Lavina, B.A.	1950	Pinder, Claude Jack	1949
		Pitman, Beresford Ernest, B.A., B.Sc.	

Pitman, David Arthur Alfred	1966	Senior, Lionel Rupert, B.A., B.Sc.	1963
Polgiasce, David Llewelyn	1967	Seward, Catherine Anne	1967
Polkinghorne, Keith, B.A.	1969	Sexton, Edgar Raymond, B.A.	1935
Porter, Harold George, B.A.	1942	Sharman, Florence Mary, M.A.	1923
Porter, Rosemary, B.A. (Western Australia)	1967	Shaw, Joan Hambly, B.A.	1964
Potter, Dennis Robert, B.Sc.	1966	Shaw, John Robert Stockdale, M.A.	1942
Potter, James Downing, B.Sc.	1965	Shaw, Kate Hambly, B.A.	1937
Power, Frances Maureen, B.A.	1956	Shepherd, John Alfred, B.A.	1942
Prest, Robert Henry, B.A.	1960	Shinkfield, Anthony James, B.A.	1957
Price, Ione Dorothy, B.A.	1949	Shrowder, Ronald Louis, B.A.	1943
Price, Judith Helen, B.Sc.	1963	Simpson, Brian Clifton, B.Sc.	1965
Prime, Andree Joyce, B.A.	1949	Simpson, Penelope Margaret, B.Sc.	1953
Proctor, Ivy Millicent, B.A.	1939	Sims, William George, B.Sc.	1967
Provis, Douglas Franklin, B.Sc.	1953	Slaughter, Terence Davoren	1967
Pryor, Eric John, B.A.	1941	Slaytor, William John Hayden, B.A.	1965
Puckridge, James Terence Winston, B.A.	1965	Slee, Dugald Haughton, B.A., B.Sc.	1940
Purslow, Martin, B.A.	1956	Sloan, Robert David, B.A.	1965
Pyne, Maurice Ignatius, B.A.	1929	Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951
Quigley, Brian Maxwell, B.A., A.U.A.		Smallcombe, Roy Frederick, B.A.	1955
(Phys.Ed.)	1966	Smith, Alick Hardy, B.A.	1963
Quigley, Francis James Leo	1967	Smith, Charles Bruce Powell	1965
Rabone, Elaine Thelma, B.A.	1961	Smith, David Carswell, B.A.	1939
Rabone, Harry Klemens Percival, B.A.	1941	Smith, Donald Powell, A.U.A.	1962
Radcliffe, Sheila, B.A.	1953	Smith, Edward Rowland, B.Sc.	1945
Ramsey, Gregor Allen, B.Sc.	1961	Smith, George Maxwell, B.A.	1965
Ratliff, Julian Wayne, B.Sc.	1966	Smith, Jennifer Stewart, B.Sc.	1966
Rattley, John Anthony Charles, B.Sc.	1966	Smith, Joan Francis, B.A.	1953
Rawnlesy, Stella, B.A.	1963	Smith, John Fife, B.A.	1939
Ray, Marjorie, B.A.	1951	Smith, John Henderson, B.Sc.	1965
Read, John Herbert, B.A.	1959	Smith, John Henry, A.U.A.	1955
Read, Phillip Andreas, B.A.	1941	Smith, Kevin William, B.Sc.	1965
Read, Wendy Margaret, B.A.	1965	Smith, William Frederick, B.Sc.	1965
Reade, Robert Victor, B.A.	1966	Sobey, Iris Beatrice, B.A.	1956
Redden, Martin Philip, B.A.	1934	Sodhy, Sheila, B.Sc.	1966
Redin, Lewis Charles, B.A.	1959	Spargo, Stanley Carr, B.A.	1939
Redman, Susan Paquita, B.A.	1964	Sparrow, Lorna Discombe, M.A.	1941
Redpath, Lynda Rosamond, B.A.	1964	Spratt, James Arthur Henry, B.A., B.Sc.	1963
Redstone, Frank, B.A.	1960	Staufe, Clarence Herman, B.A.	1958
Reed, Barbara	1954	Stanley, Raymond John	1958
Rehn, Denzil Farnham, B.A.	1958	Stead, Sydney Arnold, B.Sc.	1949
Rendell, Alan, Dip.Econ.	1929	Steinle, John Richard, B.A.	1959
Renner, Johannes Theodore Erich, B.A.	1954	Stephenson, Dorothy Joan, B.A.	1965
Reynolds, Christopher Lewis, B.A. (Oxford)	1967	Stevens, Julia Loveday, B.A.	1965
Reynolds, Maxwell Stanley, B.A.	1950	Stewart, Doris Maud, B.A.	1966
Richards, Anthony Howard, B.Sc.	1966	Stodart, Barbara Joan, B.A.	1957
Richards, Gordon Alfred, B.A.	1940	Stoll, Ruth Sophie, B.A.	1965
Richards, William Edward, B.A.	1953	Storch, Wilhelm Murray, B.A.	1949
Richardson, Ruth Mary Desmond	1958	Strahan, Anthony William, B.A.	1939
Ridgway, Phillipa Mary	1967	Stretton, Helena Margaret, B.Sc.	1965
Riedel, Felix Daniel, B.A.	1954	Sugg, Bentham Horace, B.A.	1940
Rigter, Gerard Theodore Joseph, B.A.	1963	Swanson, Albert Frederick Daniel, B.A.	1960
Roberts, Beatrice Erid Lloyd, B.A. (Bristol)	1957	Sweeney, Mary Ryan, B.A. (Diploma in Pre- Primary Education, 1943)	1939
Roberts, Jennefer Mary, B.A.	1960	Swincer, Susan Mary, B.A.	1966
Roberts, John Desmond, B.A.	1960	Symonds, Wybert Milton Caust, B.Sc.	1939
Roberts, Roy, B.A.	1961	Tabor, Barbara, B.A.	1963
Robins, Robert William	1966	Tapp, Adrian Lynda, B.A.	1928
Robinson, Samuel Foster	1922	Taylor, Brian John	1966
Robson, Bruce Neville, B.Sc. (Tasmania)	1956	Taylor, Patricia Joan, B.A.	1965
Rodgers, Frances Ada, B.A.	1938	Ternan, Verna Joyce, B.A.	1945
Roehrs, Herna Erika, B.A.	1953	Theobald, Howard Wesley	1954
Rogers, Ruth Nellie, B.A.	1956	Thiel, Colin Victor, B.Sc.	1962
Rohrlach, Kenneth Deane, B.Sc.	1965	Thiele, Colin Milton, B.A.	1947
Rooney, Clifford, B.Sc.	1938	Thompson, Anthony William, B.Sc.	1965
Rooney, Lois Josephine, B.A.	1948	Thompson, Douglas Norman, B.Sc.	1955
Ross, Margaret Anne, B.A.	1964	Thompson, Elaine Joyce, B.A.	1967
Routley, Peter Herbert, B.A.	1960	Thompson, Meryl Joan	1966
Rudd, Kenneth Clive, B.A.	1947	Thompson, William, B.A.	1941
Rumbelow, Denis, B.Sc.	1966	Thompson, William Douglas, B.Sc.	1967
Rumpff, Sally Anne, B.A.	1964	Thorpe, Geoffrey William, B.A.	1961
Ryan, Brendan Patrick, B.Sc.	1964	Tilbrook, Percival Montrose Torr, B.A.	1964
Ryan, Michael Rupert, B.A.	1941	Tilby, Jenis Marie, B.A.	1967
Sage, Harold Robert, B.A.	1954	Tiller, Kenneth Matthew John, B.A., B.Sc.	1956
Salkeld, Jennefer Anne Vickridge, B.Sc.	1964	Tillett, Peter Irwyn, B.Sc.	1958
Sandercock, Alfred Mervyn, B.A.	1938	Tilly, Graham John, B.Sc.	1960
Sandry, Peter Lennard, B.Sc.	1966	Ting, King Yii, Thomas, B.Sc.	1966
Sando, Clarice Melva	1955	Tomlinson, Betty Mary, B.A.	1950
Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957	Tonkin, Mary Elizabeth, B.A.	1952
Saunders, Graham Edward, B.A.	1962	Tonkin, Verna Iris, B.Sc.	1964
Schahinger, Janine Edith, B.A.	1965	Torr, Shirley Constance	1944
Schober, Elizabeth Pauline, B.A.	1967	Townsend, Herbert Louis, B.A.	1945
Scholefield, Judith Ellen, B.A.	1966	Traeger, Keith Terence, B.A.	1950
Schubert, David Arthur, B.A.	1965	Treasure, Eunice Jessie, B.A.	1947
Schubert, Heather Jenn, B.A.	1964	Treasure, Valda Beth, B.A.	1953
Schultz, Roland Felix, B.A.	1965	Trebilcock, David, B.A.	1964
Scott, Patricia Anne, B.A.	1965	Trebilcock, Donald Ray, A.U.A. (Arts and Education)	1965
Scriven, Murray Walter, B.A.	1960	Tregenza, Allan Arthur, B.A.	1965
Searle, Clifford Alfred James, B.A.	1940	Tregenza, Sydney Lloyd, B.A.	1935
Secombe, Margaret Joyce, B.A.	1964		
Seidel, Ronald Desmond, B.Tech.	1966		
Seifried, Ethne Helen, B.A.	1965		

Trenorden, James Henry	1945	Welsh, James Oglesby, B.A.	1951
Trotter, Claudia Annette, B.A.	1965	Werc, Keith Francis, B.A.	1962
Trudinger, Ronald Martin, B.A.	1944	Wesley Smith, Henry Elliott, B.A.	1938
Truran, John Maxwell, B.A.	1965	Wesley Smith, Sheila Isabel, B.A.	1947
Tucker, Neil William, B.A.	1966	Westgarth, Walter Tebbie, B.A.	1928
Tucker, Robert, B.A.	1965	Whalan, Lionel Walter, B.A.	1950
Tuckwell, Eric Clavering, B.A.	1945	Wheaton, Neville Kingsley, B.Sc.	1960
Tuckwell, Kenelm Sinclair, B.A.	1945	Whitburn, Jack, B.A.	1935
Tulloch, David Gerald	1965	White, Jillian Dawn, B.A.	1966
Turner, Constance Mary, B.A.	1954	White, Stanley Noel, B.A.	1957
Twartz, Arnold Frederick, B.Sc.	1944	Whitelaw, Albert James, B.A., B.Sc.	1945
Twartz, Clement Wilford	1950	Whittle, Edith Julia, B.A.	1954
Tzerefos, John Con, B.Sc.	1967	Wiese, Margaret Helen, B.A.	1960
Ukkrapandian S/O Sankaran, B.Sc.	1967	Wiley, John Arthur	1967
Underdown, Helen Margaret, B.A.	1967	Wilkins, Ray Eber, B.A.	1950
van Dulken, Thomas Bernhard, B.Sc.	1965	Wilkinson, Donald Cameron, B.A.	1955
Van Velsen, Carolyn Marie, A.U.A.		Wilkinson, Helen Rosemary, B.A.	1965
(Phys.Ed.)	1966	Wilksch, Betty Ruth, B.A.	1953
Verrall, Raymond Wilfred, B.A.	1942	Wilksch, Lois Ruth, B.A.	1962
Vickery, Frederick Arthur, M.A.	1935	Willocks, Robert Douglas, B.Sc.	1954
Wache, Ethel Mabel, B.A.	1941	Williams, Arthur Charles, B.Sc.	1955
Wachtel, Heinrich Lenhart, A.U.A.	1956	Williams, Dawn Ellen, B.A.	1965
Wagner, Mervyn Arthur, B.Sc.	1967	Williams, George Esson Keith, B.A.	1941
Wagstaff, Rosemary, B.A.	1963	Williams, George Mervyn, B.Sc.	1957
Waite, Jack Francis Enos, B.A.	1939	Williams, James Henry, B.A.	1922
Waite, Jill Shergold, B.A.	1965	Williams, Phillip Glenly, B.A.	1943
Waite, Peter John, B.Sc.	1964	Williams, Roger John, B.Sc.	1966
Wakeford, Sidney Claud, B.A.	1939	Williams, Rona Lynette	1960
Walker, Gilbert John, B.A.	1944	Williams, Walter Leslie, B.A.	1949
Wallace, Francis Joseph	1953	Willington, Lloyd Stanley	1950
Walsh, Margaret Mary, B.A.	1960	Willis, James Charles, B.A.	1967
Walter, Denys	1955	Wills, Lindsay Arthur, B.A.	1956
Walter, Barbara Katherine, B.A.	1965	Wiisen, Jennifer May, B.A.	1967
Ward, June	1967	Wilson, Avis Jean, B.Sc.	1958
Ward, Margaret Kennings, B.A.	1953	Wilson, Francis Patrick	1943
Ware, Dorothy Alice, B.A.	1962	Wilson, Jack Woodrow, B.Sc.	1943
Warren, Barry John, B.Sc.	1966	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Warren, Donald Hampton, B.A.	1955	Wilson, Murray James, B.Sc.	1965
Warren, Sidney Lilla, B.A.	1927	Winter, Robert John, B.Sc.	1965
Waterson, Ian Craig, B.Sc.	1965	Wiseman, Roger, B.Sc.	1967
Watkinson, Mavis Daphne, B.A.	1942	Withall, Marilyn Dumas, B.A.	1967
Watson, Ian Morse, B.A.	1965	Wong, Swee Ning, Gloria, B.Sc.	1947
Wattchow, Colin Edward, B.A.	1954	Wood, Allen Edwin, B.A.	1959
Watts, Ruth Emily, B.A.	1964	Wood, Colin James, B.A.	1939
Wauchope, Mavis Lorelie, B.A.	1929	Wright, Angus Stanley, B.Sc.	1967
Waugh, William McDonald, B.A.	1952	Wright, Barrie James McGregor, B.A.	1966
Wayne-Smith, Reginald John	1953	Yap, Lynette	1959
Webb, Emmaline Nancy, B.A.	1952	Yelland, Kathleen Norah, B.A.	1964
Webber, Allan Thomas, B.Sc.	1967	Young, Caroline Agnes, B.A.	1964
Webber, Brian John, B.Sc.	1963	Young, Joan Margaret, B.A.	1967
Webber, Ian James, B.Sc.	1963	Young, Malcolm John, B.Sc.	1949
Webber, Ian Muriel, B.A.	1959	Zoratti, Alba Pierina, B.A.	1962
Webber, Margaret Elisabeth, B.A.	1964	Zweck, John Everard, B.A.	1962

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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.

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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
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