

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1967

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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 £20,000 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 £20,000, 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 £10,000, 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 £40,000; the limit of the subsidy on endowments has been raised from time to time by Parliament until it is now £40,000 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 1965 the University had conferred 12,425 degrees and 5,255 diplomas by examination, and 841 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 £343,000 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 for 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 of 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 £210,000 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 £50,000 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. The building programme approved for the six years covered by the two reports at a cost exceeding £3,000,000, to be met jointly by the Commonwealth and the State, provided for new buildings for Arts-Economics-Law, 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. The reports also made provision for an increasing annual income to the University designed to provide for the rapidly growing demands upon it.

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—£20,000 to endow chairs in Classics and Philosophy;
- Sir Thomas Elder—£20,000 to endow chairs in Mathematics and Natural Science, £31,000 to endow the medical school, £21,500 to endow the school of Music, and £26,000 as an endowment for general purposes;
- R. Barr Smith and family—£20,000 as an endowment for the purchase of books for the University Library; T. E. Barr Smith—£34,000 for a building for the Library, and £10,000 for the purchase of books; Sir Tom Barr Smith—£30,000 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 £129,000 to advance the cause of education in Agriculture, Forestry and allied subjects;
- The family of the late John Darling—£15,000 for a building for the Medical School, and £10,000 for a laboratory for soils research at the Waite Institute;
- Mrs. Jane Marks—£30,000 endowment for the Medical school;
- Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£20,900 (estimate) for the advancement of Medical research (subsequently increased by capitalisation of £10,000 accumulated income);
- The Hon. Sir Langdon Bonython—£20,000 to endow the Chair of Law, and £52,000 for a Great Hall;
- Miss M. T. Murray—£53,300 (estimate) for general purposes;
- Sir George Murray—£10,000 for a Men's Union Building, and £79,700 (estimate) for general purposes;
- Edward Neale—£29,000 (estimate) for Medical Research;
- Mrs. R. F. Mortlock and Mr. J. T. Mortlock—£25,000 for research into soil erosion and the regeneration of pastures; a bequest of £5,000 from Mrs. R. F. Mortlock for cancer research; £20,000 from Mr. J. T. Mortlock for scientific research in the Medical School; and £10,000 from Mrs. J. T. Mortlock for pastoral research;
- Sir William Mitchell—£20,000 to endow the Chair of Biochemistry, and £5,000 for the purchase of books for the Library;
- F. Lucas Benham—£51,400 (estimate) to encourage the study of natural history;

Hugh Hughes—£35,100 (estimate) for pastoral research;
The Broken Hill Pty. Co. Ltd.—£15,000 to endow the Chair in Mining and Metallurgy, £10,000 towards founding a Chair in Economic Geology, and £5,000 towards founding Chairs in Electrical and Mechanical Engineering;
North Broken Hill Ltd., £17,500, and Broken Hill South Ltd. and The Zinc Corporation Ltd., each £10,000 towards founding a Chair in Economic Geology;
Mrs. G. Hastings—£50,000 for the promotion of medical research with a bequest (in 1955) of another £100,000 and the residue of her estate for the same purpose;
Sewell Myers—£20,000 for research into leukemia;
Mr. and Mrs. S. McGregor Reid—more than £90,000 for cancer and medical research;
George Gollin—£20,000 to endow the Chair of Economics;
Reginald Walker—£35,000 (estimate) for general purposes;
Mrs. Dora Holdsworth—£35,000 (estimate) for medical research;
Miss Frances G. McLaughlin—£18,000 (estimate) for cancer research.

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 Ourselves 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. Council out of their own body.

* (3) The Vice-Chancellor shall, in all cases, be elected by the

* (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 }
 Richard B. Andrews, Solicitor, Adelaide. }

W. W. HUGHES (L.S.)

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 hereinbefore 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 1967

TERMS:

First Term: March 6—May 13.

Second Term: June 5—August 5.

Third Term: August 28—December 9.

Lectures will cease in some cases in the week ending October 21
and in others in the week ending October 28.

JANUARY

1967.

- Sun. 1 Commonwealth inaugurated 1901.
- M. 2 Public Holiday—celebration of New Year's Day.
- 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.
Faculty of Medicine—8 p.m.
- M. 9 **LAST DAY OF ENTRY** for the Special Degree and
Diploma Examinations to begin on January 23.
Faculty of Law—4.30 p.m.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 10 Faculty of Science—2 p.m.
- W. 11 Faculty of Arts—2 p.m.
Faculty of Engineering—3.30 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 16 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Tu. 17 Last day of entry for the Supplementary Matriculation
Examinations to held in February.
- M. 23 Special Degree and Diploma Examinations begin.
- W. 25 Faculty of Technology and Applied Science—10 a.m.
- F. 27 Finance Committee—2.20 p.m.
- M. 30 Public Holiday: celebration of Australia Day.
- Tu. 31 Faculty of Agricultural Science—2.15 p.m.
Hospital Year begins.
-

FEBRUARY

- W. 1 ENROLMENTS IN ARTS, MEDICINE, DENTISTRY,
PHYSIOTHERAPY, TECHNOLOGY, APPLIED
SCIENCE AND PHARMACY BEGIN.
Faculty of Economics—4 p.m.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- M. 6 ENROLMENTS IN ALL COURSES OTHER THAN
ARTS, MEDICINE, DENTISTRY, PHYSIOTHERA-
PY, TECHNOLOGY, APPLIED SCIENCE AND
PHARMACY BEGIN.
Supplementary Matriculation Examinations may begin.
Faculty of Law—4.30 p.m.
- Tu. 7 Standing Sub-Committee of the Education Committee—
10.15 a.m.
Faculty of Science—2 p.m.
- W. 8 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. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 10 LAST DAY OF ENROLMENT IN TECHNOLOGY,
APPLIED SCIENCE AND PHARMACY.
- M. 13 Advisory Committee of the University and the R.A.H.—
5 p.m.
- Th. 16 Education Committee—2 p.m.
- F. 17 LAST DAY OF ENROLMENT.
- M. 20 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.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 24 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.

MARCH

- W. 1 Faculty of Economics—4 p.m.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- S. 4 Long Vacation Ends.
- M. 6 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. 7 Faculty of Agricultural Science—2.15 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 13 LECTURES BEGIN.
Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 14 Standing Sub-Committee of the Education Committee—
10.15 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.
- M. 20 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 23 Education Committee—2 p.m.
- F. 24 GOOD FRIDAY
- M. 27 EASTER MONDAY
- F. 31 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

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- M. 3 Faculty of Law—4.30 p.m.
Tu. 4 Faculty of Agricultural Science—2.15 pm.
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 Advisory Committee of the University and the R.A.H.—
5 p.m.
Tu. 11 Standing Sub-Committee of the Education Committee—
10.15 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 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.
Tu. 25 ANZAC DAY.
W. 26 ANNUAL COMMEMORATION — FIRST CEREMONY
—3 p.m.
F. 28 Finance Committee—2.20 p.m.
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MAY

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- M. 1 Faculty of Law—4.30 p.m.
- Tu. 2 Faculty of Agricultural Science—2.15 p.m.
- W. 3 ANNUAL COMMEMORATION —
SECOND CEREMONY—3 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 Board of Research Studies—10.15 a.m.
Faculty of Economics—4 p.m.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 9 Standing Sub-Committee of the Education Committee—
10.15 a.m.
Faculty of Science—2 p.m.
Faculty of Technology and Applied Science—2 p.m.
Faculty of Engineering—3.30 p.m.
- W. 10 ANNUAL COMMEMORATION—
THIRD CEREMONY—3 p.m.
- Th. 11 Faculty of Arts—2 p.m.
Faculty of Architecture and Town Planning—2.15 p.m.
- Sa. 13 UNIVERSITY FIRST TERM ENDS.
- M. 15 University first short vacation begins.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- W. 17 Postgraduate Committee in Medicine—8 p.m.
- Th. 18 Education Committee—2 p.m.
- Sa. 20 Conservatorium first term ends.
- M. 22 Conservatorium first short vacation begins.
- F. 26 Finance Committee—2.20 p.m.
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 JUNE

- 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.
- Sa. 3 University and Conservatorium first short vacation ends.
- M. 5 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. 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.
- F. 9 Board of Research Studies—10.15 a.m.
- M. 12 Public Holiday: celebration of Queen's Birthday.
- Tu. 13 Standing Sub-Committee of the Education Committee—
10.15 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.
- M. 19 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.
- F. 30 Finance Committee—2.20 p.m.
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For the 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. 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.
- M. 10 Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 11 Standing Sub-Committee of the Education Committee—
10.15 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.
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.
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AUGUST

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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.
- Sa. 5 University Second Term ends.
LAST DAY OF ENTRY FOR THE DEGREE AND
DIPLOMA EXAMINATIONS TO BE HELD IN
NOVEMBER.
- M. 7 University second short vacation begins.
Faculty of Law—4.30 p.m.
- Tu. 8 Standing Sub-Committee of the Education Committee—
10.15 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.
Postgraduate Committee in Medicine—8 p.m.
- Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
- Sa. 12 Conservatorium second term ends.
- M. 14 Conservatorium second short vacation begins.
Public Examinations Board—2.15 p.m.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Th. 17 Education Committee—2 p.m.
- M. 21 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 25 Finance Committee—2.20 p.m.
- Sa. 26 University second short vacation ends.
- M. 28 UNIVERSITY THIRD TERM BEGINS.
- Th. 31 Last day of entry for PUBLIC EXAMINATIONS to be
held in November.
-

SEPTEMBER

- F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- Sa. 2 Conservatorium second short vacation ends.
- M. 4 Conservatorium third term begins.
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 Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 12 Standing Sub-Committee of the Education Committee—
10.15 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 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 Music and the Art of Speech examinations, see
A.M.E.B. Manual.

OCTOBER

- M. 2 Faculty of Law—4.30 p.m.
Advisory Committee of the University and the R.A.H.—
5 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 Public Holiday: Eight-hour Day.
- Tu 10 Standing Sub-Committee of the Education Committee—
10.15 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 Public Examinations Board—2.15 p.m.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- Th. 19 Education Committee—2 p.m.
- Sa. 21 Lectures in some Departments end.
- M. 23 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
22.
- F. 27 Finance Committee—2.20 p.m.
- Sa. 28 All lectures end.
- Tu. 31 Faculty of Agricultural Science—2.15 p.m.
-

NOVEMBER

- W. 1 Faculty of Economics—4 p.m.
- Th. 2 Faculty of Dentistry—5 p.m.
- F. 3 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- M. 6 DEGREE AND DIPLOMA EXAMINATIONS, IN
GENERAL, BEGIN.
Faculty of Law—4.30 p.m.
- Tu. 7 Standing Sub-Committee of the Education Committee—
10.15 a.m.
Faculty of Science—2 p.m.
- W. 8 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. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 13 Advisory Committee of the University and the R.A.H.—
5 p.m.
- Th. 16 Education Committee—2 p.m.
- M. 20 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- W. 22 Senate—8 p.m.
Election of Members of the Council, of the Standing Com-
mittee of the Senate, and of the Warden and the Clerk
of the Senate.
- Th. 23 PUBLIC EXAMINATIONS BEGIN.
- F. 24 Finance Committee—2.20 p.m.
- Tu. 28 Standing Sub-Committee of the Education Committee—
10.15 a.m.
Faculty of Agricultural Science—2.15 p.m.
- Th. 30 Faculty of Architecture and Town Planning—2.15 p.m.
Faculty of Dentistry—5 p.m.
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DECEMBER

- F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- Sa. 2 Conservatorium third term ends.
- M. 4 Board of Research Studies—10.15 a.m.
Faculty of Law—4.30 p.m.
- Tu. 5 Faculty of Science—2 p.m.
- W. 6 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. 7 Education Committee—2 p.m.
- Sa. 9 Academic Year ends.
- M. 11 Advisory Committee of the University and the R.A.H.—
5 p.m.
- F. 15 Finance Committee—2.20 p.m.
- M. 18 Advisory Committee of the University and the Q.E.H.—
5 p.m.
- W. 20 Council—2.20 p.m.
- Th. 28 Public Holiday: Proclamation Day.
-

JANUARY

1968. *Note:* Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1968, may be found in the enrolment leaflet.
- M. 1 Public Holiday: New Year's Day.
- 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 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 Advisory Committee of the University and the Q.E.H.—5 p.m.
- Tu. 16 Last day of entry for the Supplementary Matriculation Examinations to be held in February.
- M. 22 SPECIAL DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
- W. 24 Faculty of Technology and Applied Science—2 p.m.
- F. 26 Finance Committee—2.20 p.m.
- M. 29 Public Holiday: celebration of Australia Day.
- Tu. 30 Faculty of Agricultural Science—2.15 p.m.
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FEBRUARY

Note: Particulars of the procedure for enrolment, and the dates of the enrolment period in 1968 may be found in the enrolment leaflet.

- Th. 1 Hospital Year begins.
Faculty of Dentistry—5 p.m.
- F. 2 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- M. 5 Faculty of Law—4.30 p.m.
- Tu. 6 Supplementary Matriculation Examinations may begin.
Standing Sub-Committee of the Education Committee—
10.15 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.
- M. 12 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.
- M. 19 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.
Advisory Committee of the University and the Q.E.H.—
5 p.m.
- F. 23 Finance Committee—2.20 p.m.
- M. 26 CONSERVATORIUM first term begins.
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MARCH

- F. 1 Faculty of Music—9.15 a.m.
Council—2.20 p.m.
Faculty of Medicine—8 p.m.
- Sa. 2 Long vacation ends.
- M. 4 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.
Board of Research Studies—10.15 a.m.
Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 12 Standing Sub-Committee of the Education Committee—10.15 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 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.

The University of Adelaide

1967

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

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

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.

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, 27th November, 1963.

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

JAMES ALEXANDER HEASLIP, M.P. Appointed by Parliament for the first time, 13th August 1959. Date of last appointment, 13th May, 1965.

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

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.

DAVID HUGH McKEE, M.P. Appointed by Parliament for the first time, 28th June, 1966.

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

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

KENNETH HARVEY MILNE, B.E., M.I.E.E., M.I.E. (Aust.). A member since 1956. Date of last election, 27th November, 1963.

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

THE HONOURABLE FRANK JACQUES POTTER, B.A., LL.B., M.L.C. Appointed by Parliament for the first time, 2nd August, 1962. Date of last appointment, 25th May, 1965.

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

THE HONOURABLE ALBERT JAMES SHARD, M.L.C. Appointed by Parliament for the first time, 25th May, 1965.

WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last election, 27th November, 1963.

PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Cambridge). A member since 1960. Date of last election, 27th November, 1963.

ANNIE WINIFRED WALL, M.B., B.S., F.F.A.R.A.C.S. A member since 1960. Date of last election, 25th November, 1964.

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, 23rd November, 1966.

Clerk—HENRY ELLIOTT WESLEY SMITH, B.Ed. (Melbourne), Dip.Ed. (Oxford), B.A. Elected for the first time, 24th November, 1965; re-elected 23rd November, 1966.

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, 24th November, 1965.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., D.D. (Melb.). A member since 1962. Date of last election, 24th November, 1965.

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, 25th November, 1964.

DAVID JOHN SUTTON, Ph.D. 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 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—Robert Brook Lewis, B.Sc. (Melbourne), B.A., A.M.I.M.M., M.A.C.E.

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).

COMMITTEES, FACULTIES AND BOARDS FOR 1967

EDUCATION COMMITTEE

Chairman: Professor F. B. Bull

Vice-Chairman: Professor E. S. Barnes

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. J. A. Dunning	The Librarian
Mr. W. M. C. Symonds	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 F. B. Bull

Vice-Chairman: Professor E. S. Barnes

The Vice-Chancellor	Professor J. H. Bennett
The Deputy Vice-Chancellor	Professor M. A. Jeeves
Professor J. G. Cornell	Professor R. P. Jepson

FINANCE COMMITTEE

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

The Chancellor	Mr. B. R. Macklin
The Deputy Chancellor	Mr. K. H. Milne
The Vice-Chancellor	The Hon. Justice Mitchell
The Deputy Vice-Chancellor	Professor E. A. Russell
Mr. J. R. Dridan	

ALLOCATIONS COMMITTEE

Chairman: The Vice-Chancellor

Members *ex officio*:

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

Appointed members:

Professor T. O. Browning	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

FACULTY OF ARTS

Dean: Professor L. F. Neal

Members *ex officio*:

The Chancellor	Dr. G. Kirchhoff
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 C. J. Horne
The Elder Professor of Music	Professor M. A. Jeeves
The Professor of Computing Science	Professor G. H. Lawton
The Director of Education	Professor H. F. Lydall
The Principal of the Adelaide Teachers' College	Professor L. F. Neal
The Dean of the Faculty of Science	Professor R. B. Potts
Professor B. L. D. Coghlan	Professor G. F. E. Rudé
	Professor J. J. C. Smart
	Professor J. R. Trevaskis

Members appointed by the Council:

Dr. A. T. Brissenden	Dr. P. Loveday
Mr. J. S. Dunkerley	Dr. E. J. Pitman
Mr. A. French	Dr. K. A. Provins
Dr. J. T. Gilchrist	Mr. W. M. C. Symonds
Dr. P. S. Hambly	Mr. H. J. Siliakus
Mr. S. E. Hughes	Dr. N. M. Wace

FACULTY OF DENTISTRY

Dean: Dr. J. A. Cran

Members *ex officio*:

The Chancellor	Professor A. M. Horsnell
The Deputy Chancellor	Mr. J. Estcourt Hughes
The Vice-Chancellor	Mr. M. I. G. Iliffe (deputy for Professor J. H. Carver)
The Chairman of the Education Committee	Mr. W. E. Joyce
The Chairman of the Dental Board of South Australia	Dr. D. B. Keech (deputy for Professor W. H. Elliot)
The Director-General of Medical Services	Dr. J. Kirkwood
Mr. K. R. Allen	Dr. O. F. Makinson
Dr. N. Atkinson (deputy for Professor D. Rowley)	Mr. G. J. Mount
Dr. R. A. Barbour (deputy for Professor A. A. Abbie)	Dr. B. G. Radden
Mr. M. J. Barrett	Mr. P. M. Rainsford
Mr. P. R. N. Beasley	Dr. H. J. Rodda (deputy for Professor A. L. J. Beckwith)
Mr. A. J. Bloomfield	Mr. G. C. Scroop (deputy for Professor R. F. Whelan)
Mr. Tasman Brown	Mr. M. R. Sims
Mr. N. G. Clarke	Dr. M. R. Snow (deputy for Professor D. O. Jordan)
Dr. J. A. Cran	Mr. C. A. Switajewski (deputy for Professor J. S. Robertson)
Professor D. J. Deller	Professor J. C. Thonard
Dr. D. A. Duckhouse (deputy for Professor H. G. Andrewartha)	Mr. F. Vnuk
Dr. E. A. Fanning	Dr. A. G. Wangell
Mr. B. N. Fitzpatrick	Mr. J. G. Waterson
Mr. F. R. Henning	Dr. R. G. Willoughby

Members appointed by the Council:

Mr. B. C. Crisp	Mr. A. H. Lendon
Mr. G. S. Heithersay	Mr. T. B. Lindsay
Professor D. O. Jordan	Mr. C. M. Somerville
Mr. J. F. Lavis	

COMMITTEES, FACULTIES, AND BOARDS

FACULTY OF ECONOMICS

Dean: Professor H. F. Lydall

Members *ex officio*:

The Chancellor	Mr. N. F. Laing
The Deputy Chancellor	Professor G. H. Lawton
The Vice-Chancellor	Mr. M. K. Lewis
The Chairman of the Education Committee	Professor H. F. Lydall
The Dean of the Faculty of Arts	Miss F. M. McNamara
The Bonython Professor of Laws	Mr. B. J. Mills
Mr. B. L. Bentick	Mr. G. B. Mitchell
Mrs. T. L. Bentick	Dr. G. G. Moffatt
Mr. J. Dixon	Mr. R. L. Newman
Professor W. G. K. Duncan	Mr. P. D. Praetz
Dr. G. C. Harcourt	Mr. E. S. Richards
Mr. J. H. Hatch	Professor G. F. E. Rudé
Mr. D. T. Healey	Professor E. A. Russell
Mr. R. K. Hefford	Mr. N. Sarah
Mr. R. R. Hirst	Mr. B. B. Worrall
Dr. F. G. Jarrett	Professor F. K. Wright

Members appointed by the Council:

Mr. N. Blewett	Dr. H. S. K. Kent
Mr. L. A. Braddock	Mr. A. M. Ramsay
Mr. G. R. Broomhill	Mr. A. M. Simpson
Mr. E. H. Burgess	Mr. P. J. Smailes

FACULTY OF ENGINEERING

Dean: Professor J. L. Woodward

Members *ex officio*:

The Chancellor	Professor R. A. Jensen
The Deputy Chancellor	Dr. R. G. Keats (deputy for Professor E. S. Barnes)
The Vice-Chancellor	Dr. R. L. Oliver (deputy for Professor R. W. R. Rutland)
The Chairman of the Education Committee	Dr. B. J. Steel (deputy for Professor D. O. Jordan)
The Dean of the Faculty of Science	Professor E. A. Rudd
The President of the S.A. Institute of Technology	Mr. G. Sved
The Director of the S.A. Institute of Technology	Professor R. W. F. Tait
Professor H. H. Davis	Mr. D. H. Tyler
Dr. A. R. Bevan (deputy for Professor J. H. Carver)	Professor J. L. Woodward

Members appointed by the Council:

Mr. A. B. Barker	Mr. K. H. Milne
Mr. D. R. Currie	Mr. D. C. Pawsey
Mr. W. D. Doble	Mr. A. J. Robinson
Mr. D. W. Griffin	Professor E. A. Russell
Mr. E. Jones	Dr. T. N. Smith
Professor D. R. Miller	Dr. A. C. Thompson

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. Justice Bray
The Dean of the Faculty of Arts	The Hon. Justice Bright

FACULTY OF LAW (Continued)

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

Members appointed by the Council:

Mrs. G. C. Fischer	Mr. Commissioner Portus
Mr. W. E. S. Forster	The Hon. F. J. Potter
Miss J. Gilmore	Mr. E. B. Scarfe
Mr. S. J. Jacobs, Q.C.	Mr. H. E. Zelling, Q.C.
Mr. R. G. Matheson	

FACULTY OF MEDICINE

Dean: Professor L. W. Cox

Associate Dean: Professor W. A. Cramond

Members *ex officio*:

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

Members appointed by the Council:

Dr. J. M. Bonnin	Mr. A. Kerr Grant
Mr. R. A. Burston	Mr. A. H. Lendon
Mr. A. G. Campbell	Dr. J. M. McPhie
Mr. D. O. Crompton	Mr. R. M. MacIntosh
Mr. H. M. Douglas	Mr. J. P. Maddern
Mr. G. T. Gibson	Mr. J. R. Magarey
Dr. K. S. Hetzel	Dr. M. W. Miller
Dr. E. Hackett	Mr. R. N. Munday
Mr. R. Hunter	Mr. H. R. Oaten
Mr. K. T. Jones	Dr. T. G. Paxon

FACULTY OF MEDICINE (Continued)

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

FACULTY OF MUSIC

Dean: Professor D. Galliver

Members *ex officio*:

The Chancellor	The Elder Professor of Music
The Deputy Chancellor	The Dean of the Faculty of Arts
The Vice-Chancellor	Mr. J. C. Govenlock
The Chairman of the Education Committee	Miss P. Holmes
	Mr. D. Swale

Members appointed by the Council:

Professor B. L. D. Coghlan	Mr. C. T. Leske
Professor J. G. Cornell	Mr. D. Munro
Mr. D. Cubbin	Mr. J. Tancibudek
Mr. L. Davies	Miss N. Thomas
Mr. H. L. Dossor	Mr. J. Whitehead
Mr. H. Fairhurst	Mr. T. A. Wightman

FACULTY OF SCIENCE

Dean: Professor H. G. Andrewartha

Associate Dean: Professor D. R. Stranks

Members *ex officio*:

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

Members appointed by the Council:

Dr. B. H. Briggs	Dr. P. G. Martin
Mr. R. W. Close	Dr. M. J. Mayo
Dr. A. A. Diamantis	Dr. A. D. Packer
Mr. J. A. Dunning	Dr. K. A. Provins
Miss C. M. Eardley	Dr. P. Reeves
Dr. G. R. Fraser	Dr. H. J. Rodda
Professor M. F. Glaessner	Dr. G. E. Rogers
Professor C. A. Hurst	Dr. P. W. Seymour
Professor A. T. James	Mr. R. I. Sommerville
Dr. C. R. Jenkin	Dr. J. Stephenson
Dr. S. W. Kennedy	Mr. W. M. C. Symonds
Dr. D. I. B. Kerr	Dr. R. H. Symons
Dr. A. W. Kleeman	Dr. S. G. Tomlin
Dr. I. S. de la Lande	Dr. R. Vyborny
Dr. G. E. Lewis	Mr. T. C. R. White
Professor K. G. McCracken	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 Director of the S.A. Institute of Technology
The Deputy Chancellor	The President of the Pharmaceutical Society
The Vice-Chancellor	The President of the Pharmacy Board
The Chairman of the Education Com- mittee	

Members appointed by the Council of the University:

Professor A. L. J. Beckwith	Dr. J. Mazundar (deputy for Profes- sor E. S. Barnes)
Professor J. H. Carver	Professor D. R. Miller
Professor H. H. Davis	Dr. J. G. Sanderson (deputy for Pro- fessor J. A. Ovenstone)
Professor D. O. Jordan	Mr. G. Sved
Mr. G. Karolyi (deputy for Professor J. L. Woodward)	Professor R. W. F. Tait
Mr. J. D. Kendrick (deputy for Profes- sor R. A. Jensen)	Mr. A. W. G. Whittle (deputy for Professor E. A. Rudd)

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

Dr. A. S. Appleton	Mr. D. H. Lee
Mr. D. C. Canty	Dr. E. W. Mills
Mr. D. W. Cox	Mr. B. L. Reynolds
Dr. R. V. Culver	Dr. R. W. Smyth
Mr. W. G. Forte	Mr. G. Walkley
Mr. F. A. Haas	Mr. C. G. Wilson

BOARD OF STUDIES IN PHARMACY

Chairman: Professor A. L. J. Beckwith

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

BOARD OF STUDIES IN PHYSICAL EDUCATION

Chairman: Professor L. W. Cox

The Chancellor	Mr. G. M. Hone
The Deputy Chancellor	Mr. A. W. Jones
The Vice-Chancellor	Dr. C. C. Jungfer
The Dean of the Faculty of Arts	Mr. E. Mander-Jones
The President of the Adelaide University Sports Association	Mr. H. J. C. Mutton
Professor A. A. Abbie	Professor L. F. Neal
Mr. B. F. G. Apps	Dr. H. H. Penny
Miss E. M. Barwell	Miss M. Priddle
Professor L. W. Cox	Dr. K. A. Provins
Mr. D. J. Glencross	Mr. A. E. Simpson
Mr. R. C. Heddle	Mr. W. M. C. Symonds
	Professor R. F. Whelan

BOARD OF STUDIES IN PHYSIOTHERAPY

Chairman: Professor L. W. Cox

The Chancellor	Miss E. G. Casely
The Deputy Chancellor	Professor L. W. Cox
The Vice-Chancellor	Mr. T. A. R. Dinning
The Dean of the Faculty of Medicine	Miss J. M. Ganne
The Senior Physiotherapist, Royal Adelaide Hospital	Miss M. J. Hammond
The Senior Physiotherapist, Adelaide Children's Hospital	Professor M. A. Jeeves
Professor A. A. Abbie	Mr. R. Meadows
Mrs. A. A. Abbie	Dr. B. Possingham
Mr. A. W. Burnell	Professor J. S. Robertson
	Professor R. F. Whelan

BOARD OF STUDIES IN SOCIAL STUDIES

Chairman: Rev. Dr. W. F. Hambly

Members *ex officio*:

The Chancellor	Professor H. F. Lydall
The Deputy Chancellor	Dr. P. G. Martin (representing Professor R. N. Robertson)
The Vice-Chancellor	Miss M. Norton
Professor A. A. Abbie	Professor G. F. E. Rudé
Professor R. G. Brown	Professor J. J. C. Smart
Professor W. G. K. Duncan	Mr. B. K. Taylor
Professor M. A. Jeeves	

Members appointed by the Council:

Mr. G. J. Cook	Mr. C. E. M. Harris
Professor W. A. Cramond	Mr. B. Mason
Rev. Dr. W. F. Hambly	Mrs. P. M. Pieterck
Professor B. S. Hetzel	Dr. A. W. Wall

BOARD OF RESEARCH STUDIES

Chairman: Professor A. L. J. Beckwith

Professor H. G. Andrewartha	Mr. J. D. Kendrick
Dr. B. H. Briggs	Professor D. J. D. Nicholas
Professor H. H. Davis	Professor D. Rowley
Professor N. T. Flentje	Professor R. W. F. Tait
Dr. J. T. Gilchrist	Dr. N. M. Wace
Professor B. S. Hetzel	

MATRICULATION BOARD

The Vice-Chancellor (deputy, Professor J. R. Trevaskis), the Chairman of the Education Committee, and the Deans of the Faculties.

MEDICAL RESEARCH COMMITTEE

Chairman: The Vice-Chancellor

The Dean of the Faculty of Medicine, The Chairman of the Research Executive Committee, The Professors of Anatomy, Child Health, Dental Science, Medicine, Mental Health, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, Dr. G. E. Rogers, and Dr. S. G. Tomlin.

STUDY LEAVE COMMITTEE

Chairman: The Deputy Vice-Chancellor

The Deans of the Faculties of Arts, Economics, Science, Agricultural Science, Medicine, Dentistry, Engineering, Law, Music, and Architecture and Town Planning and the Director of the Waite Institute.

SITES AND GROUNDS COMMITTEE

Chairman: The Vice-Chancellor

Professor F. B. Bull	Professor R. N. Robertson
Professor J. G. Cornell	Miss J. Gilmore
Professor E. A. Rudd	The Registrar

BOARD OF DISCIPLINE

The Chancellor, the Deputy Chancellor, the Vice-Chancellor, the Deans of the Faculties.

LIBRARY COMMITTEE

Chairman: The Deputy Vice-Chancellor

The Chancellor	Professor D. Galliver
The Deputy Chancellor	Dr. P. S. Hambly
The Vice-Chancellor	Professor B. S. Hetzel
The Librarian	Mr. R. R. Hirst
The Chairman of the Waite Library Committee	Professor C. A. Hurst
Professor A. L. J. Beckwith	Dr. H. K. Lücke
Dr. R. V. Culver	Mr. M. Mackenzie
Mr. K. M. Doull	Professor R. W. R. Tait
Dr. E. A. Fanning	Mr. F. D. W. Van Zyl
	Sir Archibald Grenfell Price

COMPUTING SCIENCE COMMITTEE

Chairman: The Professor of Computing Science

Members *ex-officio*:

The Professor of Computing Science	The Dean of the Faculty of Techno- logy and Applied Science
The Dean of the Faculty of Arts	The Registrar
The Dean of the Faculty of Economics	Professor H. S. Green
The Dean of the Faculty of Science	Professor A. T. James
The Dean of the Faculty of Agricultural Science	Professor R. B. Potts
The Dean of the Faculty of Engineering	Mr. G. N. Wilkinson
	Professor J. L. Woodward
	Professor F. K. Wright

MEDICAL CURRICULUM COMMITTEE

Chairman: The Dean of the Faculty of Medicine

The Associate Dean, the Professors of Anatomy, Biochemistry, Child Health, Medicine, Mental Health, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, Dr. K. S. Hetzel, Mr. A. H. Lendon, Mr. J. R. Magarey, Dr. A. W. Wall and Dr. R. F. West.

POSTGRADUATE COMMITTEE IN MEDICINE

Chairman: The Vice-Chancellor

Deputy Chairman: Mr. R. A. Burston

Professor A. A. Abbie	Mr. K. P. McKenna
Mr. K. G. Ball	Mr. I. McLachlan
Mr. D. C. Barton	Mr. G. H. McQueen
Mr. T. H. Beare	Professor G. M. Maxwell
Dr. J. A. Bonnin	Mr. M. C. Moore
Dr. J. M. Bonnin	Mr. B. Nicholson
Mr. R. A. Burston	Mr. H. R. N. Oaten
Mr. R. St. J. M. Butler	Mr. J. A. O'Brien
Mr. A. D. Byrne	Mr. W. A. Owen
Professor L. W. Cox	Mr. D. C. Paterson
Mr. K. C. Crafter	Dr. L. O. S. Poidevin
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Deputy Vice-Chancellor:

Deputy Vice-Chancellor's Secretary: VALMAI LILLIAN COLEMAN.

Personal Assistant:

CYRIL LEONARD BROWN, B.A. Appointed 1967.

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Architectural Assistant: ALFRED IREDALE.

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BRIAN CLIVE LEWIS, A.R.A.I.A. Appointed 1965.

Senior Administrative Assistants:

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Academic Registrar:

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Assistant Registrar (Academic):

THOMAS JOSEPH SOMERVILLE, B.Comm., Dip. Pub. Admin. (N.U.I.). Appointed Administrative Assistant, 1953; Senior Administrative Assistant, 1962; Assistant Registrar (Academic), 1965.

Senior Administrative Assistants:

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DONALD EDWARD WILTON, B.Tech. Appointed 1966.

PETER COLEBROOK ABBOTT-YOUNG, M.A. (Camb.). Appointed Administrative Assistant, 1964; Senior Administrative Assistant, 1967.

Administrative Assistants:

EDWIN GEORGE KING, B.A. (W. Aust.). Appointed 1958.

LOUISA McINTOSH SMITH, B.Sc. (Econ.) (Lond.), M.A. (Mt. Holyoke). Appointed 1965.

KENNETH WALKER HALLIDAY, B.Ec. (Syd.). Appointed 1965.

JOHN WILLIAM BROWN, Dip. Mun. Admin. Appointed Clerk, 1962; Administrative Assistant, 1966.

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- Assistant Bursar:**
ALFRED DONALD SCOTT, A.A.S.A. Appointed Administrative Assistant, 1958; Assistant Accountant, 1962; Assistant Bursar, 1965.
- Accountant:**
ERNEST STANLEY WYETT, B.Ec., A.U.A. (Com.), A.A.S.A., A.C.A.A. Appointed Costing and Equipment Officer, 1948; Assistant Accountant, 1952; Accountant, 1965.
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DONOVAN WALTER WALLIS, A.A.S.A., J.P. Appointed Clerk, 1925; Chief Clerk, 1952; Revenue Officer, 1965.
- Senior Administrative Assistants:**
JOHN THOMAS WHELAN, B.Ec. Appointed Administrative Assistant, 1955; Senior Administrative Assistant, 1960.
ARTHUR JOSEPH ALBERT HANSON, A.A.S.A., A.C.I.S. Appointed Administrative Assistant, 1961; Senior Administrative Assistant, 1964.
RONALD CHARLES WILKINS, A.A.S.A. Appointed 1965.
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LAWRENCE HENRY DALZIEL, B.A. Appointed Assistant Secretary, 1950; Acting Secretary, 1958; Secretary, 1959.
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 NORA YEE, B.A. (Syd.).

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RALPH MIDDENWAY, B.A. (Syd.). Appointed Assistant Secretary, 1965;
 Secretary, 1967.

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

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ADULT EDUCATION

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AGRICULTURAL BIOCHEMISTRY AND SOIL SCIENCE**The Waite Professor:**

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Readers:

RUPERT JETHRO BEST, D.Sc. Appointed Assistant Lecturer, 1928; Lecturer, 1930; Senior Lecturer, 1950; Reader, 1958.

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

Senior Lecturers:

ALLEN CHARLES JENNINGS, B.Sc. (Syd.). Appointed Lecturer, 1956; Senior Lecturer, 1962.

DAVID GRAY LEWIS, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1964.

Lecturers:

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

JOHN MALCOLM OADES, Ph.D. (Leeds). Appointed 1963.

MAX EDWIN TATE, M.Sc. (Syd.), Ph.D. (N.S.W.). Appointed 1964.

DAVID ROLAND LILJEGREN, Ph.D. Appointed 1964.

JACOB WILLEM KIJNE, B.Sc. (Wageningen), Ph.D. (Utah). Appointed 1964.

JOHN FLEXMORE JACKSON, B.Sc. (Tas.), Ph.D. Appointed 1964.

Research Fellows:

ROBERT CARL STEFANSON, Ph.D. (Syd.) (Wheat Industry Fund). Appointed 1965.

STANLEY GEORGE WILLIAMS, Ph.D. (Leeds) (Wheat Industry Fund). Appointed 1965.

PHILIP EDWARD STANLEY, B.Sc. (Birm.), Ph.D. (Brist.) (Wheat Industry Fund). Appointed 1967.

AGRONOMY**The Waite Professor of Agriculture:**

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Readers:

KEITH WARREN FINLAY, Ph.D. (W. Aust.). Appointed Senior Lecturer, 1955; Reader, 1961.

KEITH PERCIVAL JOHN BARLEY, M.Agr.Sc. (Melb.). Appointed Lecturer, 1955; Senior Lecturer, 1958; Reader, 1965.

Senior Lecturers:

RICHARD JAMES MILLINGTON, M.Sc. (Syd.), Ph.D. Appointed Lecturer, 1952; Senior Lecturer, 1959.

JAMES KELVIN POWRIE, B.Sc.(Agric.) (W. Aust.), M.Sc. Appointed Lecturer, 1958; Senior Lecturer, 1962.

WILLIAM GEORGE ALLDEN, M.A. (Camb.), Ph.D. Appointed Lecturer, 1956. Senior Lecturer and Mortlock Fellow, 1961.

DAVID ERIC SYMON, B.Ag.Sc. Appointed Lecturer, 1951; Senior Lecturer, 1962.

RONALD KNIGHT, B.Sc. (Lond.), Dip.Ag.Sc. (Camb.), Dip.Trop.Ag. (I.C.T.A.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1962.

DAVID HERWARD BURNABY SPARROW, B.Sc. (R'dg.) (Barley Improvement Fund). Appointed Lecturer, 1960; Senior Lecturer, 1965.

JAMES HENRY SILSBURY, M.Sc. (Agric.) (W. Aust.). Appointed Lecturer, 1956; Senior Lecturer, 1966.

Lecturers:

EDWARD DIMENT CARTER, B.Ag.Sc. Appointed 1960.
 JAMES ALFRED CARPENTER, Ph.D. (W. Aust.). Appointed 1961.
 KENNETH WILLIAM SHEPHERD, Ph.D. (Wheat Industry Fund). Appointed 1961.
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Research Fellow:

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Officer-in-Charge, Mortlock Experiment Station:

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

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

Lecturers:

ROBERT FREDERICK SEAMARK, Ph.D. (Camb.), B.Ag.Sc. Appointed 1965.
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THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed Entomologist, 1948; Senior Lecturer, 1955; Professor, 1963.

Professor:

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

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.
 PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed Lecturer, 1957; Senior Lecturer, 1963.
 DEREK ALAN MAELZER, M.Sc. (W. Aust.), Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1965.

Lecturers:

HELEN MAY BROOKES. Appointed Laboratory Assistant, 1936; Technical Assistant, 1943; Assistant Systematic Entomologist, 1957; Systematic Entomologist, 1964.
 ROGER LAUGHLIN, M.A. (Camb.), Ph.D. (Durh.). Appointed 1965.

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.

Reader:

JOHN HENRY WARCUP, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Senior Lecturer, 1951; Reader, 1964.

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 PATRICK HENRY BRABAZON TALBOT, M.Sc. (S.A.), Ph.D. (Lond.). Appointed 1960.
 NEIL CLARENCE CROWLEY, B.Sc.Agr. (Syd.), Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1962.

MAURICE VERNON CARTER, Ph.D. Appointed Research Officer, 1953; Lecturer, 1956; Senior Lecturer, 1963.
 JOHN MALCOLM FISHER, B.Sc.Agr. (Syd.), Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1966.
 RICHARD IGNACY BARTLOMIEJ FRANCKI, Ph.D. (N.Z.). Appointed Lecturer, 1961; Senior Lecturer, 1967.

Lecturer:

BRUCE GARNET CLARE, M.Sc. (Q'ld.). Appointed Temporary Lecturer, 1958; Lecturer, 1960.

PLANT PHYSIOLOGY

Professor:

LESLIE CODELL PALEG, B.A. (Wash.), 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.

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.

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.

Lecturers:

RONALD LANE SMITH, B.Arch. (Manit.). Appointed 1964.
 DONALD LESLIE JOHNSON, B.Arch. (Wash.), M.Arch. (Penn.). Appointed 1967.

Part-time Lecturers:

ALLAN DALE CORREY, Dip.L.D. (Durh.), M.L.A. (Ill.), A.I.L.A. Appointed 1962.
 ROBERT NUMBERS BALFOUR, A.I.Q.S. (Aust.) Appointed 1964.
 JOHN HEMMETT, A.R.I.C.S., A.I.Q.S. (Aust.). Appointed 1964.
 COLIN DUNCAN HOSSACK, M.R.S.H. Appointed 1967.
 LOU KLEPAC, B.A. (W.Aust.). Appointed 1967.

FACULTY OF ARTS

AUSTRALIAN LINGUISTICS

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

CLASSICS

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

Senior Tutor:
KATHLEEN LILIAN HASSELL, M.A.

EDUCATION

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

Senior Lecturer:
ERNEST ROE, M.A. (Oxford), B.Ed. (Q'ld.), Ph.D. Appointed Lecturer, 1960; Senior Lecturer, 1963.

Lecturers:
DEREK MORTON TOOMEY, B.A. (Manc.), Dip.Ed. (Leeds). Appointed 1960.
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.
JERZY JAROSLAW SMOLICZ, Ph.D. (Edin.). Appointed 1965.

ENGLISH LANGUAGE AND LITERATURE

The Jury Professor and Head of the Department:
COLIN JAMES HORNE, M.A. (Melb. and Oxford), B.Litt. (Oxford), Dip.Ed. (Melb.) Appointed 1957.

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

Readers:
MYFYR BRYN DAVIES, M.A. (Oxford). Appointed Senior Lecturer, 1952; Reader, 1955.
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.

Lecturers:
PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed 1961.
ALAN THEO BRISSENDEN, B.A., Dip.Ed. (Syd.), Ph.D. (Lond.). Appointed 1963.
MANFRED FRASER MACKENZIE, B.A. (Syd.), B.Litt. (Oxford, A.M. (Brown)). Appointed 1964.
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.

Tutor:
WILLIAM RAWSON MACKENZIE CONVERSE, M.A. (Bishop's).

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, D.E.S., C.A.P.E.S. (Paris). Appointed 1963.
NICOLE GARÇON, Dip. d'Et. Sup. (Poitiers). Appointed 1964.
KEVIN MATTHEW O'NEILL, M.A. (Melb.). Appointed 1966.

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) 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:

ELIZABETH MARY CAMPBELL, B.A.
DEIRDRE JANETTE DRAGOVICH, M.A.
SUSAN BARKER, B.Sc. (Lond.), M.Sc. (S'ton).

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).

Tutors:

MARIE-LOUISE MATHILDE THIERSCH, B.A.
DAVID MYERS, B.A. (Syd.).
DENISE AILEEN MARY RYAN, M.A. (Melb. and Oxford).

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

GEORGE FREDERICK ELLIOTT RUDE, M.A. (Camb.), Ph.D. (Lond.). Appointed Senior Lecturer, 1960; Professor, 1964.

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.

Senior Lecturers:

- HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.
 WALTER ALFRED PETER PHILLIPS, M.A. (W. Aust. and Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961.
 TREVOR GORDON WILSON, M.A. (N.Z.), D.Phil. (Oxford). Appointed Lecturer, 1960; Senior Lecturer, 1965.
 JOHN DAVID FRODSHAM, M.A. (Camb.), Ph.D. (A.N.U.). Appointed 1965.
 LOTTE MULLIGAN, M.A. (Melb.), Ph.D. Appointed Lecturer, 1962; Senior Lecturer, 1966.
 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, B.A., Dip.Ed. 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.
 GERHART PAUL GUSTAV SINZHEIMER, M.A. (Oxford and Wash.). Appointed 1966.

Tutors:

- JUNE XAVIERE COOK, B.A. (Camb.).
 WILLIAM JAMES MURRAY, B.A.
 BRONWEN PHYLLIS CRAIG, B.A.
 MARGARET ELSBETH GIBSON, B.A.

PHILOSOPHY**The Hughes Professor:**

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

Senior Lecturers:

- MAURICE MEREDITH STERIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950. (On Leave.)
 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.
 FRANK CAMERON JACKSON, B.Sc. (Melb.) (Temporary).

POLITICS**Professor:**

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

Reader:

- PETER LOVEDAY, Ph.D. (Syd.). Appointed 1966.

Senior Lecturer:

- ROBERT LEIGHTON REID, M.A. Appointed Lecturer, 1957; Senior Lecturer, 1963.

Lecturers:

- NEAL BLEWETT, B.A., Dip.Ed. (Tas.), M.A. (Oxford). Appointed 1964.
 JEFFREY FRANK SCOTT, LL.B., B.Ec., B.A. Appointed 1967.
 JEANETTE HOLLINSWORTH, B.A. (Temporary).

Tutors:

- IONE PATRICIA PEARSON, B.A., LL.B.
 GEORGE CAMPBELL SHARMAN, B.A., LL.B.

PSYCHOLOGY**Professor:**

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

Honorary Professor:

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

Readers:

KENNETH ALFRED PROVINS, M.A. (Oxford), Ph.D. (R'dg.). Appointed 1962.
 SYDNEY HAROLD LOVIBOND, B.A. (Melb.), Ph.D., A.U.A. (Soc. Sci.). Appointed
 Lecturer, 1954; Senior Lecturer, 1959; Reader, 1966.

Senior Lecturers:

DAVID NORRIS GIBBS, M.A. (N.Z.), Ph.D. (Lond.). Appointed Lecturer, 1957;
 Senior Lecturer, 1963.
 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.
 DAVID GLENN MULLIGAN, M.A. (N.Z.), Ph.D. (Lond.). Appointed 1964.
 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.
 PETER SIMON DELIN, M.A. (Oxford) (Temporary).
 CHRISTOPHER JOHN COOPER, M.B., B.S. (Temporary).

Tutors:

LEON COLBURN LACK, B.A. (Stan.).
 PENELOPE JEAN TILBY, B.A.
 IRENE ISABEL HOLLOWAY, B.A.
 LYNNETTE ANNE DAVIS, B.A. (A.N.U.).
 INARA LEJEJS, 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.). Appointed 1959.

Professor:

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

Senior Lecturers:

TASMAN BROWN, M.D.S. Appointed Lecturer, 1960; Senior Lecturer, 1964.
 JOHN GABRIEL WATERSON, B.D.S. Appointed Lecturer, 1965; Senior Lecturer,
Oral Biology, 1966.

Teaching Registrar:

BARRY JOHN GAUDRY, B.D.S. (Syd.), F.D.S.R.C.S. (The Queen Elizabeth Hospital.)

Part-time Lecturers:

JAMES ESTCOURT HUGHES, M.B., M.S., *Surgery*. Appointed 1954.
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S., *Dental Practice*.
 Appointed 1960.

Part-time Tutors:

JAMES HUDSON BEARE, M.B., B.S., *Medicine*.
 MELVILLE LIONEL CARTER, M.B., B.S., *Surgery*.
 THEO GOTJAMANOS, M.D.S.
 DONALD CAMPBELL MCKINNON, M.B., B.S., F.R.C.S., F.R.A.C.S., *Surgery*.
 JOHN FRANCIS ANTHONY WALSH, M.B., B.S., F.R.C.S., F.R.A.C.S., *Surgery*.
 ERROL GLEN WILMSHURST, M.B., B.S., M.R.A.C.P., *Medicine*.

DIVISION OF PREVENTIVE DENTISTRY

Readers:

ELIZABETH ANN FANNING, D.D.S. (N.Z.). Appointed Temporary Senior Lecturer,
 1962; Reader, 1963.
 MILTON REGINALD SIMS, M.S.D. (Boston), B.D.S., *Orthodontics*. Appointed
 1964.

Lecturer:

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

Part-time Lecturer/Instructor:

KEVIN REGINALD ALLEN, B.D.S.

Part-time Tutors:

GEOFFREY IVAN BROWN, M.D.S.
 BRIAN CORRELL CRISP, M.D.S.
 BASIL WRIGHT PHILLIPS, M.D.Sc. (Melb.), B.D.S.
 BRUCE ALLISON TIDSWELL, M.S.D. (Wash.), B.D.S.

DIVISION OF ORAL PATHOLOGY AND ORAL SURGERY

Readers:

JAMES ALEXANDER CRAN, B.D.Sc. (Q'ld.), D.D.Sc. 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.). Ap-
 pointed 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.
 THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S.
 PETER DE PAUL McDONALD, B.D.S.
 KEVIN READING MOORE, B.D.S.
 BRIAN HEYLEN SOUTER, B.D.S.

DIVISION OF RESTORATIVE DENTISTRY

Reader:

MURRAY JAMES BARRETT, M.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.). Appointed 1963.
 JOHN KIRKWOOD, B.D.S. (Syd.), D.D.S. (Tor.), F.D.S.R.C.S. (Eng.). Appointed
 Temporary Lecturer, 1961; Lecturer, 1962; Senior Lecturer, 1966.
 PETER ROBERT NOBLE BEASLEY, B.D.S. (Syd.). Appointed Lecturer, 1963;
 Senior Lecturer, 1967.

Half-time Senior Lecturer:

FREDERICK RUDOLPH HENNING, M.D.S., F.D.S.R.C.S. Appointed Part-time
 Lecturer, 1962; Half-time Senior Lecturer, 1966.

Lecturer:

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

Part-time Lecturers/Instructors:

FRANTISEK VNUK, B.A., B.Sc.
 GRAHAM JAUNAY MOUNT, B.D.S. (Syd.).

Part-time Tutors:

PETER RONALD APPELBEER, 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.
 BRUCE HENDERSON DUNSTAN, B.D.S.
 GLEN DONALD DUNSTONE, B.D.S.
 GEOFFREY GORDON LEWELLYN EVANS, B.D.S.
 DAVID MICHAEL FOX, B.D.S.
 HAROLD BRUCE FRAYNE, M.D.S.
 KEITH CYRIL GRAVE, 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.).
 HUGH DALY KENNARE, B.D.S.
 ROWLAND JAMES KIDD, B.D.S.
 THOMAS EGON KRASSAY, B.D.S.
 JOHN FREDERICK LAVIS, M.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.
 GORDON JAMES PFEIFFER, B.D.S.
 JOHN ALEXANDER REINERS, B.D.S.

GREGORY JOHN ROHAN, 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.
 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.
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.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. (Temporary).

Part-time Lecturer:

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

ECONOMICS

The George Gollin Professor and Head of the Department:

HAROLD FRENCH LYDAL, B.A. (S.A.), M.A. (Oxford). Appointed 1962.

Professor:

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

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

Senior Lecturers:

DEREK THOMAS HEALEY, B.Sc. (Econ.) (Belf.), M.A. (Oxford). Appointed 1964.
 NEIL FULLERTON LAING, B.A. (Camb.). Appointed 1967.

Lecturers:

ERIC STAPLETON RICHARDS, B.A. (Nott.). Appointed 1964.
 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.
 RONALD KEITH HEFFORD, M.Ec. Appointed Lecturer in Geography, 1962; Lecturer in Economics, 1966.
 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.

Tutors:

GRETEL DUNSTAN, B.A.
 JAMES GORDON MACKAY, M.A. (Aberd.).
 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 Lecturers:

BRIAN ANDREW HILLS, M.A. (Camb.), Dip. Chem. Eng. (Lond.), Ph.D. Appointed 1963.

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

Lecturers:

CARL PATRICK JEFFERSON, B.E. (Syd.), M.Tech. (N.S.W.). Appointed 1965.
DAVID REGINALD GLYNDWR WILLIAMS, B.App.Sc. Appointed 1965.
MALCOLM JAMES MESSENGER, Ph.D. Appointed 1966.

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.

GRAEME THOMAS SAMUEL DICK, B.Sc. (Cant.) (Temporary).

ELECTRICAL ENGINEERING

Professor and Head of the Department:

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

Professor:

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

Senior Lecturers:

DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed Lecturer, 1952; Senior Lecturer, 1960.

BRIAN HARTLEY SMITH, B.E. Appointed Lecturer, 1961; Senior Lecturer, 1965.

DONALD WARD GRIFFIN, B.A., Ph.D. Appointed 1965.

DOUGLAS ALBERT PUCKNEL, A.H-W.C. 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.
- Professor:
DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D. (Camb.), *International Law*. Appointed Reader, 1953; Professor, 1962.
- Readers:
ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chic.). Appointed Senior Lecturer, 1958; Reader, 1964.
HORST KLAUS LUCKE, Dr.Jur. (Cologne), M.C.J. (New York), LL.B. Appointed Senior Lecturer, 1961; Reader, 1966.
- 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.
- Lecturers:
JOHN FRANCIS KEELER, B.A., B.C.L. (Oxford). Appointed 1964.
MICHAEL JOHN TREBILCOCK, LL.B. (Cant.), LL.M. Appointed 1964.
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.
JOHN NEIL McEWIN, LL.B., *Legal Ethics and Accounts*. Appointed 1953.
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.
ALEXANDER KEITH SANGSTER, Q.C., LL.B., *Taxation Law*. Appointed 1960.
- 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.

COLIN MUERS STEELE SCOTT, M.B., B.S. (Temporary).

DONALD JOHN FERRIAM, 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.P.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 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.

Lecturers:

JOHN VINER LLOYD, M.B., B.S. (Temporary).
IAN HOLDEN BUTTFIELD, 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 WELBY, M.Sc., M.D., M.C.P.A. *Biochemistry*. Appointed
1966.

At the Institute of Medical and Veterinary Science:

MICHAEL ADDISON, M.B., B.Ch. (Rand), M.C.P.A., M.C.Path. *Haematology*.
Appointed 1965.
JAMES ARTHUR BONNIN, M.D., B.S., M.C.P.A., M.R.A.C.P. *Haematology*. Ap-
pointed 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 NEVILLE IBBOTSON, M.B., B.S. (Lond.), M.D., M.C.P.A., M.C.Path.
Haematology. Appointed 1965.
ROY WILLOUGHBY PAIN, M.B., B.S. *Biochemistry*. Appointed 1966.
WADIM ROMAN, Dr.Phil. (Berlin), F.I.Biol. (Lond.). *Biochemistry*. Appointed
1966.

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

DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.
HUGH ROBERT GILMORE, M.B., B.S., M.R.C.P. (Lond.), F.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 POIDEVIN, M.D., 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:

IAN KING FURLER, M.B., B.S., M.R.C.O.G. Appointed 1964. (To June, 1967.)
JOHN MILTON MILLER, M.B., B.S., F.R.C.S. (Edin.), M.R.C.O.G. (From July,
1967.)

Part-time Lecturer:

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

Clinical Tutors:

PETER WILLIAM HOOPMANN, M.B., B.S., M.R.C.O.G.
HARVEY STEWART RADDEN, M.B., Ch.B. (Manc.), M.R.C.O.G.
HEATHER JUNE SYLVIA ROSS, M.B., B.S. (Syd.), M.R.C.O.G.
ALBERT WILLIAM RUSSELL, M.B., B.S., F.R.C.S., 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 Lecturers:

REGINALD KENNETH FELIX PAK POY, M.D., M.R.A.C.P., M.C.P.A. Appointed
1964.
KEITH DOUGLAS MURRAY, M.B., B.S. (Syd.). Appointed Lecturer, 1957; Senior
Lecturer, 1966.

Lecturers:

JEFFREY STEPHEN GOWER, M.B., B.S. (Temporary).
JONATHAN YEATMAN HANCOCK, D.T.M.&H. (Syd.), M.B., B.S. (Temporary).
PETER HERSEY, M.B., B.S. (Temporary).
DAVID WESTWOOD THOMAS, B.Med.Sc., M.B., B.S. (Temporary).
HO QUET KONG, M.B., B.S. (Temporary).
CHRISTOPHER ALFRED SWITAJEWSKI, M.B., B.S. (Temporary).

Part-time Lecturers:**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.
IAN ROBERTSON, M.B., Ch.B. (Cape T.), M.C.P.A., M.C.Path. Appointed 1965.
COLIN JOHN SCHWARTZ, M.D., M.R.A.C.P., M.C.P.A., M.C.Path. 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:

STANLEY CECIL HOPCROFT, B.V.Sc. (Syd.), B.Med.Sc., M.B., B.S. Appointed 1964.

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).
ADRIAN ALHARD VON DER BORCH, 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 Goss Lecturer in Ophthalmic Surgery.* Appointed 1961.
ROBERT NEIL REILLY, M.B., B.S., D.L. and O. (Melb.), F.R.A.C.S. *Diseases of the Ear, Nose and Throat.* Appointed 1963.
GEOFFEREY 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.
MELVILLE LIONEL CARTER, 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.
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.
DOUGLAS GEORGE TOWNSEND, M.B., B.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 Assistants to the Professor:

BRIAN GARLAND DUNSTAN COHEN, M.B., B.S., F.R.A.C.S.
ANTHONY HYNEK SLAVOTINEK, M.B., B.S. (Syd.).

Senior Research Fellow:

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

Queen Elizabeth II Fellow:

JOHN DALWOOD SALLIS, Ph.D. Appointed 1965.

FACULTY OF MUSIC
and
THE ELDER CONSERVATORIUM OF MUSIC

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

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

THEORETICAL SCHOOL

Reader:

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

Lecturers:

HAROLD FAIRHURST. Appointed 1953.
JOHN DAVID SWALE, M.A., Mus.B. (Camb.), A.R.C.O.
JAMES COBURN GOVENLOCK, Mus.Bac., F.R.C.O. Appointed 1966.
PHILIP JOHN BRITTON, B.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, Mus.Bac. (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, Mus.Bac., 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 WIGHTMAN.

Opera:

DONALD GEORGE ALFRED MUNRO, A.R.C.M. *Producer*.
BARBARA HOWARD, *Assistant Producer*.
GRAHAM NORMAN WILLIAMS, B.Mus. *Chorus Master*.

Aural Culture and Musical Appreciation:

ALISON JOYCE HOLDER, Mus.Bac.

Accompanist:

ALISON JOYCE HOLDER, Mus.Bac.

Italian:

GEORGE MASERO, Dott. in Lettere (Genoa).

German:

EDITH DUBSKY.

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 WHITE, Dip.Phys.Ed. (Dunfermline).

PHYSIOTHERAPY

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.

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:

CLAIRE DEVERSON, A.U.A.
PATRICIA HELEN TROTT, A.U.A.

Part-time Tutors:

CHRISTINE ROBERTA BINNS, A.U.A.
SUZANNE FRANCES BURNELL, M.C.S.P. (Lond.).
MARGARET WYNNE EVANS, A.U.A.
ADRIENNE McCARTHY, A.U.A.
GEOFFREY DOUGLAS MAITLAND, A.U.A.
NORMAN ANDREW PEART, A.U.A.
ROSEMARY ALISANNE RUSSELL, A.U.A.
SUSAN LYNDASAY WOODRUFF, 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.

Reader:

GEORGE ERNEST ROGERS, M.Sc. (Melb.), Ph.D. (Camb.). Appointed 1963.

Senior Lecturers:

DONALD BRUCE KEECH, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1963.
 ROBERT HENRY SYMONS, Ph.D. (Melb.). Appointed Lecturer, 1962; Senior Lecturer, 1967.
 JOHN BARRY EGAN, M.Sc. (Melb.), Ph.D. (Colorado). Appointed 1967.

Lecturer:

JULIAN RICHARD ESTE WELLS, Ph.D. Appointed 1967.

Demonstrators:

ANNE JUDITH CAMPBELL, B.Sc.
 SUSAN AUDREY DEAN, B.Sc.
 PETER MALCOLM STEINERT, 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 Demonstrators:

ESTELLE ANNE MITCHELL, M.Sc.
 MARGARET ELVA JACKMAN, B.Sc.

Demonstrators:

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

Senior Research Fellow:

REINHARD FERDINAND MATTHIAS VAN STEVENINCK, L.I. (Wageningen), Ph.D. (Lond.). Appointed 1964.

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.

Lecturer:

JOHN BALFOUR BUXTON, B.Sc. Appointed in Mathematics Department, 1964; transferred, 1966.

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.). Appointed in Registrar's Department, 1955; transferred, 1961.

ECONOMIC GEOLOGY**Professor:**

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

Senior Lecturer:

ALICK WILLIAM GREEN WHITTLE, M.Sc. Appointed 1961.

Research Fellow:

ELLIOT SYLVESTER O'DRISCOLL, B.Sc. (W. Aust.), M.Sc. (Broken Hill Mining Managers' Association Grant). Appointed under Australian Mineral Industries Research Association Grant, 1963; transferred, 1966.

GENETICS**Professor:**

JOHN HENRY BENNETT, M.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed 1956.

Reader:

GEORGE ROBERT FRASER, M.A., M.D., B.Ch. (Camb.), Ph.D. (Lond.). Appointed 1965.

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.

Senior Demonstrator:

JUDITH ANNE WINSTANLEY LEVY, M.Sc.

Demonstrator:

CAROLYN RUBY LEACH, 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.

Senior Lecturers:

ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lecturer, 1950.

ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1958; Senior Lecturer, 1960.

JOHN BRETT JONES, B.Sc. (Q'ld.), Ph.D. (Wis.). Appointed Lecturer, 1959; Senior Lecturer, 1964.

JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (Calif.), Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1964.

BRIAN DAILY, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1964.

Lecturer:

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

Senior Demonstrators:

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

MARY JULIA WADE, Ph.D.

Demonstrators:

ROBIN OFFLER, Ph.D.

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.

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.
 GARRY CAMPBELL SCROOP, M.B., B.S. Appointed Temporary Lecturer, 1964;
 Lecturer, 1965.
 PETER THOMAS BARNES, M.B., B.S. (Temporary).
 DEREK BRIAN FREWIN, M.B., B.S. (Ceyl.). (Temporary).
 LEON BARRY JELLETT, M.B., B.S., M.R.A.C.P. (Temporary).

Senior Demonstrator:

BARBARA JOAN DENNIS, Ph.D.

Demonstrators:

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

Research Fellow:

SANDFORD LLOYD SKINNER, M.D. (National Health and Medical Research Council Grant). Appointed 1965.

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.

Lecturer:

HARVEY ALAN COHEN, B.Sc. (Syd.), Ph.D. (A.N.U.). (Temporary).

Senior Research Fellow:

SAMARENDRA NATH BISWAS, M.Sc. (Calc.), Ph.D. (Australian Research Grants Committee). Appointed 1967.

MATHEMATICS

Elder Professor and Head of the Department:

ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.), F.A.A. Appointed 1959.

Professors:

RENFREY BURNARD POTTS, D.Phil., D.Sc. (Oxford), B.Sc. Appointed 1959.
 ALAN TRELEVEN JAMES, Ph.D. (Prin.), M.Sc. *Mathematical Statistics*. Appointed 1965.

Reader:

JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959; Reader, 1965.

Senior Lecturers:

MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.
 REYNOLD GILBERT KEATS, Ph.D. Appointed 1961.
 EDITH JANE PITMAN, B.A. (Tas.), Ph.D. (Syd.). Appointed 1963.
 RUDOLF VYBORNY, R.N.Dr. (Prague). Appointed 1965.
 WILLIAM BROOKING TAYLOR, M.Sc. (N.Z. and Lond.). *Mathematical Statistics*. Appointed 1966.
 KERWIN WILLIAM MORRIS, B.Sc. Appointed Lecturer, 1956; Senior Lecturer, 1967.
 WAZIR HASAN ABDI, B.A. (Alld.), M.A. (Alig.), Ph.D. (Luck.). Appointed 1967.

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.
 KENNETH ROBERT PEARSON, B.A. (Temporary).

Part-time Lecturers:

JAMES EDWARD DUFF, B.Sc. (Syd.), B.Ed. (Melb.). Appointed 1966.
 BRUCE NEVILLE ROBSON, B.Sc. (Tas.), Dip.Ed. Appointed 1966.

Senior Tutors:

FRANCES MACNALLY, B.Sc. (Lond.).
 MARTA SVED, M.Sc.

Tutors:

HELEN BOWNESS, B.Sc.
 RONDA MAY POTTER, B.Sc.
 WILLIAM NORMAN VENABLES, B.Sc. (Q'ld.).

MAWSON INSTITUTE FOR ANTARCTIC RESEARCH**Director:**

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

Engineer:

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

Readers:

NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. Appointed Lecturer, 1939;
 Reader, 1950.
 CHARLES REINHOLD JENKIN, Ph.D. (Lond.). Appointed Lecturer, 1960; Senior
 Lecturer, 1963; Reader, 1965.

Senior Lecturer:

DOUGLAS HARDY, M.A. (Camb.), M.B., Ch.B. (Edin.). Appointed 1966.

Lecturers:

IEVA AUZINS, Ph.D. Appointed 1965.
 PETER REEVES, Ph.D. (Lond.). Appointed Research Fellow, 1961; Lecturer, 1965.

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

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

At The Queen Elizabeth Hospital:

ARNOLD WARD DERRINGTON, D.T.M.&H. (Syd.), M.D. 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.
 WILLIAM HERON HOWARTH, M.B., B.Ch. (Rand), M.C.P.A. Appointed 1965.

Demonstrator:

STEPHEN COLOMAN CORNELIUS KARAY, M.B., B.S.

Senior Research Fellow:

JOHN BRIAN SOLOMON, B.Sc. (Nott.), Ph.D. (Lond.) (United States Public
 Health Service Grant). 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.

Senior Lecturers:

THOMAS McLEOD SPOTSWOOD, M.Sc. (Tas.), Ph.D., Appointed Lecturer,
 1962; Senior Lecturer, 1964.
 RALPH ALAN MASSY-WESTROPP, M.Sc. (Syd.), Ph.D. (Manc.). Appointed
 Lecturer, 1961; Senior Lecturer, 1966.

Lecturers:

GEORGE EDWARD GREAM, M.Sc. (N.E.), Ph.D. (Camb.). Appointed 1961.
 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 Fellows:

ARTHUR DOUGLAS BROADBENT, B.Sc. (Leeds), Dr.Sc.Techn. (E.T.H. Zurich).
Appointed 1965.
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.). Appointed 1954.

Professor:

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

Reader:

PETER JOHN DUNLOP, B.Sc. (W. Aust.), Ph.D. (Wis.). Appointed Senior Lecturer, 1959; Reader, 1966.

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.
PETER EDWARD MARSHALL ALLEN, D.Sc. (Birm.). Appointed Lecturer, 1963; Senior Lecturer, 1966.
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.

Demonstrators:

DAVID JOHN FENNELL, B.Sc.
MARIANNE ODLYHA, B.Sc.

Senior Research Fellow:

ROSS BANKS INMAN, Ph.D. Appointed 1964.

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.
KEITH HENRY LOKAN, Ph.D. (A.N.U.), B.Sc. Appointed 1965.

Lecturers:

CHARLES JOHN EDGAR KEMPSTER, M.A., Ph.D. (Camb.). Appointed 1959.
 LEON GORDON ERICSON, Ph.D. Appointed 1960.
 PAUL JULIAN EDWARDS, Ph.D. (Tas.). Appointed 1964.
 ALAN GOWER GREGORY, B.Sc. (Lond.), Ph.D. (A.N.U.). Appointed 1964.
 EUAN CHISHOLM MACKENZIE, Ph.D. (Birm.). Appointed 1965.
 PETER MITCHELL, Ph.D. (Temporary).
 GERALD NEIL HADDAD, B.Sc. (Temporary).

Senior Demonstrator:

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

Demonstrators:

ALAN CHARLTON BASTIAN, B.Sc. (W. Aust.).
 GRANT GARTRELL, B.Sc.
 PAUL LANCELOT GOUGH, B.Sc.
 BRYAN ROBERT WALTER, B.Sc.

Executive Officer:

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

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.

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.

Lecturers:

SHELLEY BARKER, Ph.D. (W. Aust.). Appointed 1963.
 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:

LAWRENCE JOHN BENNETT, B.Sc. (Wales).
 BRIAN FRANK GREEN, B.Sc. (Lond.).
 ENE LOOKE, B.Sc.
 VALERIE NOEL WILLIAMS, B.Sc. (Lond.).

FACULTY OF TECHNOLOGY AND APPLIED SCIENCE

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

DIVISION OF ENGINEERING

Head of Division: ROBERT WALTER SMYTH, Ph.D.

SCHOOL OF ARCHITECTURE AND BUILDING:

GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E. (Head of School).
 JAMES RIDYARD, B.Sc. (Tech.) (Manc.).
 HARRY PARSONS, M.C.D. (Liv.), B.Arch.
 GORDON YOUNG.
 SWAN DOUGLAS SWANSON, B.Tech.
 ARTHUR ALFRED PHILPOT.
 HENRY CLAVERING TUCKWELL, B.Sc.

SCHOOL OF CIVIL ENGINEERING:

FREDERICK ARTHUR HAAS, Dip.Ing. (Vienna). (Head of School).
 DONALD CHARLES CANTY, B.Tech.
 KENNETH CHARLES PILE, M.E.
 BRIAN PRESTON OPIE, Ph.D. (Durh.), B.E.
 RICHARD JOHN MEAGHER, B.E. (N.Z.).
 MARK GAIL SYMONS, B.E., B.Sc.
 PETER HARTOG, B.Sc., B.Sc. (Eng.) (Rand).
 JOHN ROBERT KEMMEL ARGUE, B.Sc. (N.S.W.).
 MARTIN SPITZER, B.Sc. (Delft), Dip.Ing. (Prah).
 LYALL EVERARD BISHOP, B.Tech.
 STEPHEN GEORGE LEEK.
 ARTHUR STOLZ, B.Surv. (N.S.W.).

SCHOOL OF ELECTRICAL ENGINEERING:

WILSON GORDON FORTE, B.E. (W. Aust.), (Head of School).
 STEPHEN JOHN SEKAY, Dip.Elect.Eng. (Bud.).
 JONATHON MOUNT, B.E.
 ANTONIN JAROSLAV KOPETSKY, B.E. (Harbin).
 BARRY JOSEPH GREAR, B.Tech.

SCHOOL OF ELECTRONIC ENGINEERING:

DAVID WILLIAM COX, B.Sc. (Head of School).
 KENNETH DAVIDSON BROADFOOT, B.E.
 MALCOLM ROSSWYN HASKARD, M.E.
 PETER FRANCIS REHN, B.E.
 MICHAEL JOSEPH MILLER, B.E.
 GEORGE EDWARD BIGGINS, B.E.

SCHOOL OF MECHANICAL ENGINEERING:

ROBERT WALTER SMYTH, Ph.D. (Head of School).
 ALAN RAWSON, B.Sc.
 DONALD MAXWELL CALDECOTT, B.Tech.
 BRUCE EDWARD FREDERICK MALONE, B.Tech.
 DONALD CHARLES McDONALD, B.Tech.
 LAMBERTUS MARTINUS MARIA VAN DAAL, B.Tech.
 JACK HUBERT BARTHOLOMEW.
 HORST WERNER GADILHE, Dipl. S.I. (Germany), B.Tech.
 RONALD FRANK EARLE, B.E.
 JOHN BARON WHITE, M.E.
 GEOFFREY EDWIN HIGGINBOTTOM, B.Sc. (Leeds).

DIVISION OF APPLIED SCIENCE

Head of Division: ROY VERNON CULVER, Ph.D.

SCHOOL OF CHEMICAL TECHNOLOGY:

ROY VERNON CULVER, Ph.D. (Head of School).
 REGINALD EDWARD UNDERDOWN, M.Sc., B.Tech., A.U.A.
 DUGALD HAUGHTON SLEE, B.A., B.Sc., Dip.Ed.
 JOHN RALPH McKELLAR, Ph.D.
 THOMAS EDWARD RICHARDS, B.App.Sc. (Q'ld.).
 ROBERT JOHN KELLY, B.E.
 EDWIN VINCENT HUMPHREY, B.Tech.
 THOMAS WILLIAM RIMMINGTON, M.Sc. (Birm.).
 DENNIS ESTCOURT MULCAHY, B.Sc.
 MAURICE DOLLING, B.Sc.
 MARK GREGORY LAMPARD, M.Sc. (Syd.).
 NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. *Honorary Consultant in Microbiology.*

SCHOOL OF MATHEMATICS:

DAVID HARRY LEE, M.Sc. (Acting Head of School).
 ARTHUR EDWARD NORMAN, B.A., B.Sc.
 ALAN FRANK WOOLDRIDGE, B.Sc.
 HAROLD EDGAR MANSBRIDGE, M.Sc.
 ERIC ARTHUR TAMLIN, B.Sc.
 JOHN RAYMOND BOWLES, B.Sc.
 ANDREW KENNETH DUNCAN, M.A. (Tor.), B.Sc.
 BASIL ROSS BENJAMIN, B.A., B.Sc. (Melb.).
 RALPH FRANCIS JONES, B.Sc., Dip.Ed. (Birm.).
 PHILIP GEORGE HOWLETT, B.Sc.
 JOSEPH FLORIAN ECKER, B.A., B.Com. (Melb.).
 DAVID MICHAEL PANTON, B.Sc.
 GEORGE RICHARD WILEY, B.Sc. (Syd.).

SCHOOL OF METALLURGY:

ARTHUR STANLEY APPLETON, Ph.D. (Liv.). (Head of School).
 FRANTISEK VNUK, B.A., B.Sc.
 IAN BRUCE KETTERIDGE, M.E.
 BRIAN JAMES SUNTER, M.Sc.
 DAVID ATKINSON, Ph.D. (Liv.).
 GEOFFREY WALTER WOOD, B.Sc. (Q'ld.).

SCHOOL OF PHARMACY:

BRUCE LESLIE REYNOLDS, B.Pharm. (Lond.). (Head of School).
 BASIL JAMES FREDERICK CHRISTIE, Ph.D.
 BERESFORD HANNAM STOCK, B.Sc., A.U.A. (Pharm.).
 REGINALD BERNARD PORTER, Ph.D.
 MARGARET ANN LAZNER, Dip.Pharm. (Syd.), B.Sc.
 JAMES LAURIE McINNES, A.U.A. (Pharm.).
 AIRDRIE CATHCART McCULLOCH, B.Sc.
 LLOYD NORMAN SANSOM, A.U.A. (Pharm.).
 JAN LEWIS ROBERTSON, B.Sc.

SCHOOL OF PHYSICS:

CYRIL GEORGE WILSON, M.Sc. (Head of School).
 WILLIAM STEVENSON BOUNDY, B.Sc., Dip.Ed.
 JOHN ARTHUR WESTPHALEN, B.Sc.
 PHILIP THOMAS DOBNEY, B.Sc.
 COLIN RAYMOND McGEE, M.Sc.
 PETER WILLIAM HOARE, B.Sc. (Lond.).
 BARBARA ISABELLE HERBERT POSSINGHAM, Ph.D.
 THEODORE RUDOLPH PETER, Dip.Mech.E. (Bud.).
 EDWARD ROBERT SANDERCOCK, B.Sc.
 ROY EDWIN WHITE, M.A., C.Ed. (Camb.).

ANTI-CANCER FOUNDATION
Senior Physicist:

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

Physicists:

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

Neoplasm Registrars:

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

Cyto-Pathologist:

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

Assistant Pathologist:

SATYENDRANATH KASHINATH NAYAK, M.B., B.S. (Bombay), D.M.J., D.Path.
 Appointed 1965.

FORMER OFFICERS OF THE UNIVERSITY

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 Lieutenant-Governor and Chief Justice of South Australia, 1883-1916.
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,
 Lieutenant-Governor and Chief Justice of South Australia, 1916-1942.
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A., 1942-1948.
 THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D., Lieutenant-Governor
 and Chief Justice of South Australia, 1948-1961.
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A., 1961-1966.

DEPUTY CHANCELLORS

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

VICE-CHANCELLORS

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 elected Chancellor 1876.
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief
 Justice of South Australia. Appointed 1876; elected Chancellor 1883.
 THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.
 JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.
 WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,
 Judge of the Supreme Court. Appointed 1915; elected Chancellor 1916.
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected Chancellor
 1942.
 THE HONOURABLE SIR HERBERT ANGAS PARSONS, LL.B., Judge of the Supreme Court,
 1942-1945.
 PROFESSOR JOHN McKELLAR STEWART, C.M.G., D.Phil., Deputy Vice-Chancellor, 1943-
 1945; Vice Chancellor, 1945-1948.
 ALBERT PERCIVAL ROWE, C.B.E., B.Sc., LL.D., 1948-1958.
 SIR HENRY BOLTEN BASTEN, C.M.C., M.A., 1958-1967.

DEPUTY VICE-CHANCELLOR

PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc., 1951-1965.

WARDENS OF THE SENATE

WILLIAM GOSSE, M.D., 1877-1880.
 THE VENERABLE ARCHDEACON FARR, M.A., LL.D., 1880-1882.
 FREDERIC CHAPPLE, B.A., 1883-1922.
 THE HONOURABLE MR. JUSTICE THOMAS SLANEY POOLE, M.A., 1922-1927.
 THE HONOURABLE SIR HERBERT ANGAS PARSONS, LL.B., 1927-1945.
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, LL.D., B.A., 1945-59.
 ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B., 1960.

TREASURER

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

CHAIRMEN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1894-1896.
 THE VICE-CHANCELLOR, 1897-1904.
 SAMUEL JOSHUA JACOBS, J.P., 1905-1912.
 SIR GEORGE BROOKMAN, K.B.E., 1913-1926.
 SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.
 SIR WILLIAM GEORGE TOOP GOODMAN, M.I.C.E., M.I.E.E., M.I.E. (Aust.), 1936-1953.
 SIR KENNETH AGNEW WILLS, K.B.E., M.C., K.St.J., E.D., 1954-1960.
 ROBERT ALLEN SIMPSON, B.E., 1961-65.

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 PROFESSOR PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.), 1956-57.
 PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A.,
 1958-1959.
 PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Camb.), 1960-1961.
 PROFESSOR HUGH NORWOOD ROBSON, M.B., Ch.B., F.R.C.P. (Edin.), F.R.A.C.P.,
 1962-1963.
 PROFESSOR DENIS OSWALD JORDAN, D.Sc. (Lond.), 1964-1965.

FORMER PROFESSORS

Classics:

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

English Language and Literature and Mental and Moral Philosophy:

REV. JOHN DAVIDSON, 1874-1881.
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1883-1894.
 WILLIAM MITCHELL, M.A. (Edin.), 1894-1922 (Emeritus, 1922).

Mental and Moral Philosophy:

JOHN McKELLAR STEWART, C.M.G., D.Phil. (Edin.), 1923-1950 (Emeritus, 1950).

English Language and Literature:

SIR ARCHIBALD THOMAS STRONG, M.A. (Oxford and Liv.), Litt.D. (Melb.), 1922-1930.
 JOHN INNES MACKINTOSH STEWART, M.A. (Oxford), 1935-1945.
 CHARLES 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.

Political Science and History:

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

Economics:

LESLIE GALFRIED MELVILLE, B.Ec. (Syd.), F.I.A. (Lond.), 1929-1931.
 EDWARD OWEN GIBLIN SHANN, M.A. (Melb.), 1935.
 KEITH SYDNEY GEORGE ISLES, B.Com. (Tas.), M.A., M.Sc. (Camb.), 1939-1945.
 JOHN HEDLEY BRIAN TEW, B.Sc. (Econ.) (Lond.), Ph.D. (Camb.), 1946-1949.
 PETER HENRY KARMEI, B.A. (Melb.), Ph.D. (Camb.), 1950-1965.

Commerce:

RUSSELL LLOYD MATHEWS, B.Com. (Melb.). Reader-in-Charge of Commercial Studies, 1953; Professor, 1958-1964.

Mathematics and Physics:

WILLIAM HENRY BRAGG, M.A. (Camb.), F.R.S., 1885-1908.

Mathematics:

HORACE LAMB, M.A., LL.D. (Camb.), F.R.S., 1875-1885.
 JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc., 1920-1944.
 HAROLD WILLIAM SANDERS, M.A. (Camb.), Lecturer, 1923-1943; Professor, 1944-1958 (Emeritus, 1959).

Physics:

SIR KERR GRANT, M.Sc. (Melb.), F.Inst.P.; Acting Professor, 1909-1910; Professor, 1911-1948 (Emeritus, 1949).
 LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A., 1949-1959 (Emeritus, 1960).

Chemistry:

EDWARD HENRY RENNIE, M.A. (Syd.), D.Sc. (Lond. and Melb.), 1884-1927.
 ALEXANDER KILLEN MACBETH, C.M.G., M.A. (St. And.), D.Sc. (Belf.), 1928-1954 (Emeritus, 1955).

Organic Chemistry:

GEOFFREY MALCOLM BADGER, M.Sc. (Melb.), Ph.D. (Lond.), D.Sc. (Glas.), F.R.I.C., F.A.A. Senior Lecturer, 1949-1950; Reader, 1951-1954; Professor, 1955-1964 (Emeritus, 1964).

Natural Science:

RALPH TATE, F.G.S., 1875-1901.

Geology and Palaeontology:

WALTER HOWCHIN, F.G.S.; Lecturer, 1902-1920; Honorary Professor, 1918-1920.

Geology and Mineralogy:

SIR DOUGLAS MAWSON, O.B.E., B.E. (Syd.), D.Sc., F.R.S.; Lecturer 1905-1920; Professor of Geology and Mineralogy, 1921-1952 (Emeritus, 1953).
 ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc., F.G.S., 1953-1966 (Emeritus, 1966).

Botany:

THEODORE GEORGE BENTLEY OSBORN, D.Sc. (Manc.), 1912-1928 (Emeritus, 1962).
 JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc., F.A.A.; Lecturer 1927-1934; Professor, 1935-1959.

Zoology:

THOMAS HARVEY JOHNSTON, M.A., D.Sc. (Syd.), 1922-1951.

Biochemistry and General Physiology:

- THORBURN BRAILSFORD ROBERTSON, Ph.D. (Cal.), D.Sc., 1919-1930.
 SIR CHARLES JAMES MARTIN, C.M.G., D.Sc. (Lond.), F.R.C.P., F.R.S., 1931-1933.
 SIR MARK LEDINGHAM MITCHELL, M.Sc. (Camb.); Lecturer, 1927-1937;
 Professor, 1938-1962 (Emeritus, 1962).
 ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., 1963.

Physiology:

- SIR EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., Sc.D. (Camb.), F.R.C.S. (Eng.), F.R.S.; Lecturer, 1882-1899; Professor, 1900-1919.

Human Physiology and Pharmacology:

- SIR CEDRIC STANTON HICKS, M.Sc. (N.Z.), Ph.D. (Camb.), M.D., F.R.I.C., 1926-1957 (Emeritus, 1958).

Bacteriology:

- ALBERT EDWARD PLATT, Ph.D. (Camb.), D.T.M., D.T.H. (Syd.), Dip.Bact. (Lond.), M.D., 1938-1941.

Microbiology:

- GEORGE BELLAMY MACKANESS, M.B., B.S. (Syd.), M.A., D.Phil. (Oxford), D.C.P. (Lond.), 1963-65.

Agricultural Chemistry:

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

Agriculture:

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

Agronomy:

- HUGH CHRISTIAN TRUMBLE, D.Sc. Agronomist, 1925-40. Professor, 1941-53.

Entomology:

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

Engineering:

- SIR ROBERT WILLIAM CHAPMAN, C.M.G., M.A., B.C.E. (Melb.), M.I.E. (Aust.); Lecturer, 1888-1906; Professor of Mathematics and Mechanics, 1910-1919; Professor of Engineering, 1907-1909 and 1920-1937 (Emeritus, 1937).

Civil Engineering:

- ROWLAND CUTHBERT ROBIN, M.E., 1939-1951.

Mining and Metallurgy:

- HERBERT WILLIAM GARTRELL, M.A. (Col.), B.Sc., 1938-1945.

Mining, Metallurgical and Chemical Engineering:

- EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.), F.R.I.C., 1947-1962.

Law:

- WALTER ROSS PHILLIPS, LL.B. (Camb.); Lecturer-in-Charge, 1883-1887.
 FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.) (Lecturer-in-Charge, 1888-1889), 1890-1896.
 JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.), 1897-1905.
 WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin), 1906-1916.
 COLEMAN PHILLIPSON, M.A., LL.D., Litt.D. (Manc.), 1920-1925.
 ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.
 RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-57.
 NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (Lond.), 1958-1961.

Anatomy:

- ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).
 FREDERIC WOOD JONES, M.B., B.S., D.Sc. (Lond.), F.R.S., 1920-1926.
 HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.), 1927-1929.
 HERBERT JOHN WILKINSON, M.D. (Syd.), B.A., 1930-1938.
 FRANK GOLDBY, M.A., M.D. (Camb.), M.R.C.P. (Lond.), 1937-1944.

Pathology:

- SIR JOHN BURTON CLELAND, M.D. (Syd.), 1920-1948 (Emeritus, 1949).

Experimental Medicine:

- EDWARD WESTON HURST, M.D., D.Sc. (Birm.), F.R.C.P. (Lond.), 1938-1943.
 EVERTON ROWE TRETHERWIE, M.D., D.Sc. (Melb.), M.R.A.C.P., 1944-1949.

Medicine:

- HUGH NORWOOD ROBSON, M.B., Ch.B. (Edin.), M.R.C.P., F.R.C.P. (Edin.), F.R.A.C.P. 1953-1965.

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:

THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc., Director of Dental Studies, 1949-1953; Professor, 1954-1958 (Emeritus, 1959).

Education:

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

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.

Adult Education (Director):

ARNOLD STANLEY McMATH HELY, M.A., B.Com. (N.Z.). 1957-1965.

LECTURERS (*honoris causâ*)**Medicine:**

SIR JOSEPH COOKE VERCO, M.D. (Lond.), F.R.C.S.

Surgery:

BENJAMIN POULTON, M.D.

Materia Medica and Therapeutics:

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

Gynaecology:

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

Obstetrics:

ALFRED AUSTIN LENDON, M.D.

FORMER REGISTRARS

WILLIAM BARLOW, B.A., LL.D., 1874-1882.

JOHN WALTER TYAS, 1882-1892.

CHARLES REYNOLDS HODGE, 1892-1924. Entered the service of the University, 1884.

FREDERICK WILLIAM EARDLEY, B.A., A.I.A.S.A., 1924-1944. Appointed Accountant, 1900;

Assistant Registrar, 1911; Registrar, 1924.

ALBERT WILLIAM BAMPTON, A.I.A.S.A. Accountant, 1924; Acting Registrar, 1945;

Registrar and Accountant, 1947-1950; Registrar, 1951-1954.

FORMER LIBRARIANS

ROBERT JOHN MILLER CLUCAS, B.A., 1900-1930.

WILLIAM ALBERT COWAN, M.A. (N.Z.), A.B.L.S. (Mich.), 1933-1964 (Emeritus, 1964).

HONORARY CLINICAL TEACHERS

Degrees shown are of the University of Adelaide unless otherwise indicated.

Medicine**Clinical Lecturers:**

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.

J. L. HAYWARD, M.D., 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:

R. C. ANGOVE, M.B., B.S., M.R.C.P. (Lond.), F.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.

H. R. GILMORE, M.B., B.S., M.R.C.P. (Lond.), F.R.A.C.P.

R. HECKER, D.T.M.&H. (Liv.), M.D., M.R.C.P. (Lond.), F.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.
 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*.
 J. W. McKAY, M.B., B.S. (Melb.), D.T.M.&H. (Liv.). *Tuberculosis*.
 L. J. RICE, M.B., B.S., M.R.C.O.G. *Venereal Disease*.
 A. C. SAVAGE, M.B., B.S. *Tuberculosis*.

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. BRITTON 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.
 J. L. STEELE SCOTT, M.A., M.B., B.Ch. (Camb.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.R.C.S. (Edin.).
 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*.
 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. MAGUIRE, 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*.
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 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*.
 A. A. TYE, M.B., B.S., (Melb.), D.O. (Lond.), F.R.A.C.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*.

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., M.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*.

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*.
 K. LE PAGE, M.B., B.S. *Psychiatry*.
 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*.
 W. T. McCOY, M.B., B.S., F.F.R. (Lond.), M.C.R.A. *Medicine*.
 I. M. STEVEN, M.B., B.S. *Anaesthetics*.

Mental Health**Clinical Lecturer:**

B. J. SHEA, D.P.M. (Melb.), M.B., B.S.

Clinical Instructors:

W. A. DIBDEN, D.P.M. (Melb.), M.B., B.S.
 H. G. EDHOUSE, M.B., B.S. (Melb.).
 K. LE PAGE, M.B., B.S.

Clinical Tutor:

N. C. C. KENT, M.B., Ch.B. (N.Z.), Ph.D. (Camb.).

Pathology**Clinical Instructor:**

R. T. W. REID, M.D., M.C.P.A.

Clinical Tutor:

M. C. FOWLER, M.D., M.C.P.A.

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- On the South Australian Herbarium Liaison Committee:**
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BENEFACTIONS BY PRIVATE PERSONS ENDOWMENTS (£1,000 or more)

(Smaller endowments are listed in the financial statements in Part III of the Calendar.)

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and in English and Philosophy.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship and exhibitions in Engineering.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.
- 1884-9: Sir Thomas Elder—£1,500 } in support of a chair in Music.
- 1884-9: Private Subscriptions—£1,150 }
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 } to found a lectureship in Ophthalmic Surgery
- 1916: Public Subscriptions—£325 } in memory of Dr. Chas. Gosse.
- 1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.
- 1890: W. Everard—£1,000 to found a scholarship in Medicine.
- 1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).
- 1897: Sir Thomas Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thomas Elder—£20,000 to endow the school of Music.
- 1897: Sir Thomas Elder—£25,000 for general purposes.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray—£1,000 to found the Tinline Scholarships in History.
- 1908: David Murray—£2,000 to found scholarships.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 1914: Peter Waite—Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, to advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
- 1915: Peter Waite—Estate of Claremont and part of Netherby, comprising 165 acres adjoining Urrbrae.
- 1918: Peter Waite—5,880 Shares in Elder, Smith and Co. Ltd., to provide income to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1916-22: Sir Samuel J. Way—£1,277 for general purposes.
- 1919: Miss E. M. Bunday—£1,236 to found research scholarships in Botany or Forestry.
- 1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University Library.
- 1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
- 1920: The Hon. Sir George Murray—£1,000 for the Building Fund.
- 1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
- 1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property in Victoria Square (subsequently sold for \$210,000) as an endowment for the advancement of medical research.
- 1926: The Hon. Sir Langdon Bonython—£20,000 to endow the chair of Laws.
- 1926: The Hon. Sir Josiah Symon—£9,500 for the Lady Symon Building, the women's portion of the University Union.

- 1926: Sir Joseph Verco—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927-8: T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
- 1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
- 1930-4: The Hon. Sir Langdon Bonython—£52,329 for a Great Hall.
- 1932: Ronald Lindsay Johnson—Land in Waymouth Street (estimated value £12,000) for chemistry laboratories.
- 1933: Mrs. E. Macmeikan—£18,872 for the purposes of the Waite Agricultural Research Institute.
- 1933: Fred Johns—£1,500 to found a scholarship in biography.
- 1935-7: Sir Joseph Verco—£2,165 for the medical school and £2,165 for the dental school.
- 1936: Miss M. T. Murray—£53,000 (approx.) for general purposes.
- 1936: The Hon. Sir George Murray surrendered to the University his life interest in Miss Murray's estate and gave £10,000 for a Men's Union Building.
- 1936: Edward Neale—£29,000 (approx.) for medical research.
- 1936: Mrs. R. F. Mortlock and her son, J. T. Mortlock—£25,000 to establish the Ranson Mortlock Trust for research in soil erosion and the regeneration of pastures.
- 1936: Miss Edith Bonython—£5,000 } towards the building and equipping of an
 1936: Norman Darling—£5,000 } Institute of Medical Science.
 1936: Mrs. T. E. Barr Smith—£5,000 }
- 1937: Sir William Mitchell—£20,000 to endow the chair of Biochemistry.
- 1937-55: Sir Thomas G. Wilson—£2,500 to found a travelling scholarship in Obstetrics.
- 1939: F. Lucas Benham—£51,000 (approx.) to encourage the study of natural history.
- 1939: Mrs. R. F. Mortlock—£5,037 for cancer research.
- 1939: Mrs. L. E. Bateman—£2,553 for cancer research.
- 1940: Sir William Mitchell—£5,500 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 Collin—£20,000 to endow the chair of Economics.
- 1959: Olive Eva Braund—£5,705 for the purposes of the Anti-Cancer Committee.
- 1959: S. McGregor Reid—£23,747 for cancer research.
- 1959: Mrs. S. McGregor Reid—£66,926 for cancer or other medical or surgical research as the University shall think proper.
- 1960: Reginald Walker—£30,456 to establish the Reginald Walker Bequest.
- 1961: Bertha Sudholz—£2,000 for scholarships as the Council may determine.
- 1961: Sir William Goodman—£4,000 to found a scholarship in Electrical Engineering.
- 1961: E. Mills—£2,027 for the purposes of the Anti-Cancer Committee.
- 1961: Mrs. I. Young—£2,249 for the purposes of the Anti-Cancer Committee.
- 1962: Mrs. Dora Holdsworth—£36,209 for medical research.
- 1962: Sir Tom Barr Smith—£10,500 to establish the Lady Barr Smith Memorial Fund for cancer research.
- 1963: H. J. Wilkinson—£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: F. C. McLaughlin—\$13,000 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.
 1958-66: An anonymous benefactor—\$250,000 for the Medical School.
 1959: An anonymous gift of £5,000 for the support of animal research.
 1964: Miss Dorothy Basey—£3,448 for cancer research.
 1964: E. H. Coble—£2,703 for cancer research.
 1964: Miss E. E. Jenkins—£1,000 for cancer research.
 1964: J. A. Martin—£7,000 for the purchase of the Anti-Cancer Hostel.
 1964: C.S.I.R.O.—£7,500 towards the cost of the Engineering Annexe.
 1964: W. D. and H. O. Wills—£20,000 towards the purchase of land at Bedford Park.
 1965: Mrs. D. E. Mortlock surrendered to the University her life interest in the University's Martindale land.

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.

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	tects	- - - -	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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- XLII. Of the A. M. Simpson Library in Aeronautics.
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- LXXXI. Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.
- LXXXII. Of the Lady Barr Smith Memorial Fund for Cancer Research.
- LXXXIII. Of the Schools at Bedford Park.

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 \$10. 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) pay the matriculation fee prescribed by the Council;* and
- (d) 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, Greek, Latin, French, German, Italian, Russian 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, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.

* The fee prescribed by the Council is \$6.

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) Ancient History and Modern 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

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, the Principal and the Chairmen of the Schools at Bedford Park, 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.

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 sections (c) and (d) 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.

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.

Chapter X.—Of the Faculties

*1. There shall be Faculties of Arts, Science, Law, Medicine, Music Engineering, Dentistry, Agricultural Science, Economics, Technology and Applied Science, and Architecture and Town Planning.

ARTS.

2. The Faculty of Arts shall consist of:

- †(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Dean of the Faculty of Science; the Bonython Professor of Laws; the Elder Professor of Music; the Professor of Computing Science; the Director of Education; the Principal of the Adelaide Teachers' College.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as

* Allowed 12th December, 1963.

† Amended 28th January, 1965.

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 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 teachers of principal subjects in the Elder Conservatorium of Music, 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 28th January, 1965.

§ Amended 4th November, 1965.

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 Laws; all full-time members of the Departments of Economics and of Commercial Studies*; the Heads of the Departments of History, History and Political Science§, and Geography.
- (b) *Appointed members*: (i) Two members of the part-time teaching staff of the Department of Commercial Studies* 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, History and Political Science,§ 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.

**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

* This Department is now known as the Department of Commerce.

§ This Department is now known as the Department of Politics.

** 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 five guineas (\$10.50) 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.

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. Candidates who are admitted to a degree *ad eundem gradum* shall pay a fee of five guineas (\$10.50), and candidates admitted *ad eundem statum* shall pay a fee of five pounds (\$10), which shall include the fee for matriculation.

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 8th December, 1938.

‡ Allowed 18th October, 1956, and amended 16th December, 1965.

Allowed 2nd December, 1926.

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, the Principal and the Chairmen of the Schools at Bedford Park, 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, and 28th January, 1965.

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 counter-signature by the Governor of these statutes shall have the same rank, precedence, and titles, and hold their offices by the same tenure, and upon and subject to the same terms and conditions, and (save the Chancellor and Vice-Chancellor) receive the same salaries and emoluments, and be subject to dismissal from their offices and suspension for a time from performing the duties and receiving the salaries thereto as if these statutes had not been made.

2. From and after the allowance and countersignature by the Governor of these statutes there shall be repealed:—

The statutes allowed and countersigned by the Governor on each of the undermentioned days, viz.:—

1. The 28th day of January, 1876.
2. The 7th day of November, 1881.
3. The 12th day of December, 1882.
4. The 16th day of September, 1885.

And the Regulations allowed and countersigned by the Governor on the 21st day of August, 1878.

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and counter-signature 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 Leaving Honours 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 22nd December, 1966. | § Allowed 6th December, 1923. |
| ** 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.

* The fee prescribed by the Council is \$6.30.

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 taking a course for a Bachelor's degree or for a diploma shall, unless exempted by the Council, pay two annual fees as prescribed by the Council, namely, an annual fee for membership of the University Union and a general service fee.**

‡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.

** The annual fee prescribed by the Council for membership of the University Union is \$27. The annual general service fee prescribed by the Council is, for Science-type courses, \$18; for Arts-type courses, \$12. (Some reduction of these fees 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. (a) The reference in Clause 2B of this Chapter to the University Library and the University Librarian shall, with respect to theses and other work submitted by candidates at Bedford Park, be construed to mean the Library or the Librarian at Bedford Park, as the case may require.

(b) The reference in Clause 8 of this Chapter to the University Union shall in relation to students at Bedford Park be construed to mean the Union at Bedford Park.

° Allowed 4th April, 1963.

Allowed 27th December, 1899.

† Amended 28th January, 1965.

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

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 of 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, 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 £25 (\$50) may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years 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 £25 (\$50) 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.

• Allowed 7th December, 1927.

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 XXXIX.—Of The John Lorenzo Young Scholarship.

Whereas the late John Harvey Finlayson bequeathed the sum of £200 to the University for the purpose of founding a scholarship in Political Economy or some cognate subject in memory of the late John Lorenzo Young; And whereas further to perpetuate the memory of the said John Lorenzo Young, some of his old pupils paid to the University a further sum of one thousand pounds for the purpose of promoting with the income thereof original research in any department of knowledge; Now it is hereby provided as follows:

A. The John Lorenzo Young Scholarship.

1. The said sum of £200, 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 £15 (\$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.

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.

Allowed 17th December, 1959.

Chapter XL.—Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.

Whereas the sum of £1,125 has been subscribed and paid to the University for the purpose of founding with the income thereof a Lectureship and Medal in Ophthalmology in memory of the late Dr. Charles Gosse: Now it is hereby provided as follows:—

1. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.

*2. There shall be a bronze medal to be called the Dr. Charles Gosse Medal, which shall be awarded annually to the best candidate in the subject of Ophthalmology, provided that he shall pass with credit in that subject, and that, in the opinion of the examiners, he shall be considered worthy of the award.

Only those candidates who have passed in all the subjects of the final examination shall be eligible for the medal.

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

* Allowed 11th December, 1924; amended 10th December, 1925.
Allowed 30th November, 1916.

Chapter XLI.—Of the Eugene Alderman Scholarships.

Whereas the sum of £740 has been raised by public subscription and has been paid to the University for the purpose of founding scholarships in memory of the late Eugene Alderman, a teacher of Violin in the Elder Conservatorium: it is hereby provided that—

1. Two scholarships, which shall be called Eugene Alderman Scholarships, shall be offered for competition among students of music who are natural-born British subjects and have been resident in the State of South Australia for three years prior to the date of entry.

2. Each scholarship shall be of the annual value of £18/10s. (\$37), and shall be tenable for three years subject to the provisions contained in clause 6. Each holder of a scholarship shall be required to study in the Elder Conservatorium the principal subject for which the scholarship has been awarded to him, together with such secondary subjects as may be approved by the Director. He shall also pay the proper fees.

*3. One scholarship shall be awarded for the Violin; the other shall be awarded for any one of the following subjects, namely, Violin, Violoncello, Pianoforte, Organ, or Singing; but in case of equality of merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of one guinea (\$2.10) and shall undergo such examination as the Council may direct.

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

**4. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No person who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete for one of these scholarships in the same subject.

‡4A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

‡‡5. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit. In the case of the lapse of the scholarship for violin, the 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 30th November, 1933.

‡ Allowed 16th December, 1948.

‡‡ Allowed 25th August, 1955.

• 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 L.—Of The Thornber Bursary.

Whereas the old scholars of the Unley Park School have subscribed the sum of £450 for the purpose of founding a bursary in memory of the late Catherine Maria Thornber, formerly principal of that school; it is hereby provided as follows:

1. A bursary for women students, to be called The Thornber Bursary, shall be offered for award annually by the University.

*2. The bursary shall be tenable for one year, shall be of the value of \$44, and shall be awarded to the candidate who secures at the Matriculation Examination the highest aggregate of marks in six

* Allowed 22nd December, 1966.

subjects which must include English, a language other than English, and a subject in Mathematics or the natural sciences. All subjects shall count as of equal value, and no award shall be made unless there is a candidate of sufficient merit.

3. Candidates for the Bursary must have received at least three years of their secondary education (including the year of competition for the Bursary) at one of the following schools in South Australia: Girton, Methodist Ladies' College, Presbyterian Girls' College, St. Peter's Girls' School, Walford Church of England Girls' Grammar School, Wilderness School, Woodlands Church of England Girls' Grammar School.

4. The successful candidate must have satisfied the requirements for entrance upon the degree course which she proposes to take at the University, and provided that she is at least seventeen years of age shall enter upon her course at the University as soon as possible after the award unless the University allow a delay for such reason and for such period as it may approve.

5. Payment of the bursary shall be made in three equal instalments, one at the beginning of each term of the year of tenure; provided that the second and third payments shall be subject to the bursar's work during the preceding term being satisfactory to the Dean of the Faculty concerned.

6. This statute may be varied from time to time, but the title and the general purpose of the endowment shall not be changed.

Allowed 20th December, 1956.

Note.—Candidates who desire to compete for the bursary and are eligible to do so must give notice on the proper form when they enter for the Leaving Examination. The form and full particulars may be obtained from the Secretary of the Public Examinations Board at the University.

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 3rd 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.

† Amendment allowed 22nd December, 1955.

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.

Chapter LX.—Of The Sir Robert Chapman Prize.

Whereas the University has received the sum of £300 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 ten guineas (\$21).

3. A prize shall be awarded each year to that fully 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 "Strength of Materials"; provided that no award shall be made unless the Faculty be satisfied that the student is worthy thereof.

4. If in any year no award be made, the prize for that year shall lapse.

5. This statute may be varied from time to time, but the title and the general purpose of the endowment shall not be altered.

° Allowed 25th August, 1955.

Allowed 15th December, 1937.

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.
 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.
- ^{**} 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.

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.

†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.

§ Increased by Council to \$50 in 1964.

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.

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

§ Increased by Council to \$100 in 1964.

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.

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

§ Increased by Council to \$35 in 1964.

a scholar be permitted not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. Each scholarship shall be offered for competition either towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

Allowed 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 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.

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

§ Increased by Council to \$50 in 1964.

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.

5. Every candidate shall pay an examination fee of one guinea (\$2.10)†, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made the Director of the Conservatorium shall have power to recommend to the Council that an exhibition equal to the value of the scholarship for one year shall be awarded to a student of the Conservatorium of outstanding merit.

* Subsequently increased to £500.

† Allowed 25th August, 1955.

‡ Allowed 18th October, 1956.

§ Increased by Council to \$50 in 1964.

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.

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 accumu-

lated 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 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.

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

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.

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

* Allowed 18th October, 1956.

† Increased by Council to \$60 in 1964.

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.

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 LXXXIII.—Of the Schools at Bedford Park.

1. There shall be Schools of Language and Literature, Social Sciences, Physical Sciences, and Biological Sciences, and such other Schools as the Council may from time to time determine.

2. For each School there shall be a Board which shall advise the Council on all questions relating to the studies, lectures and examinations in the School.

3. Each Board shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Principal; each Chairman of a School, or his nominee; the professors and lecturers of the School.
- (b) *Appointed members*: (i) Not more than three persons appointed by the Council on the recommendation of the Board; (ii) not more than three other persons appointed by the Council.

4. Appointed members of a Board shall hold office until the end of the calendar year for which they are appointed but shall be eligible for reappointment.

5. There shall be a Standing Committee of each Board. A Standing Committee shall be responsible to the Board, and shall:

- (a) conduct the day-to-day business of the School; and
- (b) perform such other duties as may be delegated to it by the Board.

6. A Standing Committee shall consist of:

- (a) the professors of the School;
- (b) as many other members of the Board as there are professors, to be elected by the Board;
- (c) the Chairman and the Vice-Chairman of the School, if they are not members under section (a) or (b) of this clause;
- (d) not more than two other persons who may be co-opted annually by the Standing Committee.

7. The term of office of an elected member of a Standing Committee shall be two years. Half of the elected members shall retire at the

end of each year and shall be eligible for re-election. At the first meeting, the elected members shall draw by lot to determine which of them will serve an initial term of one year, and which will serve a full term of two years.

8. The Council shall appoint a Chairman and a Vice-Chairman of each School on the recommendation of the Standing Committee of the School; save that the first Chairman of each School shall be appointed by the Council.

9. The Chairman shall hold office for a term of four years. Except with the approval of the Council on the recommendation of the Standing Committee, the Chairman shall not be eligible for reappointment for more than one further consecutive term.

10. The Vice-Chairman shall hold office for a term of two years and shall be eligible for reappointment.

11. The Chairman of each School, or in his absence the Vice-Chairman, shall perform such duties as may from time to time be prescribed by the Council, and (amongst others) he shall:

- (a) be Chairman of the Board and the Standing Committee of the Board, and shall preside at all meetings of those bodies at which he shall be present;
- (b) convene meetings of the Board and the Standing Committee at his own discretion or on the written request of the Vice-Chancellor or the Principal or of two members of the Board;
- (c) subject to the control of the Board, exercise a general superintendence over the School's administrative business.

12. If the Chairman and the Vice-Chairman are not available or are unable to act, the Vice-Chancellor or the Principal may convene a meeting of the Board or Standing Committee or, in the case of emergency, arrange for some other member of the Board to act for the Chairman.

13. Whenever in Chapters VIII, IX, XI, XXIV and XXV reference is made to a Faculty it shall according to the context and subject matter be read and construed to refer also to a School at Bedford Park or the Board of a School at Bedford Park as the case may require, and a reference to a Dean of a Faculty shall be read and construed to refer also to a Chairman of a School at Bedford Park.

Allowed 28th January, 1965.

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 1967

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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 of 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 1962—

Harrison, Powell Jessup (Singing). (One-year Exhibition.)

For 1964—

Gill, Peter G. (Singing).

For 1965—

Roberts, Susan P. (Violin).

For 1967—

Messner, Brian K. (Singing).

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.

1963—Birmingham, Jennifer A.

1965—Alderton, Shirley

1964—Lasscock, Janet

1966—Edmonds, Thomas J.

THE VARLEY SCHOLARSHIP

This scholarship, tenable for three years by a player of the viola, was founded in 1948 by John Varley with a gift of \$2,000.

For conditions, see Statutes, Chapter LXX.

Awards.

For previous awards, see Calendars from 1958.

For 1962—

Gare, Brian L.

(One-year Exhibition)

Larsens, Gunars

(One-year Exhibition)

For 1963—

Thomson, Damien Balfour

(One-year Exhibition)

For 1964—

Meyer, Michael C.

For 1967—

Thomson, Damien B.

THE ANDERS AND REIMERS SCHOLARSHIPS

These scholarships, each tenable for three years, were founded in 1948 by a bequest from the late Julie Sack.

For conditions, see Statutes, Chapter LXXI.

The Franz and Catherine Anders Scholarship is tenable by a player of the Double Bass.

Awards.

For 1961— Rozelaar, Amanda M. (One-year Exhibition)	For 1965— Wesley Smith, Peter
For 1962— Wickes, Lewis C.	For 1967— Schrama, Maria H. (One-year Exhibition)

The Gustav Reimers Scholarship is tenable by a player of the Violoncello.

Awards.

For 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—

Simpson, Anne.

For 1963 —

Larsens, Mairita.

For 1964—

Farkas, Ibojka Rosa

For 1967—

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—

Smith, David A.

For 1963 —

Lakin, Angela Mary

(One-year Exhibition)

For 1964—

Baghurst, Andrew H.

For 1967—

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 1963—

Kartomi, Margaret J.

For 1964—

Mincham, Julian H.

For 1965—

Wesley Smith, Martin.

For 1966—

Edwards, Ross A.

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 1963—	Hodge, Geraldine Janice.	For 1966—	Leak, Nina J.	} shared
For 1964—	Mihailovich, Mira	For 1967—	Edwards, Judith N.	
For 1965—	Samels, Joy		Cummins, Margaret E.	

THE FREDERICK BEVAN SCHOLARSHIP FOR SINGING.

This scholarship was founded in 1952 to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935. It is tenable for three years.

For conditions, see Chapter LXXIX of the Statutes.

Awards.

For previous awards, see Calendars from 1953.

For 1956—	Hearne, Janice Lesley.	For 1962—	Bermingham, Jennifer A.
For 1959—	Annear, Gwenyth.	For 1965—	Aunger, Meredith Mary

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 1965—

Greenlees, Alan W. (Oboe).
Mansfield, John D. (Bassoon).
Roose, Joannes M. (Flute).
Sinclair, Margaret J. (Clarinet).

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).

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

RULES

Whereas the sum of \$1,000 has been raised by a Committee of ~~ner~~ 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

RULES.

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

RULES.

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.

1960—Edwards, Warren B.	1965—Cummins, Margaret E. (Exhibition)
1962—Dawe, Robert A. L. (Exhibition)	1966—Younger, Graham J.
	1967—Klinberg, June M. (Exhibition)

THE CLEMENT Q. WILLIAMS PRIZE

RULES

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.

THE KLOEDEN-McCORMICK-GOODHART SCHOLARSHIP

RULES

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. 1963/66—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:

RULES

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:

RULES

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.

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 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, including a cool house, farm buildings, four 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, and the United States Public Health Service.

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.

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 in recent years in the Departments of Organic Chemistry, Physical and Inorganic Chemistry, Biochemistry, Agricultural Chemistry and Obstetrics and Gynaecology in the University of Adelaide, and in the Schools of Physical and Biological Sciences at the Flinders University.

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. During 1966, the Public Education Committee continued the activities in cancer education which it began in the previous year. A part-time Medical Adviser to the Public Education Committee was appointed in 1965, and during 1966 he addressed some 2,500 people at 25 meetings in metropolitan and country areas.

The loan of films to voluntary organisations for showing at their regular meetings continues to be one of the most successful avenues of the Committee's work. The demand by women's organisations for the films on breast cancer and the smear test continues to be very heavy.

PATIENT CARE: A Patient Care Committee was appointed in 1965. The work of this Committee has begun with the appointment of a Visiting Nurse, and its activities were expanded in 1966 with the appointment of a part-time Medical Social Worker. The generosity of Mr. J. A. Martin has enabled the Foundation to establish a Patients' Hostel in Gilles Street. The Hostel accommodates country patients undergoing courses of radiotherapy in Adelaide. Provision is made for any patient to be accompanied by a relative. The Board of the Royal Adelaide Hospital has kindly agreed to administer the Hostel for a trial period of two years.

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—R. B. Lewis, B.A., B.Sc., M.A.C.E., St. Mark's College, Pennington Terrace, North Adelaide; Telephone 6 9211

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 comprises the late Mr. Wilcox's residence, three adjoining properties purchased by the College Council, a spacious Dining Hall and Common Room built in 1960, and a building completed in 1963, which includes an Administration Centre, Common Rooms, Tutorial Rooms, and a Residential Block. Further residential accommodation for undergraduates and graduates was completed in 1965 and a new wing will be completed for the first term in 1967.

The College buildings are situated in pleasant grounds with a view to the Mt. Lofty Ranges. The University is within ten minutes' walk from the College.

St. Ann's provides tutorials for members of the College. Non-residential students may affiliate with the College and attend tutorial classes.

The College is governed by a Council two-thirds of whom must be women. Representatives are nominated by the University Council, the Women Graduates' Association, the Headmistresses' Association, and the St. Ann's Collegians Association; in addition, there are ten elected members. Mrs. Ashley Magarey, B.A., is Chairman of the Council, and Mr. R. A. Simpson, B.E., is Chairman of the Finance Committee.

Further details can be supplied by the Principal, Miss D. Raynes, B.A., 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. 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 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, 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 be admitted to the College unless he has matriculated in the University, or proposes to matriculate within six months of his entry; and 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 foundation of this College was initiated by a gift in 1966 of \$60,000 by Mrs. Kathleen Lumley to promote the establishment of a residential college for postgraduate students in the University of Adelaide. The establishment of such a college was supported by the Australian Universities Commission, and on the recommendation of the Commission the Commonwealth and State Governments agreed to grant \$120,000 and \$60,000 respectively to enable the first stage of the College to be built. The University made available a site on Mackinnon Parade and Finnis Street in North Adelaide and undertook to grant the College affiliation when it was established, an Interim Council of the College was formed and the College granted incorporation, and plans were developed for the first stage of the College buildings. In the meantime, the College proposes to open, by using some existing cottages on the site, in a modest way during 1967.

While the College is intended for postgraduate students in the University of Adelaide, the University Council and the Interim College Council have agreed to admit as 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.

The Chairman of the Interim Council of the College is Professor R. N. Robertson, D.Sc., F.R.S., and the Acting Bursar is Mr. P. B. Wells, Chartered Accountant, 20 Grenfell Street, Adelaide.

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 Year-book* 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.

*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.

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 for 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 other departments of the University, 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 free of charge on application to the Registrar:

- 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.

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 1967, and their times, will be found on page 1114.

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.

1963	Kleinig, John W.	1965	Mills, Alice C.	} equal.
1964	Fisher, Denis J.		Searle, Garfield J.	
		1966	Kentish, Michael	

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.

1963	Doecke, Ian P.	1965	Mills, Alice C.
1964	Bishop, Ronald J.	1966	Telfer, Helen J.

The James Gartrell Prize.

RULES

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, and that no student shall be eligible for the prize who has not passed in at least two units in the course for the B.A. degree in the year in which he presents himself in the examination in Comparative Philology.

As amended by Council, 27th June, 1930.

Awards.

For previous awards, see Calendars from 1932.

1963	Guerin, Bruce	1966	Schulz, Adela L.
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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:

1963	Ellis, Roger M.	1965	Rodger, Michael S.
1964	Bright, Ann	1966	Gent, Margaret G.

Scholars:

1945	Smith, Cecil Teesdale	1955	Tregenza, John Miller
1949	Wall, Barbara Deane	1961	O'Grady, Helen P.

The Tormore Prize.

RULES

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.

1963	Gent, Margaret G.	1965	Mills, Alice C.
1964	Cameron, Heather M.	1966	Field, Wendy E.

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.

1963	Makin, Robert J.	1965	Bowden, Barry S.
1964	Lee, Michael J.	1966	Hann, Adrian

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.

- | | | | |
|------|--------------------|------|--------------------|
| 1963 | Rodger, Michael S. | 1965 | Lee, Michael J. |
| 1964 | Gent, Margaret G. | 1966 | Tulloch, Graham J. |

The Edith Hübbe and Harriet Cook Prize.

RULES.

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.

- | | | | |
|------|---------------------|------|-------------------|
| 1963 | Disney, Shaun A. R. | 1965 | Gent, Margaret G. |
| 1964 | Parker, David H. | 1966 | Lee, Michael, J. |

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.

In 1964 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.

- | | | | |
|------|-----------------------|------|--------------------------|
| 1961 | Tidemann, Margaret B. | 1965 | Madelaine, Richard E. R. |
| 1964 | Healey, John D. | 1966 | No award |

The M. Rees George Memorial Prize.

RULES.

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.

1963 Bayer, Rosy	1965 Blackburn, Susan
1964 Rawson, Janine A.	1966 Hubert, Marie C. J.

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. D.1596/61.

Awards.

For previous awards, see Calendars from 1962.

1963 Bayer, Rosy	1965 Blackburn, Susan
1964 Rawson, Janine A.	1966 Méléo, Georges

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. D.1595/61.

Awards.

For previous awards, see Calendars from 1962.

1963 Cornell, Anthea M. I.	1965 Rawson, Janine A.
1964 Della-Putta, Bice	1966 Dodsworth, Stephanie A.

The Violet de Mole Memorial Fund.

RULES

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.

1963	Cornell, Christine H.	1965	Hyslop, Anthea M. I.
1964	Forrest, Anna M. H.	1966	Rawson, Janine 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.

- | | | |
|------|-------------------------------------|---------|
| 1963 | German I: Urban, Evelyn | |
| | German II: Wieland, Brigitte | |
| 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. | |

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.

1964—

Prizes:

German III: Wieland, Brigitte	} equal
Final Honours German: Kleinig, John W. McGowan, Ursula	

Award:

Kleinig, John W	} equal
McGowan, Ursula	

1965—

Prizes:

German III: Urban, Evelyn.

Final Honours German: Szczygielski, Wladyslawa W.

Award:

Hebart, Ernst.

1966— No awards.

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.

RULES

Whereas the Australian-American Association in South Australia Incorporated raised by public subscription a sum of money* which it has given to the University for the purpose of founding a Scholarship in memory of John Fitzgerald Kennedy, President of the United States of America from 1961 to 1963, the following rules are hereby made:

1. The Scholarship shall be called The John F. Kennedy Memorial Scholarship.
2. The aim of the Scholarship shall be to encourage studies in Politics, International Relations and History.
3. A candidate for a Scholarship shall be a matriculated student in the Faculty of Arts, who
 - (a) in the year before that in which he wishes to hold the Scholarship is enrolled as a part-time student in the course for the Honours degree of Bachelor of Arts in either the School of History or the School of Politics, or in a combination of the two;
 - (b) has completed, or before taking up the Scholarship will have completed, all the work for the Honours degree except only the work of the final Honours year; and
 - (c) undertakes that if awarded a Scholarship he will enrol as a full-time student for the work of the final Honours year.
4. (a) A candidate for a Scholarship shall be nominated, in November of any year, by either the Head of the Department of History, or the Head of the Department of Politics.
- (b) All nominations received by November 30 shall be considered initially by a Committee appointed for the purpose by the Faculty of Arts. The Committee shall report to the Faculty.

* \$3,888.32.

- (c) In considering each nomination the Committee will take into account both academic record and financial need.
- (d) The award of a Scholarship shall be made by the Council on the recommendation of the Faculty of Arts.

5. A Scholarship shall be tenable for the year that the holder is enrolled as a full-time student for the work of the final Honours year. Its value shall be determined by the Council when the award is made; but so long as the income from the fund suffices for the purpose the value shall not be less than \$A200. Payment shall be made in two equal instalments: one at the beginning of the year of tenure of the Scholarship and the other as soon as practicable after receipt by the Academic Registrar, not earlier than four months after the date of payment of the first instalment, of a report from the Head of the relevant Department that the scholar's work and progress have been satisfactory.

6. The Scholarship shall be offered for award annually; but no award shall be made if, in the opinion of the Faculty of Arts, no candidate is of sufficient merit.

7. If in any year the Scholarship be not awarded additional Scholarships may, subject to these rules, be awarded in a subsequent year, provided that there are candidates who in the opinion of the Faculty of Arts are of sufficient merit.

8. These rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed.

Award.

1967 Panter, John R.

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.

1964	Worden, Margaret A. (History)	Marshall, Marilyn C. (Politics)	
	Schultz, Lance F. (Politics)		
1965	Gibson, Edmund R. B. (History)	1966	Norris, Ronald } Murray, William J. } equal (History)

The Natalia Davies Prize.

RULES.

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.

1963	Ketley, Christopher L.	1965	Disney, Julian H. P.
1964	Rogers, Ronald D.	1966	Hetzel, Susan M.

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.

1963	Lawson, Henry W.	1965	Simon, John G.
1964	Hannan, Myles B.	} equal	1966 Sutherland, Robert B.
	Rigby, Kenneth		

The Jefferis Memorial Medal.

RULES

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.	1966	Hawkes, Raymond	} equal
1965	Emery, Peter J.		Kelly, David St. L.	

The Australian Psychological Society Prize in Psychology.

RULES

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 third-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 matriculated student who has, in that year, most distinguished himself in the course in Psychology III, provided that no award shall be made if no candidate is deemed of sufficient merit.
4. These rules may be varied from time to time by the Council.

Awards.

For previous awards, see Calendars from 1962.

1963	Robertson, Leith S.	1965	Taplin, Roger E.
1964	Tilby, Penelope J.	1966	Nettlebeck, Theodore J.

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.	1948-66	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.

1963	Ramsay-Matthews, Graham	1965	Hood, Dianne W.
1964	Beckwith, Robert J.	1966	Sealey, Patricia E.

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.

1963	Hocking, Peter W.	1965	Grosser, Carolyn M.
1964	Strachan, Helen S.	1966	Hall, Alvena B.

The Archibald Grenfell Price Prize in Geography.

RULES

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.

1963	Boehmer, Sonya A.	} equal	1965	Webster, Lyndon L.	} equal
	Day, Christine J.		1966	Smith, Roger H.	
1964	Searle, Glen H.		Thomson,		
			Robyn M.		

The New Education Fellowship Prize in Education

RULES.

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	1965	McDonald, Elizabeth, M.A.
		1966	No award.

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.

RULES

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.

The John Bagot Scholarship and Medal.

RULES

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.	} equal	1965	Purdie, Rosemary W.
1964	Keane, Philip J.		1966	Dry, Peter R.
	Tan Beng Huat			

Medal.

1940	Mercer, Frank Verdun	1964	Nunn, Christine E.
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The Elsie Marion Cornish Prize.

RULES

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.

1963	Smyth, David R.	1965	No award.
1964	Woidt, David F.	1966	Purdie, Rosemary W.

The J. G. Wood Memorial Prize.

RULES

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.

D.2498/60.

Awards.

1962	Millard, Diane L.	1965	Woidt, David F.
1963	Gordon, Elizabeth M.	1966	Rungie, John M.

The Rennie Scholarship.

RULES

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.

1949	Seidler, Jan Hynek	1961	Ramsay, George C., B.Sc.
1952	Thompson, Malcolm James	1962	Paul, David B.
1954	Gooden, John E. A.	1966	Chaplin, Rodney P.

The Tate Memorial Medal.

RULES

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.

D.747/56.

Awards.

For previous awards, see Calendars from 1932.

1956	Daily, Brian, B.Sc.	1965	Goode, Alan D. T. } equal
			Walter, Malcolm R. }
		1966	Jenkins, Richard J. F.

The James Barrans Scholarship.

RULES

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.

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.	1966	McKirby, David M.	
	Walter, Malcolm R.			} equal

The J. R. Wilton Prize.**RULES**

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.

1962	Pearson, Kenneth T.	}equal	1964	Clarke, Robert J.
	Worley, Roderick T.		1965	Butcher, Margaret G.
1963	Summerfield, William C.		1966	Simon, Leon M.

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.

D.1584/60.

Awards.

Chemistry:		Chemical Engineering:	
1963	Redmond, John W.	1962	Phillips, Colin R.
1964	Jackson, Mervyn B.	1963	Jansen, Malcolm L.
1965	Chaplin, Rodney P.	1965	Ryan, William J.
1966	Hodgeman, Daryl K. C.	1966	Gehan, Kevin

The Sir Ronald Fisher Prize in Genetics.

RULES.

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.

- | | |
|----------------------------|--------------------------|
| 1962 Marshall, Jennifer A. | 1964 Smyth, David R. |
| 1963 Kennedy, Helen M. | 1965 Grivell, Anthony R. |

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:—

Mathematical Statistics: Muirhead, Robb J.

Genetics: No award.

The Pfizer Prize in Microbiology.

RULES.

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.

The Philips Prizes in Physics.

RULES.

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 proceeding to the degree of Bachelor of Science who is placed first in the annual examination in Physics I.
 - (b) A prize of \$100 for the matriculated student proceeding to the degree of Bachelor of Science who is placed first in the annual examination in Physics II.
 - (c) A prize of \$100 for the matriculated student proceeding to the degree of Bachelor of Science 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.

1964—
 Physics I: Martin, Lynette R. }
 Muirhead, Robb J. } equal
 Urch, Ian H. }
 Physics II: Lewis, Brenton R.
 Physics III: Bracken, Anthony J.
 Physics IV: McAvaney, Bryant J.

1965—

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

1966—

Physics I: Cooper, Dale F. } equal
 Nagorcka, Barry N. }
 Physics II: Wray, Stephen D.
 Physics III H: Gardner, James L. } equal
 Urch, Ian H. }
 Physics IV: Lewis, Brenton R.

C.S.R. Chemicals Prize.

RULES.

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. } equal	1965	Jackson, Mervyn B. } equal
	Casey, Brian A. }		Walji, Ahmed }
			Hassanali }
		1966	Chaplin, Rodney P.

FACULTY OF AGRICULTURAL SCIENCE.**The D. B. Adam Memorial Prize.****RULES.**

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.

1961	Richardson, Noel L.	1964	Dube, Alan J.	
1962	No award	1965	No award	
1963	Haas, Christine P.	} equal	1966	Atchison, Bentley A.
	Wauchope, Mary R.			

Australian Institute of Agricultural Science (S.A. Branch) Prize.**RULES**

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.

1961	Rathjen, Anthony J.	1964	Thomas, Geoffrey N.
1962	Richardson, Noel L.	1965	Grivell, Anthony R.
1963	Nancarrow, Colin D.	1966	England, Peter J.

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

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.		

The Sir Robert Chapman Prize.

This prize was founded by former students of Sir Robert William Chapman, C.M.G., M.A., B.C.E., M.I.E. (Aust.), first professor of Engineering, and for fifty years a teacher in the University, in his honour. It consists of a printed reproduction of the portrait of Sir Robert Chapman and the sum of \$21; and it is awarded on the results of the annual examination in Strength of Materials.

For conditions, see Statutes, Chapter LX.

Awards.

For previous awards, see Calendars from 1943.

1962	Lee, Huat Chye (Jeffrey)	1965	Heydrich, Hans	} equal
1963	Moxham, Kenneth E.	1966	Colebatch, Phillip M.	
1964	Dac, Dang Quy		Jenkins, Graham K.	
	Foley, Shane P.			

The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of \$50 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.

1963	Parkin, John W.	1965	Lim Thuan Kee
1964	Tozer, Barry A.	1966	Foley, Shane P.

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.

1963	Fluk, Otto	1965	Matthew, Peter W.
1964	Doherty, Lindsay E.	1966	Russell, Peter C.

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. D.1589/61.

Awards.

1963	Moffatt, Kevin R.	1965	Foley, Shane P.	} equal
			Killick, James C.	
1964	Lim Thuan Khee	1966	Sutton, John M.	

The Lokan Prize.**RULES**

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.

1963	Mitchell, Alan	1965	No Award
1964	Johnstone, David I.	1966	Fox, Allan D.

The E. V. Clark Prize for Electrical Engineering.**RULES.**

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 1958.

1963	Barker, Dean E.	} equal	1965	Bullock, Frederick G.
	Smith, Andrew B.		1966	Hopkirk, Geoffrey G.
1964	Lange, Volker W.			

The Gerard Prize.**RULES**

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 examina-

tion 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.

1963	Lee, Huat Chye (Jeffrey)	1965	Lange, Volker W.	}equal
1964	No award		Whitrow, John L.	
		1966	Colebatch, Phillip M.	

The Electricity Trust of South Australia Prize.

RULES

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.

1963	Kimber, Maxwell J.	1965	Lees, Maxwell L.
1964	Barter, Christopher J.	1966	Bereznai, George T.

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.

1963	Sydenham, Peter H.	1965	Akhtar, Muhammad Y.
1964	Devitt, Brian J.	1966	Schapel, Jeffrey G.

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.

1963	Chan, Siew Hung	1965	Brewster, James W.
1964	Zimmerman, Werner	1966	Ramsey, Douglas P.

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.

1963	Green, Leslie C.	1965	Bereznai, George T.	}equal
1964	Robert, John D.		Lange, Volker W.	
		1966	Colebatch, Phillip M.	

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.

1963	Smith, Andrew B.	1965	Mere, Rein
1964	Lange, Volker W.	1966	Olesnicky, Roman M. E.

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.

1962	Cooper, Dennis N.	1964	Flavel, Warren L.	} equal
1963	Drewer, Peter C.		Lee, Huat Chye	
	Smith, Bernard M.	1965	Lees, Maxwell L.	
		1966	Hawryszkiewicz, Peter	

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.

1962	Drewer, Peter C.	} equal	1964	Webster, Ashley D.
	Smith, Bernard M.		1965	Whitrow, John L.
1963	Flavel, Warren L.		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.	1965	Lees, Maxwell L.
1964	Lee, Huat Chye (Jeffrey)	1967	Bullock, Frederick G. Colebatch, Phillip M. } equal

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.

1959	Bishop, Michael M.	1963	Brown, Garry L.
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.

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 third 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.

1963	Welford, John P.	1965	Wilson, Richard E.
1964	H'ng, Hung Cheng	1966	Heydrich, Hans

Chemical Engineering.

1963	Arthur, Neill F.	1965	McCarthy, Michael A.
1964	Gehan, Kevin	1966	Hia, Chek Phang

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. D.12/54.

Awards.

For previous awards, see Calendars from 1957.

1962	Fryer, Colin	1964	Isaachsen, Oscar A.
	Rogers, Peter L.	1965	No award
1963	Story, Michael J.	1966	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. D.1546/59.

Awards.

For previous awards, see Calendars from 1963.

1963	Roberts, Terence J.	1965	Arthur, Neill F.
1964	Rowe, James W.	1966	Fox, Allan 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 thirty guineas 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. D.1545/59.

Awards.

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

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 provided that in the opinion of the examiners he is of sufficient merit.

Awards.

1964	Sutton, John M.	1966	Hia, Chek Phang
1965	Fraser, Robert A.		

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.

1964	Doyle, John J.		<i>Prox. acc.</i>
	Doyle, Margaret C.		Disney, Julian H. P.
	Lindell, Geoffrey J.	1966	Abbott, Anthony N.
	McDonell, Ian P.		Disney, Julian H. P.
	<i>Prox. acc.</i>		Dyki, Nick
	Beatty, James D. J.		Haynes, Jennifer M.
1965	Daw, Rowena C.		<i>Prox. acc.</i>
	Doyle, John J.		Daw, Rowena C. } equal
	Dyki, Nick		Ligertwood, }
	Haynes, Jennifer M.		Andrew L. C. }

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.

1959	Cornish, William R.	1965	Lindell, Geoffrey J.
	Prior, Graham C.	1966	Doyle, John J.
1962	Finnis, John M.	1967	Haynes, Jennifer M.

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.

1963	Duggan, Kevin P.	1965	Doyle, John J.
	Doyle, John J.		Haynes, Jennifer M.
1964	Doyle, John J.	1966	Abbott, Anthony N.
	Doyle, Margaret C.		Holmes, Penelope M.

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,
1933	Wynes, William A., LL.B.		B.A., LL.M., Ph.D.
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.

1963	Detmold, Michael J.	1966	Doyle, John J.	} equal
1964	Lindell, Geoffrey J.		Haynes,	
1965	McDonnell, Ian P.		Jennifer M.	
			Ligertwood,	
			Andrew L. C.	

The Justin Skipper Prize.

RULES

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.

1961	Finnis, John M.	1964	Lindell, Geoffrey J.
1962	No award.	1965	Hackett-Jones, Geoffrey A.
1963	Detmold, Michael J.	1966	Beatty, James D. J.

The Thomas Gepp Prize.

RULES.

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.

1963	Detmold, Michael J.	1965	Browne, Jeffrey F.
1964	Lindell, Geoffrey J.	1966	Taylor, John L.

The Roy Frisby Smith Prize.

RULES.

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.
1965 McDonell, Ian P.

1966 Haynes, Jennifer M.

FACULTY OF MEDICINE.

The Sir Hugh Cairns Memorial Prize.

RULES

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.

D.279/55.

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.

1963	Coleman, Mark	1965	Wilson, Adrian F.
1964	Heddle, Robert J.	1966	Jaensch, Judith } equal
			Lee, Choon Huat }

The Christopher and John Campbell Prize in Biochemistry.

RULES.

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 Second 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.

D.48/51.

Awards.

For previous awards, see Calendars from 1953.

1963	Gill, P. Grantley	1965	Woodroffe, Andrew J.
1964	Craig, Ian H.	1966	Penfold, Brian A. } equal
			Waltham, Robert D. }

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 annual examination in Anatomy as part of the Second Annual Examination of the medical course, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1964	Craig, Ian H.	1966	Heddle, Robert J.	} equal
1965	Campion, Elza C.		Penfold, Brian A.	
			Walker, Robert I.	

The Smith Kline and French Prize in Microbiology.

RULES.

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.

1963	Henderson, Douglas W.	1965	Craig, Ian H.
1964	Gill, P. Grantley	1966	Phillips, Patrick J.

The Dr. Davies-Thomas Scholarships.

RULES.

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.

1963	Third-year Examination: Gill, P. Grantley	1965	First Professional Examination: Woodroffe, Andrew J.
	Fifth-year Examination: Lumbers, Eugenie R.		Second Professional Examination: Craig, Ian H.
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.

The J. B. Cleland Prize in Pathology.

RULES

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.

1963	Luke, Colin G.	1965	Craig, Ian H.
1964	No award	1966	Coleman, Mark

The Thomas L. Borthwick Memorial Prize.

RULES.

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 degree 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.	

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. D.1542/65.

Awards.

1965	Morphett, Arthur D.	1966	Grove, David I.
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The Archibald Watson Prize.

RULES.

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.

1963	Pellew, Catherine A.	1965	Court, Jennifer J.
1964	Paull, Andrew	1966	Gill, P. Grantley

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.

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.

1963	Switajewski, Christopher A.	1965	Rasch, Marjorie
1964	Perriam, Donald J.	1966	Roberts-Thomson, Mary E.

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.

1963	Morris, Lloyd L.	1965	Hersey, Peter
1964	Lumbers, Eugenie R.	1966	Roberts-Thomson, Mary E.

The Lister Prize.

RULES.

Whereas the sum of \$200 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, the following rules are hereby made:

1. The prize shall be called the Lister Prize.
2. It shall consist of a bronze medal and the sum of \$7.

3. The prize shall be awarded annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the sixth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the prize shall be made in that year.

4. The prize shall not be awarded twice to the same person.

5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months as surgical dressers.

Awards.

For previous awards, see Calendars from 1939.

1961	King, Tania L.	1965	No award
1962	Morris, Lloyd L.	1966	Gill, P. Grantley
1963	Roman, Desmond, B.Med.Sc	1967	Lewis, Graham N.
1964	Hersey, Peter		

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.

1962	Graham, John R.	1965	Henderson, Douglas W.	} equal
			Hersey, Peter	
1963	Morris, Lloyd L.	1966	Gill, P. Grantley	} equal
1964	Luke, Colin G.		Roberts-Thomson, Mary E.	

Frank S. Hone Memorial Prize.

RULES.

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.

D. 1012/51.

Awards.

For previous awards, see Calendars from 1953.

1963 Basten, Antony	1965 Hersey, Peter
1964 Lumbers, Eugenie R.	1966 Gill, P. Grantley

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.

RULES.

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.

D.1559/61.

Awards.

1963 Morris, Lloyd L.	1965 Hersey, Peter
1964 Paull, Andrew	1966 Gill, P. Grantley

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:
1963 Talbot, Judith A.	} equal	1963 Morris, Lloyd L.
Turnbull, John W.		1964 Lumbers, Eugenie R.
1964 Peacock, Morris J.		1965 Hersey, Peter
1965 Hersey, Peter		1966 Roberts-Thomson, Mary E.
1966 Roberts-Thomson, Mary E.		

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:

RULES.

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.

D.1546/64.

Award.

1965 Landers, John A.G.

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:

RULES.

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.

D.1547/64.

Award.

1965 Roberts-Thomson, Mary 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.

1963 Switajewski, Christopher A. 1965 Thomas, David W.
1964 Peacock, Morris J. 1966 Thomson, Napier M.

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 Eugene Abraham Mation Prize.

Whereas the sum of \$1,000 has been given to the University by Mrs. E. A. Mation for the purpose of establishing a prize in memory of her husband, the following rules are hereby made:

Rules.

1. The prize shall be called "The Eugene Abraham Mation 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.
(D.1604/65)

Award.

1966 Thomson, Napier M.

The Australian College of General Practitioners Prize.

RULES.

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.

1959	Burns, Richard J.	1963	Rosenfeldt, Franklin L.
1960	No award	1964	Perriam, Donald J.
1961	Glinka, Natalie	1965	Willoughby, Jane S.
1962	No award		

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:

RULES.

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.

D.1534/64.

Awards.

1964	Perriam, Donald J.	1966	Roberts-Thomson, Mary E.
1965	Hersey, Peter		
	Sangster, John F.		

}equal

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.	1965	Odgers, Robert J.
1964	Mykyta, Ludomyr J. } equal	1966	Roberts-Thomson, Mary E.
	Paull, Andrew		

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.

1963	Morris, Lloyd L.	1965	Hersey, Peter
1964	Lumbers, Eugenie R.	1966	Roberts-Thomson, Mary E.

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.

D.2427/61.

T. G. Wilson Travelling Scholarship in Obstetrics.

*In 1938 the sum of \$4,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of \$400.

For conditions, see Statutes, Chapter LVIII.

Awards.

1949	G. W. E. Aitken, M.B., B.S.	1961	E. M. Symonds, M.B., B.S.
	M. W. Elliott, M.B., B.S.	1966	G. J. Andersen, M.B., B.S.
1951	R. M. Beard, M.B., B.S.		J. A. O'Loughlin, M.B., B.S.
1955	D. R. Lowe, M.B., B.S.	1967	J. T. Martin, M.B., B.S.

*In 1955 the capital sum was increased to \$5,000 and the value of the scholarship raised to \$500.

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:

1962	Handley, Douglas V.
1963	Pearlman, Helen R.
1964	Roberts-Thomson, Mary E.
1965	Craig, Ian H.
1966	Phillips, Patrick J.

Senior Prizes:

1960	Charnock, John S., B.Sc.
	Cheah, Dolly, B.Sc.
	Porter, Reginald B., M.Sc.
1961	Porter, Reginald B., M.Sc.

Faulding Scholarships in Experimental Pharmacology and Therapeutics.

The Council has accepted the offer of F. H. Faulding and Co., Ltd., of Adelaide, to provide the following scholarships in experimental pharmacology and experimental therapeutics:

- (1) A junior Faulding Scholarship of the value of \$100 for one year to enable the holder of a pass B.Sc. degree to proceed to the Honours degree of Bachelor of Science in these subjects.
- (2) In the event of there being no allocation of the junior scholarship for one or more years, but not more than three years, the accumulated sums or portion thereof may be made available as a Senior Faulding Scholarship to a suitably qualified graduate in Medicine or an honours graduate in Science for the purpose of supporting one year's research work in experimental pharmacology and/or therapeutics.

Application for either scholarship should be made by 1st November to the Registrar, from whom particulars may be obtained.

Awards.

For previous awards, see Calendars from 1962.

- For 1942 Junior Prize: Condon, Robert Francis, B.Sc.
For 1946 Junior Prize: Neale, Shirley Margaret, B.Sc.
For 1949 Junior Prize: Johnson, Keith Douglas, B.Sc.
For 1961 Senior Scholarship: McNally, John N., B.Sc.

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.

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.****RULES.**

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. (D.1515/63)

Awards.

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

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. (D.1600/61)

Awards.

For previous awards, see Calendars from 1960.

1961 Chau, Kai Kin 1963 Ielasi, Anthony

The Dental Board of South Australia Prizes.**RULES**

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. (D.314/47, D.1598/66)

Awards.**On the Fourth Annual Examination.**

For previous awards, see Calendars from 1953.

1962 Chau, Kai Kin 1965 Roberts, Michael J.
1964 Ielasi, Anthony 1966 Moore, Rodney L.

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. (D.1617/61)

Awards.

For previous awards, see Calendars from 1945.

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

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. (D.1527/63)

Awards.

1963 Chau, Kai Kin 1965 Ielasi, Anthony
1964 Moore, Grahame J. 1966 Wright, David W. R.

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. (D.1540/65)

Awards.

1965 Lund, James P. 1966 Roberts, Michael L.

The Australian Society of Orthodontists (S.A. Branch) Prize.**RULES.**

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.

(D.1601/66)

The Faulding Scholarship in Dentistry.

RULES

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. (D.688/48)

The Dental Board of South Australia Research Scholarship.

RULES

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. (D.564/49)

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.

1962	Boyce, Robert W., B.E.	1965	Davies, Bryan L.	} equal
1963	Caton, Christopher N.		Nicolai, Michael F.	
1964	Dyki, Andrew P.	1966	Wagstaff, Peter	

The Adelaide Chamber of Commerce Prize.

RULES.

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.

1963	Rohrsheim, Geoffrey C.	1965	Bloch, Frederick A.
1964	Round, David K.	1966	Thomson, Murray, D. A.

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.

1963	Teoh, Eng Hong	1965	Bloch, Frederick A.
1964	Chua, Wee Meng	1966	Eckermann, Lee D.

The Economic Society Prizes.

RULES.

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.

1963	Young, Ian C.	1965	Caton, Christopher N.
1964	Struenkmann, Uwe	1966	Bloch, Frederick A.

Prize in Economic Statistics I.

1963	Solomon, Peter L.	1965	Boyce, Robert W.
1964	Round, David K.	1966	Eckermann, Lee D.

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.

1962	Davis, Robert W.	1965	Mules, Trevor J.	} equal
1963	Dahlberg, Dane L.		Riegel-Huth,	
1964	Porter, Michael G.		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 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. 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.

6. 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.

7. The Bursary shall be offered for competition from time to time as the accumulated net income from the fund permits.

8. 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.

1963	Browne, Christopher M.	1965	Hubbard, Jack R.
1964	Fairbairn, David F.	1966	Bloch, Frederick A.

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.

1963	Heywood, Derrick S. (Elements of Accounting)
	Waterman, Ewen L. (Management Accounting)
1964	Pascoe, Graeme L. (Elements of Accounting)
	Mitchell, Geoffrey B. (Management Accounting)

- 1965 Dunstan, Douglas W. (Elements of Accounting)
 Carter, Darryl R. } equal (Management Accounting)
 Hubbard, Jack R. }
- 1966 Lindner, Robert K., B.Ag.Sc. (Elements of Accounting)
 Heywood, Derrick S. (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.

- | | |
|------------------------------|--------------------------|
| 1962 Fairbairn, David F. | 1964 Dall, Dennis J. |
| 1963 Smith, Adrian M., B.Ec. | 1966 Bloch, Frederick A. |

The Royal Institute of Public Administration Medal and Prize

RULES.

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	No award
		1966	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.	1963	Jensen, Peter Rolf, B.Arch.
		1965	Grove, Richard J., 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. D. 75/58.

Awards.

1963	Atkinson, Janet M.	1966	Panczak, Kurt C. }	} equal
1964	Robinson, Jannette E. M.		Woodhead,	
1965	Wong Yit-Sing, Francis		William R. }	

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).

D. 2751/60.

Awards.

For previous awards, see Calendars from 1961.

- 1965 Dottore, Carlo } equal. (Architectural Design and
Tsatsaronis, Nicholas } Planning I)
Dungey, Peter J. (Architectural Design and Planning II)
Lentakis, John (Architectural Design and Planning III)
Tsatsaronis, Nicholas (Building Construction I and Building
Science I)
Corbet, Mark E. (Building Construction II and Building
Science II)
Lentakis, John (Building Construction III and Building Science
III)
- 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
Tsatsaronis, Nicholas } and Building Science II)
Dungey, Peter J. (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. D.2661/61.

Awards.

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

The Clive E. Boyce Fellowship.

RULES.

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.

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.

1963	Phillips, Julie C.	1965	Pfitzner, Maxwell C.
1964	Heaver, Merron C.	1966	Kidnie, Marilyn E.

PRIZES AND SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

The John Storey Prizes.

RULES.

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.

1964	Business Management: Prosser, Victor A. Trimmer, Ray B.	} equal
	Economic Statistics II: Mules, Trevor J.	
	Engineering Management: Welford, John P.	
1965	Business Management: No award Economic Statistics II: Hillier, Grant H. Engineering Management: No award	
1966	Business Management: Boros, Peter G., B.E. Newman, Robert L., B.Com. (Melb.)	} equal
	Economic Statistics II: Lindner, Robert K. B.Ag.Sc.	
	Engineering Management: No award	

The I.C.I.A.N.Z. Research Fellowship.

RULES.

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.

1961	Deacon, Glen B., B.Sc.	1965	Vladcoff, Adrian N., B.E.
1962	Matthews, Brian W., B.Sc.	1966	Vladcoff, Adrian N., B.E.
1964	Arthur, Neville L., B.Sc.	1967	Vladcoff, Adrian N., B.E.

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 £A1,065 (\$2,130)

Tenable in the University of
London - - - - £A1,015 (\$2,030)

Tenable in any other University
in the United Kingdom - £A965 (\$1,930)

In Category B: Tenable at Oxford or Cambridge £A875 (\$1,750)

Tenable in the University of
London - - - - £A825 (\$1,650)

Tenable in any other University
in the United Kingdom - £A775 (\$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 1965:	Parsons, Peter G., B.Sc. (A)
Bright, Ann, B.A. (B)	Rodger, Michael S., B.A. (B)
Worden, Margaret A., B.A. (B)	Saddler, Hugh D. W., B.Sc. (B)
Harries, Robert I., B.Sc. (B)	For 1967:
Pemberton, Russell E., B.Sc. (B)	Ligertwood, Andrew L. C., LL.B.
Rogers, Lesley G., B.Sc. (B)	Daw, Rowena C., LL.B.
Weigold, Josephine A., B.Sc. (A)	Forrest, Anna M. H., B.A.
For 1966:	Sinclair, Donald K., B.Sc.
Cann, Melvyn R., B.A. (B)	French, Robert J., B.Sc.
Harrop, Clifford J. F., B.Sc. (B)	Slade, Phillip G., B.Sc.
Neumann, Walter D., B.A. (B)	

The George Murray Overseas Travel Grants.

RULES.

1. The Council may award each year a number of Overseas Travel Grants for the purpose of facilitating overseas postgraduate study or research by graduates of the University of Adelaide. The number of such grants that may be made in any year shall be determined in the light of the money available from the income of the George Murray Bequest after provision has been made for the George Murray Scholarships tenable during part or the whole of that year; but a grant shall not be made unless the applicant be deemed of sufficient merit and in need of assistance towards travel.

2. An applicant for a Travel Grant must have received a postgraduate award for further study or research in a university or other institution outside the Commonwealth of Australia; and the proposed course of study or research and the university or other institution in which it is to be undertaken shall, for the purpose of these grants, be subject to approval by the Council.

3. The value of a grant shall be determined in each case by the Council on the advice of the Scholarships Committee, which shall take into consideration the financial and other circumstances of the applicant; but until otherwise determined by the Council the total value of a grant shall not exceed \$800.

4. Applications for grants shall be made to the Registrar not later than May 31 in any year. An application shall include particulars of (i) the postgraduate award held and its value, (ii) the course of study or research proposed, (iii) the financial circumstances of the applicant, and (iv) any other awards or travel grants held or applied for.

5. (a) Ordinarily a grant shall be divided into two equal parts.

(b) The first part shall be for travel from Australia to another country overseas, and payment shall be made prior to the recipient's departure from Australia.

(c) Payment of the second part, for the return journey to Australia, shall be subject to the following conditions:

(i) Application for payment shall be made to the Registrar not later than February 28 of the calendar year in which payment is desired.

- (ii) The applicant shall have completed the tenure of his scholarship and have spent not more than four academic years abroad.
- (iii) The applicant shall not have received any other award or appointment which provides for his passage to Australia.

The Chapman Memorial Scholarship.

RULES.

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 Ronald

* About \$2,800.

William Donnithorne Awards.

RULES

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.

D. 1088/52.

Shell Postgraduate Scholarships.

1. Applied Science.

The Shell Company of Australia Limited, on behalf of the Shell Group of Companies in Australia, offers one scholarship tenable in the United Kingdom for postgraduate work in the applied sciences. The scholarship is designed to enable the holder, being a graduate, to undertake two years' postgraduate work at the University of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of the studies which the scholar intends to follow.

The scholarship is valued at £1,000 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.

- | | | |
|------|----------------------------|------------------------------|
| 1963 | Arthur, Neville L., B.Sc. | |
| | Chandler, Graham S., B.Sc. | |
| | Corbett, John V., B.Sc. | |
| 1964 | Elix, John A., B.Sc. | |
| | Swann, John C., B.Sc. | |
| 1965 | Elix, John A., B.Sc. | } awarded for
second year |
| | Swann, John C., B.Sc. | |
| 1966 | Chandler, Bruce S., B.Sc. | |
| | Redmond, John W., B.Sc. | |
| 1967 | Chandler, Bruce S., B.Sc. | } awarded for
second year |
| | Redmond, John W., B.Sc. | |

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.
D. 350/51.

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 Commercial Travellers' Association of South Australia (Incorporated) paid to the University the sum of \$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 academic 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 academic 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.

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 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 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 1967 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 Mus. Bac. course.

For conditions, see Statute, Chapter XXII.

D.1517/60.

Awards.

For previous awards, see Calendars from 1911.

1962	Lewis, Brenton R.	1965	Wright, Peter J.
1963	Martin, Lynette R.	1966	Mills, Alice C.

Commonwealth University Scholarship Scheme.

The Commonwealth University Scholarship Scheme is administered on behalf of the Commonwealth, by the State Education Department. Commonwealth University Scholarships may be used for full time or part time study.

In South Australia, the bulk of Commonwealth University Scholarships are awarded on the results obtained in the applicant's best six Matriculation subjects taken at one time. These Scholarships are known as Open Entrance University Scholarships. In general, applicants must reside in Australia with their parents and must be under 25 years of age on the 1st January of the year in which they intend to commence their course. In considering an application, regard will be had to previous studies undertaken by the applicants.

A successful applicant for an Open Entrance University Scholarship may request the deferment of a Scholarship for 12 months or under certain circumstances for two years. However, it MUST be understood that a candidate who gains enough marks to be offered an Open Entrance University Scholarship and who is NOT MATRICULATED can NOT defer the Scholarship in order to MATRICULATE.

In addition to the Open Entrance University Scholarships awarded on the Matriculation Examination there are a number of Scholarships awarded on results obtained in approved courses. These are called Commonwealth Later Year University Scholarships and approximately 140 are awarded annually.

There are also a few Mature Age Commonwealth Scholarships available to students between the ages of 25 and 30. Such students

must, in general, have lived in Australia for two years and must fulfil certain other conditions. A Commonwealth University Scholarship can be used for any approved single or combined course in Australia for which the applicant is qualified. In South Australia the approved courses are:—

THE UNIVERSITY OF ADELAIDE—All First Degree Courses including the Bachelor of Technology courses.

Most University Diploma Courses.

Some combined courses e.g. Medicine/Medical Science, B.E. (Elect.)/B.Sc.

N.B. A Scholarship can be continued for or awarded to a candidate taking an Honours Degree.

Commonwealth University Scholarships involve certain obligations during training, but there is no obligation to serve the Commonwealth on completion of the course.

The benefits of a Commonwealth Scholarship are the payment of most compulsory fees. In addition, and subject to a Means Test, a Commonwealth Scholar who is a full time student may qualify for a living allowance. In 1967, the maximum allowance for a scholar living away from home will be \$793 and \$520 for a student living at home. The maximum living allowance will be paid where the "adjusted family income" amounts to \$2,000 or less. Where the adjusted family income exceeds \$2,000 the amount of living allowance payable will be proportionately less than the maximum.

The Scholarships Section of the South Australian Education Department is the administering authority for the Commonwealth University Scholarships Scheme. The Section is located on the second floor of Elizabeth House (opposite the University), North Terrace, Adelaide and further information can be obtained there.

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 1966.

Barker, John W., B.Mus.	McLean, George D., B.Ag.Sc.
Collings, Leslie R., B.A.	Mayfield, Robert J., B.Sc.
Colman, Peter M., B.Sc.	Moxham, Kenneth E.
Cooper, Richard E. M., B.Sc.	Nancarrow, Colin D., B.Ag.Sc.
Cooper, Robert K., B.Sc.	Nelson, Christopher E., B.Sc.
Cramond, David N., B.Sc.	Nielsen, Jan, B.Sc.
Dryburgh, Lawrence G., B.Sc.	Panter, Roderick A., B.Sc.
Farmer, Anthony J. D., B.Sc.	Randles, John W., M.Sc.
Fleming, Peter D., B.Sc.	Rossiter, Dean E., B.Sc.
Goode, Alan D. T., B.Sc.	Schubert, Mark T., B.Sc.
Gordon, Elizabeth M., B.Sc.	Shaw, Daniel J., B.A.
Greenfield, Richard J., B.Sc.	Smeaton, Timothy C., B.Ag.Sc.
Grigson, Christopher J., B.Sc.	Stoll, Brigitte B., B.A.
Harris, Kenneth R., B.Sc.	Stevens, Ross L.
Hope, Rory M., B.Sc.	Sydenham, Peter H., B.E.
Hebart, Ernst, B.A.	Szczygielski, Wladyslawa W., B.A.
Holding, Leigh J., B.Sc.	Thredgold, Harold M., B.Sc.
Krips, Henry P., B.Sc.	Worden, John M., B.Sc.
Lees, Maxwell L.	West, Keith R., B.Sc.

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.)

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.

1964	Brown, Gary L.	1966	Gibson, Edmund R. B.
1965	Disney, Shaun Anthony	1967	Doyle, John J.
	Requa, B.A.		

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 Registrar's Office

The William Culross Prize for Scientific Research.

RULES.

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.

- 1963 Pullman, Brian J., M.Sc.
- 1964 Edwards, David G., B.Ag.Sc.
Murray, Andrew W., B.Ag.Sc.
- 1965 Sved, John A., B.Sc.
- 1966 Cunningham, A. A.

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 Registrar's office.

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 Dr. 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 Mus.Bac) 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 asatisfactory 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) |

The Eva Lines Memorial Prize.**RULES.**

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.

1961	Schutz, Avis	1964	Lockett, David R.
1962	Noonan, Diana	1965	McSkimming, David G.
1963	Miller, Necia A.	1966	Lewis, Susan M.

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 of two dollars ten cents. Subscriptions 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 Gazette four times a year to keep its members informed on 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 endeavors 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.

Lunch, morning and afternoon tea, and dinner can be obtained in the Refectory up to 6.45 p.m. by members of the Union. Coffee and light refreshments are served up to 10 p.m. either in the Coffee Lounge on the first floor or downstairs in the Wills Refectory.

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 has found it difficult to keep pace with growth in student numbers in the last ten years and has set up a Planning and Development Committee which is actively concerned with the physical re-development of the Union.

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 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 75,000. The National Union represents students in discussions with Commonwealth Government authorities, the Australian Universities Commission and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Drama Festival, Intersarsity Debates and a National Art Exhibition. 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 and women's basketball.

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, and the Registrar or some permanent official of the University appointed by the Council. 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 periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith, as well as social functions and regular morning devotions.

The Australian Student Christian Movement holds an Annual National Summer Conference, which is attended by students from all the Australian Universities and Teachers' Colleges.

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 Aquinas Society.

The aims of the Society are twofold:

- (1) to care for the spiritual and social needs of Catholic graduates and undergraduates;
- (2) to present the Catholic viewpoint within the University on moral, philosophical and social problems.

Mass is offered each Monday, Wednesday and Friday evening in the Chapel at 5.15 p.m. and on Tuesday and Thursday at 12.25 p.m. A Marian Sodality meets regularly under the direction of the Society's Chaplain. An Inaugural Mass is celebrated during orientation week, a retreat is conducted towards the end of the second term, and during the year the members assemble for the Annual Communion and on University Sunday and Monastery Sunday for religious exercises.

In addition, the Society provides for other occasions when Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Victor Harbor to which Freshers are especially invited, the Freshers' Welcome, annual ball, informal dances and hikes.

To further the second aim of the Society, discussion groups of undergraduates come together each week to learn the teachings of their Faith and its meaning in relation to themselves, their fellow students and the community in which they live. Furthermore, the Society sponsors prominent speakers to address the University at lunch-hour meetings on religious and social problems. General meetings of the Society are held occasionally through the year. There are separate committees for graduates and undergraduates.

All Catholic undergraduates entering upon courses and those already attending the University are invited to take an active part in all these functions.

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.

The Regiment is an Infantry Unit of the Australian Military Forces, and is allied with the Royal Ulster Rifles of the British Army.

The training programme is the same as that of other Citizen Military Forces infantry units, but is so arranged that there is a minimum of interference with University studies and activities.

All undergraduates, non-graduating students and students of the South Australian Institute of Technology and of the Adelaide Teachers' College are eligible to enlist in the Regiment.

Training during the year consists of seven days' home training (two week-end bivouacs, two one-day parades and two night parades) plus fourteen days of camp training which is held every January. In addition, voluntary training is held most Wednesday nights, and during vacations many courses are conducted. Members of the Regiment are also able to attend interstate Army Schools in Victoria, New South Wales and Queensland.

The Commanding Officer is Lieutenant-Colonel P. O. G. Forbes, M.C., and the Adjutant Captain R. J. Rayward.

Adelaide University Squadron.

The Adelaide 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, Adelaide University Squadron, R.A.A.F., Citizen Air Force Centre, 155 Barton Terrace, North Adelaide, S.A. 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 and January, at the University.

President: Mr. R. Edwards, South Australian Museum.

Hon. Secretary: Mr. R. D. J. Weathersbee, South Australian Museum.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert, M.C., M.A.

Hon. Secretary: Mr. J. H. Church, M.A., The Adelaide Teachers' College.

The objects of the Association are:—

- (a) to impress upon public opinion the claim of Classical studies to an eminent place in the national scheme of education;
- (b) to improve the practice of Classical teaching by free discussion of its scope and methods;
- (c) to encourage investigation and to call attention to new discoveries;
- (d) to create opportunities for friendly intercourse and co-operation among all lovers of Classical learning in this country.

All graduates of any recognised University, and all who are interested in Classical studies, are eligible for membership.

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. G. W. Turner, 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 April.

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. Moffat, 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 407.)

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 are many, the primary ones being:

- (a) Approximately six general meetings per year;
- (b) An information bureau 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 1967 can be obtained from the President, Mrs. Betty Whelan (6.9085), or the Secretary, Mrs. Joy Keats (9.1082).

CALENDAR
OF
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FOR THE YEAR 1967

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ANNUAL REPORT FOR THE YEAR 1966

To His Excellency Sir Edric Montague Bastyan, K.C.M.G., K.C.V.O., K.B.E., C.B., 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 1966:

1. INTRODUCTION

The year 1966 was a notable one in the history of the University of Adelaide. The academically autonomous institution at Bedford Park which the University had conceived and developed over five years to the point of its beginning its teaching and research on its own campus became an independent university. Ninety members of the academic staff of the University of Adelaide attracted 15 per cent of the grants for research awarded by the Australian Research Grants Committee, grants made on an Australia-wide basis on the merit of the research project and the principal researcher. Ten members of its sub-professional staff received professorial appointments in other Australian universities, and three were appointed to associate professorships. Total enrolments and the numbers of students who qualified for degrees of Bachelor, Master and Doctor were the greatest in the history of the University. (The graduation statistics will appear in the annual report for 1967, because the degrees are conferred in the first term of the year following that in which nearly all the graduates qualify.) These were some of the fruits of the growth of the University that had taken place following adoption by the Commonwealth and State Governments towards the end of 1957 of the report of the Murray Committee.

But the year 1966 saw also a less happy event. For the first time the Commonwealth and State Governments were unable to adopt the recommendations of the Australian Universities Commission for capital and recurrent expenditure of the University for the ensuing triennium. The capital grants recommended by the Commission were reduced by \$4,452,000 and the revenue grants by \$2,078,000. The immediate consequence was that the University, in the light of the staff and accommodation that would be available to it, had to set quotas for the admission of students to the various courses in 1967. The numbers of students admitted to the medical and physiotherapy courses had already been limited for several years, and it had always been envisaged that with the beginning of teaching in Arts and Science at Bedford Park the numbers to be admitted to those courses at North Terrace would be limited; indeed the inability of the University of Adelaide to accommodate at North Terrace all the qualified students that would seek to enrol in those faculties was the *raison d'être* of Bedford Park. But the situation which faced the University towards the end of the year necessitated the limiting of admissions to all other courses as well. Quotas for all courses will be necessary in future years; their size, and the degree of their stringency, will reflect the resources available to the University.

2. THE COUNCIL AND THE SENATE

The Honourable Sir George Ligertwood retired from the office of Chancellor in October, and Sir Henry Basten sought and obtained the Council's permission to retire from the Vice-Chancellorship early in March, 1967. Sir Kenneth Wills, Deputy Chancellor since 1961, was elected Chancellor in succession to Sir George, and Emeritus Professor G. M. Badger Vice-Chancellor to succeed Sir Henry. The Chancellor, in his Commemoration Address on April 26, 1967, which is published with this report, paid tribute to the service given by Sir George and Sir Henry not only to the University of Adelaide, but also in the wider field of University education in South Australia.

Dr. J. Melville, Director of the Waite Institute and a member of the Council, was elected a Fellow of the Australian Institute of Agricultural Science.

On his appointment as a member of the Council of The Flinders University of South Australia, Mr. H. R. Hudson resigned from the Council, and Parliament appointed Mr. D. H. McKee to fill the vacancy.

In November the Senate elected as members of the Council Professor E. S. Barnes, Rev. Dr. W. F. Hambly, Mr. A. H. Lendon and Dr. J. Melville who retired by effluxion of time, and Mr. B. R. Macklin to fill the fifth vacancy which had arisen through the retirement of the Hon. Sir George Ligertwood.

The Senate also re-elected Dr. R. G. Willoughby as its Warden and Mr. H. E. Wesley Smith as its Clerk. Four vacancies on the Standing Committee of the Senate were filled by the re-election of Miss L. M. Angel and Dr. A. W. Wall and the election of Dr. J. R. Casley-Smith and Dr. B. G. Radden.

3. DEATHS

The Council records with regret that two former members of the staff who had given long and valued service to the University died during the year. They were Dr. R. S. Burdon who retired at the end of 1959 after 38 years as a member of the Physics Department, and Dr. S. W. Pennycook who retired at the end of 1952 after 31 years in the Chemistry Department. Both are remembered with affection by many generations of students who passed under their tutelage.

4. PROFESSORS

Professor A. R. Alderman, who succeeded the late Sir Douglas Mawson in the Chair of Geology in 1953, retired in June and was succeeded in the chair by Dr. R. W. R. Rutland of University College, London. The Council conferred the title *Professor Emeritus* on Professor Alderman who had first been associated with the University as a student in 1920.

Mr. David Galliver, who joined the staff of the School of Music in 1964 as a lecturer in music and teacher of singing, was appointed Elder Professor of Music and Director of the Elder Conservatorium in succession to the late Professor John Bishop; Dr. D. J. Deller, Reader in Medicine, was appointed to the Mortlock Chair of Medicine rendered vacant by the resignation at the end of 1965 of Professor H. N. Robson; and Dr. L. G. Paleg, Reader in Plant Physiology, was selected to fill the Chair of Plant Physiology at the Waite Agricultural Research Insti-

tute which had been vacant since the death of Professor L. H. May in 1965.

Mr. J. L. Woodward of the University of Canterbury, New Zealand, and Professor J. C. Thonard of the University of Pittsburgh, U.S.A., were appointed to Chairs in Electrical Engineering and Dental Science respectively.

Professor R. F. Whelan was elected a Fellow of the Australian Academy of Science.

5. RETIREMENTS

Mr. John Horner, who first joined the staff of the Music School in 1928 and would normally have retired at the end of 1964, but had at the Council's request acted as Director of the Elder Conservatorium from the death of Professor Bishop in 1964 until Professor Galliver's appointment early in 1966, retired in February. Other members of the staff who retired were: Mr. T. A. Farrent, Reader in Civil Engineering, after 28 years' service; Miss Barbara Howard and Mr. Arnold Matters, teachers of singing and opera in the Elder Conservatorium of Music after 23 and 8 years' service respectively.

6. RESIGNATIONS

The following resignations were received during the year: Dr. E. C. Forsyth, Senior Lecturer in French, on his appointment to the Foundation Chair of French in La Trobe University; Dr. Kathleen Woodroffe, Senior Lecturer in History, on her appointment as Associate Professor of History in the University of New South Wales; Mr. D. H. Norrie, Senior Lecturer in Mechanical Engineering, on his appointment as Professor of Mechanical Engineering in the University of Alberta; Dr. S. Kaneff, Reader in Electrical Engineering, on his appointment to a Professorial Fellowship in the Institute of Advanced Studies at the Australian National University; Dr. M. G. Pitman, Senior Lecturer in Botany, on his appointment to a Chair of Biology (Plant Physiology) in the University of Sydney; Dr. P. G. Dellow, Lecturer in Oral Biology at the Dental School, on his appointment as Associate Professor of Physiology in the University of Western Ontario; Dr. A. D. Barton, Reader in Commerce, on his appointment to the Chair of Accounting and Business Studies in Macquarie University; Dr. A. J. Day, Reader in Human Physiology on his appointment to a Chair of Physiology in the University of Melbourne; Dr. T. N. Bell, Senior Lecturer in Physical and Inorganic Chemistry, on his appointment as Associate Professor of Chemistry in Simon Fraser University, British Columbia; Dr. D. B. Sears, Reader in Mathematics, on his appointment as a Professor in The Flinders University of South Australia; Dr. R. C. Bennett, Senior Lecturer in Surgery, on his appointment to a Chair in the University of Melbourne; Dr. A. W. Martin, Reader in History, on his appointment to the Chair in La Trobe University; Professor J. R. M. Radok, Department of Mathematics, on his appointment to a Chair in The Flinders University of South Australia; Dr. M. N. Brearley, Senior Lecturer in Mathematics, on appointment as Professor of Mathematics in the Royal Australian Air Force College; Mr. M. J. Artis, Lecturer in Economics; Mr. R. P. Hale, Lecturer in Mathematics; Mr. A. M. Gibbs, Lecturer in English; Mr. K. G. Jones, Lecturer in Commerce; Dr. I. Getzler, Senior Lecturer in History; Mr. A. J. Ward, Lecturer in Politics; Dr. A. W. J. Lykke, Senior Lecturer in Pathology; Dr. R. F. M. van Steveninck, Senior Research Fellow in Botany; Mr.

W. J. H. Greenwood, Lecturer in Architecture; Dr. P. R. Hodge, Reader in Pathology; Mr. M. S. Henderson, Lecturer in Commerce; Dr. J. L. Munro, Senior Lecturer in Commerce; Dr. N. G. Marinos, Senior Lecturer in Plant Physiology; Dr. T. O. Penman, Senior Lecturer in Chemical Engineering; Mr. R. H. Wallace, Senior Lecturer in Economics; Mr. F. S. Hambly, Senior Administrative Assistant, on his appointment as Secretary of the Australian Vice-Chancellors' Committee.

7. APPOINTMENTS

Director of Adult Education: Mr. J. W. Warburton.

Reader: Dr. I. J. Forbes, Medicine.

Senior Lecturers: Dr. J. B. Egan, Biochemistry; Mr. R. L. Newman, Commerce; Mr. J. G. Waterson, Oral Biology in the Dental School; Mr. N. F. Laing, Economics; Mr. H. M. Williams, English; Dr. O. P. G. Kirchhoff, German; Dr. R. B. Walker, History; Miss Mary W. Daunton-Fear, Law; Dr. R. Vyborny, Mathematics; Mr. W. B. Taylor, Mathematical Statistics; Dr. D. Aspinall, Plant Physiology; Mr. Donald Munro, Teacher of Singing in the Elder Conservatorium of Music.

Lecturers: Dr. J. R. Sabine, Animal Physiology; Miss E. M. Wollaston, Botany; Mr. M. J. Messenger, Chemical Engineering; Mr. J. H. Hatch, Miss F. M. McNamara and Mr. B. J. Mills, Commerce; Mr. W. E. Joyce, Dental Science; Mr. P. D. Praetz, Economics; Mr. K. M. O'Neill, French; Dr. G. Fay Gale, Geography; Dr. P. L. Burns, Mr. W. Prest, and Mr. G. P. G. Sinzheimer, History; Mr. M. C. Harris, Law; Mr. L. Low, Dr. J. Mazumdar, Dr. F. J. M. Salzborn and Dr. P. R. Scott, Mathematics; Mr. J. C. Govenlock, Music; Dr. L. N. Mander, Organic Chemistry; Mr. M. R. Snow, Physical and Inorganic Chemistry; Mr. E. E. Rump and Mr. D. Vickers, Psychology; Mr. T. C. R. White, Zoology.

Michell Research Fellow: Dr. R. D. Gordon.

Visiting Composer in the Music School for 1967: Professor Sandor Veress.

Officer-in-Charge, Mortlock Experiment Station: Mr. P. E. Geytenbeek.

8. STUDY LEAVE

The following members of staff were granted Study Leave beginning at some stage of the year. Mr. W. G. Alden, Senior Lecturer in Agronomy; Dr. J. A. Carpenter, Lecturer in Agronomy; Mr. D. H. B. Sparrow, Senior Lecturer in Agronomy; Mr. G. Herbert, Reader in Architecture; Mr. J. D. Hipper, Senior Lecturer in Architecture; Dr. Engineering; Mr. M. Arnold, Senior Lecturer in Civil Engineering; Mr. T. N. Smith, Senior Lecturer in Chemical Engineering; Mr. B. A. P. G. Martin, Senior Lecturer in Botany; Mr. G. Sved, Reader in Civil Hills, Senior Lecturer in Chemical Engineering; Mr. E. R. Corney, Senior Lecturer in Classics; Mr. D. W. Simmons, Administrative Officer in the Computing Centre; Mr. B. N. Fitzpatrick, Senior Lecturer in Dentistry; Mr. E. S. Richards, Lecturer in Economics; Dr. E. Roe, Senior Lecturer in Education; Mr. D. M. Toomey, Lecturer in Education; Mr. B. H. Smith, Lecturer in Electrical Engineering; Mr. F. H. Mares, Senior Lecturer in English; Mr. M. Bryn Davies, Reader in English; Professor J. A. Colmer, Professor of English; Dr. R. V. Johnson, Senior Lecturer in English; Dr. F. D. Morgan, Senior Lec-

turer in Entomology; Professor J. H. Bennett, Professor of Genetics; Mr. T. L. C. Griffin, Lecturer in Geography; Professor G. H. Lawton, Professor of Geography; Mr. B. Daily, Senior Lecturer in Geology; Professor H. Stretton, Professor of History; Mr. J. M. R. Young, Lecturer in History; Dr. E. Jane Pitman, Senior Lecturer in Mathematics; Mr. A. G. Thompson, Senior Lecturer in Mechanical Engineering; Dr. P. Reeves, Lecturer in Microbiology; Dr. G. E. Gream, Lecturer in Organic Chemistry; Dr. T. M. Spotswood, Senior Lecturer in Organic Chemistry; Mr. B. L. Reynolds, Senior Lecturer in Pharmacy; Mr. M. C. Bradley, Lecturer in Philosophy; Professor D. O. Jordan, Professor of Physical and Inorganic Chemistry; Dr. G. S. Laurence, Lecturer in Physical and Inorganic Chemistry; Mr. M. L. Martin, Senior Lecturer in Physical and Inorganic Chemistry; Dr. C. J. E. Kempster, Lecturer in Physics; Dr. R. Lawrance, Senior Lecturer in Physics; Dr. D. J. Sutton, Senior Lecturer in Physics; Mr. A. J. Ward, Lecturer in Politics; Dr. P. H. Glow, Senior Lecturer in Psychology; Mr. J. R. Harris, Senior Lecturer in Surgery.

9. RESEARCH

Owing to the financial situation that faced it in 1967 the Research Executive Committee was unable to renew many of the postdoctoral fellowships held under the research grant, with the result that the number of these fellowships fell from 13 at the beginning of the year to two at its conclusion. The Committee was able to meet only 35 per cent of the requests submitted to it for equipment, maintenance and ancillary staff, but it did not reduce the provision for scholarships for students proceeding to higher degrees who had not succeeded in obtaining other scholarships or awards to support them.

The first awards of the Australian Research Grants Committee, announced in 1965, were current during 1966. As reported previously, 73 members of the staff (including 8 at Bedford Park) received grants totalling \$617,183. Ninety members of the staff of the University of Adelaide were awarded grants totalling \$508,000 for 1967.

10. GIFTS

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

\$U.S.25,000 from the American Council of Learned Societies for the development of the Barr Smith Library's resources in the fields of American history, literature and government;

\$20,000 from Mrs. C. M. Macgregor to supplement the Elder Overseas Scholarship tenable at Royal College of Music, London;

A portrait of Louis Pasteur by the French engraver, Fernand Desmoulin, from Sir Henry Newland for the Medical Library;

Bequests of \$16,500 and \$13,000 respectively from M. I. Hatwell and F. G. McLaughlin for the purposes of the Anti-Cancer Foundation.

The University made a gift: the pair of gates and the fencing from the site in front of the Napier Building to the National Trust of South Australia for erection at the entrance to Austral House, North Terrace.

11. KATHLEEN LUMLEY COLLEGE

A source of particular satisfaction to the University was the gift of \$60,000 by Mrs. Kathleen Lumley as a contribution towards the establishment of a college to be affiliated with the University of Adelaide

for postgraduate students. The University agreed to affiliate the college and made available a site in Mackinnon Parade and Finmiss Street, North Adelaide; the Commonwealth and State Governments agreed to supplement Mrs. Lumley's gift by \$120,000 and \$60,000 respectively; and an interim council was formed to undertake the incorporation, planning, construction and management of the college. Great progress has been made and it is expected that the college will open in a small way late in 1967 and that the first stage, accommodating some 20 students, will be built before the end of 1968.

12. STATUTES AND REGULATIONS

Chapters XVIIb, Of the Eric Smith Scholarship; XVIc, Of The Archibald Mackie Bursary; XXXIV, Of The John Bagot Scholarship and Medal for Botany; XXXIXB, Of the John L. Young Scholarship for Research; XLIII, Of The Ernest Ayers Scholarship in Botany or Forestry; LIII, Of The Rennie Scholarship for Research in Chemistry; and LXV, Of The James Barrans Scholarship were repealed and replaced by Rules made by the Council.

Amendments were made to Chapter VIII, Of Terms; Chapter XIII, Of the Angas Engineering Scholarship and the Angas Engineering Exhibitions; Chapter XXII, Of the Hartley Studentship; Chapter L, Of The Thornber Bursary; and Chapter LXIV, Of the Shorney Medal and The Shorney Prize.

Regulations governing the degrees of Master of Economics, Master of Laws, Master of Dental Surgery, Master of Education and the Diploma in Physiotherapy were repealed and replaced by new Regulations.

Amendments were made to the Regulations governing the Public Examinations (Music) Scholarships and Prizes and the following degrees: Bachelor of Laws and the Final Certificate in Law, Bachelor of Medical Science, Bachelor of Technology, Bachelor of Applied Science, Master of Arts, Master of Education, Master of Business Management, and Master of Town Planning.

13. STATISTICS

Numbers of Students: The total number of students was 9,381, the greatest enrolment in the history of the University and an increase of 271 on that for the previous year. Of the increase, 138 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 43. The number of Ph.D. candidates increased by 17.

The tendency towards a greater proportion of full-time enrolments was continued in 1966 when these enrolments represented 60.3 per cent. of the total, or, excluding the Elder Conservatorium of Music, 63.3 per cent. The composition of the student body is shown in the following table:

	Males	Females	Total	%
Full-time	4,251	1,408	5,659	60.3
Part-time	2,138	762	2,900	30.9
External	316	72	388	4.2
Elder Conservatorium	177	257	434	4.6
Total Students	6,882	2,499	9,381	100

Distribution into Courses:

Each student is counted once only—in the category appropriate to his principal course. The figures in brackets refer to the numbers of females included in the totals.

A. Higher Degree Candidates:

	Higher Doctor			Ph.D.			Master			Total			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Arts	—	—	—	5(2)	12(2)	—	14(2)	6(2)	41(8)	19 (4)	18(4)	41(8)	78(16)
Education	—	—	—	—	1	—	—	24(5)	10(4)	—	25(5)	10(4)	35 (9)
Economics	—	—	—	1	1	—	1	8	6	2	9	6	17
Business Management	—	—	—	—	—	—	—	14	5	—	14	5	19
Science	—	—	1	155(11)	32(2)	—	19(3)	23(5)	36(3)	174(14)	55(7)	37(3)	266(24)
Agricultural Science	—	—	—	36 (3)	6	—	12(2)	1	19(1)	48 (5)	7	19(1)	74 (6)
Engineering	—	—	—	18	12	—	17	3	14	35	15	14	64
Law	—	—	1	—	2	—	—	4	7	—	6	8	14
Medicine	6(1)	8	20(1)	3 (1)	1	—	1	—	—	10 (2)	9	20(1)	39 (3)
Dentistry	—	1	—	1	1	—	2	3	5	3	5	5	13
Music	—	—	—	2	—	—	—	—	—	2	—	—	—
Applied Science	—	—	—	—	—	—	1	3	—	1	3	—	4
Architecture	—	—	—	—	2	—	—	1	—	—	3	—	3
Town Planning	—	—	—	—	—	—	—	14(1)	7(2)	—	14(1)	7(2)	21 (3)
Total	6(1)	9	22(1)	221(17)	70(4)	—	67(7)	104(13)	150(18)	294(25)	183(17)	172(19)	649(61)

B. Candidates for Bachelor Degrees:

	Honours (a)			Ordinary			Total			
	F/T	P/T	Ext.	F/T.	P/T.	Ext.	F/T.	P/T.	Ext.	Total
Arts	54(32)	7(2)	—	1001 (554)	964(401)	147(30)	1055(586)	971(403)	147 (30)	2173 (1019)
Economics	5	—	—	192 (16)	308 (5)	4	197 (16)	308 (5)	4	509 (21)
Science	94(14)	—	—	1077 (194)	272 (61)	1	1171(208)	272 (61)	1	1444 (269)
Agricultural Science	5	—	—	122 (6)	19 (4)	—	127 (6)	19 (4)	—	146 (10)
Engineering	35	—	—	458 (1)	42	—	493 (1)	42	—	535 (1)
Law	8 (2)	1	—	305 (52)	54 (6)	1	313 (54)	55 (6)	1	369 (60)
Medicine	—	—	—	592 (89)	—	—	592 (89)	—	—	592 (89)
Medical Science	1	—	—	—	—	—	1	—	—	1
Dentistry	4	—	—	212 (28)	1	—	216 (28)	1	—	217 (28)
Music	4 (2)	—	—	39 (28)	11 (7)	—	43 (30)	11 (7)	—	54 (37)
Technology	—	—	—	258 (2)	413	1	258 (2)	413	1	672 (2)
Applied Science	3	—	—	58 (6)	50 (2)	—	61 (6)	50 (2)	—	111 (8)
Architecture	7 (2)	—	—	158 (10)	31 (4)	—	165 (12)	31 (4)	—	196 (16)
Pharmacy	—	—	—	112 (33)	16 (3)	—	112 (33)	16 (3)	—	128 (36)
Total	220 (52)	8(2)	—	4,584 (1019)	2,181(493)	154 (30)	4,804(1071)	2,189 (495)	154 (30)	7,147 (1596)

(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 ..	106 (54)	294 (169)	53 (22)	—	1	—	106 (54)	295 (169)	53 (22)	454 (245)
Education (Post-graduate diploma) ..	29 (9)	68 (18)	1	—	—	—	29 (9)	68 (18)	1	98 (27)
Public Administration	1	17	1	—	8 (1)	—	1	25 (1)	1	27 (1)
Computing Science (Post-graduate diploma) ..	4	9 (4)	—	—	—	—	4	9 (4)	—	13 (4)
Law (Final Certificate) ..	10 (2)	13 (1)	—	—	—	—	10 (2)	13 (1)	—	23 (3)
Music	1 (1)	2 (1)	—	3 (2)	—	—	4 (3)	2 (1)	—	6 (4)
Physical Education ..	129 (49)	16 (6)	5 (1)	—	—	—	129 (49)	16 (6)	5 (1)	150 (56)
Social Studies	82 (70)	19 (11)	—	1 (1)	4 (1)	—	83 (71)	23 (12)	—	106 (83)
Physiotherapy	90 (84)	1 (1)	—	—	—	—	90 (84)	1 (1)	—	91 (85)
Pharmacy	79 (21)	3 (2)	—	3	—	—	82 (21)	3 (2)	—	85 (23)
Total	531 (290)	442 (213)	60 (23)	7 (3)	13 (2)	—	538 (293)	455 (215)	60 (23)	1,053 (531)

D. Students taking Miscellaneous subjects:

	Full-time	Part-time	External	Total
Arts	—	48 (22)	2	50 (22)
Economics	—	3	—	3
Science	1	8 (5)	—	9 (5)
Agricultural Science	—	1	—	1
Engineering	—	1	—	1
Music (Elder Conservatorium) .. .	—	434 (257)	—	434 (257)
Social Work (S.A.I.T.)	22 (19)	12 (8)	—	34 (27)
Total	23 (19)	507 (292)	2	532 (311)

Comparison with preceding years: The following figures of total enrolments in the various faculties and courses are provided to show the growth of the University over the last five years:

	1962	1963	1964	1965	1966
Arts	2,021	2,206	2,465	2,618	2,756
Education (Master's Degree) .. .	13	17	24	26	34
Education (Postgraduate diploma)	199	225	330	217	98
Economics	396	423	490	536	529
Public Administration	53	45	43	37	27
Business Management	—	4	10	23	19
Science	1,217	1,371	1,510	1,676	1,719
Computing Science	—	—	—	7	13
Agricultural Science	134	158	162	177	221
Engineering	480	492	501	530	600
Law	237	279	350	389	406
Medicine	618	637	661	675	631
Medical Science	8	2	5	5	1
Dentistry	109	123	178	202	230
Music (Degree and Diploma) .. .	58	54	57	57	62
Music (Elder Conservatorium) .. .	440	415	431	452	434
Technology	563	578	594	585	672
Applied Science	49	67	75	87	115
Architecture	111	128	152	187	199
Town Planning	10	10	9	26	21
Physical Education	98	133	138	131	150
Social Studies	119	118	135	175	106
Physiotherapy	77	85	81	81	91
Pharmacy	215	210	204	202	213
Optometry	8	7	—	—	—
Home Science (S.A.I.T.)	31	44	29	9	—
Social Work (S.A.I.T.)	—	—	—	—	34
Total	7,264	7,831	8,634	9,110	9,381

Overseas Students: There were 419 overseas students (including 66 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Engineering 81, Science 67, Economics 47, Medicine 43, Arts 27, Architecture 21, Technology 18, Dentistry 15, Law 10, Agricultural Science 7, Pharmacy 5, Applied Science 4, Music and Social Studies each 2, Physiotherapy 1. Of the other 69 students 45 were proceeding to the degree of Ph.D., M.Ag.Sc. (8), M.Sc (5), M.E. (3), M.A. (2), M.D.S., M.Ed., LL.M., M.Arch., M.T.P. and M.Ec.

Two hundred and six of these students came from Malaysia, 68 from Singapore, 41 from Hong Kong, 15 from the U.K., 10 from Indonesia, 8 from New Zealand, India, Pakistan and Vietnam, 7 from Thailand, 6 from Fiji, 4 each from Canada and New Guinea, 3 each from the U.S.A. and Ghana, 2 each from Tanzania, South Africa, Cambodia, Nepal and Brunei, and 1 each from Jamaica, the Gilbert Islands, Kenya, Norway, the Philippines, the Solomon Islands, France, Ceylon, Switzerland and Chile. Ninety of them (including 53 from Malaysia, 12 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):

	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Commonwealth Scholarship ..	1,078	27	—	339	15	1	1,460
Commonwealth Scholarship and Leaving Bursary	78	—	—	21	—	—	99
Commonwealth Scholarship and Leaving Honours Bursary ..	23	—	—	2	—	—	25
Commonwealth Scholarship and others	62	4	—	6	—	—	72
Leaving Bursary	34	1	—	10	—	—	45
Leaving Bursary and Teachers' College	10	—	—	12	—	—	22
Leaving Honours Bursary ..	12	—	—	2	—	—	14
Leaving Honours Bursary and Teachers' College	4	—	—	3	—	—	7
Teachers' College	697	180	—	451	191	—	1,519
Education Department (teachers)	14	471	147	5	218	40	895
Colombo Plan	58	5	—	18	—	—	81
S.A. Government Cadetship or Studentship	171	26	—	23	—	—	220
Commonwealth Government Cadetship or Studentship ..	97	12	—	4	—	—	113
Others	371	193	2	93	62	3	724
Total Assisted Students ..	2,709	919	149	989	486	44	5,296
Total Unassisted Students ..	1,273	1,053	14	394	259	9	3,002
Total Students	3,982	1,972	163	1,383	745	53	8,298

Barr Smith Library: The total number of volumes in the Library, with the three branches, at the end of 1966 was 406,774, including pamphlets individually catalogued. Of the total the Medical Library held 51,536, the Law Library 19,480, and the Music Library 13,171. Accessions for the year were 31,632 volumes, while 983 volumes were withdrawn. Serial titles regularly received numbered 11,393.

Students, graduates and academic staff borrowed 160,252 volumes for home reading, including 17,666 borrowed overnight and at week-ends from the Reserve and Multiple-Copy Collections. The corresponding total of loans in 1965 was 147,660. The number of external

students in the Faculty of Arts who joined the Country Lending Service was 94, and they borrowed 610 volumes by post. The Library lent 9,660 volumes to libraries in South Australia, and borrowed 170 from them. It lent 3,382 volumes to libraries in other States and borrowed 1,114 from them.

Waite Institute Library: The Library added 812 volumes during 1966 to make its total holdings 21,842, including pamphlets individually catalogued. Serial titles regularly received numbered 3,271.

Evening Lectures: Evening lectures were given in the following subjects: Accounting (Business Management), Biology, Chemistry I, Commercial Law A and B, Comparative Philology, Economic Development I, Economics I and III, Education, Elements of Statistics, Engineering Aspects of Planning, English I and III, Environmental Design, French I, General Physics, Geography I, Geology I, German I, History IIB and IIIA, Latin I, Law in Relation to Planning, Management Accounting, Philosophy I, II and IIIA, Physical Basis of Planning, Physics I, Politics I and IIIA, Psychology IA, I, IIB and IIIA, Public Finance and Social Economics.

Department of Adult Education: Classes: The Board of Adult Education conducted 67 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 2,375. In addition, fourteen Extension courses were offered for graduate and specialist audiences with an enrolment of 1,257.

Residential Courses: The W.E.A.'s residential college at Goolwa was again used for short residential courses. The following are the details—Eleven weekend courses with 412 enrolled, one six-day school, enrolment 28, the Annual Summer School of nine days, enrolment 25, a fourteen-day Painting School, enrolment 28.

Seminars and Conferences: Many short schools and conferences were held in Adelaide. A ten-day Music School (the first to be held) attracted 55 students, a fourteen-day Drama School had an enrolment of 31, a seven-day Writers' School, held during the Arts Festival, enrolled 50 students. In addition, eleven one- to three-day seminars were held on such topics as Wildlife Conservation, The Metric System, China, Vietnam, Local Government, Women in Public Life and Town Planning. The total enrolment was 640. The Proceedings of some of these conferences were published.

Special Activities: A seven-day Spring School at Chowilla, studying Geomorphology, Entomology, Botany, Ornithology, Art, Local History of the River Murray and Land Use, had an enrolment of 180. Special courses were also arranged for the 100 children who attended with their parents. A fourteen-day Autumn School in the MacDonnell Ranges studying Art, Geology and Desert Aborigines enrolled the maximum figure of 30. A seventeen-day tour to New Zealand to study race relations there broke new ground. This was the first such tour arranged by a University Adult Education Department. It attracted twenty-four students, all concerned with Aboriginal Welfare in Australia, some professionally employed in this field.

Country Work: Thirty-five one- to three-day schools held in country districts were attended by 1,451 students. Topics included—Farm Management, Local Government, Town Planning, Computers and their Influence on Society, China, Race Relations, a New Approach to Mathematics. Ten Extension lectures were attended by 650 people. Musical recitals were arranged in five centres, in co-operation with the Arts Council, attendance 350. Two tours were arranged in conjunction with the Commonwealth Literary Fund. Miss Mary Durack lectured to schools and adults in the South-East and Mr. R. D. Fitzgerald lectured on Poetry in centres along the Upper Murray. Attendance—schools 3,410; Public 409.

Sixteen discussion courses were taken by groups in city and country with an enrolment of 181.

Student Health Service: The total number of individual services rendered during the year was 9,280; including 2,111 routine medical examinations of students, 1,054 casualties, 400 return visits from casualty service, 1,207 Poliomyelitis injections, 1,226 Tetanus Prophylactic injections and 2,011 Mantox tests. The total does not include chest X-rays arranged by the Service at the City X-ray Unit.

Of the 1,054 casualties, 548 were illnesses, 355 accidents and 153 sports injuries.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 2,301 at the Supplementary Leaving Examination in February, 13,866 at the Intermediate Examination in November; 9,434 at the Leaving Examination in November; 3,319 at the Matriculation Examination. The growth of the number of candidates for the Public Examinations since 1960 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, 1960-1966

	1960	1961	1962	1963	1964	1965	1966
Intermediate	- 9,967	11,577	12,988	13,450	13,860	13,887	13,866
Leaving	- 6,434	7,315	8,765	9,885	10,613	11,188	9,434
Leaving Honours	- 1,450	1,607	1,856	2,384	2,732	2,903	(a)
Matriculation (b)	- —	—	—	—	—	—	3,319

The examinations were held at 81 metropolitan schools and colleges, 6 other metropolitan centres, and in country towns and districts at 93 schools and colleges and 39 other centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,350 entries in theory and 3,786 in practice of music, 138 in musical perception and 50 in speech and drama.

(a) discontinued 1966.

(b) introduced in 1966.

14. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration Ceremony on April 27, 1966:

	Males	Females	Total
LL.M. - - - - -	1	—	1
LL.B. (Honours) - - - - -	1	—	1
LL.B. - - - - -	30	10	40
B.Mus. (Honours) - - - - -	2	1	3
B.Mus. - - - - -	3	2	5
B.Mus. (<i>ad eundem gradum</i>) - - - - -	3	—	3
M.D. - - - - -	7	1	8
M.D. (<i>ad eundem gradum</i>) - - - - -	1	—	1
M.S. - - - - -	3	—	3
M.B., B.S. - - - - -	54	13	67
M.B., B.S. (<i>ad eundem gradum</i>) - - - - -	2	—	2
B.Med.Sc. (Honours) - - - - -	4	1	5
M.Ec. - - - - -	2	—	2
B.Ec. (Honours) - - - - -	7	—	7
B.Ec. - - - - -	40	2	42
B.Ec. (<i>ad eundem gradum</i>) - - - - -	2	—	2
M.E. - - - - -	6	—	6
B.E. (Honours) - - - - -	17	—	17
B.E. - - - - -	37	—	37
M.Ag.Sc. - - - - -	4	—	4
B.Ag.Sc. (Honours) - - - - -	5	—	5
B.Ag.Sc. - - - - -	14	—	14
Ph.D. - - - - -	14	—	14
Ph.D. (<i>ad eundem gradum</i>) - - - - -	1	—	1
Diploma in Computing Science - - - - -	1	—	1
Diploma in Education - - - - -	23	12	35
Diploma in Secondary Education - - - - -	45	24	69
Diploma in Primary Education - - - - -	15	1	16
Diploma in Pre-Primary Education - - - - -	—	2	2
Diploma in Arts and Education - - - - -	97	73	170
Diploma in Music - - - - -	—	4	4
Diploma in Pharmacy - - - - -	27	19	46
Diploma in Physical Education - - - - -	11	6	17
Diploma in Physiotherapy - - - - -	1	15	16
Diploma in Public Administration - - - - -	2	—	2
Diploma in Social Studies - - - - -	4	30	34

At the Annual Commemoration Ceremony on May 4, 1966:

	Males	Females	Total
D.Sc. - - - - -	2	—	2
M.Sc. - - - - -	9	—	9
B.Sc. (Honours) - - - - -	71	8	79
B.Sc. - - - - -	164	41	205
Ph.D. - - - - -	22	4	26
Ph.D. (<i>ad eundem gradum</i>) - - - - -	14	—	14

At the Annual Commemoration Ceremony on May 11, 1966:

	Males	Females	Total
M.A. - - - - -	5	1	6
M.A. (<i>ad eundem gradum</i>) - - - - -	6	1	7
M.Ed. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B.A. (Honours) - - - - -	29	27	56
B.A. - - - - -	114	98	212
B.A. (<i>ad eundem gradum</i>) - - - - -	9	3	12
M.D.S. - - - - -	4	—	4
B.D.S. (Honours) - - - - -	1	—	1
B.D.S. - - - - -	9	1	10
B.Arch. - - - - -	15	1	16
B.Tech - - - - -	56	—	56
B.App.Sc. - - - - -	11	—	11
Ph.D. - - - - -	2	—	2
Ph.D. (<i>ad eundem gradum</i>) - - - - -	7	—	7

At a Meeting of the Council on July 1, 1966:

	Males	Females	Total
M.B., B.S. - - - - -	4	1	5
M.Sc. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B.Sc. (Honours) - - - - -	1	—	1
B.Sc. - - - - -	1	—	1
B.E. (Honours) - - - - -	2	—	2
B.A. - - - - -	—	1	1
Ph.D. - - - - -	3	—	3
Ph.D. (<i>ad eundem gradum</i>) - - - - -	2	—	2
Diploma in Secondary Education - - - - -	1	2	3
Diploma in Primary Education - - - - -	1	—	1
Diploma in Arts and Education - - - - -	1	—	1

At a Meeting of the Council on December 21, 1966:

	Males	Females	Total
M.B., B.S. - - - - -	2	—	2
M.E. - - - - -	1	—	1
Ph.D. - - - - -	3	—	3

Totals: 94 candidates were admitted to higher degrees by examination or thesis, 34 were admitted to such degrees *ad eundem gradum*; 901 bachelor degrees were conferred by examination and 19 by admission *ad eundem gradum*; and 412 diplomas and two Final Certificates in Law were awarded.

15. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1966 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 1966.

Signed on behalf of the Council,

October 6, 1967,
Adelaide,

Chancellor.

COMMEMORATION ADDRESSES, 1967

The annual Commemoration Ceremonies were held on April 26, May 3 and May 10, 1967.

In opening the proceedings on April 26, when His Excellency the Lieutenant-Governor was present, the Chancellor (Sir Kenneth Wills) said:

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

First, may I extend to you, Your Excellency, a warm welcome to this Commemoration ceremony. We welcome you not only as the representative of Her Majesty the Queen, but also as a former Chancellor. We deeply appreciate the interest which you continue to take in the University, and it is always a pleasure to have you with us.

The last twelve months have seen several changes in the University: the most notable have been the retirement of Sir George Ligertwood from the office of Chancellor and of Sir Henry Basten as Vice-Chancellor. It is fitting that, at this Commemoration, I should pay tribute to these two men who have guided the University through the difficulties of the last few years.

Sir George Ligertwood must be counted among the most eminent South Australians of his generation. He came first to the University as an undergraduate. Last October, he completed his statutory term of office as Chancellor and decided not to accept a further term. Between these two events, he has generously given service to the University over many years and in many ways. He was first elected a member of the University Council in 1942. He became Warden of the Senate three years later and retained that office for no less than fourteen years. He was appointed a judge of the Supreme Court in 1945. In 1958, he became Deputy Chancellor of the University, and Chancellor in 1961.

This is the unvarnished and incomplete chronicle of Sir George's life-long association with the University of Adelaide and although it needs no embroidery, although the simple facts make clear the debt we owe to our former Chancellor, I want to stress the great distinction with which he filled each role. Even as an undergraduate, he was outstanding. He won the Stow Prize three times and he was twice awarded the David Murray Scholarship. When, later in life, he became a member of the Council, his contribution to its work was not confined to its regular meetings; he served, also, as a member of the Finance Committee for more than twenty years; and no one who has served on the Council will forget the care and dignity with which he presided as Chancellor over its meetings. On topics on which he had the strongest personal views, he encouraged discussion and treated all opinions with scrupulous courtesy.

There was much which did deeply interest him during his Chancellorship. The University was passing through a phase of great and uncomfortably rapid growth, and Flinders University was being planned. Sir George himself was chairman of the central planning committee and I think I may be permitted to say that our sister university in this State owes much to his wisdom and good-will. I know that he has put the University of Adelaide lastingly in his debt.

A few years ago, at a Commemoration such as this, Sir George referred to his predecessors in the office of Chancellor since the foundation of the University in 1874: Chief Justice Hanson and Bishop Short in the very early days; then Sir Samuel Way was Chancellor for thirty-three years. When Sir Samuel Way retired, Sir George Murray became Chancellor; and after him, Sir William Mitchell and then Sir Mellis Napier. All these great men added lustre to the University; and to the names of these great former Chancellors we must now add that of Sir George Ligertwood. I am sure that history will so regard him.

Now may I turn to Sir Henry Basten, a beloved and devoted servant of the University, who has retired as Vice-Chancellor after a most distinguished term of office.

It would be difficult to exaggerate the contribution which Sir Henry has made to the University: his influence has been so great, and his sound judgement on all University matters has been so widely recognized. He was born in England, and received his formal education at Oxford in Classics. In his early professional career he was an officer of the Calcutta Port Trust. He served there for ten years and then transferred to the Singapore Harbour Board, where he became Traffic Manager.

In 1942 he was appointed an Assistant Director of the Ministry of War Transport. At G.H.Q. Middle East, among his tasks was to organize shipping for the support of the Eighth Army and the invasion of Sicily. Later, in London, he helped to organize shipping for the invasions of Normandy and later Malaya.

After the war had ended, he became Chairman and General Manager of the Singapore and Penang Harbour Boards, and played a major role in the rehabilitation of Singapore Harbour. At this time he also took an important part in establishing the University of Malaya. He was a member of its Court and Council, and he served for a time as Chairman of the Council.

Sir Henry's work in Singapore was widely acclaimed, and he was invited by the Commonwealth Government to advise on measures for overcoming port congestion in Australia.

During this time in Australia he conceived a great love for this country, and he decided to settle here. In 1953 he joined the staff of the University, and in 1958 he was elected Vice-Chancellor. He thus became Vice-Chancellor at a time when the Murray Committee on Australian Universities had just published its report. As the University's chief executive officer, Henry Basten had the task of administering the tremendous expansion programme which followed the Murray report, and the first two reports of the Australian Universities Commission. To him must go much of the credit for the way in which the University responded to the challenge.

It may be helpful if I remind you of the magnitude of this expansion. In 1958 we had just over 5,000 students and 268 full-time members of

the academic staff; 221 students were studying for higher degrees. In 1966 we enrolled over 9,000 students, including 649 students for higher degrees, and there were nearly 500 members of the academic staff. Since 1958 there have been no less than 16 major additions to our buildings. These include the Napier Building, the R. A. Fisher Laboratories, the Union Hall and additions to the Union itself, additional buildings for Physics and Chemistry, new buildings for the Waite Institute, and just recently the new building primarily for the Faculty of Law.

In addition, Sir Henry Basten played a most important role in the planning of Flinders University.

It is typical of Sir Henry's foresight and concern for the welfare of our University that he asked to be allowed to retire eighteen months before his term of office was due to expire in order that his successor would be able, during 1967, to participate fully in planning the submission to the Australian Universities Commission for the 1970-72 triennium.

For his work and for his wise counsel the University is deeply grateful to Sir Henry, and will always remain so.

I have already referred to the fact that Sir George Ligertwood and Sir Henry Basten both played important roles in the initial planning of the University of Adelaide at Bedford Park. This planning was undertaken because it was recognized that our own University would soon become overcrowded. Restrictions on the entry of students to the Faculty of Medicine had already been imposed, and it was clear that the Faculties of Arts and of Science were also becoming too overcrowded for adequate teaching. The planning of the second University has been crowned with success, and the Flinders University of South Australia opened its doors as an autonomous University at the beginning of last year. May I add that the University of Adelaide regards the progress and the success of our sister University with considerable pleasure.

This year, for the first time, but in accordance with expectation, the University has imposed a restriction on the entry of new first-year students to the Faculties of Arts and Science. It had not been planned to impose restrictions on entry to other Faculties; indeed, it had been hoped to expand some Faculties. Unfortunately, however, the financial resources available to the University in this triennium have made this impossible. After full consideration of all the problems the University Council reluctantly decided to impose quotas on the entry of new students in all Faculties. The University has also had to curtail some activities, and building plans for the future have been very seriously delayed.

The present financial difficulties are especially disappointing as I believe that, over the last few years, our University has grown in stature and in reputation. One hundred years ago Cardinal Newman said that a University "is the high protecting power of all knowledge and science, of fact and principle, of inquiry and discovery, of experiment and speculation. . . ." The same can be said of a University today in spite of increasing technical and professional specialization. Many people have referred to Universities as having twin functions: teaching and research. Some like to add a third function to those of a modern University: public service. I believe that our University has

acquired special distinction in all these areas and that we are justified in feeling some pride. Our graduates have achieved renown in many walks of life. Our academic staff is in constant demand by professional bodies, by government, and by industry and commerce, for technical and other advice. Our research work, despite severe shortages of funds over many years, is of the highest quality. In this connection I should like to refer to one independent assessment of the quality of the research performed at the University of Adelaide. The Australian Research Grants Committee, in 1967, awarded grants for the support of no less than 91 projects at our University. The total amount of the grants was about 15 per cent. of the amount given to all Australian Universities, or one and a half times the amount we might have expected on a population basis.

May I take this opportunity of welcoming our new Vice-Chancellor, Emeritus Professor Badger, who assumed office this March.

He was born at Port Augusta in 1916, what time his father was engaged on the construction of the Commonwealth East West Railway. He was educated in Victoria and at the Melbourne University was awarded the degree of Master of Science with first class Honours in 1938. He then proceeded to London University where he carried out organic chemical research and became a Doctor of Philosophy in 1940. During World War II he served for three years, at sea and ashore, as an Instructor-Lieutenant in the Royal Navy. Following the war he carried out researches in the University of Glasgow, which awarded him the degree of Doctor of Science in 1949.

In 1949 also he was appointed to a Senior Lectureship in Organic Chemistry at this University and was promoted Reader in 1951; while in 1954 he became the Professor of the Organic Chemistry Department, a position he held for ten years. He was elected a Fellow of the Australian Academy of Science in 1960 and was a Vice-President of the Academy in 1966.

In 1964 he left us to become a full-time member of the Executive of C.S.I.R.O. But the affinity between Professor Badger and the University led to his appointment late in 1965 as Deputy Vice-Chancellor, an office which he assumed in the following January. His whole career has been marked by success in research, in teaching, and in administration. I feel that we are most fortunate in having him as a distinguished successor to his distinguished predecessor.

And now may I say to the young men and women who are about to be admitted to degrees that everyone here shares in your joy and pride on this occasion. We congratulate you on having successfully completed the years of hard study required to bring you to this day; but we now look to you, with expectation of even greater efforts, to apply the fruits of your education to the benefit of the community. Our University will be judged by the way in which you contribute to the well-being of the community, and to mankind.

I hope that you will all cherish warm memories of the time you have spent among us, and that, when you go your various ways you will maintain the links of friendship forged here. You will eventually be called upon to accept positions of leadership in the professions, in business, and in the State. I am sure that the contact which you have

had, with people of differing views, has given you that toleration and understanding of the rights of others which is essential to true leadership. Above all, I hope that you have come to share the attitude of independent thought and searching inquiry fostered in the University; and that, throughout your lives, you will continue the quest for knowledge and truth that you embarked on here.

To those among you who are soon to return to homes across the seas may I say how grateful we are that we have had the opportunity of sharing these important years with you; and how greatly we will always treasure the friendships we have formed with you. We extend to you and your homelands all good wishes, and we hope that you will regard Australia as a second home, and Australians as your special friends.

The ceremony on May 3 began with the admission of Sir Leslie Martin, former Chairman of the Australian Universities Commission, to the degree of Doctor of Science, *ad eundem gradum*. When the degree had been conferred Sir Leslie addressed the congregation as follows:

Thank you, Mr. Chancellor, for providing this opportunity to express my appreciation of the great honour conferred upon me by your University. In the years which have passed since its foundation, nearly a century ago, the University of Adelaide has created a tradition for scholarship admired by all who cherish excellence. It is a great privilege to become an honoured member of one of its distinguished faculties.

Graduates who will receive their degrees today will understand that I find it particularly agreeable to receive a doctorate *ad eundem gradum* thus enjoying the right to adorn myself with this delightful academic raiment without the embarrassment of passing examinations. I would like them to know, however, that there was a time when I myself anxiously awaited examination results at the end of each year.

The problems which at present confront Australian Universities are well known to everyone in this Hall. The urgent ones are financial and are peculiarly intractable. As you probably know quite large sums of money have had to be found to meet the requirements of Australian Universities in recent years. For example the Commission, during its lifetime, has recommended sums of the order of a thousand million dollars, and not inconsiderable sums have come from the United States, Britain and local sources in support of research programmes. Now that the university enterprise involves increasing sums of these magnitudes educational, economic and political issues have become inextricably involved. The solutions of the problems are of fundamental significance for the future welfare of the Australian community and must be resolved, but this is not an occasion for comments by one who has retired from the university scene. However, I would like to express

my admiration for the unselfish attitude adopted by the University of Adelaide, during the 1964/66 triennium, in its determination to create in Flinders University a worthy offspring—one in which we can all take great pride today. We look forward now to the time when the parent university will achieve a new and great library and those other material assets which are essential for its continuing strength. It is important for the community to remember that while, in recent years, the number of universities has increased to fourteen, nearly one half of all academic responsibilities are carried at present by the four 19th century universities of which, of course, the University of Adelaide is one. The responsibilities of the older universities are very great in the postgraduate and research areas.

I believe that the graduates who are about to receive degrees today are scientists. Science is an exacting taskmaster and success requires discipline of mind and spirit often not readily endured when one is young. However, you have survived the first impact of the modern explosion of knowledge with distinction, and I congratulate you all on your considerable achievements.

It is hardly necessary to remind you that ours is a country richly endowed with sources of wealth awaiting development; perhaps it is unique in the modern world. The fulfilment of this country's potential requires money, but as urgently, dedicated men. Because we live in a technological age, a large proportion of these men and women will be scientists and technologists.

Today's young science graduates will be offered vital challenges. Some will make their contribution in educational institutions: universities, colleges, and in our vast complex of primary and secondary schools. A rapidly expanding number will be required in industry, commerce, and public services and I believe it is important that increasing numbers should ultimately enter areas in government; be they Federal, State or Community.

The prospects for the young scientist in Australia are exciting. However, success in the future will be conditioned not only by competence in a scientific discipline but also by the ability to communicate with people, many of whom will not be scientists. This is obviously true for those who enter the honourable profession of teaching, whether in a university or a primary school. It is equally true for those who ultimately leave the laboratory and assume managerial posts of different kinds.

Under the educational stresses associated with the current explosion of knowledge, scientists, during the years of training, have few opportunities to study the human problems created in this technological age. Sir Eric Ashby has pointed out that in British Universities it is uncommon to find, as part of scientific and technological courses, "material on industrial history, social psychology, labour relations, or political institutions". Students in these disciplines have few opportunities "to reflect on the ethics of leadership—to consider in a scholarly way such values as justice, magnanimity, virtue; the whole traffic of relations between man and man."

Our universities and other tertiary institutions are aware of this urgent problem—the integration of humanities with scientific educa-

tion. However the pressures of scientific knowledge are unrelenting and our students have the physical and intellectual limitations of human beings.

It may be that existing scientific and technological courses can be supplemented with postgraduate education in the humanities and social sciences provided in the form of university extension lectures.

To me, this seems a proper and important educational enterprise for universities interested in adult education.

For the present, I congratulate you on your success in clearing the first educational hurdle—obviously there are others ahead. Training in scientific disciplines, by the very nature of modern science, is a continuing process. We ask further that you become humane scientists.

In a world in which science and technology can make almost anything possible, the goals of man must be examined and assessed continually. Clearly the scientist has a special responsibility in this assessment. Moreover he must understand the minds of those working in other fields of human endeavour and must strive to provide them with an understanding of the affairs of science.

I apologize for being so serious on an occasion for rejoicing but, as you know, the exponential law of growth is inexorable. The world is in great haste to experience the promises of science. We scientists have precipitated the scramble and must now learn to understand and help to cope with the human problems.

The best of good fortune to you who are about to graduate. You are on the threshold of an exciting and rewarding life.

In opening the proceedings on May 10 the Vice-Chancellor (Professor G. M. Badger) said:

Mr. Chancellor, Mr. Minister, Members of the Council and Senate of the University, Ladies and Gentlemen:

The University of Adelaide was founded by Act of Parliament in 1874: ninety-three years ago. The establishment of the University at that early period of the State's history was encouraged by the generosity of two great benefactors: Sir Walter (Watson) Hughes and Sir Thomas Elder. It must be remembered, however, that from the very beginning the University has received an annual grant from the Government of South Australia; and Universities in other Australian States have similarly been supported, since their foundation, from public funds.

In South Australia the State Government provided the land for the first University buildings; it provided a grant to cover the cost of the

original building; and it provided some money for recurrent expenses. The expenses associated with our infant University were relatively small, but costs did increase with the years. Even in 1937, thirty years ago, however, the State Government provided only £65,000.

In the last fifteen years grants to Australian Universities from public funds have increased substantially, and I should like to illustrate this by referring to the financial position of the Universities in 1952, 1958 and 1965. 1952 is significant because it marks the year in which the University situation returned to what could be regarded as "normal", with the reduction of the demands of the Commonwealth Reconstruction Training Scheme. 1958 marks the beginning of increased financial interest in Universities by the Commonwealth Government; and 1965 was the middle year of the last triennium.

In 1952 the income available to all Australian Universities for financing their general activities amounted to just over \$11m.; in 1958 income had grown to \$28.5m.; and in 1965 the income was in excess of \$100m., of which about \$75m. was in the form of Government grants. Over the same period there were also large increases in the grants for buildings and for research, and new Universities were established.

In simple monetary terms, therefore, there has been a considerable increase in the income available to the Universities in Australia. But the greater part of this increase has been absorbed by the increased costs of materials, equipment, books, salaries and wages, over the same period. By 1965 the real income available to the Universities had not increased ten-fold, but had increased to about three times, or perhaps four times, the 1952 figure. It must also be remembered that, in 1952, the Australian Universities were seriously underdeveloped: the Australian Universities Commission had not been established, and the Murray Committee did not report until 1957.

Despite this, some people may now be thinking that the Universities are insatiable in their requests for increased finance. It is not, however, the Universities which are insatiable. It is the gifted young people of today who are seeking to enter the Universities in such increasing numbers; and it is the industrial organizations, and government departments, which are insatiable in their demands for well-educated graduates.

Thirty years ago there were only about 11,000 University students in the whole of Australia; and the Australian Universities Commission estimates that in 1968 there will be more than 100,000. In Adelaide, thirty years ago, we had about 2,100 students, but nearly half of these were non-matriculated non-graduating students. Now we have over 9,000 students and nearly all are matriculated, graduating students, and part-time students represent a much smaller proportion of the total.

This increase in student numbers is due to several factors. There has, of course, been a steady rise in the population, partly because of the increased birth-rate after the war, and partly by immigration. In addition, there has been a striking increase in the numbers of young men and women of the 17-22 years age group who want to study at a University. Fifteen years ago about 4 per cent. of the 17-22 years age

group in South Australia entered the University of Adelaide; today, about 8 per cent. of the same age group embark on University studies. It is not surprising that this is so: the last fifteen years have seen an enormous expansion in the industrial and commercial potential of Australia. Secondary industry has expanded, and many new industries have been established. The demand for secondary school teachers has increased enormously; and the requirements of State and Commonwealth Departments for graduates have increased to an unprecedented extent. And these demands by industry and by government departments are likely to increase with the future development of Australia.

The rapid expansion of our own University has brought many problems for the staff; but it should also be remembered that the uncomfortably rapid expansion has provided new problems for the students.

Universities take their name from the old Latin word *universitas*, which means a guild, a community, a corporation; and the ancient universities were established wherever communities of scholars and students congregated. The University of today is, however, a very different place from the old medieval universities from which we take many of our customs and our traditions. Many people think that the modern University is so large and so complex that it can scarcely pretend to be a community. There is certainly a danger that the individual student may feel 'lost', and this danger is not lessened by the knowledge that some Universities are much larger than our own.

The University is anxious to take steps to avoid these dangers and to develop the sense of community. The student must be able to feel that he is an individual, and that the University is interested in his progress as an individual. There is no doubt in my own mind that many of our classes are too big and that it is desirable to divide these into smaller groups; and there is widespread agreement in the University that more small tutorial groups need to be established. Outside the lecture room we need to foster clubs and societies so that each student can belong to a small community within the larger community of the University itself.

May I now turn to postgraduate students and draw your attention to the fact that the number of students enrolled for higher degrees in the University has been increasing even more dramatically than the increase in undergraduate numbers. Ten years ago we had about 170; now we have about 750 students reading for higher degrees.

This increase has also been stimulated by the rising demands by industry and by government departments for graduates trained in research. Moreover, Commonwealth Postgraduate Scholarships have made it financially possible for gifted graduates to remain in the University for research training. It must be remembered, however, that postgraduate training and research work is extremely costly, and the provision of the necessary finance is a constant worry for the University Council.

Postgraduate students are, of course, a few years older than the average undergraduate; and some are married. Many postgraduate students have been attracted to Adelaide from other States of the

Commonwealth, and many are from overseas. Some sort of academic and social centre, to which all postgraduate students can belong, is an urgent need in the University. It is, however, a need which will soon be met. Mrs. Kathleen Lumley, who was born in South Australia, has given \$60,000 towards the founding of a college for postgraduate students to be affiliated with the University. The University is greatly indebted to Mrs. Lumley for her splendid gift, and is particularly glad that it is for this specific purpose.

The establishment of a college for postgraduate students has been approved by the Australian Universities Commission, and the Commonwealth and State Governments have both, generously, agreed to provide complete matching grants. The University Council has decided to provide a site for the college on Mackinnon Parade, North Adelaide; and the Interim Council for the college, under the Chairmanship of Professor R. N. Robertson, is at present engaged on the detailed planning of the buildings. The Postgraduate Students' Association has taken an active and enthusiastic part in the planning of the college, and the University is grateful to the postgraduate students who have so unselfishly given their time.

The new college will be called "Kathleen Lumley College". The first stage of the building operations will provide accommodation for about 30 postgraduate students as well as a dining room, common rooms and other facilities; but it is hoped that the College will eventually be able to accommodate about 130. I should like to emphasize, however, that Kathleen Lumley College will become a centre of academic and social activities not only for those who are resident in it, but also for postgraduate students who are non-resident.

And now may I say a personal word of congratulations and good wishes to those who are about to receive their degrees. For the last three or four years you have been members of a community of scholars and, despite our difficulties, I hope that you feel, and will continue to feel, that you are a part of this University. The degrees which you have won are certificates that you have achieved a high educational standard, and that you are ready to enter upon your chosen career—whether it be in South Australia, in other States of the Commonwealth, or abroad. It is an achievement of which you can be proud, and of which your parents can be proud.

But education does not end with the award of a degree. It is a continuing process, and the last few years must have awakened even further your thirst for education. I commend this continuing process of education to you and I know it will bring you many years of enjoyment. At the same time let me remind you of John Stuart Mill's comment: "Men are men before they are lawyers or physicians or manufacturers; and if you make them capable and sensible men, they will make themselves capable and sensible lawyers or physicians."

Many of you are from overseas; and you will soon be returning to positions of responsibility in your own countries. Your presence among us has enriched the life of the University, and has contributed to international understanding. I hope that you will retain pleasant memories of the University to which you belong, and I wish you all every success.

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Financial Statements

1966

OF ADELAIDE

year ended 31st December, 1966

EXPENDITURE

NORTH TERRACE

	Schedule	\$	1966 \$	1965 \$
<i>Departmental—</i>				
Salaries and Wages	A	4,227,898		3,960,414
Travelling Expenses—New Appointments		54,054		60,698
Faculty Expenses	B	62,085		60,918
Laboratory Maintenance Grants	A	366,824		320,116
Equipment and Furniture under \$10,000	A	96,615		87,110
			4,807,476	4,489,256
<i>Library—</i>				
Salaries		237,363		216,212
Books and Binding		233,452		192,712
			470,815	408,924
<i>Administrative Salaries</i>			338,658	306,606
<i>Research—</i>				
Salaries	A	213,932		224,422
Equipment under \$10,000	A	131,607		150,440
Equipment over \$10,000	A	71,759		89,076
Maintenance	A	110,072		98,092
Travelling Expenses	A	14,206		17,466
			541,576	579,496
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		226,805		210,236
Building Repairs, Maintenance, Minor Reconstructions, et cetera	C	186,390		176,216
Maintenance of Site and Grounds		47,285		45,352
Maintenance of Sports Grounds		27,551		25,336
			488,031	457,140
<i>University College Scholarships</i>			14,000	14,000
<i>Sundry—</i>				
Payroll Tax		128,726		119,782
Scholarships and Prizes	D	41,927		46,256
General Expenses—Printing, Stationery, Miscellaneous	E	258,418		217,788
Gas, Water, Electricity, Insurance	F	181,985		164,274
Special Grants	G	84,274		76,378
Study Leave	H	83,489		64,926
Superannuation Retiring Allowances		15,507		15,218
			794,326	704,622
Surplus—1965 (Transferred to Income and Expenditure Appropriation Account)				9,076
			<u>\$7,454,882</u>	<u>\$6,969,120</u>

THE UNIVERSITY

Income and Expenditure Account for the

INCOME					
WAITE AGRICULTURAL RESEARCH INSTITUTE—					
<i>Schedule</i>					
		\$	1966	\$	1965
<i>Government Grants—</i>					
H.M. Government of S.A.—Under the					
University Act					
		10,000			10,000
Grant for 1966					
		1,055,000			982,000
			1,065,000		992,000
<i>Interest</i>	N		24,499		25,902
<i>Other Income</i>	O		12,139		13,950

Deficit—1966 (Transferred to Income and
Expenditure Appropriation Account)

1,760	8,860
<u>\$1,103,398</u>	<u>\$1,040,712</u>

OF ADELAIDE

year ended 31st December, 1966

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	Schedule	\$	1966 \$	1965 \$
<i>Departmental—</i>				
Salaries and Wages	I	513,746		500,500
Travelling Expenses—New Appointments		1,434		4,678
Faculty Expenses		5,404		8,192
Laboratory Maintenance Grants	I	68,347		65,430
Equipment and Furniture under \$10,000	I	6,391		10,318
			595,322	589,118
<i>Library—</i>				
Salaries		9,691		9,358
Books and Binding		16,950		17,514
			26,641	26,872
<i>Administrative Salaries</i>			75,863	70,570
<i>Research—</i>				
Salaries	I	40,261		37,290
Equipment under \$10,000	I	30,431		37,442
Equipment over \$10,000	I	17,200		—
Maintenance	I	942		2,128
Travelling Expenses	I	128		—
			88,962	76,860
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		23,657		20,562
Building Repairs, Maintenance, Minor Reconstructions, et cetera	J	48,085		45,462
Maintenance of Site and Grounds		15,066		13,212
			86,808	79,236
<i>Sundry—</i>				
Payroll Tax		16,652		16,368
General Expenses—Printing, Stationery, Miscellaneous	K	54,026		46,220
Gas, Water, Electricity, Insurance		63,095		54,364
Study Leave		7,883		11,102
			141,656	128,054
<i>Farm—</i>				
Wages (including Gardeners)		46,456		39,598
Maintenance		9,924		8,120
Equipment		3,038		2,738
			59,418	50,456
<i>Mortlock Experiment Station—</i>				
Salaries		8,250		2,208
Maintenance		7,166		4,186
Equipment		11,374		11,914
Travel		1,938		1,238
			28,728	19,546
			\$1,103,398	\$1,040,712

THE UNIVERSITY

Income and Expenditure Account for the

		INCOME		
		<i>Schedule</i>		
			1966	1965
		\$	\$	\$
Total North Terrace	...		7,454,882	6,969,120
Total Waite Institute			1,103,398	1,040,712
			<u>\$8,558,280</u>	<u>\$8,009,832</u>

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling \$1,155,319 detailed on page 476-487 inclusive of these accounts.

OF ADELAIDE

year ended 31st December, 1966

	EXPENDITURE	
	Schedule	
	\$	\$
Total North Terrace	7,454,882	6,969,120
Total Waite Institute	1,103,398	1,040,712
	<u>\$8,558,280</u>	<u>\$8,009,832</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, 1966, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named. We further report that in terms of sections 3 and 6 respectively of the Universities (Financial Assistance) Act, 1963-1965, in relation to the year 1966, the above financial statement correctly sets out the fees and State Grants received by The University of Adelaide, and that the Commonwealth grant for recurrent purposes paid to The University in that year, has been applied for expenditure (not being capital expenditure exceeding \$10,000 on any one item) on University purposes, and expenditure of the special State and Commonwealth grant for 1966 of \$220,000 for research purposes includes \$88,959 on items of equipment costing more than \$10,000 each.

ANNELLS, HUNWICK & CO., Chartered Accountants,
SPRY, WALKER & CO. Chartered Accountants.

Adelaide, 9th May, 1967.

NORTH TERRACE
SCHEDULE A

1966 INCOME AND EXPENDITURE ACCOUNT — SUPPORTING SCHEDULES
DEPARTMENTAL FUNDS EXPENDED

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture Under \$10,000	RESEARCH					TOTAL
				Salaries	Equipment		Maintenance	Travel- ing Expenses	
					Under \$10,000	Over \$10,000			
Classics	56,322	252	209	1,050	—	—	—	200	58,033
Philosophy	40,155	95	—	3,360	—	—	—	—	43,610
Psychology	131,143	7,036	4,499	4,702	2,848	—	3,497	145	153,870
Politics	56,128	148	113	—	590	—	17	100	57,096
History	169,787	1,069	259	683	707	—	907	3,800	177,212
English	145,185	1,955	56	1,913	—	—	56	849	150,014
French	49,192	150	153	1,754	12	—	—	—	51,261
German	46,722	362	92	2,757	566	—	1	2	50,502
Geography	97,858	6,944	1,175	3,254	2,282	—	1,161	666	113,340
Anthropology	10,016	221	55	1,145	686	—	913	—	13,036
Education	54,287	260	23	46	80	—	28	72	54,796
Economics	131,030	1,534	790	3,835	—	—	132	2	137,323
Commerce	50,771	1,032	—	1,787	—	—	89	—	53,679
Physics	224,141	34,349	9,609	25,598	12,019	—	11,510	2,527	319,753
Organic Chemistry	116,179	32,138	687	18,625	10,991	—	9,655	—	188,275
Physical and Inorganic Chemistry	188,042	38,373	4,611	29,756	17,620	5,690	5,844	85	290,021
Mathematics	179,309	1,026	344	4,668	1,716	—	2,571	14	189,648
Mathematical Physics	38,772	1,962	395	1,713	—	—	—	418	43,260
Geology	114,763	8,271	5,348	3,020	4,030	—	1,281	677	137,390
Economic Geology	31,802	2,651	653	—	339	—	289	495	36,229
Botany	98,213	9,807	1,857	16,397	8,010	10,286	2,814	948	148,332
Botany Field Stations	—	725	21	—	—	—	—	—	746
Zoology	119,299	10,821	3,178	14,826	3,083	—	3,499	1,555	156,261
Genetics	69,007	4,827	1,940	—	2,121	—	2,585	443	80,923
Biochemistry	69,009	17,722	5,850	3,634	7,166	40,630	2,544	—	146,555
Physiology	127,025	10,478	3,733	8,031	1,659	1,360	5,275	6	157,567
Medical Workshop	—	922	523	—	—	—	—	—	1,445
Carried Forward	\$2,414,157	\$195,130	\$46,173	\$152,554	\$76,525	\$57,966	\$54,668	\$13,004	\$3,010,177

DEPARTMENTAL FUNDS EXPENDED—1966 — NORTH TERRACE—SCHEDULE A (Continued)

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture Under \$10,000	RESEARCH					TOTAL
				Salaries	Equipment		Maintenance	Traveling Expenses	
					Under \$10,000	Over \$10,000			
Carried Forward	\$2,414,157	\$195,130	\$46,173	\$152,554	\$76,525	\$57,966	\$54,668	\$13,004	\$3,010,177
Microbiology	84,068	12,476	2,436	12,403	4,618	13,793	935	60	130,789
Pathology	86,335	5,017	728	—	132	—	98	108	92,418
Medical Animal House	—	3,258	—	—	—	—	—	—	3,258
Anatomy	81,950	4,716	1,654	1,225	570	—	540	—	90,655
Medicine	90,926	3,741	614	1,281	585	—	1,036	—	98,183
Obstetrics	66,341	5,556	76	1,500	792	—	417	—	74,682
Surgery	89,982	6,062	679	2,581	232	—	3	202	99,741
Child Health	44,367	1,416	60	—	110	—	1,486	—	47,439
Mental Health	41,503	1,054	1,017	—	347	—	1,752	—	45,673
Dentistry	153,566	4,527	2,271	—	714	—	674	—	161,752
Law	117,065	1,133	1,087	3,889	—	—	—	268	123,442
Music	54,255	—	—	7,480	630	—	1,354	—	63,719
Elder Conservatorium	115,312	10,653	946	—	—	—	—	—	126,911
Civil Engineering	132,089	4,278	3,203	9,952	4,401	—	1,595	15	155,533
Mechanical Engineering	116,117	8,648	3,283	3,790	6,899	—	4,149	48	142,934
Electrical Engineering	101,762	10,138	4,398	6,707	7,893	—	1,321	58	132,277
Chemical Engineering	74,260	8,649	6,064	1,054	3,185	—	4,543	—	97,755
Architecture	82,504	2,618	1,499	—	1,139	—	—	—	87,760
Computing Science	68,031	31,530	979	5,897	11,145	—	2,445	92	120,119
W.R.E. Computing Time	—	16	—	—	—	—	—	—	16
Computing Block Grant	—	—	—	—	—	—	16,266	—	16,266
Social Studies	41,356	393	—	2,629	—	—	757	176	45,311
Engineering Workshop	—	4,701	7,277	—	—	—	—	—	11,978
Electron Microscope	—	2,820	—	—	—	—	—	—	2,820
Physiotherapy	32,417	477	582	—	226	—	—	—	33,702
Survey Camp	—	1,740	191	—	—	—	—	—	1,931
Carried Forward	\$4,088,363	\$330,747	\$85,217	\$212,942	\$120,143	\$71,759	\$94,039	\$14,031	\$5,017,241

DEPARTMENTAL FUNDS EXPENDED—1966 — NORTH TERRACE—SCHEDULE A (Continued)

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DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture Under \$10,000	RESEARCH					TOTAL
				Salaries	Equipment		Maintenance	Travel- ling Expenses	
					Under \$10,000	Over \$10,000			
Carried Forward	\$4,088,363	\$330,747	\$85,217	\$212,942	\$120,143	\$71,759	\$94,039	\$14,031	\$5,017,241
Maintenance Department	—	—	903	—	—	—	—	—	903
Barr Smith Library	—	13,740	3,697	—	—	—	—	—	17,437
Administration	—	—	1,752	—	—	—	—	—	1,752
Pensions and Gratuities	26,862	—	—	—	—	—	—	—	26,862
Photo Services	—	1,100	559	—	—	—	—	—	1,659
Physical Education	33,300	2,188	630	—	225	—	44	—	36,387
Mawson Institute	12,766	4,014	1,793	990	11,239	—	333	—	31,135
Gardeners	—	—	315	—	—	—	—	—	315
Caretakers	—	—	—	—	—	—	—	—	—
Ancillary Staff	—	—	—	—	—	—	—	—	—
Superannuation	28,430	—	—	—	—	—	—	—	28,430
Central Animal House	14,281	11,826	998	—	—	—	—	—	27,105
Health Service	16,584	556	78	—	—	—	24	—	17,242
Language Laboratory	7,312	1,683	76	—	—	—	—	—	9,071
Radiation Safety Service	—	616	—	—	—	—	—	—	616
Books—for Research Purposes	—	—	—	—	—	—	15,632	—	15,632
Travelling Expenses— New Appointments	—	—	—	—	—	—	—	175	175
Australian Science Technicians' Assoc.	—	217	—	—	—	—	—	—	217
Medical School Admin.	—	137	38	—	—	—	—	—	175
Bonython Hall	—	—	—	—	—	—	—	—	—
Maintenance Workshop	—	—	559	—	—	—	—	—	559
	\$4,227,898	\$366,824	\$96,615	\$213,932	\$131,607	\$71,759	\$110,072	\$14,206	\$5,232,913

FINANCIAL STATEMENTS

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

EXPENDITURE

NORTH TERRACE

	\$	\$
B. Faculty Expenses—		
Arts—Printing and Stationery	3,606	
„ Advertising	4,345	
„ Additional Examiners and Supervisors	485	
Economics—Printing and Stationery	721	
„ Advertising	1,709	
„ Additional Examiners and Supervisors	111	
Science—Printing and Stationery	4,290	
„ Advertising	7,806	
„ Additional Examiners and Supervisors	2,689	
Medicine—Printing and Stationery	655	
„ Advertising	2,457	
„ Additional Examiners and Supervisors	1,121	
Commerce—Printing and Stationery	162	
„ Advertising	820	
Dentistry—Printing and Stationery	232	
„ Advertising	1,270	
„ Additional Examiners and Supervisors	61	
Law—Printing and Stationery	358	
„ Advertising	261	
„ Additional Examiners and Supervisors	1,165	
Music—Printing and Stationery	256	
„ Advertising	1,162	
Conservatorium—Advertising	185	
Engineering—Printing and Stationery	1,789	
„ Advertising	2,653	
„ Additional Examiners and Supervisors	240	
Social Studies—Printing and Stationery	48	
Physiotherapy—Printing and Stationery	30	
„ Advertising	130	
Architecture—Printing and Stationery	192	
„ Advertising	34	
„ Additional Examiners	51	
Pharmacy—Printing and Stationery	210	
Examination Expenses—Degree and Diploma	6,519	
Faculty Expenses—General	13,900	
Physical Education—Printing and Stationery	68	
„ „ Advertising	294	
	\$62,085	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

EXPENDITURE

	\$	\$
C. Building Repairs, Maintenance, Minor Reconstruction, et cetera—		
Miscellaneous	4,877	
Mitchell Building	6,570	
Elder Conservatorium	1,080	
Bonython Hall	2,817	
Prince of Wales Building	19,258	
Physics Building	4,139	
Darling Building	29,693	
Observatory	72	
Union Buildings	5,897	
Johnson Laboratories	12,056	
Maintenance Superintendent's Residence	688	
Benham Building	2,860	
Barr Smith Library	2,798	
Mathematics Building	891	
Main Engineering Building	6,464	
Mechanical Engineering Building	3,363	
Medical Building	17,260	
Mawson Laboratories	7,320	
Maintenance Workshop	413	
Organic Chemistry Building	1,903	
R. A. Fisher Laboratories	4,522	
Napier Building	4,546	
Central Animal House	6,636	
Bragg Laboratories	1,594	
Staff Club Building	240	
Physical Education Centre	1,615	
Engineering Annexe	22,928	
Physical Chemistry Building	911	
Mount Torrens Field Laboratory	4,831	
Library Undercroft	5,625	
Extensions to Potting Shed	1,585	
Field Station—Botany	77	
" " St. Kilda	861	
	-----	\$186,390

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1966

Name	Opening Balance 1/1/66	Income	Expenditure	Closing Balance 31/12/66
	\$	\$	\$	\$
Barr Smith Prize for Greek	35	16	20	31
Andrew Scott Prize for Latin	—	12	12	—
James Gartrell Prize	37	22	—	59
John Howard Clark Prize	387	69	—	456
Tormore Prize	43	15	12	46
The Byard Prize	43	16	12	47
Sir Archibald Strong Memorial Prize	567	76	50	593
Edith Hubbe and Harriet Cook Prize	354	66	50	370
Bunday Prize for English Verse	142	27	—	169
M. Rees George Memorial Prize	146	26	20	152
Hope Crampton Prize	4	11	10	5
Carried Forward	\$1,758	\$356	\$186	\$1,928

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

Name	Opening Balance 1/1/66	Income	Expenditure	Closing Balance 31/12/66
Brought Forward	\$1,758	\$356	\$186	\$1,928
Violet de Mole Scholarship	486	69	20	535
Weimar-Ohlstrom Prizes (German)	38	37	36	39
A. J. Schulz Prizes in German	605	161	110	656
Fred Johns Scholarship	4,323	366	—	4,689
Tinline Scholarship	186	104	120	170
Natalia Davies Prize	42	32	40	34
Roby Fletcher Prize	—	16	20	—*
Jefferis Memorial Medals	83	9	7	85
The Australian Psychological Society Prize	10	10	10	10
Anna Florence Booth Prize	601	105	—	706
John Lewis Prize in Geography	—	10	10	—
Charles Fenner Prize in Geography	15	11	10	16
Sir Archibald Grenfell Price Prize	21	13	11	23
New Education Fellowship-Prize	165	6	40	131
Edith Puddy Prize	3	13	12	4
Gavin David Young Lectureship	716	281	—	997
Ernest Ayers Scholarship	1,667	207	—	1,874
John Bagot Scholarship	1,269	112	40	1,341
Elsie Marion Cornish Prize	163	33	—	196
J. G. Wood Memorial Scholarship	120	57	50	127
Rennie Scholarship	99	36	—	135
Tate Memorial Medal	45	8	1	52
James Barrans Scholarship	849	329	400	778
J. R. Wilton Prize	27	12	10	29
Union Carbide Prizes	—	200	200	—
Sir Ronald Fisher Prize in Genetics	11	22	—	33
Sir Ronald Fisher Memorial Scholarship	—	136	120	16
C.S.R. Chemicals Prize	100	100	100	100
R. K. Morton Scholarship in Biochemistry	—	108	100	8
Philips Prizes in Physics	600 Dr.	1,200	600	—
D. B. Adam Memorial Prize	99	36	—	135
T. E. Barr Smith Travelling Scholarship	2,375	1,623	2,008	1,990
R. K. Morton Scholarship in Agricultural Biochemistry	—	108	100	8
Angas Engineering Scholarships	—	400	250	150
Sir Robert Chapman Prize	47	33	21	59
Humes Prize in Civil Engineering	—	50	50	—
Australian Welding Institute Prize	—	40	40	—
James Hardie Prize in Civil Engineering	—	—	100	Dr. 100
The Lokan Prize	43	12	—	55
E. V. Clark Prize in Electrical Engineering	234	11	15	230
Gerard Prize	42	42	42	42
Electricity Trust of S.A. Prize	—	21	21	—
Electricity Trust Prize in Electrical Power Engineering	—	100	100	—
The Cable Makers Association Prize	—	21	21	—
S.A. Chamber of Manufactures Prize	—	20	20	—
Philips Electrical Industries Prizes in Electronics	—	120	120	—
I.R.E. Fisk Prize	—	20	20	—
Sir William Goodman Scholarship	1,098	508	400	1,206
Forwood Down Prize in Mechanical Engineering	—	42	42	—
Rutter Jewell-Thomas Medal and Prize	378	71	—	449
The Albright and Wilson Prize in Chemical Engineering Design	—	63	63	—
Petroleum Refineries-Aust. Pty. Ltd. Prize	—	100	100	—
Eso Standard Oil (Aust.) Pty. Ltd. Prize	60	40	40	60
Stow Prizes and Scholarship	—	31	121	—*
R. W. Bennett Prizes and Medals	177	57	49	185
Angas Parsons Prize	480	110	100	490
Justin Skipper Prize	126	21	15	132
Thomas Gepp Prize	142	26	20	148
Roy Frisby Smith Prize	80	100	100	80
Baker Scholarship in Law	1,775	583	375	1,983
Sir Hugh Cairns Memorial Prize	403	133	50	486
Christopher and John Campbell Prize	106	54	50	110
Herbert John Wilkinson Memorial Prize	255	349	200	404
Carried Forward	\$20,722	\$9,104	\$6,906	\$23,014

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

Name	Opening Balance 1/1/66	Income	Expenditure	Closing Balance 31/12/66
Brought Forward	\$20,722	\$9,104	\$6,906	\$23,014
Smith Kline and French Prize in Microbiology ..	—	100	100	—
Dr. Davies-Thomas Scholarships	34	61	60	35
J. B. Cleland Prize	16	14	11	19
T. L. Borthwick Memorial Prize	16	11	—	27
Archibald Watson Prize	25	17	16	26
Dr. Chas. Gosse Lectureship	1,263	176	1	1,438
Everard Scholarship	100	105	100	105
Lister Prize	13	10	8	15
A.M.A. (Section of Clinical Medicine) Prize ..	10	—	10	—
William Gardner Scholarship	—	204	204	—
Mead Johnson Paediatric Prize	—	—	53	53 Dr.
Carnation Company Prize	—	42	42	—
Shorney Prize	650	135	277	508
Australian College of General Practitioners Prize ..	—	80	80	—
Ruth Heighway Memorial Prize	42	72	70	44
Pfizer Prize in Gynaecology	—	—	50	50 Dr.
Johnson and Johnson Prizes	—	200	200	—
Bertha H. Sudholz Scholarship	929	246	—	1,175
T. G. Wilson Travelling Scholarship	2,013	307	1,000	1,320
Roche Products Prizes	20 Dr.	—	20	40 Dr.
John Barker Scholarship for Medical Research ..	1,285	359	150	1,494
Keith Sheridan Prizes	1,102	100	696	506
Mental Health Association Prize	—	50	50	—
Eugene Abraham Mation Prize	—	46	50	—*
Thomas D. Hannon Prize	89	18	—	107
Dental Board of South Australia Prize	20	31	—	51
Malcolm Joyner Prize	21	21	21	21
Austin Bazeley Prize	25 Dr.	522	—	497
Prof. J. H. B. Tew Prize in Economics	20	11	10	21
Adelaide Chamber of Commerce Prize	—	21	21	—
Economic Society Prize	—	42	42	—
John Lorenzo Young Scholarship	441	51	30	462
John Cresswell Scholarship	810	170	50	930
George Thompson Bursary	109	20	—	129
Archibald Mackie Bursary	89	14	—	103
Joseph Fisher Medal and Lecture	—	100	1	99
Australian Society of Accountants Prize	—	60	60	—
Kenneth and Hazel Milne Travelling Scholarship in Architecture	1,975	845	—	2,820
James Hardie Prize in Architecture	—	300	200	100
S.A. Institute of Architects Prize	—	63	63	—
South Australian Gas Company Prize in Architecture ..	100	—	—	100
Clive E. Boyce Scholarship	544	527	—	1,071
John Storey Prizes	—	21	21	—
George Murray Scholarships	—	438	20,385	—*
Chapman Memorial Scholarship	863	191	—	1,054
W. Donnithorne Award	918	361	400	879
Baillieu Research Scholarships	4,423	705	—	5,128
David Murray Scholarships	3,594	370	300	3,664
John L. Young Scholarship	1,250	160	100	1,310
St. Alban Scholarship	58	18	—	76
United Nations Prize	389	29	—	418
Hartley Studentship	18	60	50	28
William Culross Prize	39	26	25	40
Mining and Metallurgical Bursaries	—	500	500	—
Thorner Bursary	118	50	44	124
Way College Old Collegians Prize	23	21	—	44
Tennyson Medal	—	10	2	8
Hardwicke College Prize	24	11	6	29
Annie Montgomerie Martin Prize	19	16	2	33
J. E. Jenkins Scholarship	1,501	767	200	2,068
Eva Lines Memorial Scholarship	262	62	30	294
Eric Smith Scholarship	—	65	288	—*
E. W. Way Lectureship	227	59	—	286
Carried Forward	\$46,119	\$18,195	\$33,005	\$51,577

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

Name	Opening Balance 1/1/66	Income	Expenditure	Closing Balance 31/12/66
Brought Forward	\$46,119	\$18,195	\$33,005	\$51,577
Alexander Clark Memorial Prize	238	37	25	250
Eugene Alderman Scholarship	151	81	37	195
Selborne Moutray Russell Scholarship	559	128	16	671
Lucy Josephine Bagot Prize	110	53	50	113
J. Varley Scholarship	527	126	—	653
Anders and Reimers Scholarship	770	115	70	815
Robert Whinham Prize	32	10	—	42
Gladys Lloyd Thomas Scholarship	141	57	—	198
E. Harold Davies Scholarship	199	58	50	207
Florence Cooke Violin Prize	68	14	10	72
Dr. Ruby Davy Scholarship	326	45	30	341
Guli Magarey Scholarship	50	50	50	50
Frederick Bevan Memorial Scholarship	354	78	60	372
Elder Overseas Scholarship	170	1,828	823	1,175
Maude Puddy Scholarship	233	62	—	295
Athol Lykke Award	1,391	334	201	1,524
Lienau Prize	152	58	—	210
Clement Q. Williams Prize	84	52	50	86
William Silver Scholarship	—	165	95	70
Mrs. Arno Pontt (May Gepp) Scholarship	50	53	50	53
Norman Chinner Scholarship	—	60	—	60
	\$51,724	\$21,659	\$34,622	\$59,029

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

Expenditure (Column 3)	\$34,622
Excess—Closing Balance	\$59,029
Opening Balance	\$51,724
	\$41,927

EXPENDITURE

NORTH TERRACE

E. General Expenses—

Caretaking and Cleaning	\$ 15,027
Miscellaneous Charges	13,492
Printing and Stationery—General	65,294
Advertising—General	2,134
Bank Charges, Duty Stamps and Exchange	10,525
Postages and Telegrams	22,197
Maintenance of Office Machines	2,711
Auditors' Fees and Legal Expenses	4,374
Senate	1,355
Telephone Charges	43,707
Calendar—Printing	20,191
Fire Protection Charges	3,848
Laundry Services	8,805
Travelling Expenses	4,803
Australian Vice-Chancellors' Committee— Expenses	7,037
Maintenance of Lifts—General	7,398
Maintenance of Lifts—Medical Building	1,463
Carried forward	234 361

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

EXPENDITURE				
NORTH TERRACE		\$	\$	\$
Brought forward			234,361	
Administration Car Account			509	
General Service Vehicle Maintenance			638	
Staff Fees Payable to Institute of Technology and other Schools			1,164	
Heating and Ventilation Account— Napier Building			1,993	
Heating and Ventilation Account— Barr Smith Library			487	
Heating Fuel—Bragg Laboratories			44	
Geography Excursions			646	
S.A. Institute of Technology—Lecture Notes			1,324	
Geology Excursions			812	
Botany Excursions			744	
Dental Lockers			64	
Laboratory Breakages			12,195	
Workshop Overhead Expenses			4,797	
Department Removals and Expenses			1,693	
Martindale Hall Expense Account			40	
			<u>261,511</u>	
<i>Deduct Credit Balances—</i>				
Discount Received			3,093	
			<u> </u>	<u>\$258,418</u>
 F. Gas, Water, Electricity and Insurance—				
Gas and Electricity Supply			113,474	
Water Rates			26,931	
Insurance Premiums			41,580	
			<u> </u>	<u>\$181,985</u>
 G. Special Grants—				
Australian Journal			7,900	
Adult Education			61,000	
Publications Fund			600	
Graduates' Union			2,857	
Staff Club			400	
Clerical Assistance—Staff Club			800	
Adelaide University Regiment Band			100	
Theatre Guild			817	
Anthropological Research			400	
Postgraduate Committee in Medicine			6,400	
Australian Institute of Nuclear Science and Engineering			3,000	
			<u> </u>	<u>\$84,274</u>
 H. Study Leave—				
General			64,482	
Research-type Conferences			13,077	
Visiting Lecturers			2,021	
Short Overseas Conferences			3,909	
			<u> </u>	<u>\$83,489</u>

WAITE AGRICULTURAL RESEARCH INSTITUTE— SCHEDULE I.

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture Under \$10,000	RESEARCH					TOTAL
				Salaries	Equipment		Maintenance	Traveling Expenses	
					Under \$10,000	Over \$10,000			
Agronomy and Plant Breeding	151,528	12,575	—	2,485	6,569	*8,600	—	—	181,757
Agricultural Biochemistry and Soil Science	118,088	17,720	—	9,387	7,709	*8,600	42	—	161,546
Plant Pathology	92,746	8,662	—	8,651	4,090	—	13	—	114,162
Entomology	77,862	7,446	—	5,976	1,620	—	140	68	93,112
Plant Physiology	43,380	9,248	—	2,685	5,571	—	1	—	60,885
Animal Physiology	23,310	6,300	514	1,125	3,428	—	49	60	34,786
Pensions and Gratuities	6,832	—	—	—	—	—	—	—	6,832
Biometry	—	1,683	—	7,265	—	—	—	—	8,948
Administration	—	—	3,392	—	—	—	—	—	3,392
South Wing Basement	—	656	—	—	—	—	—	—	656
Glasshouses	—	4,057	—	—	—	—	—	—	4,057
Furniture	—	—	2,485	—	—	—	—	—	2,485
Electron Microscope	—	—	—	1,763	186	—	647	—	2,596
Electronics Workshop	—	—	—	924	1,258	—	50	—	2,232
	\$513,746	\$68,347	\$6,391	\$40,261	\$30,431	\$17,200	\$942	\$128	\$677,446

* Shared Equipment

FINANCIAL STATEMENTS

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	\$	\$	\$
J. <i>Building Repairs—Maintenance, Minor Reconstructions, et cetera—</i>			
Laboratories—General		39,125	
Urrbrae House and Cottages		1,875	
Miscellaneous		1,036	
Sheep Pens		4,386	
Cattle Pens		1,663	
		<u>48,085</u>	\$48,085

K. *General Expenses—*

Telephone		8,432	
Printing and Stationery		8,463	
Freight and Cartage		23	
Photography		1,567	
Publications		3,699	
Travelling Expenses—			
General Administration		1,911	
Agronomy and Plant Breeding		5,469	
Agricultural Biochemistry and Soil			
Science		1,168	
Plant Pathology		2,630	
Entomology		4,459	
Plant Physiology		462	
Safety Committee		1,967	
Postages		2,589	
Laundry		1,459	
Cleaners' Materials		3,203	
Sundries		5,848	
Travelling Expenses—			
Farm		92	
Central Animal House		313	
Animal Physiology		272	
		<u>54,026</u>	\$54,026

INCOME

NORTH TERRACE

L. <i>Fees—</i>			
Arts		160,970	
Economics		81,454	
Science		223,151	
Medicine		179,193	
Dentistry		59,514	
Law		108,162	
Music		9,370	
Conservatorium		30,526	
Engineering		123,750	
Technology		6,690	
Social Studies		22,625	
Physiotherapy		21,060	
Agricultural Science		31,628	
Physical Education		3,604	
Architecture		50,978	
Pharmacy		19,584	
General Service Fee		94,895	
		<u>1,227,154</u>	\$1,227,154

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1966 — Continued

INCOME

NORTH TERRACE

	\$	\$	\$
M. <i>Other Income—</i>			
Rent Investment—Properties	5,345		
Less Maintenance—Properties	3,509		
	<u> </u>		
Calendar Sales		1,836	
Examination Paper Sales		2,054	
Hire of Rooms		25	
Statement of Academic Record		851	
Commonwealth Government Grant—		1,003	
Physical Education		4,200	
Superannuation Commission		12,618	
Library Fees		313	
Library Fines		3,148	
Park-Davis & Co., Contribution towards			
Chair of Parasitology		667	
S.A. Association for Mental Health—			
Contribution to Chair of Mental Health		16,313	
C.S.I.R.O. Grant towards Salary—Zoology ..		375	
Annual Contribution by Union to Health			
Service		7,520	
Administration Charge Refund P.E.M.		2,043	
		<u> </u>	
		52,966	
Less Transfer to Fund for Replacement of			
Major Equipment and Plant		10,000	
		<u> </u>	
			42,966
<i>External Scholarships and Prizes—</i>			
Byard Prize		11	
Hope Crampton Prize		11	
Weimar-Ohlstrom Prizes		38	
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		11	
Union Carbide Prizes		200	
Sir Ronald Fisher Prize in Genetics		21	
C.S.R. Chemicals Prize		100	
Philips Prizes in Physics		1,200	
T. E. Barr Smith Travelling Scholarship—			
Agriculture		1,500	
Humes Prize in Civil Engineering		50	
Australian Welding Institute Prize		40	
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	
Philips Electrical Industries Prizes in			
Electronics		120	
I.R.E. Fisk Prize		20	
Sir William Goodman Scholarship		460	
Forward Down Prize in Mechanical			
Engineering		42	
		<u> </u>	
Carried forward		4,122	42,966

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1966 – Continued

INCOME

NORTH TERRACE		\$	\$	\$
Brought forward			4,122	42,966
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	
Carnation Company Prize .. .			42	
Shorney Prize .. .			13	
Australian College of General Practitioners Prize .. .			80	
Johnson & Johnson Prizes .. .			200	
Mental Health Association Prize .. .			50	
Malcolm Joyner Prize .. .			21	
Austin Bazeley Prize .. .			500	
Adelaide Chamber of Commerce Prize .. .			21	
Economic Society Prize .. .			42	
Australian Society of Accountants Prize .. .			60	
Kenneth and Hazel Milne Travelling Scholarship in Architecture .. .			735	
James Hardie Prize in Architecture .. .			300	
S.A. Institute of Architects Prize .. .			63	
John Storey Prizes .. .			21	
George Murray Scholarships .. .			437	
Mining and Metallurgical Bursaries .. .			500	
Florence Cooke Violin Prize .. .			11	
Elder Overseas Scholarship .. .			1,230	
Athol Lykke Award for Postgraduate Studies in Music .. .			260	
				\$9,062
				\$52,028
<hr/>				
N. Interest and Dividends—				
Peter Waite Trust Fund .. .			7,096	
Elizabeth MacMeikan Estate .. .			8,600	
Hugh Hughes Estate .. .			4,269	
James Waite Estate .. .			100	
W. D. Grigg Estate .. .			361	
W. H. Sandland .. .			2,146	
Mrs. L. M. Owen-Smyth .. .			427	
Ranson Mortlock .. .			1,500	
				\$24,499
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Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	Schedule	1966	1965
		\$	\$
<i>Endowments and Grants—</i>			
General	(1)	2,871,569	2,779,570
Sale of Country Land		80,000	80,000
Sale of Alverstoke Estate		24,000	24,000
Grants, Donations for University Site	(2)	23,552	23,552
Contributions to Buildings and Fittings:			
H.M. Government of S.A.		4,037,157	3,103,023
Commonwealth Government		3,881,955	2,937,416
From Accumulated Funds		418,083	408,406
University Union Building Appeal		215,893	215,893
Appropriated from Reserves		31,050	31,050
Unemployment Relief Council for Johnson Chemical Laboratories		24,000	24,000
Pharmaceutical Society of S.A.		600	600
Commonwealth Department of Commerce (Medical Building)		23,498	23,498
I.G.Y. (Seismograph Vault)		4,000	4,000
C.S.I.R.O. (Mawson Laboratories) ..		1,650	1,650
Radio Research Board		2,858	2,858
		11,639,865	9,659,516
 <i>Reserves and Special Funds—</i>			
Special Donation Clinical Medicine		691	8,122
Invalidity Scheme Fund		66,393	63,246
Personal Superannuation Accounts		689,800	635,758
Ancillary Staff Superannuation ..		100,627	75,526
Share Fluctuation Reserve		131,162	131,162
Income and Expenditure Appropriation Account		—	54,662
Fund for Replacement of Major Plant ..		74,000	90,000
Motor Vehicle Replacement Fund		11,266	9,632
Grants for Buildings, Fittings and Major Equipment:			
H.M. Government of S.A.		93,695	1,118,000
Commonwealth Government		93,695	1,118,000
C.S.I.R.O. Contributions toward Engineering Annexe		—	15,000
Donation towards Purchase of Land ..		40,000	40,000
Bank of Adelaide		139,876	—
Scholarship Funds	(3)	59,271	54,524
Library Funds	(4)	44,484	21,012
Special Funds	(5)	1,229,420	1,039,712
		2,774,380	4,474,356
Carried forward		14,414,245	14,133,872

OF ADELAIDE

Accounts as at 31st December, 1966

NORTH TERRACE

		ASSETS		
		Schedule	1966	1965
			\$	\$
<i>Investment of Endowments and Grants—</i>				
Commonwealth Inscribed Stock ...	(12)		59,669	18,900
Share and Stock Investments	(13)		1,400,949	1,469,594
University Site			23,552	23,552
University Buildings	(14)		9,432,605	7,562,802
Other Land and Buildings	(15)		399,123	167,528
Books—Barr Smith Library			18,212	18,212
Advances on Mortgage	(16)		31,660	64,914
Funds held by Trustees ...	(17)		20,095	68,014
Funds due to the University	(18)		254,000	266,000
			11,639,865	9,659,516
 <i>Investment of Reserves and Special Funds—</i>				
Electricity Trust Debentures			480,008	273,678
Investment Properties and Improvements	(19)		11,227	33,392
<i>Current Balances:</i>				
<i>Invested on Deposit with Treasury</i>				
of S.A.			1,756,437	1,304,874
Bank of Adelaide			—	214,440
Agent-General for S.A., London			6,595	20,622
Cash Debtors	(20)		235,308	241,862
Buildings in Progress	(21)		282,282	2,385,488
Income and Expenditure—Appropriation Account	(22)		2,523	—
			2,774,380	4,474,356
Carried forward			14,414,245	14,133,872

THE UNIVERSITY

Statement of Balances of Capital

NORTH TERRACE

LIABILITIES AND TRUSTS

	Schedule	1966	1965
	\$	\$	\$
Brought forward		14,414,245	14,133,872
<i>Funds Expended on Equipment—</i>			
Contributed from Accumulated Income	478,575		475,662
Donations for Equipment	(6) 1,203,413		902,602
Donations for Library	(7) 65,621		58,002
<i>Funds Provided by H.M. Government of S.A.—</i>			
Equipment and Furniture	3,054,834		2,629,260
Library	1,409,904		1,176,452
Equipment over \$10,000	170,417		134,538
<i>Funds Provided by Commonwealth Government—</i>			
Equipment and Furniture	370,107		148,404
Equipment over \$10,000	170,417		134,538
		6,923,288	5,659,458

WAITE AGRICULTURAL RESEARCH INSTITUTE—

Endowments—General	(8) 546,853		473,628
Endowments for Laboratories	(9) 70,000		70,000
Donations	(10) 560,631		367,152
Contributed from Accumulated Income	185,394		185,394
Unexpended Funds	(11) 177,574		215,612
Motor Vehicle Replacement Fund	15,103		11,354
<i>Funds Provided by H.M. Government of S.A.—</i>			
New East Wing	111,500		111,500
Library Building	35,000		30,000
Animal Pens	10,000		9,000
Glasshouses	13,997		13,000
Equipment	907,372		836,368
Research Equipment over \$10,000 ..	8,600		—
Library Books	142,050		125,100
Sub-Station	3,145		—
Central Animal House	24,500		24,500
Caretaker's Cottage	9,842		9,842
Sheep Pens	6,430		6,430
Martindale	19,727		—
<i>Grants by Commonwealth Government—</i>			
New Wing	19,204		19,204
New East Wing	111,500		111,500
Central Animal House	24,500		24,500
Library Building	35,000		30,000
Animal Pens	10,000		9,000
Glasshouses	13,997		13,000
Martindale	19,727		—
Research Equipment over \$10,000 ..	8,600		—
		3,090,246	2,696,084
Carried forward		24,427,779	22,489,414

OF ADELAIDE

Accounts as at 31st December, 1966

NORTH TERRACE

		ASSETS		
		Schedule	1966	1965
			\$	\$
Brought forward			14,414,245	14,133,872
<i>Equipment—</i>				
Equipment	..... (23)	5,265,481		3,948,022
Library Books and Binding	..... (24)	1,648,277		1,407,206
Furniture	..... (25)	9,530		304,230
			6,923,288	5,659,458

WAITE AGRICULTURAL RESEARCH INSTITUTE—

Electricity Trust Debentures	.....	136,943		96,834
Share and Stock Investments	..... (26)	15,098		8,974
Funds held by Trustees	..... (27)	230,208		230,208
Land, Urrbrae House	..... (28)	108,909		108,909
Buildings	..... (29)	930,442		817,367
Equipment and Furniture	..... (30)	1,404,167		1,208,370
Library	..... (31)	164,296		147,346
Current Balances—Cash, Debtors	..... (32)	36,913		78,076
Mortlock Experiment Land	63,270		—
			3,090,246	2,696,084

Carried forward		24,427,779	22,489,414
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THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES AND TRUSTS			
	<i>Schedule</i>	1966	1965
		\$	\$
Brought forward		24,427,779	22,489,414
<i>Anti-Cancer Foundation—</i>			
Lord Mayor's Cancer Appeal	\$267,071		
Less Deficit Incurred in 1966	21,939		
		245,132	267,072
A.A.E.C. Grant		4,000	4,000
Part of Special Grant by H.M. Government of S.A. towards Purchase of Linear Accelerator		32,000	32,000
Grant by H.M. 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	—
		408,757	430,420
		<u>\$24,836,536</u>	<u>\$22,919,834</u>

OF ADELAIDE

Accounts as at 31st December, 1966

		ASSETS		
		<i>Schedule</i>	1966	1965
		\$	\$	\$
Brought forward	... ..		24,427,779	22,489,414
<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		—
Current Account	..... ..	8,540		54,203
			408,757	430,420
			\$24,836,536	\$22,919,834

LIABILITIES AND TRUSTS

Contingent—

Requests 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 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. McLauchlin (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, 1966, 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, 1966

ASSETS

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 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 R. T. Melrose (Balance)
 Estate of Late W. H. Sandland (Balance)
 Estate of Late F. G. McLauchlin (Balance)

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.
 Adelaide, 9th May, 1967. SPRY, WALKER & CO., Chartered Accountants.

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966

LIABILITIES AND TRUSTS

		\$	\$
1. <i>Endowments—General—</i>			
NORTH TERRACE			
Sir George Murray (for General Purposes)		173,534	
Less Transferred to Equipment		1,000	
		<u>172,534</u>	
Miss M. T. Murray (for General Purposes)			172,534
Sir Thomas Elder (for Medical School)			106,615
Sir Thomas Elder (for General Purposes)			60,000
Sir Thomas Elder (for Music School)			51,200
Sir Thomas Elder (for Mathematics and Natural Science)			40,000
Sir Walter Watson Hughes (for Classics and Philosophy)		40,000	
		<u>40,000</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)			207,832
T. E. Barr Smith (for Library Building)			69,437
T. E. Barr Smith (for Library Fund)			20,000
T. E. Barr Smith (for Scholarship in Agricultural Science)			27,750
Barr Smith Library Fund—No. 1 Account			22,000
Barr Smith Library Fund—No. 2 Account			18,212
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>	
			24,000
Mrs. G. A. Jury (for Chair in English Literature)			24,000
R. L. Johnson (for Chemical Laboratory)			12,000
J. H. Angas (for Chair in Chemistry)			8,000
J. H. Angas (for Engineering Scholarship)			30,000
Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy)			30,000
For Chairs in Engineering—			
Broken Hill Pty. Co. Ltd.		10,000	
General Motors-Holden's Ltd.		10,000	
Adelaide Electric Supply Co. Ltd.		10,000	
Sir Edward Holden		5,000	
Tenax Investments Ltd.		5,000	
Richards Industries Ltd.		4,000	
British Tube Mills (Aust.) Pty. Ltd.		4,000	
Kelvinator Australia Ltd.		2,000	
		<u>50,000</u>	
			2,215,029
Carried forward			<u>2,215,029</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$
Brought forward		2,215,029
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd.	36,539	
Broken Hill Pty. Co. Ltd. ...	20,879	
Broken Hill South Ltd.	20,879	
Zinc Corporation Ltd.	20,879	
New Broken Hill Consolidated Ltd.	5,220	
	<hr/>	104,396
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		11,165
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		6,800
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		4,000
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)		3,781
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 Scholarships Fund		2,472
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
John L. Young Scholarship Fund		2,000
Shorney Prize and Medal Fund		2,000
Selbourne Moutray Russell Scholarship Fund		2,000
Varley Scholarship Fund		2,000
		<hr/>
Carried forward		2,592,042

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$
Brought forward		2,592,042
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 Scholarship 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. Croscombe	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	
R. A. James	108	
	-----	165,952
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 O. Williams Memorial Fund		1,000
Lineau Scholarship Fund		1,000
Edith Hubbe and Harriett Cook Prize Fund		1,000
Lucy Josephine Bagot Prize Fund		1,000
Sir Archibald Strong Memorial Prize		1,000
Gladys Lloyd Thomas Scholarship Fund		1,000
C. and J. Campbell Prize Fund		1,000
Maude Puddy Scholarship Fund		1,000
Rutter Jewell-Thomas Prize Fund		1,000
Guli Magarey Scholarship Fund		1,000
Carried forward		2,803,826

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$
Brought forward	2,803,826
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	635
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	600
Ruby C. Davy Prize Fund	600
Weimar-Ohlstrom Prizes Fund	600
William Culross 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	260
J. B. Cleland Prize Fund	260
Andrew Scott Prize Fund	230
Hope Crampton Prize Fund	212
A. Grenfell Price Prize Fund	220
Tennyson Medals Fund	200
N. Stannus Gunning Fund	200
Professor J. H. B. Tew Prize Fund	200
C. Fenner Prize	200
Florence Cooke Violin Prize Fund	200
Professor J. R. Wilton Prize Fund	200
Archibald Mackie Bursary Fund	200
Lister Prize Fund	200
United Nations Prize Fund	200
Hardwicke College Prize Fund	200
Lokan Prize Fund	200
Thomas L. Borthwick Prize Fund	200
Robert Whinham Prize Fund	169
Kate Helen Weston Fund	135
Tate Memorial Medal Fund	120
Hughes Statue Maintenance Fund	100
Carried forward	2,828,989

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$
Brought forward		2,828,989
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>\$2,871,569</u>
2. <i>Grants and Donations for University Site—</i>		
Land Endowment	10,000	
Special Donations for Fences and Gates—		
R. Barr Smith	800	
Hon. Sir John Duncan	500	
W. H. Duncan	}	
Sir Walter Young	2,000	
	<u>3,300</u>	
Sir William Mitchell		1,752
Special Donations for other Improvements—		
Misses Eva and Lily Waite	4,500	
Hon. Sir George Murray	4,000	
	<u>8,500</u>	
		<u>\$23,552</u>
3. <i>Scholarship Funds—</i>		
Barr Smith Prize		31
James Gartrell Prize		59
John Howard Clarke Prize Fund		457
Tormore Prize		46
Byard Prize		47
Sir Archibald Strong Memorial Prize		593
Edith Hubbe and Harriet Cook Prize		370
Bunday Prize Fund		169
M. Rees George Memorial Prize		152
Hope Crampton Prize		5
Violet de Mole Prize		535
Weimar-Ohlstrom Prizes		39
A. J. Schulz Prizes		656
Fred Johns Scholarship		4,689
Tinline Scholarship		170
Natalia Davies Prize		34
Jefferis Memorial Medal		85
Australian Psychological Society Prize		10
Anna Florence Booth Prize		706
Charles Fenner Prize		16
Sir Archibald Grenfell Prize		23
New Education Fellowship Prize		131
Edith Puddy Prize		4
Gavin David Young Lectureship		997
Ernest Ayers Scholarship		1,874
John Bagot Scholarship		1,341
Elsie Marion Cornish Prize		196
J. G. Wood Memorial Scholarship		127
Rennie Scholarship		135
Tate Memorial Medal		52
James Barrans Scholarship		778
J. R. Wilton Prize		29
Sir Ronald Fisher Prize		33
Sir Ronald Fisher Memorial Scholarship		16
C.S.R. Chemicals Prize		100
R. K. Morton Scholarship in Biochemistry		8
	<u>14,713</u>	
Carried forward		14,713

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$
Brought forward	14,713	
D. B. Adam Memorial Prize	135	
T. E. Barr-Smith Travelling Scholarship ..	1,989	
R. K. Morton Scholarship in Agricultural Biochemistry	8	
Angas Engineering Scholarships	150	
Sir Robert Chapman Prize	59	
Lokan Prize	55	
E. V. Clarke Prize	230	
Gerard Prize	42	
Sir William Goodman Scholarship	1,206	
Rutter Jewell-Thomas Medal and Prize ..	449	
Esso Standard Oil (Aust.) Pty. Ltd. Prize	60	
R. W. Bennett Prizes and Medals	185	
Angas Parsons Prize	490	
Justin Skipper Prize	132	
Thomas Gepp Prize	148	
Roy Frisby Smith Prize	80	
Baker Scholarship	1,983	
Sir Hugh Cairns Memorial Prize	486	
C. and J. Campbell Prize	110	
Herbert John Wilkinson Memorial Prize ..	404	
Dr. Davies-Thomas Scholarship	35	
J. B. Cleland Prize	19	
T. L. Borthwick Prize	27	
Archibald Watson Prize	26	
Dr. Charles Gosse Lectureship	1,438	
Everard Scholarship	105	
Lister Prize	15	
Shorney Prize	508	
Ruth Heighway Memorial Prize	44	
Bertha H. Sudholz Scholarship	1,175	
T. G. Wilson Travelling Scholarship	1,320	
John Barker Scholarship	1,494	
Keith Sheridan Prizes	506	
Thos. D. Hannon Prize	107	
Dental Board of S.A. Prize	51	
Malcolm Joyner Prize	21	
Austin Bazeley Prize	497	
Professor J. H. B. Tew Prize	21	
John Lorenzo Young Scholarship	462	
John Creswell Scholarship	930	
George Thompson Bursary	129	
Archibald MacKie Bursary	103	
Joseph Fisher Medal and Lecture	99	
Kenneth and Hazel Milne Travelling Scholarship	2,820	
James Hardie Prize	100	
South Australian Gas Company Prize	100	
Clive E. Boyce Scholarship	1,071	
Chapman Memorial Scholarship	1,054	
Wm. Donnithorne Award	879	
Ballieu Research Scholarship	5,128	
David Murray Scholarship	3,664	
John L. Young Scholarship	1,310	
St. Alban Scholarship	76	
United Nations Prize	418	
Hartley Studentship	28	
William Culross Prize	40	
Thornber Bursary	124	
Way College Old Collegians' Prize	44	
Carried forward	49,102	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$
Brought forward	49,102	
Tennyson Medal	8	
Hardwicke College Prize	29	
Annie Montgomerie Martin Prize	33	
J. E. Jenkins Scholarship	2,068	
Eva Lines Memorial Scholarship	294	
E. W. Way Lectureship	286	
Alexander Clark Memorial Prize	250	
Eugene Alderman Scholarship	195	
Selbourne Moutray Russell Scholarship	671	
Lucy Josephine Bagot Prize	113	
J. Varley Scholarship	653	
Anders and Reimers Scholarship	815	
Robert Whinham Prize	42	
Gladys Lloyd Thomas Scholarship	198	
E. Harold Davies Scholarship	207	
Florence Cooke Prize	72	
Dr. Ruby Davy Scholarship	341	
Guli Magarey Scholarship	50	
Frederick Bevan Memorial Scholarship	372	
Elder Overseas Scholarship	1,175	
Maude Puddy Scholarship	295	
Athol Lykke Award	1,524	
Lienau Prize	210	
Clement O. Williams Memorial Prize	86	
William Silver Scholarship	70	
Mrs. Arno Pontt Scholarship	52	
Norman Chinner Scholarship	60	
	<u>59,271</u>	

4. *Library Funds—*

T. E. Barr Smith Endowment Income	6,489	
Sir William Mitchell Endowment Income	3,043	
Elizabeth Jackson Fund Income	581	
A.M.A. Library	2,409	
A. M. Simpson Library Income	568	
Kate Helen Weston Library	64	
Australian Dental Association Library	976	
Herbert Shorney Memorial Library	214	
Library Deposits	8,848	
Australian Petroleum Exploration Association Limited—Donation	243	
Sir Mark Mitchell—Periodicals Income	125	
Australian Association of Psychiatrists Grant to Medical Library	16	
S.A. Brewing Company for Department of Microbiology Library	257	
Australian Physiotherapy Association— Library	962	
Collegiate School of St. Peter Library Grant	12	
Viscount Dunrossil Memorial Library	144	
J. F. Hawker Bequest Library	278	
Enterprise Development Association Library	310	
Australian Planning Institute—Gift for Purchase of Books	824	
American Council of Learned Societies Grant—Library	18,121	
	<u>44,484</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1966—Continued

5. Special Funds—	\$	\$	\$
<i>Consulting and Research Funds—</i>			
Electrical Engineering—Consulting Fees ...	1		
Civil Engineering—Donations for Concrete Research	512		
Illuminating Engineering Society Grant ...	30		
Grant for Latitude Observations ...	16		
Animal Products Research Foundation	6,960		
Geology Department Consulting Fund ...	615		
Pipe Transmission Line Structure ...	20		
Economic Geology—Consulting Fund ...	1,767		
Consulting Fund—Physical and Inorganic Chemistry	94		
Consulting Fund—Civil Engineering	11,579		
Organic Chemistry—Research Fund	3,637		
Mechanical Engineering Research Fund	25		
Consulting Fees—Economics	187		
Child Health Research Fund	2,999		
Mechanical Engineering Consulting Fund ...	3,243		
Speech Bandwidth Compression Equipment Grant—P.M.G. Department ...	2,500		
Consulting Fund—Child Health	1,219		
Computing Centre Consulting Fund	417		
Mental Health Research Fund ...	101		
Animal Ecology Research Fund ...	200		
Health Service—Consulting Fees	39		
Biopsy Fees—Dental	188		
Mineralogy—Consulting Fund	60		
Obstetrics and Gynaecology—Endocrine Project	3,455		
Physiology Testing Fees	157		
Commerce Consulting Fund	167		
Special Fund—Botany	1,252		
Traffic Dynamics Fund	1,168		
Architecture—Consulting Fund	9		
Highways Department—Model Fund—Civil Engineering	139		
	-----	42,756	
<i>Anthropological Research Funds—</i>			
General Account	690		
Mr. Mountford	2,158		
Anthropological Research—Strehlow	215		
Professor A. A. Abbie	2,528		
Australian Institute of Aboriginal Studies Grant Dr. Ellis	425		
Australian Institute of Aboriginal Studies Grant—M. Barrett	14		
Australian Institute of Aboriginal Studies Grant—Strehlow	520		
Australian Institute of Aboriginal Studies Grant—C. P. Mountford	312		
Australian Institute of Aboriginal Studies Grant—Professor Abbie	2,108		
Australian Institute of Aboriginal Studies Grant—Miss E. Treagus	92		
	-----	9,062	
<i>Medical Research Funds—</i>			
The Gwen Michell Foundation for Medical Research	57,726		
The Gwen Michell Foundation Reserve for Fluctuation of Shares	1,432		
Carried forward	59,158	51,818	-----

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
Brought forward	59,158	51,818	
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. H. M. Newland	10		
Donation for Virus Investigations— Medical School	200		
S. McGregor Reid	9,832		
S. McGregor Reid—Reserve for Fluctuation of Shares	1,326		
J. B. Reid—Reserve for Fluctuation of Shares	58		
Reginald Walker Estate	8,482		
Lady Barr Smith Memorial Fund for Cancer Research	6,275		
		85,850	
<i>Special Purpose Funds—</i>			
British Commonwealth Sponsored Overseas Scholarships	3,881		
Anonymous Donation—Clinical Medicine ..	3,194		
Donation for Equipment—Dental School ..	50		
Elder Conservatorium—Donation for Purchase of Gramophone	329		
Commonwealth Postgraduate Scholarships Accumulation Fund	42,120		
Australian Society of Accountants’ Lecture	390		
Bonython Hall Maintenance	411		
Permanent Orchestra Fund	2,410		
Rose Grainger Orchestral Fund	2,589		
Students’ Loan Fund	736		
Conservatorium Students’ Fund	1,117		
Board of Social Studies—Students’ Fund ..	534		
Shaughnessy Endowment Income	50		
Hughes Statue Maintenance Fund	109		
Reiman Memorial Fund	3		
Robin Memorial Lecture Fund Income	326		
Joseph Verco Memorial	6		
Sheridan Family Grave Maintenance Account	315		
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	531		
Radioisotope Fund	308		
Donation towards Chair of Microbiology ..	600		
Donations—Chair of Mental Health	400		
Donations for the Maude Puddy Library ..	2		
The McGregor Fund	6,283		
A. M. Barnes—Income	6,230		
Anonymous Donation—Medical School	63,615		
Publications Fund	3,273		
Professor Smart’s Monograph	396		
Publications Account—“Paradise of Dissent”	1,475		
Carried forward	142,154	137,668	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	142,154	137,668	
Dr. L. Houssiadas—Monograph— Perception of Causality	588		
Donations for Purchase of Codex Manesse	140		
Australian Journal of Experimental Biology and Medical Science	7,619		
J. A. Bonnin Cup—Income	126		
C.S.I.R.O. Special Grant—Zoology	2,625		
Colgate-Palmolive—Donation to Establish Readership in Preventive Dentistry ..	8,155		
Elder Conservatorium Special Fund	632		
Physical Education Research Fund	105		
University Music Society Fund	2,639		
N. Stannus Gunning Endowment—Income	7		
Microscope Fund—Geology	139		
John F. Kennedy Memorial Fund Appeal	3,946		
Geigy (A/sia) Pty. Ltd.—Donation for Furniture and Equipment—Pathology	16		
Dental Board of S.A.—Donation for Dentistry Equipment	97		
Geology in Service Course	9		
Donation—Geigy—Medicine	15		
Bequest to Anatomy Department	100		
Car Parking Fees	9,325		
Donations—Forbes Research—Medicine	715		
C.D.C. Computer Income	8,010		
	<u>187,162</u>		
<i>Provisions—</i>			
Surplus Proceeds Sales of Shares for Building Purposes	22,949		
Reserve for Fluctuation of Shares— G. Collin Estate	1,466		
Reserve for Fluctuation of Shares— A. M. Barnes Estate	6,217		
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		
Realization of Obsolete and Surplus Equipment—			
Physical Chemistry	301		
General	4,340		
Pathology	186		
Medicine	2,878		
Chemical Engineering	3,254		
Maintenance Workshop	72		
Physics	1,018		
Physiology	350		
Microbiology	539		
Geology	587		
Gardeners	62		
Economics	218		
Dentistry	185		
Medical School	73		
Mechanical Engineering	340		
Genetics	706		
Conservatorium	297		
Carried forward	48,171	324,830	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	48,171	324,830	
Zoology	5,610		
Computing Centre	900		
Mawson Institute	174		
Geography	50		
Electrical Engineering	181		
Provision for Realization of Investment Properties	109,878		
Provision for Laboratory Space for Microscope Workshop	1,000		
Adult Education Motor Vehicle Replacement Fund	1,208		
Reserve for Civil Engineering Special Equipment	25,185		
Provision for Purchase of Special Equipment for Testing Concrete	2,890		
Funds for Purchase of Computing Equipment	2,000		
		197,247	
<i>Research Grants—</i>			
Commonwealth Grant for Australian Literature	220		
C.S.I.R.O. Radio Research Board	4,381		
N.H.M.R.C. Grant-in-Aid—Child Health ..	38		
Estate of the Late Mrs. P. M. Bowling—Physiology	1,274		
Estate of the Late Mrs. P. M. Bowling—Medicine	14		
I.C.I. of A.N.Z. Research Fellowship	375		
Sandoz Ltd.—Grant for Research in Department of Obstetrics	1,443		
Australian Atomic Energy Commission—			
Studentship (Matthews)	14		
Studentship (Haskard)	31		
Studentship (Weller)	1		
Studentship (Cattrall)	1		
Studentship (Potter) ..	136		
Department of Civil Aviation	609		
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		
C.S.I.R.O. Grant—Physiology of Native Mammals	31		
Glaxo Laboratories—Grant to Microbiology	1,082		
U.S. Public Health Service Grant to Microbiology	327		
American Petroleum Institute Grant to Geology	1,067		
S.A. Fishermen's Co-op. Ltd.—Grant for Research on Crayfish	122		
Nuffield Foundation Grant—Microbiology ..	2,723		
Wellcome Fund—Microbiology	11		
Ciba Co. Pty. Ltd. Grant to Department of Child Health	370		
Carried forward	15,954	522,077	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	15,954	522,077	
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Physiology and Pharmacology	8		
A.I.N.S.E. Grant—			
Dr. Kennedy	197		
Dr. Medlin	600		
Physical Chemistry—Dr. G. S. Laurence	1,535		
H. S. Green	8,298		
Professor Jordan	392		
Professor Carver	25		
Postdoctoral Fellowship (Collishaw) ...	47		
Physical Chemistry—Professor Stranks Physical and Inorganic Chemistry— Cattrell	208		
Chemical Engineering—Dolan	84		
Physical and Inorganic Chemistry— Professor Jordan	1,784		
Physical and Inorganic Chemistry— Professor Stranks	334		
Australian Institute of Nuclear Science and Engineering—Physics and Physical Chemistry	587		
G. D. Searle and Co.—Grant to Obstetrics	26		
Australian External Affairs—Antarctic Division Grant (Botany)	1,176		
United States Department of Health, Education and Welfare—Child Health—Professor Maxwell	8		
C.S.R. Co.—Grant to Mining and Metallurgy	424		
National Heart Foundation of Australia Grant—Physiology (Day)	25		
National Heart Foundation of Australia Grant—Physiology (Mashford)	67		
National Heart Foundation (S.A.) Fellowship—Hanna	268		
National Heart Foundation of Australia —Grant to Genetics	1,240		
Irrigation Research—Civil Engineering	3		
Prime Minister's Department—Grant for Publication of B.A.N.Z.A.R.E. Reports	2,266		
Reserve Bank—Rural Credits Fund— Econometric Analysis of the Structure of the Market for Australian Wool— Economics	777		
Reserve Bank—Economic and Finance Research Fund—The Australian Labour Market	3,706		
Australian Road Research Board— Mathematics	276		
National Heart Foundation—Zoology	1,179		
National Heart Foundation Fellowship— Hodge	112		
Wool Research Committee and S.A. Wheat Research Committee—Grant—Zoology ...	17		
Nuffield Foundation Grant—Department of Geology—Petrology of the Giles Complex	808		
	252		
Carried forward	42,683	522,077	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	42,683	522,077	\$
United States Public Health Service— Psychology—Dr. P. Glow	62		
Philips Electrical Industries Pty. Ltd.— Research Grant Physics—Dr. Laurance	301		
Washington State University Grant— Botany	2		
Commonwealth Wheat Fund—Biochemistry	479		
Nuffield Foundation Grant—Biochemistry	527		
C.S.I.R.O. Grant—Botany	895		
Economic and Financial Research Fund	843		
Rural Credits Development Fund— Biochemistry	1,034		
National Heart Foundation of Australia— Grant—Biochemistry	61		
Rothmans Junior Fellowship—Genetics	3,029		
U.S.P.H.S. Grant—Dental	1,083		
Department of Territories Grant— Medicine—Goitre Research	593		
William S. Merrell Co. Grant—Child Health	1,952		
Wool Research—Biochemistry	2,311		
National Heart Foundation—Grant Surgery	38		
Philips Electrical Industries Grant— Electrical Engineering	500		
Science and Industry Endowment Fund— Solomon Island Expedition Fund Grant	19		
National Heart Foundation—Physiology— Speden	5		
Rural Credits Development Fund Grant— Kangaroo Island Wallaby—Zoology	2		
United States Air Force Grant—Buckland Park Project	367		
Upjohn Pty. Ltd.—Obstetrics	630		
Rural Credits Development Fund Grant— Mechanical Engineering	1,132		
Commonwealth Wheat Studentships— Biochemistry	600		
Rural Credits Development Fund Grants— Ecology of Cattle Grazing Land— Botany	3,444		
Rural Credits Development Fund Grants— Parasitic Nematodes—Zoology	2,074		
Rothmans Junior Fellowship—Physical Chemistry—Dr. M. G. Adamson	1,828		
E. R. Squibb and Sons Grant—Child Health	250		
Queen Elizabeth II Fellowship—Surgery	638		
Queen Elizabeth II Fellowship—Organic Chemistry	178		
Social Science Research Council— Aborigines Project—Social Studies	340		
Adelaide Children's Hospital Grant—Child Health—Dr. R. B. Elliott	1,981		
Adelaide Children's Hospital Grant—Child Health—Dr. T. A. R. Dinning	200		
Rothmans Fellowship Grant—Mathematical Physics—Dr. Smith	3,561		
Queen Elizabeth II Fellowship— Biochemistry—Wells	350		
Carried forward	73,992	522,077	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1966 – Continued

	\$	\$	\$
Brought forward	73,992	522,077	
Broken Hill Mining Managers Association Fund—Economic Geology—O'Driscoll ..	1,808		
Nuffield Foundation Grant—Organic Chemistry—Professor Beckwith	6,064		
Control Data Postgraduate Research Fellowships	547		
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		
Reserve Bank—Economic and Financial Research Fund—Investigation into Australian Transport Industry	865		
American Chemical Society Grant— Precambrian Fossils	2,109		
United States Air Force Grant—Physics— Atomic and Molecular Photodisintegration	4,244		
United States Public Health Service Grant— Microbiology—Hill	132		
Roche Products Pty. Ltd. Grant— Physiology—Research on Blood Vessels	5,000		
Leverhulme Visiting Fellowships ..	4,417		
"House Foundations" Civil Engineering	5,515		
Nuffield Foundation Grant—Elder Conservatorium—Dr. McCredie ..	600		
Nuffield Foundation Grant—Physical Chemistry—Professor Stranks	3,980		
United States Public Health Service Grant— Physiology—Dr. Day	1,807		
Overseas Propagation Study—Electrical Engineering	5,097		
Esso Exploration Australia Inc.—Economic Geology	1,010		
Adelaide Children's Hospital—Child Health—Savage	1,302		
Adelaide Children's Hospital—Child Health—Lines	1,166		
Queen Elizabeth II Fellowship—Organic Chemistry—Brown	2,690		
Australian Wool Board Postgraduate Scholarship—Biochemistry	533		
	<hr/>	123,921	
<i>Australian Research Grants Committee—</i>			
History—J. Gilchrist	468		
" L. Glow, C. F. Rudè, A. Sykes ..	1,544		
Psychology—S. H. Lovibond	1,378		
History—A. W. Martin	635		
Psychology—P. Glow	56		
History—T. Wilson	146		
Music—C. J. Ellis	120		
Physical Chemistry—S. W. Kennedy	19,707		
Geology—Von Der Borch	208		
" R. L. Oliver	320		
Mathematical Physics—H. S. Green	6,982		
	<hr/>		
Carried forward	31,564	645,998	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	31,564	645,998	
Physics—E. H. Medlin and S. G. Tomlin ...	61		
" J. H. Carver	1,249		
" J. H. Carver	1,520		
" B. H. Briggs and W. G. Elford ...	6,426		
Geology—M. F. Glaessner	1,361		
Physical Chemistry—D. R. Stranks	1,207		
" " T. M. Spotswood	1,100		
" " D. O. Jordan	421		
" " J. C. Sheldon	111		
" " T. Kurucsev	354		
" " P. E. M. Allen	144		
Organic Chemistry—A. L. J. Beckwith	14,988		
Physical Chemistry—R. B. Inman	114		
Organic Chemistry—G. E. Lewis	3,192		
" " R. H. Prager	2,925		
Physical Chemistry—P. E. M. Allen	213		
Organic Chemistry—A. L. J. Beckwith	658		
Zoology—J. R. Casley-Smith	355		
Botany—R. F. M. Van Steveninck	1,230		
" P. G. Martin	1,029		
" M. G. Pitman	1		
Microbiology—D. Rowley	139		
Zoology—H. G. Andrewartha	1,145		
Child Health—R. B. Elliott	123		
Physiology—R. F. Whelan	2,984		
Medicine—P. S. Davis	2,302		
Biochemistry—D. B. Keech	799		
" W. H. Elliott	5,979		
" R. H. Symons	142		
Botany—R. N. Robertson	352		
Geography—N. M. Wace	400		
Civil Engineering—G. Sved	16,500		
Mechanical Engineering—J. Mannam	483		
Genetics—G. R. Fraser	1,226		
	<u>102,797</u>		
<i>Sundry Balances—</i>			
Graduates' Union Fund (Capital			
Donations)	358		
Sundry Donations	380		
Broken Hill Smelters—Donation	125		
Joint Colleges Appeal Fund	10		
Insurance Deposits	32		
C.I.G. (Sth Aust.) Ltd.	22		
Constance Fraser Income	2,460		
Civil Engineering Notebook	123		
Australian Humanities	200		
Adelaide University Union—Deposit	160,000		
Rockefeller Foundation—Donation for			
General Purposes	538		
Anti-Cancer Foundation	8,541		
Public Examinations in Music	43,301		
George Gollin Estate—Income	15,541		
Victoria Drive Fence—Fund for			
Maintenance	70		
Sale of Furniture—Vice-Chancellor's			
House	33		
Key Deposits—Physical Chemistry	48		
Diploma in Physical Education	6,273		
Chemistry Laboratory Deposits	36		
Carried forward	<u>238,091</u>	<u>748,795</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	238,091	748,795	
Professor Mitchell's Book Account	559		
Weapons Research Establishment— Mathematics Department	220		
Enuresis Patent	3,232		
Donation to Dental Department for Photographic Experiments	120		
Australian Music Library Donations	367		
Outstanding Accounts—Workshops	1,836		
Australian Economic Papers	2,491		
Computing Centre Fortran Fund	150		
Woodville Spastic Home	213		
Donations University Squash Rackets Club	20		
Biochemistry Symposium	2		
English Department—Study of Poetry Seminar	520		
English Department—Southern Review	1,246		
C.S.I.R.O. Grant for Animal Ecology Research	3		
Motors Limited—Donation for Economics Department	49		
Postgraduate Committee in Medicine— Accumulated Income	2,740		
Postgraduate Committee in Dentistry	1,885		
H.M. Government Advance for Fees Relief	40,883		
Appointments Board—Entertainment Fund	171		
Retiring Gratuity—H. O'Goerk	2,302		
Refund on Medical School Equipment	113		
Departmental Salaries—Adjustment Account	22,443		
Donations for Works of Art	2,868		
Oral Hygiene Service—Donation—Dental Science	100		
Computing Science Fund (for Equipment)	1,230		
English Novel Seminar	303		
Locker Key Deposits—Law Department	153		
Retiring Gratuity—C. R. Badenoch	2,270		
Retiring Gratuity—Mrs. C. Gray	1,627		
Postgraduate Foundation in Medicine	21,316		
Physics Special Account	853		
Donation towards Chair of Architecture	971		
Xerox Copying—Income	4,894		
Professor John Bishop Memorial Fund	10,375		
Rosemary Bor Fund	1,742		
Kappa Kappa Kappa Inc.—Donation to Dental School	1,679		
Insurance Refund—Darling Building	280		
Insurance Refund—Medicine	7		
Insurance Refund—Physics	40		
Special Fund—Psychology	5,063		
Oliver, R. L.	220		
Education Department	2,321		
S.A. Association for Mental Health	6,000		
Flinders University—Recurrent Balance	67,957		
Kathleen Lumley College	28,700		
	480,625		
		\$1,229,420	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
6. Donations for Equipment—			
Sir George Murray		1,000	
Anonymous Donation—Staff Common Room		2,013	
R. Barr Smith		2,020	
Carnegie Corporation Books		11,934	
Pharmaceutical Society of S.A.		1,436	
Department of Commerce—Advance for Equipment		1,505	
Damon Runyan Memorial Fund		4,960	
Commonwealth Postgraduate Scholarships ..		19,138	
N.H.M.R.C.		37,203	
Medical Research Committee		95,892	
Anti-Cancer Foundation		25,471	
Engineering Testing Fees		14,588	
Civil Engineering Special Fund		19,782	
Consulting Fees—Electrical Engineering ..		216	
For Chemical Engineering Department—			
Broken Hill Pty. Ltd.	10,000		
Electrolytic Zinc Co. of Aust. Ltd.	10,000		
North Broken Hill Ltd.	8,000		
Broken Hill South Ltd.	8,000		
Zinc Corporation Ltd.	8,000		
Imperial Chemical Ind. Ltd.	2,000		
Power Plant Ltd., Malcolm Moore, Esq.	400		
Power Plant Ltd.	800		
Aberfoyle Tin N.L.	500		
King Island Scheelite Ltd.	200		
	-----	47,900	
Civil Engineering Consulting Fund		3,100	
Donation for Equipment—Department of Geology		6,212	
Mechanical Engineering Consulting Fund ..		638	
Clinical Medicine Donation		24,573	
Department of Civil Aviation—			
Electronic Research		3,044	
Rockefeller Grant—Biochemistry		6,200	
Mechanical Engineering Consulting Fund ..		2,490	
S.A. Tuberculosis Association—Donation for Equipment—Physiology		719	
York Theatre Ltd.—Donation for Projection Equipment		3,000	
Radio Isotopes Course		254	
Aeromedical Research		23,687	
Michell Research		6,866	
C.S.I.R.O. Grant for Capital Expenditure—Animal Ecology		531	
Rural Credits Development Fund Grant For Zoology		13,829	
Rural Credits Development Fund— Fruit Fly		2,137	
Nuffield Foundation Grant for Inorganic Chemistry		13,000	
Rockefeller Foundation Grant for Organic Chemistry		13,410	
Motors Limited, Donation for Economics Department		3,951	
Radio Research Board		32,354	
Electrical Research Board		640	
Postgraduate Medicine		240	
Wolfson Foundation		2,902	
Carried forward		-----	448,835

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward		448,835	
J. M. Black—Botany Department		200	
Electronic Organ—Bonython Hall		4,700	
Graduates' Union		1,869	
Australian Atomic Energy Commission		12,556	
U.S. Public Health Service		99,822	
Sandoz Grant—Obstetrics		168	
C.S.I.R.O. Native Mammals		138	
H.M. Government of S.A. Grant for Equipment		2,691	
Special Grant for Equipment—Chemistry Department		6,959	
G.M.H. Postgraduate Fellowship		1,361	
Life Insurance Medical Research Fund of Australia and New Zealand		9,824	
Elder Conservatorium Bergonzi Viola Fund		2,089	
Geology Consulting Fund		1,137	
Organic Chemistry Research Fund		4,174	
Funds for Special Equipment—Pathology		368	
Public Examinations Board		26,555	
Public Examinations in Music		12,381	
Rockefeller Grant—Physical Chemistry		17,799	
Rockefeller Grant—Zoology		5,249	
Amsler Press		13,110	
E.T.S.A. Dynamic Network Analyser		60,941	
Cirrus Computer—Electrical Engineering		26,362	
Rockefeller Fund for Kuru Research		3,432	
American Petroleum Institute		3,469	
General Motors—Holden's Donation— Mechanical Engineering		354	
United States Navy Grant—Mechanical Engineering		719	
Geigy (A/sia) Pty. Ltd. Donation		604	
S.A. Fishermen's Co-op. Ltd.		873	
Upjohn Pty. Ltd.—Grant to Department of Obstetrics		4,233	
The Nestle Co. (Aust.) Ltd.		143	
Wool Research Committee—Kangaroo Island Wallaby		2,900	
C.S.R. Grant		1,106	
Coitre Research—Medicine		1,909	
Clarence River Basin Exploration Co. N.L.		600	
Smith, Kline and French Laboratories		70	
Nuffield Foundation		6,149	
Henderson Memorial Fund		532	
Wellcome Fund—Microbiology		2,267	
Rockefeller Foundation Grant—Organic Chemistry Department		5,317	
Donation for Optical Rotatory Dispersion Apparatus—Organic Chemistry Department		1,100	
Rockefeller Foundation Grant—Research in Molecular Structure—Physics Department		3,988	
W. R. E. Laser Research		10,583	
Economic Geology Special Fund		5,233	
Microscope Fund—Geology		422	
H. B. Selby Donation—Physical Chemistry		50	
Australian Institute of Nuclear Science and Engineering		25,821	
Carried forward		841,162	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward		841,162	
Australian Research Grants Committee ..		220,987	
Irrigation Research		10,696	
International Law Association		707	
Reserve Bank Grant—Australian Wool ..		332	
Australian Meat Research Committee— Zoology		1,835	
U.S. Air Force—Physics		2,810	
Washington State University—Botany ..		555	
Australian Dairy Produce Board		400	
Department of Supply—Physics		1,251	
Water Research Foundation		106	
C.S.I.R.O. Grant—Botany		3,156	
Rural Credit Development Fund— Biochemistry		4,023	
Rural Credit Development Fund— Mechanical Engineering		586	
C.S.R. Grant for Mining		1,600	
Colgate Palmolive Pty. Ltd.		3,050	
Precilia M. Bowling Bequest		2,866	
Myer Foundation		953	
National Heart Foundation		27,193	
Australian Road Research Board		3,068	
Computing Centre Consulting Fund		173	
Wool Research Committee and S.A. Wheat Research Council		691	
Philips Ltd.		2,504	
Australian Mineral Industries Research Association		162	
Commonwealth Wheat Industry Research Council		12,597	
Anthropological Research		373	
Child Health Consulting Fund		866	
Melbourne Cultural Centre		91	
Physiology Testing Fees		78	
Adelaide Children's Hospital Grant— Child Health		2,038	
Rothmans Junior Fellowship		1,802	
Autopsy Fees		2,584	
J. G. Wood Memorial Fund		154	
Wool Research—Zoology		2,767	
Wool Research—Economics		2,126	
G.M.H. Donation for Refrigerator		100	
Monsanto Chemicals—Grant Physical Chemistry		297	
U.S. Department of Commerce		30,000	
Commonwealth Sponsored Overseas Scholarships		3,743	
S.A. Brewing Co. Ltd.—Donations		700	
Philips Ltd.—Donations		320	
Microbiology Special Fund		2,431	
Wm. S. Merrell Co.		600	
Queen Elizabeth II Fellowship		338	
American Chemical Society		2,613	
Forbes Research Medicine		156	
University Music Society		1,786	
General Motors—Holden's		449	
Australian Journal of Experimental Biology and Medical Science		478	
Wool Research Committee—Biochemistry ..		2,200	
Esso Exploration Aust. Inc.		490	
Department of Supply Studentship		370	
		<u>\$1,203,413</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
7. Donations for Library—			
T. E. Barr Smith Library Fund		11,864	
Sir William Mitchell Library Fund		5,039	
Elizabeth Jackson Library Fund		2,730	
A.M.A. Library Fund		33,676	
A. M. Simpson Library Fund		1,984	
Kate Helen Weston Library Fund		25	
S.A. Tuberculosis Association Library Fund		2,154	
Herbert Shorney Memorial Library Fund ..		776	
Elizabeth Mills Library Fund		601	
Institute of Physics—Library Fund		116	
Australian Association of Psychiatrists Library Fund		69	
S.A. Brewing Co. Library Fund		740	
Australian Psysiotherapy Association Library Fund		605	
Georgina Mills Library Fund		540	
St. Peter's College Library Fund ..		199	
Adelaide University Film Society— Library Fund ..		59	
Australian Planning Institute—Library Fund		224	
American Council of Learned Societies Grant		4,220	
		<u>665,621</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE—

8. Endowments—General—

Peter Waite Endowment	200,061	
W. D. Grigg Estate—Endowment	47,473	
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	45,383	
Premiums on Conversion of Stock	3,356	
Mrs. D. Mortlock	20,209	
J. T. Mortlock Estate—Experiment Land ..	63,270	
		<u>\$546,853</u>

9. 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>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
10. <i>Donations—</i>			
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	
Rothman's Fellowship—Plant Physiology		1,674	
Wool Research Committee—Donations towards Insectary		4,141	
Donations for Insectary		2,340	
Rural Credits Development Fund—Grant for Equipment		64,021	
Donation towards Cost of Electron Microscope		39,955	
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	
Shell Chemical Co.—Postgraduate Scholarship for Nematology ..		342	
A.I.N.S.E. Grant for Equipment		1,666	
National Sirex Fund Committee—Equipment Fund		3,802	
Nuffield Foundation—Equipment Fund ..		701	
Contributions to Alterations to Buildings ..		3,000	
Anonymous Donation for Animal Science ..		9,371	
Australian Meat Research Committee Equipment Fund		27,299	
State Wheat Research Equipment Fund ..		22,212	
Barley Improvement Equipment Fund		20,550	
Wool Research Equipment Fund		48,828	
Commonwealth Wheat Research Equipment Fund		66,021	
Sulphur Institute Equipment Fund		620	
Sheep Account Equipment Fund		1,536	
Anonymous Donation for Mass Spectrometer		10,000	
Rockefeller Foundation—Equipment Fund ..		13,334	
Honey Board—Equipment Fund		162	
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	
A.A.E.C. Equipment Fund Plant Physiology		682	
Grant from University Union for Furnishing Students' Common Room ..		600	
Agriculture Department Equipment Fund ..		217	
Sirex Fund Contribution to Insectary		4,700	
U.S.P.H.S. Equipment Fund		19,932	
Queen Elizabeth II Scholarship Equipment Fund		16	
National Science Foundation Equipment Fund		10,000	
Carried forward		465,077	

THE UNIVERSITY OF ADELAIDE

Schedules -- Capital Accounts as at 31st December, 1966 -- Continued

	\$	\$	\$
Brought forward		465,077	
Commonwealth Development Bank Equipment Fund		5,007	
National Heart Foundation Equipment Fund		3,965	
Merck & Co. Equipment Fund		128	
Rockefeller Foundation Equipment Fund ..		1,398	
Australian Research Grants Committee Equipment Fund		28,465	
U.S. Surgeon General Equipment Fund ..		906	
Chilean Nitrate Equipment Fund		1,000	
Anonymous Donation for Animal Science Equipment Fund		629	
C.S.I.R.O. Claremont Orchard Equipment Fund		524	
Rural Credit Development Fund Agronomy Equipment Fund		3,565	
Rothmans Endowment Equipment Fund ..		397	
Rural Credits Development Fund Grant for Glasshouse Entomology		10,000	
Rural Credits Development Fund Grant for Field Laboratory Plant Pathology		39,170	
Bank of New South Wales--Contribution to Plant Pathology Field Laboratory ..		400	
		<u>560,631</u>	
11. Unexpended Balances and Grants--			
Mortlock Crop Account	2,343		
Mortlock Sheep Operating Account	6,174		
		<u>8,517</u>	
Lily Waite Estate--Income Account		1,990	
Reserve for Fluctuation of Shares-- Sandland		26	
Sheep Account		6,499	
Locker Deposits		8	
Rural Credits Development Fund Grant Insectary		2,800	
Salaries Adjustment		4,555	
Farm Fire Replacements		9,493	
Sale of Land		296	
Commonwealth Sponsored Overseas Scholarships		46	
Realization of Surplus Equipment		450	
C.S.I.R.O. Contribution to Development-- Claremont Orchard		2,476	
Research in Connection with Animals		200	
Parke Davis Grant		1,333	
Student Deposit		3	
Wool Research Fund		6,471	
George Aitken Pastoral Research Trust		23	
I.C.I. of A.N.Z. Grant for Research		15	
Barley Improvement Fund		5,462	
State Wheat Fund		284	
S.A. Fruitgrowers and Market Gardeners Association--Grant for Research in Peas		187	
Deciduous Tree Research		103	
Wool Research Fellowship--Grant-in-aid Wells		210	
		<u>51,447</u>	
Carried forward			

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1966 – Continued

	\$	\$	\$
Brought forward		51,447	
Wool Research Fellowship		41	
Commonwealth Department of Health Grant for Systematic Mycology		1,419	
Nuffield Foundation Grant for Entomology		1,519	
Grant for Research Sirex Wasp		3,740	
Australian Meat Research—Agronomy		19,286	
Merck and Co.—Grant for Gibberellin Testing on Grapes—Plant Physiology		5	
Rural Credits Development Fund— Controlled Environment Cabinets— Agronomy		1,322	
Sulphur Institute Grant to Agronomy		1,631	
Agricultural Department Grant-in-aid Seamark		73	
U.S. Surgeon General Grant—Animal Physiology		5,399	
Honey Board Grant		14,169	
Rockefeller Foundation Grant—Plant Pathology		40	
Rural Credits Development Fund Grant— Agricultural Biochemistry—Nitrogen Fixation		1,080	
Woods and Forests Department		886	
Commonwealth Wheat Research Studentship		4,995	
Commonwealth Industry Research Grant— Agricultural Biochemistry		400	
Commonwealth Development Bank Grant— Plant Physiology		615	
Rural Credits Development Fund Grant— Research Fellowship—Plant Pathology		6,290	
Rural Credits Development Fund— Animal Physiology		8,621	
Commonwealth Development Bank—Research Project on Red Scale—Entomology		6,658	
Nuffield Grant—Agricultural Biochemistry		6,908	
United States Public Health Service Grant— Entomology		644	
Rockefeller Foundation Grant— E. D. Carter—Study Leave		226	
Rural Credits Grant—Agronomy		3,208	
Borax Consolidated Ltd. Grant— Agricultural Biochemistry		1,000	
Wool Research Studentship—Animal Physiology—Peter		900	
Wool Research Studentship—Animal Physiology— Taplin		2,800	
Rothmans Junior Fellowship—Agricultural Biochemistry—W. Wallace		1,599	
A.R.G.C.— Agronomy—Barley		889	
Plant Pathology—Francki		14	
Plant Pathology—Flentje		454	
Animal Physiology—Macfarlane		1,092	
Agricultural Biochemistry—Greenland		1,561	
Carried forward		150,931	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward		150,931	
Agricultural Biochemistry—Nicholas ..		9,349	
Agronomy—Donald		1,455	
Agricultural Biochemistry—Tate		282	
Agronomy—Egan		1,616	
Animal Physiology—Seamark		617	
Animal Physiology—Seamark		25	
Plant Pathology—Warcup		4,379	
Plant Physiology—Paleg		8,920	
		<u>177,574</u>	<u>\$177,574</u>

ASSETS

NORTH TERRACE				\$	\$	\$
12. <i>Inscribed Stock—</i>						
Australian Consolidated Stock—						
4½%—15/11/68				400		
4½%—15/11/68				3,928		
5% —15/2/67				6,573		
5%—15/2/82				200		
5%—15/2/82				1,000		
5½%—15/8/70				800		
Australian Government Special Series "K"						
Bonds—						
4½-5%—1/1/72				6,000		
Commonwealth Government Inscribed						
Stock—						
5% —15/2/67				1,799		
Commonwealth Government Inscribed						
Stock—						
4½%—15/11/68				400		
Commonwealth Government Inscribed						
Stock—						
5½%—15/8/70				3,011		
Commonwealth Government Inscribed						
Stock—						
5%—15/5/84				35,558		
				<u>35,558</u>		<u>\$59,669</u>
13. <i>Electricity Trust Debentures—</i>						
5½% 1967				293,820		
5%—"B"—1969				10,920		
5½% 1973				440,000		
5% 1971				2,200		
5½% 1980				70,000		
5½% 1968				1,160		
5%—"B"—1969				1,140		
5½% 1967				3,700		
5% 1970				2,100		
5%—"B"—1969				187		
5½% 1967				1,990		
5% 1972				2,000		
5% 1967				8,000		
5½% 1968				2,900		
5% 1970				1,500		
5%—"B"—1969				220		
5% 1969				200		
Carried forward				<u>842,037</u>		

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

				\$	\$	\$
	Brought forward	.....	.....	842,037		
5%	1969	.....	.....	200		
5%	1970	.....	.....	40,000		
5%	1970	.....	.....	310		
				<u>882,547</u>		
Less	Transfer to Investment of Reserves	.....	.....	\$480,008		
	Transfer to Waite Institute	.....	.....	136,943		
				<u>616,951</u>		
					265,596	
<i>S.A. Gas Co. Bonds—</i>						
6%	1971	.....	.....	20,000		
5%	1975	.....	.....	1,000		
5%	1969	.....	.....	4,600		
5%	1969	.....	.....	5,600		
5%	1974	.....	.....	16,300		
4%	1968	.....	.....	100,000		
5%	1969	.....	.....	600		
5%	1973	.....	.....	200		
5%	1974	.....	.....	2,000		
5%	1980	.....	.....	200		
5%	1973	.....	.....	10,000		
5%	1976	.....	.....	10,000		
5%	1976	.....	.....	11,000		
5%	1976	.....	.....	40,000		
5%	1976	.....	.....	100,000		
5%	1975	.....	.....	307		
5%	1973	.....	.....	210		
				<u>322,017</u>		
<i>Shares—</i>						
	Share Investments	.....	.....	359,395		
	E. C. Hoare Bequest—Shares	.....	.....	4,734		
	Cellulose (Aust.) Ltd. (T. E. Barr Smith Travelling Scholarships)	.....	.....	27,750		
	Finance Corporation of Australia Ltd. (Athol Lykke Fund)	.....	.....	3,720		
	G. Michell—Shares in Companies	.....	.....	112,737		
	Weimar-Ohlstrom—S.A. Gas Co. Stock	.....	.....	600		
	A. M. Barnes Estate—Shares	.....	.....	9,812		
	S. McGregor Reid—Shares	.....	.....	49,984		
	Jean B. Reid—Shares	.....	.....	125,817		
	Reginald Walker Bequest—Shares	.....	.....	55,088		
	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	.....	.....	24,745		
	C.N.F. Unit Trust (Ronald Fisher Prize)	.....	.....	305		
	M. I. Hatwell Estate—Shares	.....	.....	7,216		
				<u>813,336</u>		
					<u>\$1,400,949</u>	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
14. <i>Buildings, Furniture and Fittings-</i>			
Bonython Hall		102,007	
Barr Smith Library		450,396	
Mitchell Building		128,429	
Physics Building		161,824	
Glasshouse-Department of Genetics		4,432	
Staff Club Building		51,967	
Prince of Wales Building		147,707	
Elder Conservatorium Building		70,674	
Darling Building		286,405	
Refectory Building, Offices, etc.	338,812		
Union Hall	245,448		
George Murray Building	23,086		
Lady Symon Building	19,000		
		<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		2,327	
Seismograph Vault at Cleve		3,522	
Prefabricated Hut and Fencing-			
St. Kilda		2,859	
University Maintenance Workshop		23,170	
New Glasshouse-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		4,831	
		<u>-----</u>	<u>\$9,432,605</u>
15. <i>Other Lands and Buildings-</i>			
Landed Estate-Northern Territory		318	
Land Adjacent to Flinders University		161,600	
Martindale Hall and Land		60,866	
<i>MacKinnon Parade and Finniss Street Properties-</i>			
119-120 MacKinnon Parade, North Adelaide			
105 MacKinnon Parade, North Adelaide			
116-117 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			
121 MacKinnon Parade, North Adelaide			
Carried forward		<u>222,784</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1966 – Continued

	\$	\$	\$
Brought forward		222,784	
77-79 Finnis Street, North Adelaide			
73 Finnis Street, North Adelaide			
83 Finnis Street, North Adelaide			
93 Finnis Street, North Adelaide			
89 Finnis Street, North Adelaide			
85 Finnis Street, North Adelaide			
51 Finnis Street, North Adelaide			
61 Finnis Street, North Adelaide			
41 Finnis Street, North Adelaide			
43 Finnis Street, North Adelaide			
Total		176,339	
		<u> </u>	<u>\$399,123</u>
16. <i>Advances on Mortgage—</i>			
12 Advances			<u>\$31,660</u>
17. <i>Trust Funds held by Trustees—</i>			
Edward Neale		9,923	
Rosye F. Mortlock		10,172	
		<u> </u>	<u>\$20,095</u>
18. <i>Funds Due to the University—</i>			
Michell Estate		44,000	
Sheridan Bequest		210,000	
		<u> </u>	<u>\$254,000</u>
19. <i>Investment Properties and Improvements—</i>			
Prospect Road, Blair Athol			
17 Struan Avenue, Warradale Park			
17 Struan Avenue, Warradale Park—Furniture			
Total			<u>\$11,227</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
20. <i>Current Balances-</i>			
Petty Cash—Revenue Officer		200	
<i>Materials in Workshop-</i>			
Maintenance Workshop	12,135		
Instrument and Mechanical Maintenance Workshop	658		
Photographic Services Materials	737		
Stores Account	5,450		
Bulk Alcohol and Methylated Spirits	183		
	-----	19,163	
<i>Sundry Debit Balances-</i>			
Sir Douglas Mawson Anniversary Volume ..	1,096		
Outstanding Workshop Accounts	328		
Sundry Accounts	12,094		
Union Salaries and Wages	3,540		
Lawrence Matrix	455		
Staff Club	3,907		
Engineering Testing	312		
Cancer Research	22		
C.S.I.R.O.	238		
Sundry Debtors—Library (Xerox)	66		
Microbiology—Special Fund	89		
A. J. Schulz Bequest—Education Department	29		
James Hardie Prize in Civil Engineering	100		
Mead Johnson Paediatric Prize	53		
Pfizer Prize in Gynaecology ..	50		
Roche Products Prizes	40		
Anthropological Research Film Account	1,064		
Australian Institute of Aboriginal Studies—Gale—Geography	205		
Australian Institute of Aboriginal Studies—Hercus ..	129		
Australian Institute of Aboriginal Studies—Campbell	1,187		
Australian Institute of Aboriginal Studies—Ellis	10		
Patent Recording Apparatus	608		
A.A.E.C.—Grant for Studentships ..	46		
G.M.H. Postgraduate Fellowship Grant-in-aid Mumme ..	11		
Adult Education—Commonwealth Government Grant for Australian Literature	177		
Rothman Junior Fellow Grant-in-aid—Biochemistry	151		
National Heart Foundation Fellowship—Grant-in-aid Casley-Smith	556		
Wool Research Fellowship Grant-in-aid—Genetics	4		
Reserve Bank—50th Anniversary Scholarship—Ledwith—Psychology	401		
Colgate-Palmolive—Dentifrice Grant—Dental ..	2,976		
Sheridan Bequest	54		
Funds Advanced to Bedford Park	89		
320 Loans to Students for Fees	39,861		
11 Staff Advances Associated with Study Leave, etc.	9,724		
Carried forward	79,672	19,363	-----

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward	79,672	19,363	
Research Grants Committee—Prime Minister's Department	606		
Flinders University of S.A.—Capital Balance	33,980		
S.A. Tuberculosis Association Library—Donations	254		
Georgina Mills Estate—Funds for Library ..	3		
Adelaide University Film Society Library ..	3		
Autopsy Fees	190		
National Health and Medical Research Grant	1,646		
C. J. Martin Travelling Scholarship	2,211		
Department of Air and Civil Aviation—Aeromedical Research	1,879		
Rural Credits Fund—Zoology	141		
American Chemical Society—Grant for Organic Chemistry	656		
General Motors-Holden Ltd.—Postgraduate Studentship in Traffic Theory	158		
Colonial Sugar Refining Co.—Scholarship—Physical Chemistry	268		
Australian Institute of Nuclear Science and Engineering Grant—Laurence—Physical Chemistry	1,347		
Australian Institute of Nuclear Science and Engineering Grant—Stranks—Physical Chemistry	51		
Australian Institute of Nuclear Science and Engineering Grant—Bull and Lim—Mechanical Engineering	278		
Nuffield Foundation Grant—Geology	9		
National Heart Foundation of Australia Grant—Lander—Medicine	143		
National Heart Foundation of Australia Grant—Maxwell and Kneebone—Child Health	583		
Reserve Bank—Rural Credits Development Fund—Botany	76		
Australian Meat Research Committee—Zoology (UA3)	943		
Australian Meat Research—Zoology (UA6)	420		
Reserve Bank—50th Anniversary Scholarship—Genetics	1		
Department of Supply—Physics	4,823		
Wool Research Committee Grant—Economics	1,978		
Bushfire Research Committee Grant—Spark Arresters Research	116		
W.R.E. Grant—Laser Research	2,084		
Wool Research Committee—Kangaroo Island Wallaby—Zoology	303		
Australian Atomic Energy Commission Grant—Stranks—Inorganic Chemistry ..	284		
Rural Credits Development Fund Grant—Economics	1		
United States Navy Grant—Mechanical Engineering	553		
Commonwealth Wheat Research Studentship Grant—Biochemistry	97		
Carried forward	135,757	19,363	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	£
Brought forward	135,757	19,363	
Nuffield Foundation Grant—Botany	7		
Simpson-Pope Ltd.—Research Fellowship ..	1,072		
Adelaide Children's Hospital Grant— Kneebone—Child Health	459		
Adelaide Children's Hospital Grant— Stokes—Child Health	101		
Radio Research Board Grant—Electrical Engineering	48		
Radio Research Board Grant—Mawson Institute	459		
Life Insurance Medical Research Grant— Kneebone—Child Health	862		
Life Insurance Medical Research Grant— Elliott—Child Health	405		
Air Force Cambridge Research Laboratory Grant—McCracken	8,229		
National Aeronautics and Space Administration—Elford	2,101		
Merck Sharp Dohme—Child Health	51		
Department of Supply Studentship— Morgan—Mechanical Engineering	372		
Australian Research Grants Committee— Dunlop—Physical Chemistry	6		
Australian Research Grants Committee— Charnock—Surgery	28		
Australian Research Grants Committee— Cox—Obstetrics	824		
Australian Research Grants Committee— Kerr—Physiology	286		
Australian Research Grants Committee— Provins—Psychology	323		
Australian Research Grants Committee— Provins—Psychology	9		
Australian Research Grants Committee— Prest—History	31		
Australian Research Grants Committee— Briggs and Elford—Physics	1,650		
Australian Research Grants Committee— Briggs and Elford—Physics	37		
Australian Research Grants Committee— Nesbitt—Geology	103		
Australian Research Grants Committee— Miller—Chemical Engineering	346		
Australian Research Grants Committee— Frodsham—History	388		
Australian Research Grants Committee— Dunlop—Physical Chemistry	46		
Australian Research Grants Committee— Bull—Mechanical Engineering	66		
Australian Research Grants Committee— Wells—Biochemistry	16		
Australian Research Grants Committee— Jenkins—Microbiology	122		
Public Examinations Board	38,579		
Donation for Expenses Electron Microscope Insurance Claims—	34		
Physical Chemistry	1,687		
Organic Chemistry	30		
Observatory	1		
Beach Erosion—Civil Engineering	1,060		
Carried forward	195,595	19,363	

FINANCIAL STATEMENTS

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
Brought forward	195,595	19,363	
E. & W.S.—New Kangaroo Creek Dam Fund—Civil Engineering	1,751		
Advance Payment for Building Repairs	15,000		
Australian Research Grant—Payroll Tax and Insurance	1,172		
Adult Education Advance Payments	<u>2,427</u>	<u>215,945</u>	
			<u>\$235,308</u>
21. <i>Work in Progress—</i>			
Modifications to Engineering Annexe— Computing Science	30,115		
Modifications to Engineering Annexe— Equipment and Furniture	<u>3,244</u>	33,359	
Buildings in Progress		32,214	
New Law Building (Architects' Fees)		16,806	
Restoration of Site (Napier Forecourt)		127,256	
C.D.C. 6400 Computer—Computing Centre		<u>72,647</u>	
			<u>\$282,282</u>
22. <i>Income and Expenditure Appropriation Account—</i>		Surplus	Deficit
Accumulated Deficit at 1/1/64			20,036
1964—			
Commonwealth Supplementary Grant for Salaries—July to December, 1963		40,000	
North Terrace—Surplus	17,162		
Waite Institute—Surplus	17,292		
Adult Education Centre—Surplus	<u>1,314</u>		
	35,768		
Less Bedford Park—Deficit	<u>1,746</u>		
Surplus for year 1964		34,022	
1965—			
North Terrace—Surplus	9,076		
Bedford Park—Surplus	322		
Adult Education—Surplus	<u>138</u>		
	9,536		
Less Waite Institute—Deficit	<u>8,860</u>		
Surplus for year 1965		676	
1966—			
North Terrace—Deficit	55,425		
Waite Institute—Deficit	<u>1,760</u>		
Deficit for year 1966			57,185
		<u>74,698</u>	<u>77,221</u>
Accumulated Deficit at 31/12/66			<u>\$2,523</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1966 – Continued

	\$	\$	\$
23. <i>Equipment—</i>			
Equipment and Furniture		3,833,057	
Amsler Press		13,110	
Optical Rotatory Dispersion Apparatus—			
Organic Chemistry		6,417	
Equipment—Engineering Testing (No. 1			
Account)		14,588	
Equipment—Engineering Testing (No. 2			
Account)		19,782	
Special, Mining and Metallurgy		47,900	
Special, Chemistry		6,959	
Napier Birks Room		3,951	
Cirrus Computer—Computing Centre		39,459	
Special—Electrical Engineering		216	
Special—Geology		6,634	
Clinical Medicine		24,573	
C.S.I.R.O. Grant for Animal Ecology		531	
Animal Ecology (Rural Credits			
Development Fund)		13,829	
Rockefeller Donation for Organic			
Chemistry		13,410	
Nuffield Foundation Donation for Inorganic			
Chemistry		13,000	
Organ—Elder Conservatorium		5,759	
Herbarium—J. M. Black		200	
Irrigation Research Equipment—Civil			
Engineering		10,696	
Electronic Organ—Bonython Hall		4,700	
E.T.S.A. Dynamic Network Analyser		60,941	
American Petroleum Institute—Geology			
Equipment		3,469	
Damon Runyan Memorial Fund—Farrand			
Spectrofluorometer		4,960	
Nuffield Foundation Grant—Microbiology ..		1,230	
Mechanical Engineering Consulting Fund ..		2,490	
Aeromedical Research		23,687	
Electronic Research Equipment		2,239	
Cirrus Computer—Electrical Engineering ..		26,362	
Equipment—X-ray Spectrograph—Geology ..		13,104	
Electron Microscope—Zoology		37,419	
Dual Purpose Spectrometer—Physical			
Chemistry		48,000	
Scanning Monochromator—Physics		13,640	
Law Reports		10,718	
Noise and Vibration Chambers—			
Mechanical Engineering		23,313	
Back Numbers of United Kingdom and			
Australian Official Papers—Politics		10,194	
Gas Chromatography Assembly—			
Biochemistry		11,319	
Michell Research		6,866	
Sandoz Grant—Obstetrics		168	
Nuffield Foundation Grant—Geology		956	
Philips Electrical Industries Grant		2,504	
Radioisotopes Fund		254	
Rockefeller Grant—Biochemistry		6,200	
Equipment—Public Examinations in Music ..		12,381	
Equipment—Public Examinations Board ..		26,555	
C.R.T.S. Equipment		144,462	
Life Insurance Medical Research Fund of			
Australia and New Zealand (Child			
Health)		3,688	
Carried forward		4,575,890	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward		4,575,890	
Life Insurance Medical Research Fund of Australia and New Zealand—Physiology		6,136	
Radio Research Board		32,354	
Australian Atomic Energy Commission— Penman		1,305	
Atomic Research—Culver		1,631	
Atomic Research—Mining (Denholm)		2,995	
C.S.I.R.O.—Native Mammals		138	
Reserve Bank Equipment—Australian Wool Rural Credits—Fruit Fly Equipment		332	
U.S. Public Health Service—Dental Science		2,137	
U.S. Navy Grant—Mechanical Engineering		2,315	
Upjohn Pty. Ltd.—Grant to Department of Obstetrics		719	
Wool Research Committee—Kangaroo Island Wallaby		4,233	
Commonwealth Wheat Industry Research— Biochemistry		2,900	
Wool Research—Economics		12,597	
Australian Mineral Industries Research Association—Economic Geology		2,126	
House Mouse Research—Zoology		162	
A.I.N.S.E. Grant—Physics		691	
Myer Foundation		2,233	
Wellcome Fund—Microbiology		953	
C.S.I.R.O.—Botany		2,267	
Rural Credit Development Fund— Biochemistry		3,156	
Rural Credit Development Fund— Mechanical Engineering		4,023	
W. R. E. Laser Grant—Physics		586	
Rockefeller Foundation—Physical and Inorganic Chemistry		10,583	
Rockefeller Foundation—Zoology		17,799	
A.I.N.S.E. Physics and Physical Chemistry		5,249	
A.I.N.S.E. Physical Chemistry		40	
A.I.N.S.E. Mechanical Engineering		20,508	
International Law Association		900	
A.I.N.S.E.—Physical Chemistry—Laurence		707	
Equipment—Graduates' Union		2,140	
Elder Conservatorium Bergonzi Viola		1,869	
A.A.E.C. Physical Chemistry		2,089	
A.A.E.C. Physics		5,206	
Australian Meat Research Committee— Zoology		1,420	
Geology Consulting Fund Equipment		1,835	
Australian Road Research Board— Pathology		115	
Rockefeller—Kuru Research Equipment		3,068	
National Heart Foundation Equipment		3,432	
Water Research Foundation—Chemical Engineering		27,194	
Commonwealth Postgraduate Scholarship— Equipment		106	
U.S.P.H.S.— Child Health		12,948	
Zoology		20,114	
Physical Chemistry		3,212	
Grant—Dunlop—Physical Chemistry		1,424	
Grant—Psychology		10,412	
Dental Science		10,951	
		2,906	
Carried forward		4,828,106	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
Brought forward		4,828,106	
N.H.M.R.C.—Equipment		40,978	
M.R.C. Equipment		90,858	
Colgate-Palmolive Pty. Ltd.		3,050	
Australian Dairy Produce Board—			
Biochemistry		400	
U.S. Public Health Service—Microbiology		48,486	
U.S. Air Force—Physics		2,810	
Electrical Research Board—Electrical			
Engineering		640	
Washington State University—Botany		555	
Department of Supply—Physics		1,251	
Nuffield Foundation—Biochemistry		3,963	
C.S.R.—Physical Chemistry		1,048	
Projection Equipment—Union Hall		3,000	
Goitre Research—Medicine		1,909	
Postgraduate Committee—Medicine		240	
Wolfson Foundation—Postgraduate			
Committee in Medicine		2,902	
Adelaide Children's Hospital—Child Health		2,038	
Rothmans Junior Fellowship		1,802	
Consulting Fund Child Health Equipment		35	
Economic Geology Consulting Fund			
Equipment		2,590	
C.S.R.—Mining		1,600	
Channel Pulse Height Analyser—Physics		10,310	
E.E.G. Recording Equipment—Psychology		12,502	
Monsanto Chemicals Grant—Inorganic			
Chemistry		297	
G.M.H. Postgraduate Fellowship—			
Equipment		1,184	
Wm. S. Merrell Grant—Child Health		600	
Queen Elizabeth II Fellowship—			
Biochemistry		338	
American Chemical Society—Organic			
Chemistry		1,950	
American Chemical Society—Geology		663	
Forbes Research Medicine		156	
University Music Society		1,786	
G.M.H. Physical Chemistry		449	
Australian Journal of Experimental Biology			
and Medical Science		478	
G.M.H. Mechanical Engineering		354	
Wool Research Committee—Biochemistry		2,200	
Esso Exploration Australia Incorporated—			
Economic Geology		490	
Geigy Donation—Pathology		604	
Anti-Cancer Foundation—Equipment		5,195	
Anti-Cancer Foundation—Obstetrics		4,446	
Anti-Cancer Foundation—Physical and			
Inorganic Chemistry		2,051	
Anti-Cancer Foundation—Agricultural			
Biochemistry		7	
Anti-Cancer Foundation—Cytology		13,772	
Precilia M. Bowling—Medicine		1,086	
Precilia M. Bowling—Physiology		1,780	
Wool Research—Zoology		2,767	
Commonwealth Sponsored Overseas			
Scholarship		551	
Research Equipment—over \$10,000		160,834	
Department of Supply Studentship—			
Mechanical Engineering		370	
		<u>\$5,265,481</u>	

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1966 – Continued

	\$	\$	\$
24. Library Books and Binding—			
Expended to 31/12/49	160,817		
Purchased from Government Grants	1,409,904		
Carnegie Corporation—Expenditure	11,934		
T. E. Barr Smith Endowment for Library ..	11,864		
Sir William Mitchell Endowment for Library	5,039		
Elizabeth Jackson Endowment for Library ..	2,730		
A.M.A. Library Expenditure	33,676		
A. M. Simpson for Library	1,984		
Kate Helen Weston for Library	25		
S.A. Tuberculosis Association Donation for Library	2,154		
Herbert Shorney Memorial Library	776		
Elizabeth Mills for Library	601		
Institute of Physics—Donations for Library Books	116		
Australian Association of Psychiatrists— Grant to Medical Library	69		
S.A. Brewing Co.—Library Expenditure— Microbiology	740		
Australian Physiotherapy Association Library	605		
Georgina Mills Estate—Fund for Library ..	540		
St. Peter's College Grant—Library	200		
Adelaide University Film Society Fund Library	59		
Australian Planning Institute Library	224		
American Council of Learned Societies Library	4,220		
	-----	\$1,648,277	
		<u> </u>	
25. Furniture—			
Staff Common Room	4,537		
Electric Light and Power Installation	3,627		
Mechanical Engineering Consulting Fund ..	506		
Economic Geology Consulting Fund	533		
Special Furniture—Computing Centre	173		
J. G. Wood Memorial—Furniture	154		
	-----	\$9,530	
		<u> </u>	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
WAITE AGRICULTURAL RESEARCH INSTITUTE			
26. Share and Stock Investments-			
S.A. Gas Co. Bonds (Sandland)		780	
Estate W. H. Sandland-Shares		8,214	
Estate W. D. Grigg-Shares		5,504	
Commonwealth Government Special Series "I" Bonds-4%4% ¹ / ₁₀ /70		600	
		<u>15,098</u>	<u>\$15,098</u>
27. Funds Held by Trustees-			
Peter Waite Trust Fund Investments		120,318	
Elizabeth MacMeikan Trust Fund Investments		37,744	
Hugh Hughes Estate-Trust Fund		72,146	
		<u>230,208</u>	<u>\$230,208</u>
28. Land-			
Urrbrae, Claremont and Netherby Estates ...		84,909	
Alverstoke Estate		24,000	
		<u>108,909</u>	<u>\$108,909</u>
29. Buildings-			
Plant Pathology House		3,300	
Plant Culture House		1,700	
Implement Shed and Workshop		2,252	
Cereal Barn		4,029	
Netherby Cottage		1,475	
Implement Shed No. 2		2,166	
Plant Culture House		11,429	
Shearing Shed		3,172	
Education Block		798	
Cool House No. 5B (Building No. 35)		17,065	
Glasshouse and Shadehouse-Rural Credits Fund		6,122	
Glasshouse No. 5 South Portion (Building No. 33)		2,159	
Extension of Plant Culture House (Wiles Prefabricated Shed)		3,534	
Carried forward		<u>59,201</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
Brought forward		59,201	
Prefabricated Shed, Building No. 32		1,006	
Glasshouse No. 6 (Building No. 34)		314	
Glasshouse No. 21		5,204	
John Melrose Laboratory		33,487	
John Melrose Laboratory—Fittings		8,373	
John Darling Laboratory		19,624	
John Darling Laboratory—Fittings		4,373	
Ranson Mortlock Laboratory		22,910	
Ranson Mortlock Laboratory—Fittings		7,843	
Waite Institute (South Wing)		42,926	
Waite Institute (South Wing)—Fittings		8,246	
Glasshouse No. 7		7,600	
Alterations to Urrbrae House		19,968	
Alterations to Laboratories—Agricultural Biochemistry		38,767	
Renovations to Laboratories (C.S.I.R.O. Grant)		3,163	
Alterations—Plant Pathology (Nematology Laboratories)		6,187	
Waite Insectary Building		38,371	
New East Wing		223,035	
New East Wing—Furniture and Equipment		8,898	
Maintenance Workshop		19,063	
Agronomy Field Laboratory		20,840	
Glasshouse No. 8		19,290	
Agronomy Garage		2,340	
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		31,151	
Mortlock Experiment Station— Improvements		3,206	
Library		69,998	
Sheep Pens		6,430	
Bee Research Laboratory		14,090	
Mortlock Experiment Station—Field Laboratory		9,000	
Head House for Glasshouses		27,993	
Plant Pathology Field Laboratory		41,142	
Three Houses—Mortlock Field Station		30,549	
Sub-Station		3,145	
		<u>930,442</u>	

30. Equipment and Furniture—

Farm Equipment	35,522
Laboratory Equipment	57,148
Students' Equipment	4,296
Farm Improvements	18,616
Live Stock Account	5,609
Mortlock Stock Account—Sheep	8,842
Equipment	819,881
Experimental Land Equipment	26,266
Carried forward	<u>976,180</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
Brought forward			
John Mortlock Research Station— Equipment		976,180	
Rural Credits Development Fund— Equipment		4,537	
Rural Credits Development Fund Equipment—Agronomy		20,000	
Rural Credits Development Fund— Electron Microscope		6,694	
Rural Credits Development Fund— Plant Pathology		23,546	
Rural Credits Development Fund— Entomology		3,044	
Rural Credits Development Fund— Agricultural Biochemistry		3,047	
Rural Credits Development Fund— Animal Physiology		3,389	
Electron Microscope		4,301	
Research Equipment over \$10,000		39,955	
Wool Research Equipment— Agronomy		17,200	
Entomology		41,186	
Animal Physiology		2,003	
Barley Improvement Fund Equipment— Agronomy		5,639	
Plant Pathology		10,243	
Agricultural Biochemistry		9,742	
Commonwealth Wheat Research Equipment —Agricultural Biochemistry		566	
Commonwealth Wheat Research Equipment Agronomy		36,929	
Commonwealth Wheat Research Equipment Plant Physiology		15,878	
Commonwealth Wheat Research Equipment Plant Pathology		7,164	
State Wheat Research Equipment— Agricultural Biochemistry		1,008	
State Wheat Research Equipment— Agronomy		18,893	
Rothmans University Endowment Fund— Plant Physiology		3,318	
Honey Board—Entomology		1,674	
Rockefeller Grant—Plant Pathology		162	
Queen Elizabeth II Scholarship— Agricultural Biochemistry		13,334	
National Science Foundation—Plant Physiology		16	
Anonymous Donation—Animal Science		10,000	
Merck & Co. Foundation—Plant Physiology		1,000	
A.A.E.C.—Plant Physiology		128	
A.I.N.S.E. Grant for Agricultural Biochemistry		682	
Nuffield Grant—Entomology Equipment		1,666	
Sirex Wasp Research Equipment		701	
Australian Meat Research Equipment— Agronomy		3,802	
Australian Meat Research—Plant Physiology		5,573	
Australian Meat Research—Animal Physiology		5,824	
Australian Meat Research—Mortlock Research Station		10,060	
		3,120	
Carried forward		1,312,204	

FINANCIAL STATEMENTS

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1966 - Continued

	\$	\$	\$
Carried forward		1,312,204	
Commonwealth Development Bank-Plant Physiology		2,791	
Commonwealth Development Bank- Entomology		296	
National Heart Foundation-Animal Physiology		3,965	
Commonwealth Development Bank- Entomology		1,920	
Department of Agriculture-Agricultural Biochemistry		217	
U.S.P.H.S. Agricultural Biochemistry		19,107	
Sulphur Institute-Agronomy		620	
Central Animal House-Equipment		2,238	
Rural Credits-Animal Physiology		1,808	
Mass Spectrometer		10,000	
Commonwealth Sponsored Overseas Scholarship		46	
U.S.P.H.S. Entomology		825	
Rockefeller Foundation-Entomology		1,398	
Australian Meat Research-Entomology		75	
Equipment for Research in Connection with Animals		200	
Dorothy Mortlock Bequest-Equipment		2,806	
Special Equipment-Agricultural Biochemistry		8,165	
A.R.G.C.- Barley-Agronomy-Equipment		4,178	
Francki-Plant Pathology-Equipment		7,943	
Flentje-Plant Pathology-Equipment		1,968	
McFarlane-Animal Physiology- Equipment		8,058	
Nicholas-Agricultural Biochemistry- Equipment		2,365	
Donald-Agronomy-Equipment		877	
Tate-Agricultural Biochemistry- Equipment		1,249	
Egan-Agronomy-Equipment		1,006	
Warcup-Plant Pathology- Equipment		821	
U.S. Surgeon General-Animal Physiology- Equipment		906	
Chilean Nitrate Grant-Agricultural Biochemistry		1,000	
Anonymous Donation-Animal Science		629	
C.S.I.R.O. Claremont Orchard		524	
Rural Credits-Agronomy		3,565	
Rothmans University Endowment Fund- Agricultural Biochemistry		397	
		<u>-----</u>	<u>\$1,404,167</u>

31. Library-		142,050	
Purchased from Government Grants		22,246	
Library		<u>-----</u>	<u>\$164,296</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1966 — Continued

	\$	\$	\$
32. <i>Current Balances—</i>			
Petty Cash		100	
Advance Account		200	
Commonwealth Wheat Fund		3,431	
Australian Meat Research Committee— Plant Physiology		134	
Rothmans University Endowment Fund— Plant Physiology		154	
Wheat Industry Fund of Victoria		451	
Rural Credits Development Fund—Plant Pathology		333	
Reserve Bank—Purchase of Electron Microscope		123	
Australian Meat Grant—Animal Physiology		2,738	
Rural Credits Development Fund— Entomology		19	
Rural Credits Development Fund— Agronomy		523	
Queen Elizabeth II Scholarship		520	
Shell Chemical Australia Pty. Ltd.— Plant Pathology		1,165	
Rural Credits Development Fund— Ecology of Light in Crops		3,061	
Wool Fund Scholar—Agronomy		7	
Commonwealth Wheat Research Studentship		2,400	
A.I.N.S.E.—Agricultural Biochemistry		618	
Sundry Debtors		6,364	
Sundry Debtors—Animal Physiology		11,200	
Sundry Debtors—Cafeteria		3,161	
A.R.C.C.—Payroll Tax		211	
		<u> </u>	
		<u>\$36,913</u>	

THE UNIVERSITY

Expenditure of Grants

<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 Australian Institute of Aboriginal Studies Australian Institute of Aboriginal Studies Australian Institute of Aboriginal Studies
<i>Biochemistry</i>	Australian Research Grants Committee Prime Minister's Department Commonwealth Department of Health Rural Credits Development Fund Australian Wool Board National Heart Foundation Wheat Industry Research Council (Commonwealth) 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 Nuffield Foundation Academy of Science Grant Reserve Bank—Rural Credits Development Fund C.S.I.R.O.
<i>Physical and Inorganic Chemistry</i>	Australian Research Grants Committee Australian Atomic Energy Commission Australian Institute of Nuclear Science and Engineering Australian Institute of Nuclear Science and Engineering Monsanto Chemicals Ltd. Rothmans University Endowment Fund General Motors-Holden's Ltd.
<i>Organic Chemistry</i>	Australian Research Grants Committee American Chemical Society (Petroleum Research Fund) Nuffield Foundation Prime Minister's Department

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1966	<i>Estimated</i> 1967
	\$	\$
Grant for Lectures on Australian Literature	986	1,000
Grant for Aboriginal Research and Publication Subsidy	3,609	2,100
Grant for Research—Strehlow	5,246	5,000
Grant for Research—Miss Treagus	670	100
Grant for Research—Dr. Campbell	2,033	2,000
Fellowship	2,262	2,500
Grant for Research	10,054	29,630
Queen Elizabeth II Fellowship	8,929	2,000
N.H.M.R.C. Grant for Medical Research	1,905	6,624
Grant to establish a unit for Virus Biochemistry and Molecular Biology	4,685	4,700
Grant for Research on Structure and Biochemical Aspects of Keratinisation	7,120	6,300
Grant-in-aid	3,600	—
Grant for Wheat Improvement Research	12,273	10,000
Grant for Studentships	2,400	2,400
Grant for Project Concerned with the Chemical and Biological Properties of the Deoxyribonucleic Acid Component of Yeast Cytochrome b ₂	2,308	500
N.H.M.R.C. Annual Grant	4,000	3,000
Grant for Research	12,569	11,488
Grant for Project "Productivity and Nitrogen Economy in Arid Australian Vegetation"	78	570
Grant for Research	47	420
Ecology of Cattle Grazing Land in Central Australia	754	3,600
Grant for Postgraduate Training in Biophysics	5,213	1,800
Grant for Research	70,504	72,676
Grants for Research	3,389	—
Grants for Research	3,444	—
Postgraduate Scholarship	2,400	—
Grant for Research on High Polymers	—	30
Postgraduate Fellowship	6,415	6,500
Postgraduate Fellowship	4,600	5,500
Grant for Research	81,294	32,808
No. 2 Grant—New Aromatic Systems	5,458	5,000
Grant for Research in Organic Chemistry	1,936	6,000
Queen Elizabeth II Fellowship	9,328	15,000
Carried forward	279,509	239,246

THE UNIVERSITY

Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Child Health</i>	Australian Research Grants Committee
	Life Insurance Medical Research Fund
	National Heart Foundation of Australia
	Merck Sharp and Dohme Grant
	Adelaide Children's Hospital
	E. R. Squibb & Sons Grant
	W. S. Merrell & Co.
	Commonwealth Department of Health U.S. Department of Health, Education and Welfare
<i>Computing Science</i>	Control Data Australia Pty. Ltd.
<i>Dental Science</i> ...	Australian Research Grants Committee
	Commonwealth Department of Health
	Colgate-Palmolive Pty. Ltd.
	United States Department of Health, Education and Welfare
<i>Economics</i>	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Economic and Financial Research Fund
	Reserve Bank—Rural Credits Development Fund
	Reserve Bank—Rural Credits Development Fund
	Wood Research Committee
<i>Elder Conservatorium</i> ...	Australian Institute of Aboriginal Studies
<i>Civil Engineering</i>	Reserve Bank—Rural Credits Development Fund
	Seaside Councils Committee
<i>Electrical Engineering</i> ...	C.S.I.R.O. Electrical Research Board
	Department of Civil Aviation
	Department of Supply
	I.C.I.A.N.Z.
<i>Chemical Engineering</i> ...	Australian Research Grants Committee
	Australian Institute of Nuclear Science and Engineering ...

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1966	<i>Estimated</i> 1967
	\$	\$
Brought forward	279,509	239,246
Grant for Research	5,137	3,120
Grants for Research	1,267	7,400
Grant-in-aid	4,483	4,226
Grant for Research	51	—
Grants for Research in Child Health	3,668	1,400
Grant for Research	—	250
Grant for Research	1,948	1,800
N.H.M.R.C. Grant for Medical Research	—	6,350
Grant for Project "Metabolism of Canine and Marsupial Heart"	2,068	—
Postgraduate Research Fellowships	3,866	4,500
Grant for Research	—	10,350
N.H.M.R.C. Grant for Medical Research	3,386	4,150
Grant for Dentifice Research Project	12,170	12,000
Grant for Growth Study of Australian Aborigines	6,434	5,000
Grant for Project "Output and Productivity in Australian Manufacturing Industry 1948/49 to 1961/62"	320	840
Grant for Project "The Australian Labour Market"	—	270
Grant for Travel in Papua and New Guinea	337	—
Grant for Project "The Australian Propensity to Save"	467	—
Grant for Investigation into the Australian Transport Industry ...	135	860
Sources and uses of Funds Analysis for a Sample of Wheat-Sheep Properties in South Australia	2,795	1,100
Grant for Postgraduate Programme in Wool Economics Research Training	16,660	23,300
Grant for Collection of Ethnomusicological Material—Dr. C. Ellis	2,180	2,200
Grants for Irrigation Research	9,798	10,800
Grant for Beach Erosion Studies	9,875	12,000
Grant for Research on Control of Linear and Rotary Electro-Mechanical Motion	972	1,200
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	—	600
Grant for Research on Oversea Radio Propagation	902	5,000
Research Fellowship	2,500	—
Grants for Research	—	13,125
Grant for Project "Heat Transfer to Boiling Liquids"	698	1,780
Carried forward	371,626	372,867

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Mechanical Engineering</i>	Australian Research Grants Committee
	Simpson Pope Limited
	U.S. Department of the Navy
	Rural Credits Development Fund
	Australian Institute of Nuclear Science and Engineering
<i>Genetics</i>	Australian Research Grants Committee
	Wool Research Committee
	Rothmans University Endowment Fund
<i>Geography</i>	Australian Institute of Aboriginal Studies
<i>Geology</i>	Australian Research Grants Committee
	Australian Selection Pty. Ltd.
	American Petroleum Institute
	The Nuffield Foundation
	American Chemical Society Grant
<i>History</i>	Australian Research Grants Committee
<i>Economic Geology</i>	Esso Exploration Australia Inc.
	Broken Hill Mining Managers' Association
	Kennecott Copper Corporation
<i>Mathematics</i>	General Motors-Holden Ltd.
	General Motors-Holden Ltd.
	Australian Road Research Board
<i>Mathematical Physics</i>	Australian Research Grants Committee
	Australian Institute of Nuclear Science and Engineering
	Rothmans University Endowment Fund
<i>Mawson Institute</i>	Australian Research Grants Committee
	C.S.I.R.O. Radio Research Board
<i>Medicine</i>	Australian Research Grants Committee
	Commonwealth Department of Health
	National Heart Foundation
<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

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1966	<i>Estimated</i> 1967
	\$	\$
Brought forward	371,626	372,867
Grant for Research	5,917	16,750
Grant for Research Fellowship in Engineering Acoustics	7,072	6,000
Grant for Research on the Hydrodynamics of Hydrojet Propulsion	1,535	500
Grant for Controlled Environment Cabinets	649	1,100
Grant for Research	2,158	2,100
Grant for Research	1,174	1,500
Fellowship	1,126	—
Fellowship	6,565	7,000
Grant for "A Demographic Study of Aborigines"	1,207	500
Grant for Research	6,512	8,660
Grant for Research	999	—
Grant for Research on Dolomite Sedimentation	463	1,050
Grant for Project "Petrology of the Giles Complex"	562	250
Grant for Research on Pre-Cambrian Fossils	952	2,100
Grants for Research	5,193	11,040
Grant for Research	490	1,000
Postdoctoral Fellowship	10,852	8,000
Postgraduate Fellowship	—	1,125
Postgraduate Scholarship	5,200	5,500
Postgraduate Studentship in Theory of Traffic Flow	3,320	3,600
Fellowship	6,262	1,200
Grant for Research	2,833	19,210
Grants for Research	20	3,500
Postgraduate Fellowship	5,182	4,400
Grant for Research	—	16,342
Grant for Research	925	—
Grant for Research	5,098	4,900
N.H.M.R.C. Grant for Medical Research	11,673	14,360
Grant-in-aid	5,915	20,846
Grant for Research	4,180	6,325
Grant for Research	2,833	9,920
N.H.M.R.C. Grant for Medical Research	21,582	13,940
Grant for Research on Role of Opsonins in the Native Susceptibility to Infections	20,080	18,500
Carried forward	520,155	584,085

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>				<i>Source of Grant</i>
<i>Microbiology (continued)</i>	.....	.....	.....	United States Department of Health, Education and Welfare
				Nuffield Foundation
				Glaxo Laboratories (Aust.) Ltd.
<i>Obstetrics</i>	.....	.....	.....	Australian Research Grants Committee
				Sandoz Ltd.
				Upjohn Pty. Ltd.
				G. D. Searle & Co. Ltd.
				Commonwealth Department of Health
<i>Pathology</i>	.....	.....	.....	Commonwealth Department of Health
<i>Physics</i>	.....	.....	.....	C.S.I.R.O. Radio Research
				Australian Research Grants Committee
				Australian Institute of Nuclear Science and Engineering
				Department of Supply (Weapons Research)
				Department of Supply (Weapons Research)
				Philips Industries Ltd.
				Philips Industries Ltd.
				Air Force Cambridge Research Laboratories
				U.S. Air Force
				U.S. Air Force
			U.S. Air Force	
			National Aeronautics and Space Administration Grant	
<i>Physiology</i>	.....	.....	.....	Australian Research Grants Committee
				U.S. Department of Health, Education and Welfare
				Department of Air and Department of Civil Aviation
				Commonwealth Department of Health
				Roche Products Pty. Ltd.
				Life Assurance Medical Research Fund
				National Heart Foundation of Australia
<i>Politics</i>	.....	.....	.....	Australian Research Grants Committee
<i>Psychology</i>	.....	.....	.....	Australian Research Grants Committee
				Reserve Bank of Australia
				U.S. Department of Health, Education and Welfare

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1966	<i>Estimated</i>
	1967	
	\$	\$
Brought forward	520,155	584,085
Research Fellowship	316	130
Grant for Work in the Field of Natural Immunity to Infectious Diseases	1,289	2,000
Grant for Research	366	1,100
Grant for Research	8,143	2,835
Grant for Research in Obstetrics	415	1,400
Grant for Obstetric Research—Prevention of Premature Labour	3,845	4,000
Grant for Work on Hormone Preparations	948	1,250
N.H.M.R.C. Grant for Medical Research	2,176	5,500
N.H.M.R.C. Grant for Medical Research	1,745	—
Meteor Trails Research	18,800	20,600
Grant for Research	44,033	90,234
Grants for Research	—	2,000
Grant for Upper Atmosphere Composition Studies using Ultra-violet Detectors	11,417	10,000
Grant for Work on Optical Scatter Measurements with a Pulsed Laser	8,940	10,000
Grant for Research in Semi-conductors	33	300
Grant for Research in the Field of Thin Films	832	1,000
Grant for Research	10,124	10,000
Grant for Ionospheric and Meteor Observations with Large Antenna Array	20,758	23,000
Grant for a Study of the Inter-planetary Magnetic Field	—	12,000
Atomic and Molecular Photo Disintegration	4,671	9,000
Grant for Research	2,100	25,000
Grant for Research	16,216	15,450
Grant for Research	432	—
Aeromedical Research	4,765	5,000
N.H.M.R.C. Grants for Medical Research	16,171	22,776
Grant for Pharmacological Research on Blood Vessels	—	5,000
Grants for Research	1,100	8,000
Grants-in-aid	20,318	6,451
Grant for Research	—	4,137
Grant for Research	9,966	25,518
Fiftieth Anniversary Postgraduate Scholarship	3,303	3,600
Grant for Project "Behaviour Related to Induced Cholinesterase Syntheses"	4,276	60
Carried forward	737,653	911,428

THE UNIVERSITY

Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Surgery</i> ...	Australian Research Grants Committee
	Prime Minister's Department
	Commonwealth Department of Health
	National Heart Foundation
<i>Zoology</i>	Australian Research Grants Committee
	Australian Wool Board
	Reserve Bank—Rural Credits Development Fund
	Wool Research Committee and S.A. Wheat Research Committee
	Australian Cattle and Beef Research Committee
	Reserve Bank—Rural Credits Development Fund
	Prime Minister's Department
<i>Barr Smith Library</i>	S.A. Tuberculosis Association
	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 Improvement 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>	1966 \$	<i>Estimated</i> 1967 \$
Brought forward	737,653	911,426
Grant for Research	5,488	8,400
Queen Elizabeth II Fellowship	8,066	2,400
N.H.M.R.C. Grant for Medical Research	9,658	7,450
Grant-in-aid	3,719	6,094
Grant for Research	11,440	14,259
Grant for Study Ecology of Kangaroo Island Wallaby	1,868	1,800
Grants for Research in the Ecology of the Snail Vector of the Liver Fluke Parasite of Sheep	2,393	—
Grant for House Mouse Research Project	496	800
Grants for Research	2,767	—
Grant for Research in Parasitic Nematodes	2,175	2,000
Grant for Publication of B.A.N.Z.A.R.E. Reports	590	700
Grant for Books and Periodicals Dealing with Tuberculosis	189	100
Grant for American Studies	4,220	4,000
Grant for Medical Books and Periodicals	2,998	2,400
Grant for Medical Books and Periodicals	91	150
Grant for Laboratory Books, Manuals, etc., for Microbiology Department	43	50
Grant for Library Books on Economics	—	100
Grant for Library Books	43	20
	<u>\$793,897</u>	<u>\$962,149</u>
Grants for Research at Waite Institute	57,585	80,996
Grant for Project "Use of Radio Active Nitrogen in Studies with Bacterial Enzymes"	818	1,450
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; Development of Field Station; Grant for Research into Insects; Adaptation of Sheep to Arid Tropics; Studies of Endocrine Basis of Implantation and Maintenance of Pregnancy	67,815	61,627
Grant for Research into Barley	29,547	32,618
Grant for Field Laboratory for Work on Soil-borne Diseases	610	14,600
Grant for Biochemical Work on Nitrogen Fixation	6,670	3,600
Grant for Installation of Controlled Environment Cabinet and Microscopes	1,133	25,000
Grant for Constant Temperature Cabinets and Glasshouses	—	2,000
Grant for Project—The Ecology of Light, Water and Nutrients in Crop and Pasture Growth	16,570	2,000
Carried forward	<u>180,748</u>	<u>223,891</u>

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute (continued)</i>	Rural Credits Development Fund
	Rural Credits Development Fund
	Nuffield Foundation
	Nuffield Foundation
	Wheat Industry Research Council (Commonwealth)
	Wheat Industry Research Council (State)
	Commonwealth Department of Health
	U.S. Department of Health, Education and Welfare
	U.S. Department of Health, Education and Welfare
	U.S. Department of Army—Surgeon General
	Wheat Industry Research Committee of Victoria
	Commonwealth Development Bank of Australia
	Commonwealth Development Bank of Australia
	Australian Meat Research Committee
	Australian Honey Board
	National Sirex Trust Fund
	Sulphur Institute
	Woods and Forests Department
	Shell Chemical Fund
	Cynamid—D.H.A. Grant
	Borax Consolidated Ltd.
	Rothmans University Endowment Fund
	Bank of New South Wales

FINANCIAL STATEMENTS

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OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1966 \$	<i>Estimated</i> 1967 \$
Brought forward	180,748	223,891
Aspects of the Nutrient Balance in the Sands of South-western South Australia	3,622	—
Physiological Genetics of Adaptation in Sheep	9,639	12,000
Grant for Research on the Ecology and Physiology of Animals which Live in Dry Country	4	—
Grant for Biochemical Work on Nitrogen Fixation	3,092	5,000
Grant for Wheat Improvement Research	78,316	58,437
Grant for Wheat Improvement Research	20,280	33,263
Grant towards Quarantine Investigations	—	5,000
Grant for Project "Physiological Adaptations to Parasitism"	9,151	10,908
Grant for Deoxyribonucleic Acid Metabolism in Chemo-Autotrophic Bacteria	—	6,750
Grant for Project—"Water and Electrolyte Economy of Desert Aborigines and New Guinea Melanesians"	3,340	5,635
Postgraduate Scholarship	1,962	1,300
Grant for Project "Biosynthesis of Oestrogen-like Substances in Clover"	9,594	11,000
Grant for Project "Ecological Study of Red Scale"	9,750	11,400
Grants for Research	13,924	16,500
Grant to Purchase Research Equipment	—	500
Grant for Sirex Wasp Research	7,873	13,100
Grant for Studies of the Seasonal Availability of Sulphur in some South-East Soils; Incubation Studies on Soils with Varying History of Fertiliser use	2,813	3,150
Grant for Studies of the Micro Flora and Fauna of Forest Litter	3,705	—
Grant for Postgraduate Work in Nematology	1,408	125
Grant for the Project "The Effect of Growth Retardance on Grape Berry Development"	—	225
Grant for Project "The Role of Boron in Plant Nutrition"	—	1,000
Junior Fellowship	2,201	4,800
Contribution towards Building Field Laboratory	—	400
	<u>\$361,422</u>	<u>\$424,384</u>

SUMMARY

NORTH TERRACE	\$793,897	\$962,149
WAITE INSTITUTE	\$361,422	\$424,384
Total Grants from Outside Sources	<u>\$1,155,319</u>	<u>\$1,386,533</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME	\$
ANTI-CANCER FOUNDATION—	
Annual Grant from H.M. Government of South Australia	12,000
Income from Neale Endowment	3,153
Income from R. F. Mortlock Endowment	587
Income from C. V. Crocombe Endowment	372
Income from R. T. Melrose Endowment	229
Income from J. Grimberg Endowment	10
Income from H. L. Heuzenroeder Endowment	285
Income from Hoare Estate Endowment	765
Income from M. August Endowment	183
Income from Emma Jeffress Endowment	610
Income from Ruby Chambers Endowment	49
Income from O. E. Braund Endowment	1,209
Income from E. Mills Endowment	203
Income from Isobel Young Endowment	225
Income—Ethel E. Jenkins Bequest	1
Income from R. A. James Estate	324
Income from M. I. Hatwell Estate	1,017
Income from Lord Mayor's Fund	7,944
Income from Sundry Endowments	326
Income from W. S. Gow Estate	625
Income from F. G. McLaughlin Estate	13,000
Linear Accelerator Treatment Fees	4,106
Donations	9,282
Physics Section Income	723
	57,228
	22,367
Anti-Cancer Cytology Services (Net Income)	21,939
Deficit, 1966	\$101,534
 UNION FEES—	
Fees Received for the year 1966	152,575
	\$152,575
 ADULT EDUCATION—	
Allocation by University	61,000
Fees: Tutorial Classes	17,973
Schools and Special Programmes	38,685
	\$117,658

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1966

EXPENDITURE

ANTI-CANCER FOUNDATION—

	\$
Salaries	54,181
Payroll Tax and Insurance	1,249
Physics Section Expenses	246
Equipment	781
Library	971
Sundries	3,153
Patients' Transport	122
Patients' Care	359
Car Expenses	283
Travelling Expenses	1,481
Hostel Building Repairs and Maintenance	1,394
Hostel Building Equipment	32
Linear Accelerator Maintenance	1,146
Publications	690
Films	266
Subscription to Anti-Cancer Society	2,000
Computing Expenses	78
Visiting Lectures	53
Grant to Department of Obstetrics—Equipment and Maintenance	19,736
Grant to Institute of Medical and Veterinary Science	1,170
Grant to Physical Chemistry—Maintenance	2,320
Grant to Physical Chemistry—Equipment	371
Grant to Flinders University	9,452

\$101,534

UNION FEES—

Paid to Union Council	149,701
Refunded to Students	2,125
South Australian Institute of Technology	749

\$152,575

ADULT EDUCATION—

Administrative Salaries	39,610
Honoraria—Tutors and Lecturers	37,633
Payroll Tax and Insurance	1,390
Travelling Expenses—Staff	2,935
Tutors' Travelling Expenses	2,702
Printing and Programmes	985
Advertising	2,105
Library	975
Administrative Expenses	5,133
Schools and Special Programmes Expenses	22,827
Furniture and Equipment	963
Depreciation of Motor Vehicles	400

\$117,658

THE UNIVERSITY
STATEMENT OF SEPARATE

	INCOME	\$
EDWARD NEALE TRUST FUND—		
Income for the Year 1966	<u>\$3,153</u>
 MEDICAL RESEARCH COMMITTEE—		
Sheridan Income	20,205
G. M. Dowling Income Account	6,026
J. T. Mortlock Income Account	3,320
Sewell Myer Income Account	2,150
Jean B. Reid Income Account	9,075
		<u>\$40,776</u>
 PUBLIC EXAMINATIONS BOARD—		
Fees Received	151,225
Sundry Income	4,489
H.M. Government Contribution for Fees of Teaching Scholars	4,056
Deficit for Period 1/4/66-31/3/67 (to be reimbursed by South Australian Government)	71,233
		<u>\$231,003</u>

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1966

EXPENDITURE

EDWARD NEALE TRUST FUND—		\$
Transferred to Anti-Cancer Fund, 1966		<u>\$3,153</u>
MEDICAL RESEARCH COMMITTEE—		
Salaries, Payroll Tax and Insurance	17,067	
Studentships	900	
	<u>17,967</u>	
Departmental Expenditure—		
Physiology	2,293	
Physiology—Equipment	2,291	
	<u>4,584</u>	
Pathology	393	
Pathology—Equipment	3,175	
	<u>3,568</u>	
Dentistry	979	
Dentistry—Equipment	130	
	<u>1,109</u>	
Medicine	1,327	
Medicine—Equipment	1,019	
	<u>2,346</u>	
Anatomy		195
Obstetrics		
Obstetrics—Equipment	2,335	
	<u>738</u>	
Microbiology		3,073
Surgery		794
Surgery—Equipment	1,473	
	<u>831</u>	
Research Fellowship Expenses		2,304
Biochemistry		191
Biochemistry—Equipment	662	
	<u>1,244</u>	
Child Health		1,906
Child Health—Equipment	523	
	<u>1,816</u>	
Grant to Australian Journal of Experimental Biology and Medical Science		2,339
		<u>400</u>
		<u>\$40,776</u>
PUBLIC EXAMINATIONS BOARD—		
Salaries	40,007	
Payroll Tax and Insurance	6,637	
Examiners, Supervisors and Local Secretaries	116,593	
Printing and Stationary	32,460	
Sundry Examination Expenses	140	
Postages and Petty Cash	2,750	
Sundries	3,801	
Electricity	656	
Telephone	800	
Rent—Elizabeth House	9,136	
Cleaning—Elizabeth House	1,119	
Computing Expenses	13,307	
Hire of Halls	567	
Recordings	3,030	
	<u>\$231,003</u>	

THE UNIVERSITY
STATEMENT OF SEPARATE

PUBLIC EXAMINATIONS BOARD—

	\$
<i>Capital Account</i> —Accumulated Debit Balance at 31/3/67	144,534

144,534

INCOME

BOARD OF PUBLIC EXAMINATIONS IN MUSIC—

Fees Received for Year 1966	20,430
Deficit 1966 (Transferred from Accumulated Fund)	230

20,660

HOSPITAL FEES—

Fees—Medicine	33,300
Dentistry	2,415

35,715

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 of

Adelaide, 9th May, 1967.

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1966

PUBLIC EXAMINATIONS BOARD—

	\$
Capital Account—Accumulated Debit Balance brought forward from 31/3/66	104,681
Less H.M. Government of South Australia Reimbursement of Deficit 1965/66, Including Contribution for Fees of Teaching Scholars ...	31,380
	<u>73,301</u>
Plus Deficit for year ended 31/3/67 (to be reimbursed by South Australian Government)	71,233
	<u>\$144,534</u>

EXPENDITURE

BOARD OF PUBLIC EXAMINATIONS IN MUSIC—

Clerical Expenses	400
Printing and Stationery	1,120
Examiners and Supervisors	11,068
Examiners and Supervisors—Travelling Expenses	450
Sundries	598
Postages	337
Furniture and Equipment	2,735
Organist	100
A.M.E.B. Scholarships	1,445
Administration Charges	2,043
A.M.E.B. Adjustments	364
	<u>\$20,660</u>

HOSPITAL FEES—

Queen Victoria Maternity Hospital	4,569
Director-General of Medical Services	3,784
Queen Victoria Maternity Hospital—Honorary Staff	399
Queen Elizabeth Hospital	7,956
Queen Elizabeth Hospital—Honorary Staff	4,238
Royal Adelaide Hospital—Honorary Staff	8,866
Adelaide Children Hospital—Honorary Staff	1,602
Adelaide Children's Hospital	1,886
Dental Hospital	2,415
	<u>\$35,715</u>

W. MEIKLEJOHN,
Bursar.

the year which ended on the 31st December, 1966, 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 1967.

PART IV

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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

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.

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 pages 1103-7.

I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

- Group A:* Biology, Botany I, Chemistry I, General Mathematics, 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;
 - General Physics and Physics I;
 - Geology I and Geology I (Agriculture);
 - Mathematics IS or General Mathematics, 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. *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.

5. *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. For the Ordinary degree

The fee for attendance (or re-attendance) at lectures and practical work and the annual examination in each subject shall, subject to the provision below, be as follows:

	Lectures (inclusive fee)	Practical Work
1. Agricultural Economics, Applied Mathematics II, Biometry IB, Economics II, Economic Statistics I, General Mathematics, Mathematics I, Mathematics IS and Pure Mathematics II, each - - - - -	\$72	
2. Biology, Botany I, Chemistry I, General Physics, Geology I, Geology I (Agriculture), Physics I and Zoology I, each (inclusive fee) - - - - -	\$72	
3. Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II and Zoology II, each - - - - -	\$72	\$24
4. Agriculture I, Biometry IA, each - -	\$36	
5. Agricultural Microbiology - - - -	\$36	\$12
6. Agricultural Biochemistry I, Agriculture II, Animal Physiology and Production I, Crop Physiology, Entomology and Plant Pathology, and Soil Science I, each - - -	\$72	\$12
7. Agricultural Biochemistry II, Agriculture III, Agronomy, Animal Physiology and Production II, Biometry II, Entomology II, Horticultural Science, Plant Breeding, Plant Pathology II, Soil Science II, each - -	\$72	\$30
8. Genetics II - - - - -	\$72	\$72

Provided that the total annual fee payable by a student shall not exceed \$288.

Note: The fee for compulsory tours (\$100) in Agriculture III is additional to the above fees.

B. For the Honours degree

Inclusive fee for courses which the Head of the Department deems necessary for the Honours course in the subject selected, including the examinations required - - \$240

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.

* Amended 12th December, 1963.

† Amended 28th January, 1965.

§ Amendment awaiting allowance at time of printing.

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.

* (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.

Allowed 16th March, 1961.

*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 pages 1103-7.

3. 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, must obtain the permission of the Faculty.

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)

FIRST YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures 3 Tutorials 2	72
TP81	General Physics	Lectures 3 Tutorial 1 Practical 3		72
TI21	Chemistry IA	Lectures 2 Practical 3	48 12
TJ11	Engineering Drawing	Practical 3	

SECOND YEAR

(To be offered for the last time in 1968)

TM71	Mathematics I (Engineering)	Lectures 3 Tutorials 2	72
TP82	*Physics B (Engineering)	Lectures 2 Practical 3		36
SC22	*Chemistry IIA	Lectures 3 Practical 6	96
TT82	Engineering Materials	Lectures 2 Practical 2		33
And in addition, if not taken in the First Year			
TJ11	Engineering Drawing	Practical 3	33

THIRD YEAR

(To be offered for the last time in 1970)

SO73	*Organic Chemistry IIA	Lectures 2 Practical 6	72
TI83	Applied Physical Chemistry	Lectures 2 Practical 3		36
TJ01	Mechanical Engineering I(T)	Lectures 2	27
TJ73	Materials and Structures	Lectures 2 Practical 2	33
TI03	Process Technology I Vacational Report (First)	Lectures 2 ² , 3 ¹		27

FOURTH YEAR

(To be offered for the last time in 1972)

TE83	Electrical Engineering IIA(T)	Lectures 2 Practical 2	33
TJ12	Engineering Drawing and Design II	Lectures 1 Practical 3	
<i>either</i>			
TI74	Analytical Chemistry	Lectures 1 Tutorial 1 Practical 3	33
<i>or</i>			
TI84	Process Control (T)	Lectures 1 Practical 3	33
TI04	Process Technology II	Lectures 2 Practical 6		45
TI94	Unit Operations	Lectures 1 Tutorials 3 Practical 3	33
TA94	Industrial Economics Vacational Report (Second)	Lectures 1 ²		14

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

** 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 First and Second Years by a student in Course A. Details are shown in Clause 5(a).

THIRD YEAR

(To be offered for the last time in 1970)

Subject No. in Syllabus	Subject	Lectures	Hours a week	Fee \$
SO73	*Organic Chemistry IIA	Lectures ... Practical ...	2 6	} 72
TI83	Applied Physical Chemistry	Lectures ... Practical ...	2 3		} 36
SY73	*Human Nutrition	Lectures ...	1	30
TI03	Process Technology I	Lectures ...	2 ² , 3 ¹	27
TI13	Industrial Microbiology I	Lectures ... Practical ...	2 4	} 60
	Vacational Report (First)			

FOURTH YEAR

(To be offered for the last time in 1972)

either

TJ21	Refrigeration Engineering I	Lectures ...	2	27
	<i>or</i>			
TJ73	Materials and Structures	Lectures ... Practical ...	2 2	} 33
	<i>or</i>			
TI84	Process Control (T)	Lectures ... Practical ...	1 3	} 33
TI04	Process Technology II	Lectures ... Practical ...	2 6		} 45
TI94	Unit Operations	Lectures ... Tutorials ... Practical ...	1 3 3	} 33
TA94	Industrial Economics	Lectures ...	1 ²		14
TI14	Industrial Microbiology II	Lectures ... Practical ...	2 6	} 72
	Vacational Report (Second)			

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

(c) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... Tutorials ...	3 2	} 36
TP01	Applied Physics I	Lectures ... Tutorial ... Practical ...	3 1 2		} 39
TH01	Chemistry I(T)	Lectures ... Tutorial ... Practical ...	3 1 3	} 42
TH91	Basic Science Techniques	Lectures ... Practical ...	1 ¹ 3 ²		} 33
TT81	Engineering Materials A	Lectures ... Practical ...	1 3 ²	} 33
	General Studies Elective I	Tutorials ...	2		27

SECOND YEAR

TM02	Mathematics IIA	Lectures ... Tutorials ...	3 2	} 36
TH02	Physical Chemistry II(T)	Lectures ... Tutorials ... Practical ...	2 1 3		} 39
TH12	Organic Chemistry II(T)	Lectures ... Practical ...	2 3	} 36
TH22	Applied Chemistry I	Lectures ... Tutorials ...	3 3 ²		} 36
TH92	Engineering Service	Lectures ... Practical ...	1 3	} 33
	General Studies Elective II	Tutorials ...	2		27
	Vacational Report (First)			

		THIRD YEAR		Hours	Fee
Subject No. in Syllabus	Subject			a week	\$
TH23	Applied Chemistry II	Lectures	3	}	39
		Practical	3		
TH53	Chemical Process Kinetics	Lectures	2	}	27
TH63	Chemical Instrumentation	Lectures	2		
		Practical	3 ²	}	33
TH83	Process Dynamics and Control	Lectures	1		
		Practical	3	}	33
TH43	Fluid and Particle Mechanics	Lectures	1		
		Practical	3 ¹	}	27
TH73	Transfer Operations	Lectures	2		
		Practical	3 ²	}	33
	General Studies Elective III	Tutorials	2			}	27
	Vacational Report (Second)				

6. APPLIED PHYSICS — NEW COURSE

		FIRST YEAR		Hours	Fee
Subject No.	Subject			a week	\$
TM01	Mathematics IA	Lectures	3	}	36
		Tutorials	2		
TP01	Applied Physics I	Lectures	3	}	39
		Tutorial	1		
		Practical	2		
TH01	Chemistry I(T)	Lectures	3	}	42
		Tutorial	1		
		Practical	3		
TK81	Basic Engineering Techniques	Lectures	1	}	33
		Practical	3		
	General Studies Elective I	Tutorials	2	}	27
		SECOND YEAR		Hours	Fee
TM02	Mathematics IIA	Lectures	3	}	36
		Tutorials	2		
TP02	Applied Physics II	Lectures	4	}	45
		Tutorial	1		
		Practical	3		
TM82	Mechanics I(T)	Lectures	1 ¹	}	9
		Tutorial	1 ¹		
TE92	Electrotechnology	Lectures	1	}	33
		Practical	2		
TL92	Electronics (T)	Lectures	2	}	33
		Practical	2		
	General Studies Elective II	Tutorials	2	}	27
	Vacational Report (First)				
		THIRD YEAR		Hours	Fee
TM03	Mathematics IIIA	Lectures	1	}	27
		Tutorial	1		
TP03	Applied Physics III	Lectures	5	}	45
		Tutorial	1		
		Practical	10		
<i>either</i>					
TT93	Introductory Metallurgy for Physicists	Lectures	2 ²	}	33
		Practical	3 ²		
TM93	Programming I(P)	Lectures	1 ¹	}	9
		Tutorial	1 ¹		
TP93	Control Studies	Lectures	1 ²	}	22
		Practical	2 ²		
<i>or</i>					
SZ71	*Biology	Lectures	2	}	72
		Practical	5		
	General Studies Elective III	Tutorials	2	}	27
	Vacational Report (Second)				

* Lectures and practical work in this subject are at present given at the University.

7. PRIMARY METALLURGY COURSE

(a) *Old Course*

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years 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 Practical .. 4 ²	} 48
TI83	Applied Physical Chemistry	Lectures .. 2 Practical .. 3		} 36
TE83	Electrical Engineering IIA(T)	Lectures .. 2 Practical .. 2	} 33
TT53	Introductory Mineral Processing	Lectures .. 1 Tutorial .. 1 Practical .. 2		} 33
TI03	Process Technology I Vacational Report (First)	Lectures .. 2 ² , 3 ¹	27

FOURTH YEAR

(To be offered for the last time in 1972)

TT64	Mineral Processing	Lectures .. 2 Seminars .. 1 Practical .. 3	} 39
TT44	Extractive Metallurgy I	Lectures .. 2 Seminar .. 1 Practical .. 3		} 39
TI84	Process Control (T)	Lectures .. 1 Practical .. 3	} 33
TA94	Industrial Economics	Lectures .. 1 ²		14
TI94	Unit Operations	Lectures .. 1 Practical .. 3	} 33
or			
TN02	Mineral Engineering I	Lectures .. 2 Practical .. 1	} 33
and			
TC73	Hydraulics (T)	Lectures .. 1 ¹ Practical .. 3	} 27
TT84	Primary Metallurgy Projects Vacational Report (Second)	7		42

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures .. 3 Tutorials .. 2	} 36
TP01	Applied Physics I	Lectures .. 3 Tutorial .. 1 Practical .. 2		} 39
TH01	Chemistry I(T)	Lectures .. 3 Tutorial .. 1 Practical .. 3	} 42
TT71	Basic Science Techniques (M)	Lectures .. 1 Tutorials .. 2 Practical .. 4		} 42
TT91	Materials Science (T) General Studies Elective I	Lectures .. 2 Tutorials .. 2	27 27

		SECOND YEAR			
Subject No. in Syllabus	Subject		Hours a week	Fee \$	
TM02	Mathematics IIA	Lectures	3	}	36
		Tutorials	2		
TH02	Physical Chemistry II(T)	Lectures	2	}	39
		Tutorial	1		
		Practical	3		
TN12	Mineral Processing I	Lectures	3	}	45
		Tutorial	1		
		Practical	5		
TT22	Industrial Metallurgy I	Lectures	2 ^a	}	26
		Tutorial	1 ²		
		Practical	3 ²		
TH92	Engineering Service	Lectures	3	}	42
		Tutorial	1		
		Practical	3		
	General Studies Elective II	Tutorials	2		27
	Vacational Report (First)				
		THIRD YEAR			
TN13	Mineral Processing II	Lectures	2	}	42
		Tutorials	2		
		Practical	3		
TT63	Extraction Metallurgy	Lectures	3	}	45
		Tutorials	3		
		Practical	6		
TT83	Metallurgical Process Analysis	Lectures	2	}	42
		Tutorials	2		
		Practical	3		
TH93	Process Control	Lectures	1	}	33
		Tutorial	1		
		Practical	2		
TT92	Metallurgical Techniques	Lectures	2	}	36
		Tutorial	1		
		Practical	3		
	General Studies Elective III	Tutorials	2		27
	Vacational Report (Second)				

8. SECONDARY METALLURGY COURSE

(a) Old Course

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years 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	}	36
		Practical	3		
TE83	Electrical Engineering IIA(T)	Lectures	2	}	33
		Practical	2		
TI03	Process Technology I	Lectures	2		27
TT83	Physical Metallurgy I	Lectures	1	}	33
		Practical	3 ^a		
TT43	Industrial Metallurgy A	Lectures	2	}	33
		Practical	3 ¹		
	Vacational Report (First)				

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 \$
TT34	Physical Metallurgy II	Lectures ... 2 Tutorial ... 1	} 33
TT74	Metal Fabrication	Lectures ... 1 Practical ... 3 ¹		} 27
TT94	Foundry Practice	Lectures ... 1 Practical ... 3 ²	} 33
TA94	Industrial Economics	Lectures ... 1 ²		14
TT54	Metallurgical Thermodynamics and Kinetics	Lectures ... 2 Tutorial ... 1	} 33
TT84	Physical Metallurgy Projects Vacational Report (Second)	17		45

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorials ... 2	} 36
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2		} 39
TH01	Chemistry I(T)	Lectures ... 3 Tutorial ... 1 Practical ... 3	} 42
TT71	Basic Science Techniques (M)	Lectures ... 1 Tutorial ... 2 Practical ... 4		} 42
TT91	Materials Science (T) General Studies Elective I	Lectures ... 2 Tutorial ... 2	27 27

SECOND YEAR

TM02	Mathematics IIA	Lectures ... 3 Tutorials ... 2	} 36
TH02	Physical Chemistry II(T)	Lectures ... 2 Tutorial ... 1 Practical ... 3		} 39
TT02	Physical Metallurgy IA	Lectures ... 2 Tutorials ... 2 Practical ... 5	} 45
TT22	Industrial Metallurgy I	Lectures ... 2 ² Tutorial ... 1 ³ Practical ... 3 ²		} 26
TT92	Metallurgical Techniques	Lectures ... 2 Practical ... 3 Tutorial ... 1	} 36
TT12	Engineering I(T) General Studies Elective II Vacational Report (First)	Lectures ... 1 Tutorial ... 1 Tutorials ... 2		27 27

THIRD YEAR

TT03	Physical Metallurgy IIA	Lectures ... 3 Tutorials ... 2 Practical ... 3	} 45
TT23	Industrial Metallurgy II	Lectures ... 4 Tutorial ... 1 Practical ... 5	
TT73	Extraction Metallurgy A	Lectures ... 2 Tutorial ... 1 Practical ... 3	} 39
TT13	Engineering II(T) General Studies Elective III Vacational Report (Second)	Lectures ... 2 Tutorial ... 1 Practical ... 2 ³ Tutorials ... 2		36 27

9. MINERAL ENGINEERING COURSE

(a) *Old Course*

FIRST YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures ... 3 Tutorials ... 2	} 72
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 72
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	48 12
TV91	Civil Drawing I	Practical ... 4	33
TJ91	Workshop Practice IB	Lectures ... 1 Practical ... 3 ¹	} 27
TK01	Engineering Mechanics I	Lectures ... 2 Practical ... 1		} 33

SECOND YEAR

(To be offered for the last time in 1968)

TM71	Mathematics I (Engineering)	Lectures ... 3 Tutorials ... 2	} 72
SG83	<i>either</i> *Geology I (Engineering)	Lectures ... 2 Tutorial ... 1 Practical ... 2	
SG01	<i>or</i> *Geology I	Lectures ... 2 Tutorial ... 1 Practical ... 3	} 72
TV12	Structures IA(T)	Lectures ... 3 Practical ... 2		} 39
TV21	Surveying I(T)	Lectures ... 2 Tutorial ... 1 Practical ... 3	} 45
TM42	Applied Mathematics (T)	Lectures ... 3 Tutorial ... 1		} 33
	Mining Trip Vacational Experience		

THIRD YEAR

(To be offered for the last time in 1970)

TJ12	Engineering Drawing and Design II	Lectures ... 1 Practical ... 3	} 33
TN93	Applied Geology	Lectures ... 3 Practical ... 4		} 42
TV13	Civil Engineering A (Min.)	Lectures ... 3	33
TC73	Hydraulics (T)	Lectures ... 1 Practical ... 3 ¹	} 27
TP82	Physics B (Engineering)	Lectures ... 2 Practical ... 3		} 36
TN02	Mineral Engineering I	Lectures ... 2 Practical ... 1	} 33
TC82	Survey Camp Geology Field Trip Vacational Report (First)			15

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 \$
TV94	Civil Engineering B (Min.)	Lectures ... 3 Practical ... 3	} 39
TD83	Methods of Construction and Management	Lectures ... 1	
TE83	Electrical Engineering IIA(T)	Lectures ... 2 Practical ... 2	} 33
TP84	Mineral Engineering II	Lectures ... 3 Practical ... 3	
TV14	Structures IIA(T)	Lectures ... 1 Practical ... 2	} 33
TN94	Mineral Exploration	Lectures ... 2 Practical ... 3	
	Drilling Camp		
	Visit to Oil Rig		
	Vacational Report (Second)		

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

(b) New Course

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorials ... 2	} 36
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2	
TH81	Engineering Chemistry and Materials	Lectures ... 2 Practical ... 3	} 36
TK01	Engineering Mechanics I	Lectures ... 2 ² , 1 ¹ Tutorial ... 1 Practical ... 1 ¹	
TK91	Engineering Drawing	Practical ... 3	} 33
TK71	Basic Engineering Techniques (Part Course)	Lectures ... 1 Practical ... 3 ¹	
	General Studies Elective I	Tutorials ... 2	} 27

SECOND YEAR

TM02	Mathematics IIA	Lectures ... 3 Practical ... 2	} 36
SG83	*Geology I (Engineering)	Lectures ... 2 Tutorial ... 1 Practical ... 2	
TC01	Surveying I	Lectures ... 2 Tutorial ... 1 Practical ... 3	} 39
TN02	Mineral Engineering I	Lectures ... 2 Practical ... 1	
TK02	Engineering Mechanics II	Lectures ... 4 Practical ... 3	} 42
	General Studies Elective II	Tutorials ... 2	
	Vacational Report (First)		} 27

THIRD YEAR

TK22	Mechanical Design I	Lectures ... 1 Practical ... 3	} 33
TN03	Mineral Engineering IIA	Lectures ... 3 Practical ... 3	
TN83	Mineral Engineering IID	Lectures ... 1 Practical ... 3 ¹	} 27
TN93	Applied Geology	Lectures ... 3 Practical ... 4	
TC73	Hydraulics (T)	Lectures ... 1 Tutorial ... 1 Practical ... 3 ¹	} 33
TE72	Electrical Engineering SC(T)	Lectures ... 2 Practical ... 2	
	General Studies Elective III	Tutorials ... 2	} 27
	Vacational Report (Second)		

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

10. DATA PROCESSING COURSE

(a) *Old Course*

FIRST YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM81	General Mathematics	Lectures ... 3	} 72
		Tutorials ... 2	
TP81	General Physics	Lectures ... 3	} 72
		Tutorial ... 1	
		Practical ... 3	
TI21	Chemistry IA	Lectures ... 2	} 48
		Practical ... 3		12

SECOND YEAR

(To be offered for the last time in 1968)

TM32	Applied Mathematics II(T)	Lectures ... 3	} 36
		Tutorials ... 2	
TM52	Accounting Mathematics I	Lectures ... 1	} 27
		Tutorial ... 1	
TM72	Programming	Lectures ... 1	} 33
		Tutorials ... 2	
TA82	Principles of Business and Industry B	Lectures ... 2	27
TA91	Accounting I	Lectures ... 2	} 36
		Tutorials ... 2	

THIRD YEAR

(To be offered for the last time in 1970)

TM53	Numerical Mathematics I	Lectures ... 3	} 33
		Tutorial ... 1	
TM92	Statistics	Lectures ... 3	} 33
		Tutorial ... 1	
TL83	Electronics and Logical Design	Lectures ... 2	} 33
		Tutorial ... 1	
TA92	Economics (T)	Lectures ... 2	} 33
		Tutorial ... 1	
TM43	First Project Vacational Report (First)	Tutorials ... 4	} 48

FOURTH YEAR

(To be offered for the last time in 1972)

TM84	Numerical Mathematics II	Lectures ... 3	} 72
		Tutorial ... 1	
TM73	System Analysis	Lectures ... 2	} 48
		Tutorials ... 2	
TM74	Operations Research	Lectures ... 3	} 33
		Tutorial ... 1	
TU94	Supervision—Human Relations	Lectures ... 1½	27
TM94	Second Project Vacational Report (Second)	Tutorials ... 7	} 72

(b) *New Course*

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
TM01	Mathematics IA	Lectures ... 3	} 36
		Tutorial ... 2	
TP01	Applied Physics I	Lectures ... 3	} 39
		Tutorial ... 1	
		Practical ... 2	
TM21	Programming I	Lectures ... 2	} 33
		Practical ... 1	
TA81	Accounting I	Lectures ... 2	} 33
		Tutorial ... 1	
		Practical ... 1	
	General Studies Elective I	Tutorials ... 2	27

SECOND YEAR

TM02	Mathematics IIA	Lectures	3	}	36
		Tutorials	2		
TM22	Programming II	Lectures	1	}	42
		Practical	6		
TM92	Statistics	Lectures	3	}	33
		Tutorial	1		
TA92	Economics (T)	Lectures	2	}	33
		Tutorial	1		
	General Studies Elective II	Tutorials	2		27
	Vacational Report (First)				

THIRD YEAR

TM53	Numerical Mathematics I	Lectures	3	}	39
		Tutorial	1		
		Practical	2		
TM73	System Analysis	Lectures	2	}	48
		Tutorial	1		
TM23	Programming III	Lectures	1	}	42
		Practical	6		
TU83	Administration	Lectures	3		33
TM63	Operations Research I	Lectures	3	}	33
		Tutorial	1		
	General Studies Elective III	Tutorials	2		27
	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 \$240.

13. SCHEDULE OF FEES

- A. For attendance at lectures, practical work, thesis or other work and annual examination: the fees prescribed in the schedules of subjects for the degree (see Clauses 5 to 10 above for the Ordinary degree and Clause 12 above for the Honours degree).
- B. For special or supplementary examination (theoretical or practical or both) in any subject - - - - \$20
- C. For admission to the degree - - - - \$10.50



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 two classes. 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

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. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957 may complete the course for that degree in accordance with the regulations and schedules governing it in 1957, or with such modifications as the Council may from time to time approve, provided that he does so by December 31, 1965.

Allowed 9th January, 1958.

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 pages 1103-7.

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. For the Ordinary Degree:

- | | | |
|---|-----------|-------|
| (1) For each year's work, including one annual examination | - - - - - | \$288 |
| (2) For a supplementary or special examination (theoretical or practical or both) in any subject | - - - - - | \$20 |
| (3) For subjects taken separately: \$72 each up to a maximum of the annual fee of \$288 for the full year's course. | | |

B. For the Honours Degree:

- | | | |
|---|-----------|------|
| For the additional Honours work and examination | - - - - - | \$90 |
|---|-----------|------|

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 pages 1103-7.

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;
 General Mathematics;
 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, IIA, IIB, IIIA, and IIIB;
 Psychology I, IA, IIA, IIB, 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;
 General Physics;
 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;
 General Mathematics and *either* Mathematics I *or* Mathematics IS;
 General Physics and Physics I;
 Geography I and Economic Geography;
 German I and German IA;
 German II and German IIA;
 Mathematics II and *either* Pure Mathematics II *or* Applied Mathematics II;
 Politics IIA and Politics IIB;
 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, General Mathematics, 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, General Mathematics, General Physics, Geography I, Geology I, German I, German IA, Greek I, History IA, History IB, History IC, 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 IIA <i>or</i> IIB	Politics IIIA <i>or</i> IIIB
15. Psychology I	Psychology IIA <i>or</i> IIB	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.

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. (a) Every candidate for an Honours degree shall pass in French I or German I or German IA or Greek I or Latin I, or in an equivalent examination in a foreign language and literature approved by the Faculty. In the Honours schools of Computing Science, Economics, Geography, History, Mathematics, Music, Philosophy, Politics, and Psychology, he may, alternatively, pass in the Special Language Examination, which does not count as a subject.

(b) Except in the case of a candidate for the Honours degree in the School of English Language and Literature, 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 sub-paragraph (a) of this clause by passing in English I.

3. 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, comply with the provisions of Clause 2 above, and must complete also 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 or Elementary Greek.
- (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.
- (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 (*A or B*), Politics 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, IIA and IIIA;
 Psychology IIB and IIIB;
 Three other subjects.

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 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.:

- | | |
|---|------|
| (1) For attendance (or re-attendance) at lectures and annual examination in each course except in Science subjects - - - - | \$72 |
| (2) For a special examination in any course - | \$20 |
| (3) For an annual examination with exemption from attendance or re-attendance at lectures | \$36 |
| (4) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science. | |

B. Honours Degree of B.A.:

- | | |
|--|-------|
| (1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A. | |
| (2) For each of Old and Middle English I and II, Old and Middle French I and II, and German IIB and IIIB - - - - - | \$72 |
| (3) For Honours Mathematics III - - - - | \$144 |

- (4) For instruction and final examination in the following schools:

Classics, Computing Science, Economics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Geography, German Language and Literature, His- tory, Latin (Scheme A and Scheme B), Mathematics, Music, Philosophy, Politics, Psychology, each - - - - -	\$240
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- (5) For the examination in a language other than
English approved by the Faculty - - - \$12

Notes: 1. These fees cover all work, except courses for the Ordinary degree and interim courses provided for in B. (2) above, which the head of the school deems necessary for the Honours course selected.

2. The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 684.

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

in 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.

* Amended 28th January, 1965.
Allowed 16th March, 1961.

Schedules made by the Council under Regulation 2

Notes: 1. The dental clinical year begins on 1st February. 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 pages 1103-7.

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 and Physiology, (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) Applied Oral Anatomy and Applied Physiology, (c) General Pathology, (d) Microbiology, (e) Oral Pathology and Microbiology, (f) Conservative Dentistry, (g) Prosthetic Dentistry, (h) 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
- (iii) General Physics or Physics I
- (iv) An approved fourth subject selected from those which may be presented for the Ordinary degrees 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 and Physiology
- (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) Applied Oral Anatomy and Applied Physiology
- (iii) General Pathology
- (iv) Oral Pathology and 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. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course for the Ordinary degree—	
First year - - - - -	\$288
Each subsequent year - - - - -	\$330
B. For attendance at lectures, practical work and examination at a Final Examination, not being an annual examination, under Regulation 10 - - - - -	
	\$164
C. For a supplementary examination in Clinical Dentistry I -	\$48
D. For a supplementary examination in any other subject -	\$20
E. For the year's Honours work and examination - - -	\$240

NOTE: The following additional fees are payable by dental students:

For the hire of microscopes in each of the second, third, fourth and fifth years - - - - -	\$12
For the hire of dental instruments in each of the third, fourth and fifth years - - - - -	\$40
(Deposit payable at the beginning of the third year, \$20.)	

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 pages 1103-7.

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 prescribed for the Ordinary degree as follows:
 Economic Development I, *or* Management Accounting;
 Economic Geography *or* Mathematics (Economics);
 Economics I, II, III;
 Economic Statistics I;
 Economic Theory;
 Elements of Accounting;
 Two subjects approved by the Dean.
- (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.

SCHEDULE IV — FEES

- A. For attendance (or re-attendance) at lectures and annual examination:
- | | |
|---|------|
| (1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule. | |
| (2) For each other subject - - - - - | \$72 |
| (3) For a special examination in any subject - | \$20 |
| (4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - - | \$36 |
- B. For the Honours work and final Honours examination in Economics - - - - - \$240

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 had six months' practical experience, not necessarily consecutive, 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.

‡(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 had six months' practical experience, not necessarily consecutive, 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. 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 completed the first, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering (Old Course) 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 and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of status obtained in the University of Adelaide, should be addressed to the Registrar, the University of Sydney.

AGRICULTURAL ENGINEERING

The University of Melbourne has established a four-year degree course in Agricultural Engineering. Adelaide students who have completed the first, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering (Old Course) 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 and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar, 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 6, 7, 8 and 9.

The first year of each of the courses set out in Clauses 6, 7, 8 and 9 will be offered for the first time in 1967, the second year in 1968, the third year in 1969, and the fourth year in 1970.

To find the syllabuses of the subjects in Clauses 6 to 9 see Table of Subjects on pages 1103-7.

2. PRELIMINARY YEAR

For 1967 only, the following preliminary year will be offered to:

- (i) a candidate who, having taken the course in General Mathematics and General Physics in 1965 or 1966, is eligible to repeat the course; and
- (ii) a matriculated candidate who has passed in Leaving Physics, Mathematics I and Mathematics II but has not passed in Matriculation or Leaving Honours Physics or Mathematics I.

Preliminary Year

General Mathematics and/or
General Physics.

In addition, a candidate may be permitted to enrol for such other subjects of the First Year as are authorised by the Faculty of Engineering. A candidate should consult the Assistant to the Dean of the Faculty for advice on this matter.

3. 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.

4. 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.

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. CONTINUATION OF COURSE OFFERED PRIOR TO 1967

(a) The five-year course offered prior to 1967 is hereafter referred to as the old course, and the four-year course to be offered from March, 1967, as the new course.

The various years of the old course will be offered for the last time as follows:

	Last Year
First and Second Years - -	1966
Third Year - - -	1967
Fourth Year - - -	1968
Fifth Year - - -	1969

(b) A candidate who completes an integral number of years of the old course prior to March, 1967, will be transferred to the new course or will continue with the old course according to the following table.

Year of old course completed prior to March, 1967	Course to be taken in 1967
First Year - - -	Interim First Year of New Course (for details see below)
Second Year - - -	Third Year of old course
Third Year - - -	Fourth Year of old course
Fourth Year - - -	Fifth Year of old course

(c) *Interim First Year of New Course.*

(This will be offered only in 1967 to a candidate who completes the First Year of the old course prior to March, 1967. It replaces the Second Year of the old course.)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM01	Mathematics I	Lectures ... 4 Tutorial ... 2	72
SP01	Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 3		72
NX01	Engineering I	Lectures ... 3 Tutorial ... 1 Practical ... 3	72
<i>or</i>			
NX61	Engineering IA	Lectures ... 2, 1 ¹ Tutorial ... 1 Practical ... 3	72
SO83	Chemistry IB	Lectures ... 1 Practical ... 3 ¹		27
<i>or</i>			
SG01	Geology I	Lectures ... 2 Tutorial ... 1 Practical ... 2	72

- NOTE: (i) A candidate who has previously passed in General Engineering will be exempt from the tutorial in Engineering I or Engineering IA.
- (ii) A candidate who has passed in Graphics may take Engineering IA instead of Engineering I.
- (iii) A candidate for the degree in Civil Engineering *must* take Geology I. A candidate for the degree in Electrical or Chemical Engineering *must* take Chemistry IB. A candidate for the degree in Mechanical Engineering *may* take Chemistry IB or Geology I. Status in Chemistry I will be granted to a candidate who passes in Chemistry IA and Chemistry IB prior to March, 1968.

6. CIVIL ENGINEERING COURSE

(a) *Old Course*

THIRD YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM12	Applied Mathematics II	Lectures ... 4 Tutorial ... 1	72
SG83	Geology I (Engineering)	Lectures ... 2 Practical ... 2 Tutorial ... 1		72
NC73	Strength of Materials	Lectures ... 2 Practical ... 3	48 12
NC83	Surveying A	Lectures ... 1 Practical ... 3	24 12
NC93	Survey Camp (First)	Lectures ... 2	15
NE73	Electrical Engineering S	Lectures ... 1 Practical ... 3	24 12
NM73	Engineering Drawing and Design	Practical ... 3	12

FOURTH YEAR

(To be offered for the last time in 1968)

EE94	Economics (Engineering)	.....	.....	Lectures	2	}	72
				Tutorial	1		
<i>or</i>							
SM94	Mathematics III (Engineering)	.....	.....	Lectures	2	}	72
				Tutorial	1		
NC04	Civil Engineering I	.....	.....	Lectures	3		68
				Practical	6		24
NC74	Hydraulics A	.....	.....	Lectures	2		48
				Practical	3		12
NC84	Instrumentation	.....	.....	Lectures	1		24
				Practical	3		12
NM74	Mechanical Engineering S (C) Machine Design	.....	.....	Lectures	2 ²		32
				Practical	3 ²		8
	Theory of Machines	.....	.....	Lectures	1 ²		16
				Practical	3 ¹		4

FIFTH YEAR

(To be offered for the last time in 1969)

NC05	Civil Engineering IIA	.....	.....	Lectures	3, 1 ²		72
				Practical	6		24
NC15	Civil Engineering IIB	.....	.....	Lectures	2		48
				Practical	8		36
NC75	Civil Engineering IIC Project and Report	.....	.....		150 hrs. total		48
NC85	Survey Camp (Second)	.....	.....				30

(b) *New Course*

FIRST YEAR

SM01	Mathematics I	Lectures	4	}	72
				Tutorial	2		
SP01	Physics I	Lectures	3	}	72
				Tutorial	1		
				Practical	3		
NX01	Engineering I	Lectures	3	}	72
				Tutorial	1		
				Practical	3		
SG01	Geology I	Lectures	2	}	72
				Tutorial	1		
				Practical	2		

NOTE: Details of the subjects Engineering I, Engineering II, and Engineering III are given in Clause 10.

SECOND YEAR

(This course will be introduced in 1968)

Applied Mathematics II	.....	.....	.....	Lectures	4	
				Tutorial	1	
Civil Engineering I	.....	.....	.....	Lectures		
				Tutorial		
				Practical		
Engineering II(C)	.....	.....	.....	Lectures	3	
				Practical	3	

THIRD YEAR

(This course will be introduced in 1969)

Civil Engineering IIA	.....	.....	.....	Lectures		
				Tutorial		
				Practical		
Civil Engineering IIB	.....	.....	.....	Lectures		
				Tutorial		
				Practical		
Engineering III(C)	.....	.....	.....	Lectures	4	
				Tutorial	1	
				Practical	4	

SCHEDULES—DEGREE OF B.E.

FOURTH YEAR

(This course will be introduced in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
	Civil Engineering IIIA	Lectures Tutorial Practical	
	Civil Engineering IIIB	Lectures Tutorial Practical	
	Civil Engineering IIIC	Lectures Tutorial Practical	

7. ELECTRICAL ENGINEERING COURSE

(a) Old Course

THIRD YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SP02	Physics II	Lectures Practical	72 24
SM12	Applied Mathematics II	Lectures Tutorial	4 1
NE03	Electrical Engineering I	Lectures Tutorial Practical	3 2 3
NE83	Vacation Course in Workshop Practice (two weeks' duration)		24

FOURTH YEAR

(To be offered for the last time in 1968)

SM02	Pure Mathematics II	Lectures Tutorial	4 1
NE04	Electrical Engineering II	Lectures Tutorial Practical	4 2 6
NC73	Strength of Materials	Lectures Practical	2 3
NM73	Engineering Drawing and Design	Lectures Practical	1 3

NOTE: A candidate of outstanding academic ability who has completed the Fourth Year is advised to devote an additional year solely to topics selected from statistics, mathematics and physics to improve his qualifications to undertake research in engineering science. A candidate must first be accepted by the Faculty before entering such a course.

FIFTH YEAR

(To be offered for the last time in 1969)

NE05	Electrical Engineering IIIA	Lectures	5	120
NE15	Electrical Engineering IIIB	Lectures	4	96
NE25	Electrical Engineering IIIC	Lectures Practical	1 12	24 16
NE75	Vacation Laboratory Course in Electrical Engineering (three weeks' duration)			24

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:

FIFTH YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NC73	Strength of Materials	Lectures ... 2	48
		Practical ... 3	12
NE35	Electrical Engineering A	Lectures ... 6	144
		Tutorial ... 2	24
		Practical ... 6	18
NM73	Engineering Drawing and Design	Lectures ... 1	24
		Practical ... 3	12

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 .. 7	150
		Practical ... 12	48
NE75	Vacation Laboratory Course in Electrical Engineering (three weeks' duration)		24

(b) New Course

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM01	Mathematics I	Lectures ... 4	72
		Tutorial ... 2	
SP01	Physics I	Lectures ... 3	72
		Tutorial ... 1	
		Practical ... 3	
		Practical ... 3	
SC01	Chemistry I	Lectures ... 3	72
		Tutorial ... 1	
		Practical ... 3	
NX01	Engineering I	Lectures ... 3	72
		Tutorial ... 1	
		Practical ... 3	

NOTE: Details of the subjects Engineering I, Engineering II and Engineering III are given in Clause 10.

SECOND YEAR

(This course will be introduced in 1968)

Applied Mathematics II	Lectures ... 4
	Tutorial ... 1
Physics II	Lectures ... 3
	Tutorial ... 1
	Practical ... 6
Electrical Engineering I	Lectures ... 3
	Tutorial ... 2
	Practical ... 3
Vacation Course in Workshop Practice (two weeks' duration)	

THIRD YEAR

(This course will be introduced in 1969)

Electrical Engineering II	Lectures ... 4
	Tutorial ... 2
	Practical ... 6
Engineering II (E)	Lectures ... 2
	Practical ... 4
Engineering III (E)	Lectures ... 4
	Tutorial ... 2
	Practical ... 3 ¹
<i>or</i>	
Pure Mathematics II	Lectures ... 4
	Tutorial ... 1

NOTE: A candidate of high academic ability who has completed the Third Year 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.

SCHEDULES—DEGREE OF B.E.

FOURTH YEAR

(This course will be introduced in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
Electrical Engineering IIIA	Lectures	...	}
	Tutorial	...	
	Practical	...	
Electrical Engineering IIIB	Lectures	...	}
	Tutorial	...	
	Practical	...	
Electrical Engineering IIIC	Lectures	...	}
	Tutorial	...	
	Practical	...	

8. MECHANICAL ENGINEERING COURSE

(a) Old Course

THIRD YEAR

(To be offered for the last time in 1967)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
SM12	Applied Mathematics II	Lectures	} 72
		Tutorial	
NC73	Strength of Materials	Lectures	} 48
		Practical	
NC83	Surveying A	Lectures	} 24
		Practical	
NC93	Survey Camp (First)	.....	15
NE73	Electrical Engineering S	Lectures	} 48
		Practical	
NM73	Engineering Drawing and Design	Lectures	} 24
		Practical	
NM83	Production Technology	Lectures	} 24
		Practical	

FOURTH YEAR

(To be offered for the last time in 1968)

EE94	Economics (Engineering)	Lectures	} 72
		Tutorial	
<i>or</i>			
SM94	Mathematics III (Engineering)	Lectures	} 72
		Tutorial	
NC94	Civil Engineering S	Lectures	} 48
		Practical	
NE74	Electronics	Lectures	} 24
		Practical	
NM04	Mechanical Engineering IA	Lectures	} 72
		Practical	
NM14	Mechanical Engineering IB	Lectures	} 48
		Practical	

FIFTH YEAR

(To be offered for the last time in 1969)

NM05	Mechanical Engineering IIA	Lectures	} 72
		Practical	
NM15	Mechanical Engineering IIB	Lectures	} 54
		Practical	
NM75	Mechanical Engineering IIC: Project and Report	150 hrs. total	30
NM85	Engineering Management	Lectures	72

(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 7(b).

SECOND YEAR

(This course will be introduced in 1968)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
	Applied Mathematics II	Lectures	4
		Tutorial	1
	Mechanical Engineering I	Lectures	3
		Practical	6
	Engineering II (M)	Lectures	3
		Practical	5

THIRD YEAR

(This course will be introduced in 1969)

	Mechanical Engineering IIA	Lectures	3
		Tutorial	1
		Practical	3
	Mechanical Engineering IIB	Lectures	3
		Tutorial	1
		Practical	6
	Engineering III (M)	Lectures	5
		Tutorial	1
		Practical	3

FOURTH YEAR

(This course will be introduced in 1970)

	Mechanical Engineering IIIA	Lectures	3
		Tutorial	1
		Practical	3
	Mechanical Engineering IIIB	Lectures	3
		Tutorial	1
		Practical	3
	Mechanical Engineering IIIC	Lectures	2
		Tutorial	1
		Practical	6
	Engineering Management	Lectures	1, 1 ²

9. CHEMICAL ENGINEERING COURSE

(a) *Old Course*

THIRD YEAR

(To be offered for the last time in 1967)

SM12	Applied Mathematics II	Lectures	4	}	72
		Tutorial	1		
SO13	Chemistry IIB	Lectures	1		24
NC73	Strength of Materials	Lectures	2		48
		Practical	3		12
NM73	Engineering Drawing and Design	Lectures	1	}	24
		Practical	3		
NH03	Process Engineering I	Lectures	1	}	12
		Tutorial	2 ¹		
NH73	Materials Science	Lectures	2	}	72
		Practical	2		

SCHEDULES — DEGREE OF B.E.

FOURTH YEAR

(To be offered for the last time in 1968)

Subject No. in Syllabus	Subject		Hours a week	Fee \$
NE73	Electrical Engineering S	Lectures	2	48
		Practical	3	12
NM94	Mechanical Engineering S(Ch) Machine Design	Lectures	2 ²	30
		Practical	3 ²	12
NH04	Process Engineering IIA: Unit Operations I	Lectures	2	48
		Tutorial	2	
		Practical	3	12
NH74	Process Engineering IIB: Chemical Reaction Engineering	Lectures	3	72
		Seminars	3 ²	
		Practical	3	12
NH84	Process Engineering IIC: Process Control	Lectures	1	36
		Tutorial	1	
		Practical	3	12

FIFTH YEAR *

(To be offered for the last time in 1969)

NH05	Process Engineering IIIA: Unit Operations II	Lectures	4	96
		Tutorial	3	
		Practical	5	24
NH75	Process Engineering IIIB: Unit Processes II	Lectures	2	48
		Tutorial	2	
		Practical	3	12
NH85	Process Engineering IIIC: Industrial Economics	Seminar	2	24
NH95	Process Engineering IIID: Plant Design	Practical	250 hrs. total	72

* 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 7 (b).

SECOND YEAR

(This course will be introduced in 1968)

Applied Mathematics II	Lectures	4
	Tutorial	1
Physical and Inorganic Chemistry II	Lectures	3
	Practical	6
Engineering II (H)	Lectures	3
	Tutorial	3
	Practical	3 ²

THIRD YEAR

(This course will be introduced in 1969)

Chemical Engineering IIA	Lectures	3
	Tutorial	3
	Practical	3
Chemical Engineering IIB	Lectures	3
	Tutorial	1
	Practical	6
Engineering III (H)	Lectures	4
	Tutorial	0 or 1
	Practical	6 or 4 or 2

FOURTH YEAR

(This course will be introduced in 1970)

Subject No. in Syllabus	Subject	Hours a week	Fee \$
Chemical Engineering IIIA	Lectures ...	5 ²
		Tutorial ...	3 ²
		Practical ...	8 ²
Chemical Engineering IIIB	Lectures ...	4 ²
		Practical ...	3 ¹
Chemical Engineering IIIC	Lectures ...	1 ²
		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 II, Stoichiometry) may complete the academic requirements for the degree of Bachelor of Engineering in Chemical Engineering by passing in the following subjects:

FOURTH YEAR

Engineering II (H), Part 4	.....	Lectures ...	1
		Practical ...	3
Engineering III (H), Parts 6, 7, 10	.....	Lectures ...	4
		Practical ...	4
Chemical Engineering IIA	.....	Lectures ...	3
		Tutorial ...	3
		Practical ...	3
Chemical Engineering IIB	.....	Lectures ...	3
		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 II, should be taken during the long vacation after completion of the Science degree.

10. ENGINEERING I, ENGINEERING II AND ENGINEERING III

(a) *Engineering I*

Subject No. in Syllabus	Subject	Hours a week	Fee \$
NX01	Engineering I	Lectures ...	} 72
		Tutorial ...	
		Practical ...	

This subject is to be taken in First Year by all Engineering candidates. It is to consist of five parts:

- Part (a)—Statics
- Part (b)—Dynamics
- Part (c)—Graphics
- Part (d)—General Engineering
- Part (e)—Drawing

(b) *Engineering II and Engineering III*

These shall be made up of selected parts from the following list:

Part		Hours a week	Fee \$
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, IIIH and IIIH. The parts making up each of these subjects are listed below.

Syllabus
No.

Syllabus No.	Parts	Hours a week	Fee \$
Engineering IIC	6, 7, 9	Lectures ... 3 Practical ... 3	
Engineering IIIC	(3, 4) + 12 or 13	Lectures ... 4 Tutorial ... 1 Practical ... 4	
Engineering IIE	1, 4	Lectures ... 2 Practical ... 4	
Engineering IIIE	5, 9, 12	Lectures ... 4 Tutorial ... 1 Practical ... 3 ²	
Engineering IIM	1, 2, 9	Lectures ... 3 Practical ... 5	
Engineering IIIM	(6, 7, 8) + 12 or 13	Lectures ... 5 Tutorial ... 1 Practical ... 3	
Engineering IIIH	6, 7, 11	Lectures ... 3 Tutorial ... 3 Practical ... 3 ²	
Engineering IIIH	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 on individual parts.

11. PRACTICAL EXPERIENCE

- (a) General: Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b) at least three months must be other than routine work, such as assaying or drawing.

- (b) Chemical Engineering: At least two months of the required six months 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 Fourth Year, each student must visit at least eight Chemical Plants.
- (c) Electrical Engineering: The compulsory practical experience for an Electrical Engineering candidate under Regulation 4 (b) should include excursions, either local or interstate, during the vacation periods in the last two years of the course. Such excursions must be approved in advance by the Head of the Department.

12. 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 - - - -	\$48
Laboratory Project—to be completed by March 1 in the year following that in which the Honours work was taken - - - -	\$72

13. 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.

14. 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 9 above for the Ordinary degree and Clause 12 above for the Honours degree). Provided that the total tuition fee for a standard academic year's work shall not exceed \$288.
- (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) The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 684.

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; amendment awaiting allowance at time of printing.

‡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; further amendment awaiting allowance at time of printing.

° Allowed 17th December, 1959; amended 12th December, 1963.

† Amended 4th April, 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. Subject to the provisions of Regulation 5, 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.

† Amended 4th April, 1963.

‡† Awaiting allowance at time of printing.

° 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 pages 1103-7.

(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.

Second Year: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law II.

* Allowed 22nd December, 1955.

‡ Allowed 18th October, 1956. § Amended 12th December, 1963; further amendment awaiting allowance at time of printing.

†† Allowed 17th December, 1959. Allowed 22nd January, 1953.

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. For attendance (or re-attendance) at lectures and examination in Legal History - - - - -	\$36
B. For attendance (or re-attendance) at lectures and examination in each other legal subject of the course	\$72
C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	\$24
D. 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.	
E. For the additional examination required for the Honours degree of Bachelor of Laws - - - - -	\$60
F. For the Final Certificate - - - - -	\$10.50
G. For a supplementary examination in any subject -	\$20
H. For attendance at the course of lectures in Taxation Law - - - - -	\$36

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 articed to a practitioner practising in the country one year of the period of articles prescribed by the preceding Rule may be served with the Adelaide agent of such practitioner, and the employment of the clerk as a *bona fide* pupil of the Adelaide agent, or his partner (if any) for such period of one year shall be deemed to be service under his articles of clerkship.

9. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State may be deemed by the Board to be a period served as an articed clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless

- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;
- (b) he has given to the 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 articed 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, or 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 articled 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 articled clerks serving under articles at the same time.

18. No practitioner shall take, or retain, any articled 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 articled 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 articled; 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 articled.

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 articled 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 articled or his partner (if any).

(2) A clerk articled 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

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.

*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

Allowed 12th December, 1963.

* Amendment awaiting allowance at time of printing.

such examinations shall be counted *pro tanto* for the Honours degree of Bachelor of Medical Science, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine; but no exemption shall be granted from the year's course of advanced study for the degree.

Schedule I: Pre-requisite work

The pre-requisite work for the various subjects is:

Anatomy, Biochemistry, Physiology: a pass in the First Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Pathology, Microbiology, Pharmacology: a pass in the Second Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Genetics: a pass in the First Professional Examination in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination in Genetics I as prescribed for the degree of Bachelor of Science.

Psychology: a pass in the First Professional Examination in the course for degrees of Bachelor of Medicine and Bachelor of Surgery, and in the annual examination of Psychology I (S) as prescribed for the degree of Bachelor of Science.

Clinical Science: a pass in the Final Professional Examination, Part I, in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Schedule II: Course of Study

The course comprises three equally important aspects undertaken concurrently:

1. *Course of Reading* in selected fields, and the submission of a series of essays associated therewith.
2. *Experimental work*, covering a wide range of techniques.
3. *The undertaking of a research project* which will be assigned early in the course and on which a thesis must be submitted.

Schedule III: Examination

The examination for the degree will consist of a written paper or papers, the essays submitted during the year, the thesis on the research project, an oral examination, and a practical examination if required by the examiners.

Schedule IV: Fees

For the special work and examination in any subject for
the Honours degree - - - - - \$240

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 1st February. 2. Candidates should obtain the descriptive leaflet on the Medical Course, which gives details of the scientific equipment required by each student before commencement of the various years of the course. 3. To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on pages 1103-7.]

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. General Physics *or* 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 supplement-

* For 1967, the following Part I course will be acceptable:

- Mathematics I or IB or IS
- Physics I or IS
- Chemistry I
- Biology I.

tary examination in or about the following May. In the meantime he may proceed with the work of the sixth year.

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 repeat the work of the sixth year and to present himself in or about November for examination in all subjects not already passed.

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.

III. SCHEDULES OF FEES PRESCRIBED BY THE COUNCIL UNDER REGULATION 3.

- A. For attendance (or re-attendance) at lectures, practical work and annual examination:
 - (1) In the first year - - - - - \$288
 - (2) In each of the second, third, fourth, fifth and sixth years - - - - - \$330
- B. For a supplementary examination:
 - (1) In any subject of the Preliminary, First Professional and Second Professional Examinations - \$20
 - (2) 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.

Note: 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.

1. Each medical student admitted to the practice of the Hospital shall be under the control of the Medical Superintendent.
2. 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.
3. No student may introduce visitors into the Hospital without the permission 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. The Hospital clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.
6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all right accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—

- (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
- (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m., for inspection by the Registrar, to whom any failure to attend must be explained;
- (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
- (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
- (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent and do whatever work may be required of him;
- (f) attend post-mortem examinations, and if in charge of the case while in the ward assist the Pathologist in the examination;
- (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
- (h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist;
- (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—

- (a) assist the Admitting Medical Officer in the Casualty Room;
- (b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
- (c) attend or assist at emergency operations, as directed by the Medical Superintendent;
- (d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

14. }
15. } Suspended.
16. }

17. Every medical student shall pay to the University the following fees for admission to the practice of the Royal Adelaide Hospital, as determined by the Hospital Board, viz.

(1) For clinical instruction by the Honorary Staff:—

£17/17/0 per annum in each of the 4th, 5th and 6th years of the course.

(2) For the clinical practice of the Hospital (including instruction in Dentistry and material supplied for use in operating theatres):—

£7/7/0 per annum in each of the 4th, 5th and 6th years of the course.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

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 pages 1103-7.

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. For each year's work and examination	\$240
B. For a supplementary examination in any subject of a year's work	\$20
C. For Chief Practical Study taken separately	\$120
D. For each other subject taken separately (up to a maximum of the annual fee of \$240) for the full year's course)	\$72
E. For subjects taken separately which are 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.	
F. For the Honours work and Final Honours examination	\$240
G. For admission to the degree	\$10.50

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.*

Allowed 12th December, 1963.

*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.

For convenience the subjects of the course are set out in years, but it is not necessary for a candidate to take all the subjects in 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 may not take a third-year subject before completing the first year without permission of the Faculty.

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 1103-7.

FIRST YEAR					
Subject No. in Syllabus	Subject			Hours a week	Fee \$
TP01	Applied Physics 1			Lectures ... 3 Practical ... 6	} 72
SZ71	Biology			Lectures ... 2 Practical ... 6	
TH01	Chemistry I(T)			Lectures ... 3 Tutorial ... 1 Practical ... 3	} 72
TM91	Mathematics IB			Lectures ... 3 Tutorial ... 2	
	General Studies Elective I			Tutorial ... 2	27
SECOND YEAR					
SO02	Organic Chemistry II			Lectures ... 3 Practical ... 6	} 96
TF02	Pharmaceutical Chemistry I			Lectures ... 3 ² , 4 ¹ Practical ... 6 ² , 5 ¹		} 72
TF12	Pharmaceutics I			Lectures ... 4 ² , 3 ¹ Practical ... 6	} 45
	General Studies Elective II			Tutorials ... 2		27
THIRD YEAR					
TF03	Pharmaceutical Chemistry II			Lectures ... 3 ² , 2 ¹ Practical ... 6 ² , 9 ¹	} 45
TF13	Pharmaceutics II			Lectures ... 3 Practical ... 9		} 45
TF73	Physiology and Pharmacology			Lectures ... 2 Practical ... 3 ²	} 33
TF83	Forensic Pharmacy and Pharmaceutical Practice			Lectures ... 3 ¹ , 4 ²		33
	General Studies Elective III			Tutorials ... 2	27

4. 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 \$10
- (c) For admission to the degree \$10.50

* *CORRIGENDUM*: On page 1095 for "TH12. Organic Chemistry II (T)., For syllabus see under Faculty of Technology and Applied Science." read "SO02. Organic Chemistry II., For syllabus see under Faculty of Science."

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.

(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.

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.

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 pages 1103-7.

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, General Physics, General Mathematics, 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:* Applied Mathematics III, Biochemistry II, Botany III, Genetics II, Geology III, Histology, Mathematical Physics A, Mathematical Physics B, Mathematical Statistics II, Microbiology, Organic Chemistry III, Physical and Inorganic Chemistry III, Physics III, Physics IIIH, Physiology II, Psychology II(S), Pure Mathematics III, Zoology III.
- Group D:* Agriculture I, Geography IIC, Honours Mathematics III, Palaeontology, Soil Science I, Soil Science IA, Soil Science IB.

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in Clauses 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) two subjects from Group C.

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 com-

pleted 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;
- General Physics and Physics I;
- Mathematics IS or General Mathematics and Mathematics I;
- Chemistry II and either Physical and Inorganic Chemistry II or Organic Chemistry II;
- Physics III and Physics IIIH;
- Mathematical Physics A and Mathematical Physics B;
- Mathematical Physics A and Applied Mathematics III;
- Mathematical Physics B and Physics III or IIIH.

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 II;
 - 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 both Pure Mathematics III and Applied Mathematics III from Group C.

6. A candidate for the Ordinary degree of Bachelor of Science in Forestry shall:

- (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;

*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.

(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 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

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

	Lectures (inclusive fee)	Practical Work
A. For the Ordinary Degree:		
1. Applied Mathematics II and III, General Mathematics, Mathematical Physics A, Mathematical Statistics I, Mathematical Statistics II, Mathematics I, Mathematics IS, and Pure Mathematics II and III, each - - - -	\$72	
2. Honours Mathematics III - - - -	\$144	
3. Biology, Botany I, Chemistry I, General Physics, Geology I, Physics I, and Zoology I, each (inclusive fee) - - - -	\$72	
4. Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II, Organic Chemistry II, Physical and Inorganic Chemistry II, Physics II, Physiology I, Psychology I(S), and Zoology II, each - - - -	\$72	\$24
5. Biochemistry II, Botany III, Genetics II, Geology III, Histology, Mathematical Physics B, Microbiology, Organic Chemistry III, Physical and Inorganic Chemistry III, Physics III, Physics III H, Physiology II, Psychology II(S), and Zoology III, each - - - -	\$72	\$72
6. Special Subjects:		
A composite subject in lieu of a subject from Group C (inclusive fee) - - - -	\$144	
Palaeontology - - - -	\$72	\$24
Science German (for candidates other than Honours students) - - - -	\$12	
Soil Science I, IA or IB - - - -	\$72	\$24
B. For the Honours Degree:		
For the final-year Honours work and the final examination in any subject - - - -	\$240	
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 a supplementary examination (theoretical or practical or both) - - - -		
	\$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 684.

2. The fees for the work 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; further amendment awaiting allowance at time of printing.

* 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.

† Amended 12th December, 1963.

* Allowed 9th January, 1958.

Allowed 20th December, 1956.

** 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 pages 1103-7.

3. COMPLETION OF SUBJECTS

It is not necessary for a candidate to take all the subjects of any one year simultaneously or to complete all 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 must obtain the permission of the Faculty.

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	72
		Tutorials ... 2	
TP81	General Physics	Lectures ... 3	72
		Tutorial ... 1	
		Practical ... 3	
TD01	Building Science I(T)	Lectures ... 1	27
		Practical ... 1	
TD11	Building Construction and Drawing I	Lectures ... 1	33
		Practical ... 2	
TD21	Quantity Surveying I	Lectures ... 2	27
TD81	Architectural Drawing I(T)	Practical ... 6 ¹ , 3 ²	33
TD91	Free Drawing I(T)	Practical ... 2	27

SECOND YEAR

(To be offered for the last time in 1970)

TM42	Applied Mathematics (T)	Lectures ... 3	33
		Tutorial ... 1	
TD02	Building Science II(T)	Lectures ... 2 ³ , 1 ¹	33
		Practical ... 1	
TD12	Building Construction and Drawing II	Lectures ... 1	33
		Practical ... 2	
TD82	Building Administration I	Lectures ... 2 ¹ , 1 ²	27
TD22	Quantity Surveying II	Lectures ... 2	27
TD12	Structures IA(T)	Lectures ... 3	39
		Practical ... 2	
TC62	Surveying IB	Lectures ... 1	33
		Practical ... 3	
TD82	History of Building	Lectures ... 1	27
		Practical ... 1	
Vacational Report (First)			

THIRD YEAR

(To be offered for the last time in 1972)

TD03	Building Science III(T)	Lectures ... 2	33
		Practical ... 3 ¹	
TD13	Building Construction and Drawing III	Lectures ... 1	39
		Practical ... 5	
TD33	Building Administration II	Lectures ... 2	36
		Practical ... 3	
TD23	Quantity Surveying III	Lectures ... 3	33
TU94	Supervision—Human Relations	Lectures ... 1 $\frac{1}{2}$	27
TD43	Building Administration III	Lectures ... 1 $\frac{1}{2}$	27
TD93	Design of Structures	Lectures ... 1	33
		Practical ... 3	
TD73	Estimating and Costing	Lectures ... 2	27
TA83	Bookkeeping and Accounts	Lectures ... 2	27
Vacational Report (Second)			

(b) New Course

FIRST YEAR

TM91	Mathematics IB	Lectures ... 3	36
		Tutorial ... 2	
TP91	Applied Physics IR	Lectures ... 2	36
		Tutorial ... 1	
		Practical ... 2	
		Practical ... 2	
TH81	Engineering Chemistry and Materials	Lectures ... 2	36
		Practical ... 3	
TB21	Tectonics I	Lectures ... 3	45
		Tutorial ... 1	
		Practical ... 6	
		Practical ... 6	
General Studies Elective I		Tutorials ... 2	27

SCHEDULES—DEGREE OF B.TECH.

Subject No. in Syllabus	SECOND YEAR				Hours a week	Fee \$
	Subject					
TB02	Building Science IR			Lectures Practical	2 3	36
TB12	Design of Structures IR			Lectures Tutorial Practical	1 1 2	
TB22	Tectonics IIB			Lectures Practical	2 7	45
TC62	Surveying IB			Lectures Practical	1 3	
TB92	Building Law			Lectures Tutorial	2 1	33
	General Studies Elective II Vacational Report (First)			Tutorials	2	
THIRD YEAR						
TB03	Building Science IIR			Lectures Practical	2 3	36
TB13	Design of Structures IIR			Lectures Tutorial Practical	1 1 2	
TB23	Tectonics IIIB			Lectures Practical	2 5	42
TA93	Building Accountancy			Lectures Tutorials	2 2	
TM83	Contract Programming			Lectures Tutorial Practical	2 1 2	36
	General Studies Elective III Vacational Report (Second)			Tutorials	2	

6. CIVIL 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 Tutorials	3 2	72
TP81	General Physics			Lectures Tutorial Practical	3 1 3	
TI21	Chemistry IA			Lectures Practical	2 3	48 12
TK01	Engineering Mechanics I			Lectures Tutorial	2 1	
TV91	Civil Drawing I			Practical	4	33
TJ91	Workshop Practice IB			Lectures Practical	1 3	
SECOND YEAR						
(To be offered for the last time in 1970)						
TM71	Mathematics I (Engineering)			Lectures Tutorials	3 2	72
TM42	Applied Mathematics (I)			Lectures Tutorial	3 1	
TV02	Structures I(T)			Lectures Practical	3 4	45
TV21	Surveying I(T)			Lectures Tutorial Practical	2 1 3	
TC73	Hydraulics (I)			Lectures Practical	1 3	27
TJ12	Engineering Drawing and Design II			Lectures Practical	1 3	
	Vacational Report (First)					33

THIRD YEAR

(To be offered for the last time in 1972)

Subject No. in Subject		Hours	Fee
TV03	Structures II(T)	Lectures .. 1 Practical .. 7	} 45
TV33	Civil Engineering A	Lectures .. 3 Seminar .. 1 Practical .. 4		} 45
TV43	Civil Engineering B	Lectures .. 4 Practical .. 3	} 42
TD83	Methods of Construction and Management	Lectures .. 1		} 21
TE83	Electrical Engineering IIA(T)	Lectures .. 2 Practical .. 2	} 33
TC82	Survey Camp Vacational Report (Second)			15

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures .. 3 Tutorials .. 2	} 36
TP01	Applied Physics I	Lectures .. 3 Tutorial .. 1 Practical .. 2		} 39
TH81	Engineering Chemistry and Materials	Lectures .. 2 Practical .. 3	} 36
TK01	Engineering Mechanics I	Lectures .. 2 ² , 1 ¹ Tutorial .. 1 Practical .. 1 ¹		} 33
TC61	Civil Drawing	Practical .. 3	} 33
TK71	Basic Engineering Techniques (Part Course)	Lectures .. 1 Practical .. 3 ¹		} 27
TC81	History of Technology (C.E.)	Tutorials .. 2	27

SECOND YEAR

TM02	Mathematics IIA	Lectures .. 3 Tutorials .. 2	} 36
TC12	Civil Engineering IIA(T)	Lectures .. 3 Tutorials .. 2 Practical .. 3 ²		} 42
TC22	Civil Engineering IIB(T)	Lectures .. 3 Tutorial .. 1 Practical .. 3 ²	} 39
TC01	Surveying I	Lectures .. 2 Tutorial .. 1 Practical .. 3 ²		} 36
TE72	Electrical Engineering SC(T)	Lectures .. 2 Practical .. 2	} 33
	General Studies Elective II Vacational Report (First)	Tutorials .. 2		27

THIRD YEAR

TC13	Civil Engineering IIIA(T)	Lectures .. 3 Tutorials .. 3 ¹ Practical .. 2	} 39
TC23	Civil Engineering IIIB(T)	Lectures .. 4 Tutorials .. 3		} 42
TC33	Civil Engineering IIIC(T)	Lectures .. 2 Practical .. 3 ²	} 33
TC93	Structural Design	Lectures .. 1 Practical .. 4		} 36
TC53	Engineering Computations	Lectures .. 1 Practical .. 2	} 33
	General Studies Elective III Survey Camp Vacational Report (Second)	Tutorials .. 2		27 15

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 Tutorials .. 2	} 72
TP81	General Physics	Lectures .. 3 Tutorial .. 1 Practical .. 3		} 72
TI21	Chemistry IA	Lectures .. 2 Practical .. 3	48 12
TV21	Surveying I(T)	Lectures .. 2 Tutorial .. 1 Practical .. 3	} 39
TJ11	Engineering Drawing	Practical .. 3		33

SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	Lectures ... 3 Tutorials ... 2	} 72
TM42	Applied Mathematics (T)	Lectures ... 3 Tutorial ... 1		} 33
TV22	Surveying II	Lectures ... 2 Practical ... 3	} 36
TV92	Surveying Computations	Lectures ... 3		33
TD92	Town Planning Practice I	Lectures ... 1	21
TV82	Astronomy	Lectures ... 2 Practical ... 3	} 36
TD62	Applied Geology and Economic Geography	Lectures ... 1		21
TD72	Building Construction and Drawing IA	Lectures ... 1 Practical ... 2	} 33
TC82	Survey Camp Vacational Report (First)			15

THIRD YEAR

(To be offered for the last time in 1972)

TV83	Soils Investigations	Lectures ... 1 ² , 2 ¹ Practical ... 3	} 36
TV53	Land Surveying Design and Drafting	Practical ... 3		} 33
TC83	Photogrammetry	Lectures ... 3 Practical ... 6	} 45
TC63	Geodesy	Lectures ... 3 Practical ... 3		} 39
TV93	Surveying Law	Lectures ... 2	27
TV73	Law in Relation to Planning	Lectures ... 1	21
TV63	Land Valuation—Principles and Practice	Lectures ... 1	27
TC73	Hydraulics (T)	Lectures ... 1 Practical ... 3 ¹	} 27
	Vacational Report (Second)		

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorials ... 2	} 36
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2		} 39
TC01	Surveying I	Lectures ... 2 Tutorial ... 1 Practical ... 3	} 39
TC71	Geology	Lectures ... 2 Tutorial ... 1 Practical ... 3		} 39
TC91	History of Technology (S)	Tutorials ... 2	27

SECOND YEAR		Hours a week	Fee \$
Subject No. in Syllabus	Subject		
TM02	Mathematics IIA	Lectures 3 Tutorials 2	} 36
TC02	Surveying IIA	Lectures 2 Tutorials 3 Practical 3		} 45
TC72	Surveying IIB	Lectures 4 Tutorials 3 Practical 3	} 45
TB82	Land Use	Lectures 1		21
TC92	Cartography	Practical 4	33
TC82	General Studies Elective II	Tutorials 2	27
	Survey Camp		15
	Vacational Report (First)		
THIRD YEAR			
TC03	Surveying III	Lectures 4½	} 36
TC63	Geodesy	Lectures 3 Tutorials 3		} 39
TC83	Photogrammetry	Lectures 3 Practical 6	} 45
TC43	Engineering (T)	Lectures 2 Tutorial 1 Practical 3		} 39
	General Studies Elective III	Tutorials 2	27
	Vacational Report (Second)		

8. ELECTRICAL ENGINEERING

(a) Old Course

FIRST YEAR		Hours a week	Fee \$
(To be offered for the last time in 1968)			
TM81	General Mathematics	Lectures 3 Tutorials 2	} 72
TP81	General Physics	Lectures 3 Tutorial 1 Practical 3		} 72
TI21	Chemistry IA	Lectures 2 Practical 3	48
TE81	General Electrical Engineering	Lectures 1 Practical 1½	27
TJ11	Engineering Drawing	Practical 3	33
TJ31	Workshop Practice I	Lectures 1 Practical 3	} 33
SECOND YEAR			
(To be offered for the last time in 1970)			
TM71	Mathematics I (Engineering)	Lectures 3 Tutorial 2	} 72
TM42	Applied Mathematics (T)	Lectures 3 Tutorial 1		} 33
TE22	Electrical Engineering II(T)	Lectures 2 Practical 2	} 33
TK32	Mechanical Engineering A(T)	Lectures 2 Tutorial 1 Practical 2½		} 33
TJ82	Strength of Materials (T)	Lectures 2 Practical 3	} 36
TJ12	Engineering Drawing and Design II	Lectures 1 Practical 3		} 33
	Vacational Report (First)		

SCHEDULES—DEGREE OF B.TECH.

THIRD YEAR

(To be offered for the last time in 1972)

Subject No. in Syllabus	Subject	Lectures	Practical	Hours a week	Fee \$
TE23	Electrical Engineering III(T)	2	2	4	33
TE73	Automatic Control	1	3	4	33
TL53	Applied Electronics	1	2	3	33
TJ83	Machine Design	3 ²	2	5	33
TJ33	Workshop Practice II	1	3	4	33
TT82	Engineering Materials	2	2	4	33
Vacational Report (Second)					

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	3	2	5	36
TP01	Applied Physics I	3	1	4	39
TH81	Engineering Chemistry and Materials	2	3	5	36
TE91	General Electrical Engineering A	1	1	2	27
TK81	Basic Engineering Techniques	1	3	4	33
	General Studies Elective I	2	2	4	27

SECOND YEAR

TM12	Mathematics II(B2)	2	1	3	33
TE02	Electrical Engineering IA	2	1	3	36
TE12	Electrical Engineering IB	2	2	4	33
TL53	Applied Electronics	1	2	3	33
TK01	Engineering Mechanics I	2 ² , 1 ¹	1	3	33
TK32	Mechanical Engineering A(T)	2	1	3	36
	General Studies Elective II	2	2	4	27
Vacational Report (First)					

THIRD YEAR

TE03	Electrical Engineering IIA	3	2	5	36
TE13	Electrical Engineering IIB	2	1	3	36
TE93	Automatic Control I	1	3	4	33
TK22	Mechanical Design I	2	2	4	33
TU93	<i>either</i> Principles of Business and Industry	Lectures	2	2	27
TU73	<i>or</i> Business Organisation	Lectures	2	2	27
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	} 72
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 72
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	48 12
TE81	General Electrical Engineering	Lectures ... 1 Practical ... 1 ²	} 27
TJ11	Engineering Drawing	Practical ... 3		33
TJ31	Workshop Practice I	Lectures ... 1 Practical ... 3	} 33

SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	Lectures ... 3 Tutorials ... 2	} 72
TE22	Electrical Engineering II(T)	Lectures ... 2 Practical ... 2		} 33
TL32	Communication Engineering I	Lectures ... 3 Tutorial ... 1 Practical ... 2	} 39
TL82	Applied Electronics (Short Course)	Lectures ... 1 ² Practical ... 2 ²		} 22
TP72	Electron Physics	Lectures ... 1 Tutorial ... 1 Practical ... 1	} 33
TT82	Engineering Materials	Lectures ... 2 Practical ... 2		} 33
	Vacational Report (First)		

THIRD YEAR

(To be offered for the last time in 1972)

TE23	Electrical Engineering III(T)	Lectures ... 2 Practical ... 2	} 33
TL33	Communication Engineering II	Lectures ... 2 Tutorial ... 1 Practical ... 3		} 39
TE73	Automatic Control	Lectures ... 1 Practical ... 3	} 33
TL63	Electronic Engineering Design	Lectures ... 1 Practical ... 2		} 33
TL73	Electronic Measurements	Lectures ... 1 Practical ... 2	} 33
TL93	Pulse Techniques	Lectures ... 2 Tutorial ... 1 Practical ... 2		} 36
	Vacational Report (Second)		

(b) *New Course*

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3 Tutorials ... 2	} 36
TP01	Applied Physics I	Lectures ... 3 Tutorial ... 1 Practical ... 2		} 39
TH81	Engineering Chemistry and Materials	Lectures ... 2 Practical ... 3	} 36
TE91	General Electrical Engineering A	Lectures ... 1 Tutorial ... 1		} 27
TK81	Basic Engineering Techniques	Lectures ... 1 Practical ... 3	} 33
	General Studies Elective I	Tutorials ... 2		27

		SECOND YEAR			Hours	Fee
Subject No. in Syllabus	Subject			a week	\$	
TM12	Mathematics II(B2)		Lectures	2	}	33
			Tutorial	1		
TP92	Physics IIE		Lectures	2 ¹ , 1 ²	}	39
			Tutorial	1		
			Practical	3		
TE82	Electrical Engineering SE(T)		Lectures	2	}	33
			Practical	2		
TL02	Electronic Engineering IA		Lectures	1 ¹ , 2 ²	}	36
			Tutorial	1		
			Practical	2		
TL12	Electronic Engineering IB		Lectures	2	}	33
			Practical	2		
	General Studies Elective II		Tutorials	2		27
	Vacational Report (First)					
		THIRD YEAR				
TL03	Electronic Engineering IIA		Lectures	2	}	39
			Tutorial	1		
			Practical	3		
TL13	Electronic Engineering IIB		Lectures	2	}	39
			Tutorial	1		
			Practical	3		
TL23	Electronic Engineering IIC		Lectures	1	}	39
			Tutorial	1		
			Practical	4		
TE93	Automatic Control I		Lectures	1	}	33
			Practical	3		
TM93	Programming I(P)		Lectures	1 ¹	}	9
			Tutorial	1 ¹		
TU93	<i>either</i> Principles of Business and Industry		Lectures	2		27
TU73	<i>or</i> Business Organisation		Lectures	2		27
	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	}	72
			Tutorials	2		
TP81	General Physics		Lectures	3	}	72
			Tutorial	1		
			Practical	3		
TI21	Chemistry IA		Lectures	2	}	48
			Practical	3		
TK01	Engineering Mechanics I		Lectures	2	}	33
			Tutorial	1		
TJ11	Engineering Drawing		Practical	3		33
TJ31	Workshop Practice I		Lectures	1	}	33
			Practical	3		
		SECOND YEAR				
		(To be offered for the last time in 1970)				
TM71	Mathematics I (Engineering)		Lectures	3	}	72
			Tutorials	2		
TJ92	Engineering Dynamics I		Lectures	2	}	33
			Tutorial	1		
TK32	Mechanical Engineering A(T)		Lectures	2	}	36
			Tutorial	1		
			Practical	2 ²		
TJ82	Strength of Materials (T)		Lectures	2	}	36
			Practical	3		
TJ12	Engineering Drawing and Design II		Lectures	1 ¹	}	33
			Practical	3		
TT82	Engineering Materials		Lectures	2	}	33
			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	} 33
		Practical ... 2	
TL53	Applied Electronics	Lectures ... 1	} 33
		Practical ... 2	
TI84	Process Control (T)	Lectures ... 1	} 33
		Practical ... 3	
TJ03	Mechanical Engineering III(T)	Lectures ... 2	} 36
		Practical ... 3	
TJ93	Machine Design Project	Lectures ... 2	} 36
		Practical ... 3	
TJ33	Workshop Practice II	Lectures ... 1	} 33
		Practical ... 3	
TT74	Metal Fabrication	Lectures ... 1	} 27
TT94	Foundry Practice	Lectures ... 1	
		Practical ... 3	33
Vacational Report (Second)			

(b) New Course

FIRST YEAR

TM01	Mathematics IA	Lectures ... 3	} 36
		Tutorials ... 2	
TP01	Applied Physics I	Lectures ... 3	} 39
		Tutorial ... 1	
		Practical ... 2	
TH81	Engineering Chemistry and Materials	Lectures ... 2	} 36
		Practical ... 3	
TK01	Engineering Mechanics I	Lectures ... 2 ² , 1 ¹	} 33
		Tutorial ... 1	
		Practical ... 1 ¹	
TK91	Engineering Drawing	Practical ... 3	33
TK11	Engineering Manufacturing Practice I	Lectures ... 1	} 33
		Practical ... 3	
	General Studies Elective I	Tutorials ... 2	27

SECOND YEAR

TM12	Mathematics II(B2)	Lectures ... 2	} 33
		Tutorial ... 1	
TK32	Mechanical Engineering A(T)	Lectures ... 2	} 36
		Tutorial ... 1	
		Practical ... 2 ²	
TK02	Engineering Mechanics II	Lectures ... 4	} 42
		Practical ... 3	
TK22	Mechanical Design I	Lectures ... 1	} 33
		Tutorials ... 3	
TK12	Engineering Manufacturing Practice II	Lectures ... 2	} 36
		Practical ... 3	
	General Studies Elective II	Tutorials ... 2	27
Vacational Report (First)			

THIRD YEAR

TM13	Mathematics II(B1)	Lectures ... 1	} 27
		Tutorial ... 1	
TK33	Mechanical Engineering B	Lectures ... 2	} 33
		Tutorial ... 1	
TK03	Engineering Mechanics III	Lectures ... 1	} 27
		Tutorial ... 1	
TK23	Mechanical Design II	Lectures ... 1	} 36
		Tutorial ... 1	
		Practical ... 3	
TK13	Engineering Manufacturing Practice III	Lectures ... 2	} 33
		Practical ... 2	
TK93	Projects I	Practical ... 3	33
TK83	Electrical and Civil Engineering S	Lectures ... 3	} 36
		Practical ... 2	
	General Studies Elective III	Tutorials ... 2	27
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	} 72
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 72
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	48 12
TJ21	Refrigeration Engineering I	Lectures ... 2	27
TJ11	Engineering Drawing	Practical ... 3	33
TJ31	Workshop Practice I	Lectures ... 1 Practical ... 3	} 33

SECOND YEAR

(To be offered for the last time in 1970)

TM71	Mathematics I (Engineering)	Lectures ... 3 Tutorials ... 2	} 72
TM42	Applied Mathematics (T)	Lectures ... 3 Tutorial ... 1		} 33
TI92	Chemistry I(T)—Organic	Lectures ... 1 Practical ... 3 ²	} 33
TJ22	Refrigeration Engineering II	Lectures ... 2 Practical ... 2		} 33
TJ12	Engineering Drawing and Design II	Lectures ... 1 Practical ... 3	} 33
TJ82	Strength of Materials (T)	Lectures ... 2 Practical ... 3		} 36
	Vacational Report (First)		

THIRD YEAR

(To be offered for the last time in 1972)

TJ23	Refrigeration Engineering III	Lectures ... 2 Practical ... 3 ²	} 36
TE83	Electrical Engineering IIA(T)	Lectures ... 2 Practical ... 2		} 33
TL53	<i>either</i> Applied Electronics	Lectures ... 1 Practical ... 2	} 33
TA73	<i>or</i> Principles of Business and Industry A	Lectures ... 2		27
TI84	<i>or</i> Process Control (T)	Lectures ... 1 Practical ... 3	} 33
TJ03	Mechanical Engineering III(T)	Lectures ... 2 Practical ... 3		} 36
TT82	Engineering Materials	Lectures ... 2 Practical ... 2	} 33
TJ33	Workshop Practice II	Lectures ... 1 Practical ... 3		} 33
	Vacational Report (Second)		

11. INDUSTRIAL PHYSICS

Old Course

FIRST YEAR

(To be offered for the last time in 1968)

TM81	General Mathematics	Lectures ... 3 Tutorials ... 2	} 72
TP81	General Physics	Lectures ... 3 Tutorial ... 1 Practical ... 3		} 72
TI21	Chemistry IA	Lectures ... 2 Practical ... 3	48 12
TJ11	Engineering Drawing	Practical ... 3	33
TJ31	Workshop Practice I	Lectures ... 1 Practical ... 3	} 33

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	} 36
		Tutorials ... 2	
TM62	Mechanics (T)	Lectures ... 1	} 27
		Tutorial ... 1	
TP12	Applied Physics IA	Lectures ... 3	} 45
		Practical ... 5	
TP22	Applied Physics IB	Lectures ... 2	} 42
		Tutorial ... 1	
		Practical ... 4	
TE62	Electrical Engineering Circuits	Lectures ... 2	} 33
		Practical ... 2	
	Vacational Report (First)		

THIRD YEAR

(To be offered for the last time in 1970)

TP13	Applied Physics IIA	Lectures ... 3	} 45
		Practical ... 5	
TP23	Applied Physics IIB	Lectures ... 3	} 45
		Practical ... 5	
TI93	Industrial Instrumentation A	Lectures ... 2	} 39
		Practical ... 4	
TT82	Engineering Materials	Lectures ... 2	} 33
		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. SCHEDULE OF FEES

- A. For attendance at lectures, practical work and annual examination: the fees 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
- C. For admission to the degree - - - - \$10.50

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 612.

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	-	-	-	\$84
For part-time work in the University	-	-	-	\$30
For external work	-	-	-	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required				\$20
D. On admission to the degree	-	-	-	\$21

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 612.

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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	\$20
D. On admission to the degree - - - - -	\$21

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 to another degree in the University of Adelaide accepted by the Faculty of Architecture and Town Planning as equivalent thereto; or
 - (b) have been admitted to a degree in another university accepted by the Council on the recommendation of the Faculty of Architecture and Town Planning as equivalent to the degree of Bachelor of Architecture in the University of Adelaide.
3. A candidate may proceed to the degree of Master of Architecture in accordance with the provisions of either Regulation 4 or Regulation 5.
4. To qualify for the degree under this Regulation a candidate shall:
 - (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
 - (b) if so required by the Head of the Department concerned pass an examination on his course of advanced study;
 - (c) present a satisfactory thesis embodying the results of his original research; and
 - (d) if so required by the examiners of his thesis, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto.
5. To qualify for the degree under this Regulation a candidate shall:
 - (a) present a satisfactory thesis which shall be an account of some original enquiry or investigation made by him into some architectural matter;
 - (b) if so required by the examiners of his thesis, adduce sufficient evidence of the originality of his thesis; and
 - (c) if so required by the examiners of his thesis, pass an examination in that branch of work from which the subject of the thesis is taken.
6. Every candidate shall submit for approval of the Faculty of Architecture and Town Planning, at least nine months before the date on which he expects to submit his thesis for examination, the subject of his advanced study and original research under Regulation 4 or of his thesis under Regulation 5.

†7. 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 will then nominate examiners, who may recommend that the thesis—

- (a) be accepted; or
- (b) be sent back to the candidate for revision; or
- (c) be rejected.

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.

Allowed 15th January, 1959.

* These directions are published on page 612.

Schedules of Fees Prescribed by the Council under Regulation 8

A. On approval of the subject of the thesis	-	-	-	\$10
B. Annual Registration Fee:				
For full-time work in the University	-	-	-	\$84
For part-time work in the University	-	-	-	\$30
For external work	-	-	-	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required				\$20
D. On admission to the degree	-	-	-	\$21

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 may 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 612.

(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):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - -	\$144
(2) For guidance without instruction - - - - -	\$72
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 - - - - -	\$84
For part-time work in the University - - - - -	\$30
For external work - - - - -	\$18
D. Under Regulation 3:	
On submission of the thesis for examination or re-examination - - - - -	\$20
Provided that for a candidate in Classics the fee of \$20 shall include also the fee for the examination required:	
E. On admission to the degree - - - - -	\$21

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 612.

** Awaiting allowance at time of printing.

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 pages 1103-7.

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. Fee for each seminar course	- - - - -	\$48
For the subject Investment Planning and Business Finance	- - - - -	\$36
B. On approval of the subject of the dissertation	-	\$10
C. Annual Registration Fee for dissertation work:		
For full-time work in the University	- - -	\$84
For part-time work in the University	- - -	\$30
For external work	- - -	\$18
D. On submission of the dissertation for examination or re-examination	- - - - -	\$20
E. On admission to the degree	- - - - -	\$21

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.

Awaiting allowance at time of printing.

* These directions are published on page 612.

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	-	-	-	\$84
For part-time work in the University	-	-	-	\$30
For external work	-	-	-	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	-	-	-	\$20
D. On admission to the degree	-	-	-	\$21

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 612.

Schedule of Fees prescribed by the Council under Regulation 8

A. Under Regulation 1 (c) and 2 (b) (i):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics	\$144
(2) For guidance without instruction	\$72
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	\$84
For part-time work in the University	\$30
For external work	\$18
D. On submission of the thesis or dissertation for examination or re-examination	\$20
E. On admission to the degree	\$21

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 612.

† Awaiting allowance at time of printing.

(b) At the discretion of the examiners a candidate may be examined orally on his thesis or on his dissertation and may also be required to pass a written examination connected with the subject of his thesis or of his dissertation.

10. A candidate who desires that examinations which he has passed in the University or in another University should be counted *pro tanto* for the degree of Master of Education, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who complies with the foregoing conditions and satisfies the examiners shall, on the recommendation of the Faculty of Arts, be admitted to the degree of Master of Education.

Schedules made by the Council under Regulation 4

NOTE: To find the syllabuses of the subjects in these Schedules, see *either* General Index on page 751 *or* Table of Subjects on pages 1103-7.

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 - - - - -	\$36
B. For an annual examination in a subject prescribed in Schedule I with exemption from attendance or re-attendance at lectures - - - - -	\$18
C. For a special examination in a subject prescribed in Schedule I - - - - -	\$12
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 thesis or on dissertation and examination:	
For full-time work in the University - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
F. On submission of the thesis or the dissertation, including entry for the associated examination -	\$20
G. On submission of the thesis or dissertation for re-examination, or on entry for any further examination required - - - - -	\$20
H. On admission to the degree - - - - -	\$21

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 612.

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	-	-	\$84
For part-time work in the University	-	-	\$30
For external work	-	-	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	-	-	\$20
D. On admission to the degree	-	-	\$21

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 18th October, 1956.

** Allowed 16th March, 1961.

Allowed 10th December, 1930.

* Awaiting allowance at time of printing.

† These directions are published on page 612.

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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required - - - - -	\$20
D. On admission to the degree - - - - -	\$21

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

* Allowed 14th December, 1944; amended 15th January, 1959 and 12th December, 1963.

† Amended 4th April, 1963.

†† Amended 12th December, 1963.

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.

‡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 612.

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	- - -	\$84
For part-time work in the University	- - -	\$30
For external work	- - - - -	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	- - - - -	\$20
D. On admission to the degree	- - - - -	\$21

OF THE DEGREE OF MASTER OF SURGERY

REGULATIONS

1. A Bachelor of Surgery may proceed to the degree of Master of Surgery by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Surgery.

A graduate in Surgery of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

A Master of Surgery of another University will be recommended for admission *ad eundem gradum* in the University of Adelaide only if the Faculty of Medicine certify that in its opinion the degree, by virtue of which the candidate desires admission, is equivalent to the degree of Master of Surgery in the University of Adelaide.

‡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.††

† Allowed 4th November, 1965.

‡ Allowed 16th March, 1961.

* Amended 16th March, 1961. †† These directions are published on page 612.

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.

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.

On presentation (or re-presentation) of the thesis	-	\$63
On entry for the oral examination (if required)	- -	\$32
On admission to the degree	- - - - -	\$21

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 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;
- (b) have completed the preliminary work prescribed in the Schedules;
- (c) obtain 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 year of full-time work or three academic years of part-time work, and pass such examinations as are prescribed in the Schedules;
- (b) satisfactorily complete practical work as prescribed in the Schedules;
- (c) subsequently, as prescribed in the Schedules, present a satisfactory thesis, prepared under the guidance of a supervisor appointed by the Faculty, on a subject approved by the Faculty.

4. If in the opinion of the Faculty of Architecture and Town Planning 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.

5. A candidate shall not be permitted to present himself for examination or to submit his thesis unless he has regularly attended classes and has completed satisfactorily such written and practical work as may be required.

6. The Faculty of Architecture and Town Planning shall appoint a Board of Examiners to conduct the examinations required under Regulation 3.

7. Schedules defining the preliminary work, the courses of study for the degree, the practical work required, the examinations to be passed and the fees to be paid by candidates shall be drawn up from time to

† Allowed 4th November, 1965.

time by the Faculty of Architecture and Town Planning and approved by the Council.

8. 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 examiners shall on the recommendation of the Faculty of Architecture and Town Planning be admitted to the degree.

Allowed 4th October, 1962.

* These directions are published on page 612.

Schedules made by the Council under Regulations 2, 3 and 7.

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. For candidates undertaking the part-time courses the thesis required under Regulation 3 may not be submitted until six months after completion of the courses prescribed in Clause 1 of this Schedule.

3. Candidates undertaking the full-time course shall after completion of the courses prescribed in Clause I of this Schedule extending over one year of full-time study undertake further part-time work extending over at least twelve months and including: (a) at least six months' further 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; and (b) at least six months' work associated with the preparation of the thesis prescribed under Regulation 3.

4. 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	-	-	-	\$288
For candidates by part-time study	-	-	-	\$96
B. On approval of the subject of the thesis				
	-	-	-	\$10
C. Annual Registration Fee for work on thesis:				
For full-time work in the University	-	-	-	\$84
For part-time work in the University	-	-	-	\$30
For external work	-	-	-	\$18
D. On submission of the thesis for examination or re-examination, or on entry for any examination required				
	-	-	-	\$20
E. On admission to the degree				
	-	-	-	\$21

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).
- 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 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.

*2. There shall be a Board of Research Studies, comprising 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, and one member of the Faculty of Architecture and Town Planning, which shall control the enrolments, courses of study, research and examinations of candidates for the degree. All members shall be elected by the appropriate Faculties for three years.

3. The Board of Research Studies shall elect one of its members as Chairman.

4. In these regulations "the Board" means "the Board of Research Studies".

5. In these regulations "course" means "course of study and research."

6. Schedules specifying the eligibility for candidature, the nature and extent of the work to be completed and fees to be paid by candidates for the degree may be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on 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.

II. ENROLMENTS

†7. A candidate wishing to be enrolled for the degree shall make application to the Registrar in such form as the Board shall prescribe. A candidate shall submit with his application an outline of the course he proposes to pursue, details of his qualifications for undertaking such a course, and in the case of a candidate who has obtained his qualifications elsewhere than in the University of Adelaide, an acceptable certificate of his qualifications.

8. A candidate shall not be enrolled unless it appears:—

(a) that the course of research can be conveniently pursued within the University; and

(b) that he is well qualified for research and well equipped to undertake the particular course which he has proposed.

The Head of the Department concerned and the appropriate Faculty shall advise the Board on these matters and make recommendations.

* Amended 11th November, 1954, 22nd December, 1955, and 17th December, 1959.

† Amended 28th January, 1965.

9. A candidate shall normally be enrolled at the beginning of an academic year, provided that the Board may enrol candidates at the beginning of a calendar year or at the beginning of any academic term.

10. Each candidate shall pursue his approved course to the satisfaction of the Board in a department of the University under the supervision of a supervisor, or supervisors, appointed by the appropriate Faculty, and under any special conditions that may be specified in his case. At the end of each year each supervisor shall submit to the appropriate Faculty a formal written report on the work of each candidate in his charge. He shall also report to the Faculty when in his opinion a candidate 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.

11. The Faculty shall have the power to require a candidate who is not a graduate of the University to take an examination, either a special examination or an Honours examination at a specified date, provided that the candidate is notified of this requirement not later than six months after his enrolment. The Board shall determine what proportion of the terms prior to such examination shall count for the purposes of Regulation 13.

III. REQUIREMENTS FOR THE DEGREE

*12. Each candidate for the degree shall devote his whole time to the pursuit of his approved course; 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 under such conditions as the Board may prescribe.

†13. Each candidate for the degree shall pursue his approved course within the University for a period of not less than six and not more than twelve terms from the date of his enrolment provided that:

- (a) the Board may permit a candidate to pursue at another University or similar Institution such part of his approved course as it thinks fit. Normally, the candidate will be required to work for at least six terms within the University, but in exceptional circumstances the Board may approve a reduced period under such conditions as the Board may determine in each case; and
- (b) during any term a candidate may be permitted by his supervisor, who shall report to the Board, to spend not more than three weeks away from the University on field work; any period in excess of three weeks to be approved in advance by the Board.

*14. Because of the specific responsibility of the South Australian Institute of Technology in the conduct of certain University courses, notwithstanding the provisions of Regulations 8 (a), 10 and 13 requiring the candidate to work in a department of the University, the

† Allowed 25th August, 1955: Amendment awaiting allowance at time of printing.

** Allowed 12th September, 1963.

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:

- (a) the candidate is a full-time member of the academic staff of the Institute;
- (b) the candidate is able to devote at least half of his time to his research; and
- (c) the Board is satisfied that facilities for the proposed course of study are available only in the Institute.

†15. Each candidate for the degree shall at the end of his approved course, or by the end of the twelfth term from his enrolment, present in such form as the Board prescribes* not fewer than three copies of a thesis embodying the results of the work done during that course and containing a significant contribution to knowledge or scholarship within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in exceptional circumstances and by special permission of the Board on the recommendation of the Faculty, an extension of time after the twelfth term may be allowed. On completion of his work the candidate shall submit his thesis and the appropriate Faculty shall appoint examiners, who shall normally be two and both external, to examine and report on the thesis. The examiners may recommend that a candidate be examined orally or otherwise on the subject of his thesis and the general field of knowledge within which it falls; and shall report to the Faculty upon any such examination.

16. The Faculty shall consider the reports of the examiners and shall make recommendations to the Board. The Board, after consideration of these reports, may recommend that the candidate:—

- (a) be awarded the degree;
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Board may allow);
- (c) be not awarded the degree and be not allowed to re-submit his thesis; or
- (d) with the concurrence of the appropriate Faculty be awarded the appropriate Master's degree.

‡17. Two copies of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

* The attention of candidates is drawn to the "Notes and Instructions to Candidates" on page 646.

‡ Amended 15th January, 1959.

Allowed 22nd January, 1953.

† Allowed 16th March, 1961.

Schedules Made by the Council

I. ACADEMIC STANDING.

The academic standing under Regulation 6 required of a candidate for the degree is at present:

An Honours or Master's degree in any of the following: Agricultural Science, Applied Science, Architecture, Arts, Dental Surgery, Economics, Education, Engineering, Law, Science; the Honours degree of Bachelor of Medical Science; the Honours degree of Bachelor of Music: the following degrees together with one year of approved post-graduate research work: Bachelor of Dental Surgery, Bachelor of Medicine and Bachelor of Surgery.

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 for an Honours degree in the University of Adelaide, the Board may accept as a candidate for the degree a person who holds a Diploma with Honours issued by the National Council for Technological Awards of the United Kingdom.

A candidate who proposes to undertake 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 had at least three years' experience in teaching or in some other educational work approved by the University before enrolling for the degree.

In exceptional circumstances and subject to the satisfactory completion of one year of approved post-graduate research work and subject also to the passing of a qualifying examination for a Master's degree in those faculties which make specific provision for such qualifying examination, a graduate with an Ordinary degree only may be accepted as a candidate for the degree of Doctor of Philosophy.

The attention of intending candidates is specially drawn to Regulation 8.

II. FEES.

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. On acceptance as a candidate	- - - - -	\$10
B. For each term's work for the degree until submission of thesis	- - - - -	\$28
C. On submission of the thesis for examination	- -	\$30
D. On submission of thesis for re-examination, including the fee of any additional work required	- - - - -	\$60
E. On admission to the degree	- - - - -	\$21

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

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	-	-	-	-	-	\$63
On admission to the degree	-	-	-	-	-	\$21

OF THE DEGREE OF DOCTOR OF LETTERS

REGULATIONS

1. A person who is

- (a) a Bachelor of Arts, with Honours, of four years' standing, or
- (b) the holder of any Master's degree of three years' standing, or
- (c) the holder of any Doctor's degree

in the University of Adelaide, may proceed to the degree of Doctor of Letters by complying with the following regulations.

2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original, substantial and scholarly contribution to some branch of letters.

The degree shall be awarded primarily on a consideration of such of his published works as a candidate may submit for examination, but the examiners may take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Arts, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published and unpublished work shall acknowledge the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He shall also state in general terms the grounds of his claims to have made an original contribution.

†3. 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.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Arts, be admitted to the degree of Doctor of Letters.

*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.

† Allowed 16th March, 1961.

* Allowed 18th October, 1956.

Allowed 11th November, 1954.

Schedule of Fees prescribed by the Council under Regulation 5

On presentation of the thesis	-	-	-	-	-	\$63
On admission to the degree	-	-	-	-	-	\$21

OF THE DEGREE OF DOCTOR OF MEDICINE

REGULATIONS

1. A Bachelor of Medicine may proceed to the degree of Doctor of Medicine by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Medicine.

A graduate in Medicine of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

2. To qualify for the degree a candidate shall submit a satisfactory thesis on some branch of Medicine or an allied science approved by the Faculty.

*3. The degree shall be awarded only if the thesis contains an account of original work by the candidate. The thesis must represent a definite contribution to knowledge. The thesis may be written specially for the degree, or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty. It shall not include material which has been accepted for any other degree or diploma in any University.

4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (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.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

5. A candidate may submit other papers in support of his main thesis.

6. If it approve of the subject or subjects of the work submitted the Faculty of Medicine shall nominate examiners, of whom one at least shall be an external examiner.

* Allowed 11th November, 1954; amended 16th March, 1961.

7. A candidate may be required by the examiners to undergo an examination in the subject-matter of his thesis.

8. The names of successful candidates shall be arranged in alphabetical order.

*9. 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.

†10. Repealed.

‡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 18th October, 1956.

* Allowed 16th March, 1961.

‡ Repealed 16th March, 1961.

Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 11

On presentation of the thesis	-	-	-	-	-	\$63
On admission to the degree	-	-	-	-	-	\$21

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 specimens 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

On presentation of the exercise	-	-	-	-	-	\$30
On entering for the Final Examination	-	-	-	-	-	\$31.50
On admission to the degree	-	-	-	-	-	\$21

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	-	-	-	\$63
On admission to the degree	-	-	-	\$21

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.

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 pages 1103-7.

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 - - - - - \$36
- C. For an annual examination with exemption from attendance or re-attendance at lectures - - - \$18
- D. For a special examination in any subject - - - \$20
- E. For the Diploma - - - - - \$10.50

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 - - -	\$240
(b) For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately: Numerical Analysis, Programming Languages and Computing Mathematics, Theory of Systems, Data Processing, each - - - - -	\$72
(c) For an annual examination with exemption from attendance (or re-attendance) at lectures in any one of the subjects listed in Section (b) - - - -	\$36
(d) For a supplementary or special examination in any one of the subjects listed in Section (b) - - - -	\$20
(e) For the course of practical work - - - - -	\$72
(f) For the Diploma - - - - -	\$10.50

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 pages 1103-7.

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 - - - -	\$36
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures -	\$18
C. For a special examination - - - - -	\$15
D. For the course in Practical Teaching and Methodology B - - - - -	\$36
E. For the Diploma - - - - -	\$10.50

OF THE FELLOWSHIP OF THE ELDER CONSERVATORIUM
OF MUSIC

REGULATIONS

1. There shall be a Fellowship of the Elder Conservatorium of Music.

2. The Fellowship may be awarded either by examination or in exceptional cases of distinguished merit by the Council on the unanimous recommendation of a formally constituted meeting of the Faculty of Music.

3. A candidate for the Fellowship by examination shall be an Associate in Music of the University of Adelaide of at least two years' standing and must, in the opinion of the Elder Professor of Music, be of outstanding ability as a solo performer. To qualify for the Fellowship such a candidate shall satisfy the examiners in a special examination in which the emphasis shall be laid on fine performance.

4. Schedules defining the scope of the examination and the fees to be paid by candidates shall be drawn up by the Faculty of Music 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 determine.

Allowed 8th December, 1949.

Schedule of Examinations and Fees made by the Council.

1. The examination for the Fellowship shall comprise:—
 - (a) Three recitals, each to be given before an audience and each to occupy not less than one hour in performance;
 - (b) Performance with an orchestra of a concerto;
 - (c) Performance of two major works of chamber music.

Provided that a candidate in singing will be required to perform scenes and arias with orchestra chosen from at least two operas or oratorios, and to show that a complete study of a major role has been made in each of the operas or oratorios, in lieu of the concerto and chamber music prescribed under (b) and (c) above.

The whole examination shall be completed within a period of two calendar months.

2. The programme for the whole examination shall be representative of various schools and periods and shall be submitted to the Elder Professor of Music for approval at least two months before the examination begins.

3. The fee for examination shall be \$42.

4. The fee for the Fellowship shall be \$21.

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;

* 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.

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 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.

†† Amended 16th March, 1961.

* Allowed 20th December, 1956.

Allowed 16th December, 1948.

SCHEDULES

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.

1. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Principal Study I
2. Second Study I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I

B. Vocal School

(a) Concert Singing

1. Principal Study I
2. Second Study I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Modern Languages I
7. Speech Training I

OR (b) Operatic Singing

1. Principal Study I
2. Drama I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Modern Languages I
7. Speech Training I

C. School Music

1. Principal Study I

(This chief study should be Pianoforte, but in the event of another study, such as singing, or a stringed or wood-wind instrument being chosen, the student shall show that in each of the years a satisfactory standard of pianoforte playing has been reached.)

2. Scope of School Music I
3. Historical Studies
4. Theory of Music I
5. Practical Tests I
6. Principles of Class Music Teaching I

2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Principal Study II
2. Second Study II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Ensemble Playing I
7. Accompanying (for students whose chief practical study is Pianoforte)

B. Vocal School

(a) Concert Singing

1. Principal Study II
2. Second Study II
3. Theory of Music
4. History of Music I
5. Practical Tests II
6. Modern Languages II
7. Speech Training II

OR (b) Operatic Singing

1. Principal Study II
2. Drama II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Modern Languages II
7. Speech Training II

C. School Music

1. Principal Study II
2. Scope of School Music II
3. Theory of Music II
4. History of Music I
5. Practical Tests II
6. Principles of Class Music Teaching II
7. Ensemble Playing I
8. Accompanying

3. After passing the Second Examination a candidate may, with the approval of the Faculty of Music, elect to proceed either as an executant or as a teacher of the principal subject of his course.

4. At the Third Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Principal Study III
2. Second Study III
3. Ensemble Playing II
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

and for candidates who elect to be examined as teachers:

8. Methods of Teaching

B. Vocal School

(a) Concert Singing

1. Principal Study III
2. Second Study III
3. Modern Languages III
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

and for candidates who elect to be examined as teachers:

8. Methods of Teaching

OR (b) Operatic Singing

1. Principal Study III
2. Drama III
3. Modern Languages III
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Concerto

C. School Music

1. Principal Study III
2. Scope of School Music III
3. Ensemble Playing II
4. Practical Tests III
5. Musical Criticism and Aesthetics
6. Literature of Music
7. Principles of Class Music Teaching III
8. Concerto.

Unless his Principal or Second Study be pianoforte playing a candidate shall also play on the pianoforte to the satisfaction of the examiners two pieces from a list published each year, and scales and arpeggios in forms defined by schedule.

5. Candidates who have completed subjects for the diploma prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 7.

A. For the Entrance Examination in Music, if required	\$10
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	\$240
C. For Principal Study taken separately - - -	\$120
For Second Study taken separately - - -	\$72
For each other subject taken separately - - -	\$48
Up to a maximum of the annual fee of \$240 for the full year's course being taken for the first time.	
D. For a supplementary examination in any subject of a year's work - - - - -	\$20
E. For the diploma - - - - -	\$10.50

OF THE DIPLOMA IN PHARMACY

REGULATIONS

††1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Studies in Pharmacy.

§2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry; Pharmacy I; Organic Chemistry; Practical Pharmacy; Biology; Botany and Pharmacognosy; Pharmacy II; Pharmacy III; and Pharmacy IV.

††(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Studies in Pharmacy.

†3. Schedules defining the courses of study in the subjects prescribed, and the fees payable to the University, shall be drawn up from time to time by the Board of Studies in Pharmacy and be approved by the Council.

††4. Before enrolling for the course of study in each year and upon entering for any examination every candidate shall satisfy the Board of Studies in Pharmacy that he is eligible to do so.

††5. The examinations shall be conducted by a Board of Examiners appointed by the Council on the recommendation of the Board of Studies in Pharmacy.

‡A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Candidates who fail to present themselves for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

*5a. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Chairman of the Board of Studies in Pharmacy.†† If he fails a third time he may not proceed with the subject again except by special permission of the Board and under such conditions as the Board may prescribe.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

§ Allowed 11th November, 1954.

* Allowed 10th December, 1936.

‡ Allowed 20th December, 1956.

6. Candidates who fulfil the conditions shall be awarded the Diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

†Fee for Diploma, \$10.50.

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

**8. Only those candidates who had entered upon the course for the diploma in Pharmacy in or before the academic year 1964 will be permitted to enrol in the course for the diploma after December 31, 1964. Such students will be eligible to proceed to the diploma under these Regulations provided that they qualify for the diploma not later than March 31, 1969, unless the Council approves an extension of time in particular cases under Clause 5 of Chapter XXV of the Statutes.

† Allowed 18th October, 1956.

** Allowed 12th December, 1963.

Allowed 7th December, 1932.

Schedules made by the Council under Regulation 3.

FIRST YEAR					
(No longer available)					
Subject No. in Syllabus	Subject		Hours a week		Fee \$
	Inorganic Chemistry	(U) 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					
FF03	Botany and Pharmacognosy	Lectures	2		27
FF13	Commercial Pharmacy	Lectures	1		21
FF23	Practical Pharmacy, Volumetric Analysis and Drug Assay II	Lectures	2	}	39
		Practical	4		
FF33	Practical Experience				12
FOURTH YEAR					
FF04	Practical Pharmacy and Dispensing	Lectures	2	}	42
		Tutorials	1		
		Practical	4		
FF14	Forensic Pharmacy	Lectures	1 ²		14
FF24	Pharmacy Organisation	Lectures	1 ²		14
FF34	Pure Pharmacology	Lectures	2 ¹	}	11
		Practical	1 ¹		
FF44	Bacteriology	(U) Lectures	1 ¹ ₂	}	15
		(U) Practical	2 ¹ ₂		
FF54	Nutrition	Lectures	1 ²		14
FF64	Organic Medicinals	Lectures	1		21

Fee for a special or supplementary examination (practical or theoretical or both) in any subject	- -	\$20
Fee for admission to the diploma	- - - -	\$10.50

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 pages 1103-7.

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3 (b): \$480, payable in two annual instalments of \$240 each.
- C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.
- D. For subjects taken separately:

Second-year Course:

Health Education	- - - - -	\$36
Body Mechanics	- - - - -	\$24
First Aid	- - - - -	\$4
Practice of Physical Education	- - - - -	\$48
Practical Work, Part I	- - - - -	\$72
Education	- - - - -	\$72
Human Biology	- - - - -	\$72

Third-year Course:

Clinical Observation and Remedial Work	- - - - -	\$36
Principles of Physical Education	- - - - -	\$48
Practical Work, Part II	- - - - -	\$72
Physiological Psychology	- - - - -	\$36
Human Physiology	- - - - -	\$72
Human Nutrition	- - - - -	\$36

- E. For each section of either part of the Practical Work \$18
- F. For the course in Practical Teaching - - - \$36
- G. For a supplementary examination in any subject - \$20
- H. For the Diploma - - - - - \$10.50
-

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 pages 1103-7.

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 | - - - - - | \$240 |
| B. For a supplementary examination in any subject | - | \$20 |
| C. For the Diploma | - - - - - | \$10.50 |

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.

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 pages 1103-7.

1. The subjects which a candidate for the Diploma shall complete are:

Politics I and Politics IIB;
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 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 - - - -	\$36
C. For a supplementary examination in Public Finance	\$20
D. For the Diploma - - - - -	\$10.50

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	-	-	-	-	\$108
	In Field Work	-	-	-	-	\$36
	In each other subject	-	-	-	-	\$72
C. For attendance as a graduate without examination in Social Work I						
	-	-	-	-	-	\$36
D. For the Diploma						
	-	-	-	-	-	\$10.50

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	-	-	-	-	-	-	\$12
Geography III	-	-	-	-	-	-	\$20

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, First Survey Camp	-	-	-	-	-	-	\$18
Civil Engineering, Second Survey Camp	-	-	-	-	-	-	\$28
Chemical Engineering (Fifth Year)	-	-	-	-	-	-	\$50
Electrical Engineering Interstate Excursions (Fourth Year)	-	-	-	-	-	-	\$60
Electrical Engineering Interstate Excursions (Fifth Year)	-	-	-	-	-	-	\$60
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:

Fee on signing Students' Roll (first year only)	\$6
Matriculation and Status Fee - - -	\$10
Statutory Annual Fee (full-time students) -	\$27
General Service Fee - - - - -	\$21

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.

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.

The General Service Fee includes such charges as those for lecture notes, laboratory deposits, hire of microscopes, special material, one-day excursions and library borrowing privileges.

INCIDENTAL FEES

<i>Late Fee</i> payable on submission of late enrolment -	\$10
<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 - - - - -	\$10.50
For admission to any degree of Master or Doctor -	\$21
For the granting of any diploma - - - - -	\$10.50

Note: The Fee of \$10.50 covers admission to both degrees of M.B., B.S.

TABLE OF FEES

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

The fee for attendance (or re-attendance) at lectures and practical work and the annual examination in each subject shall, subject to the provision below, be as follows:

	Lectures (inclusive fee)	Practical Work
A. For the Ordinary Degree:		
(1) Agricultural Economics, Applied Mathematics II, Biometry IB, Economics II, Economic Statistics I, General Mathematics, Mathematics I, Mathematics IS and Pure Mathematics II, each - -	\$72	
(2) Biology, Botany I, Chemistry I, General Physics, Geology I, Geology I (Agriculture), Physics I and Zoology I, each (inclusive fee) - - - - -	\$72	
(3) Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II and Zoology II, each - - - - -	\$72	\$24
(4) Agriculture I, Biometry IA, each - -	\$36	
(5) Agricultural Microbiology - - -	\$36	\$12
(6) Agricultural Biochemistry I, Agriculture II, Animal Physiology and Production I, Crop Physiology, Entomology and Plant Pathology, and Soil Science I, each -	\$72	\$12
(7) Agricultural Biochemistry II, Agriculture III, Agronomy, Animal Physiology and Production II, Biometry II, Entomology II, Horticultural Science, Plant Breeding, Plant Pathology II, Soil Science II, each - - - - -	\$72	\$30
(8) Genetics II - - - - -	\$72	\$72

Provided that the total annual fee for a standard academic year's work shall not exceed \$288.

Note: The fee for compulsory tours (\$100) in Agriculture III is additional to the above fees.

B. For the Honours degree

Inclusive fee for courses which the Head of the Department deems necessary for the Honours course in the subject selected, including the examinations required - - - - - \$240

II. DEGREE OF BACHELOR OF APPLIED SCIENCE

- A. For the Ordinary degree:
For attendance at lectures, practical work, thesis or other work and annual examination: those prescribed in the schedule of subjects for the degree.
- B. For the Honours degree:
for the additional Honours work and examination - \$240
- C. For a special or supplementary examination (theoretical or practical or both) in any subject - - \$20
-

III. DEGREE OF BACHELOR OF ARCHITECTURE

- A. For the Ordinary degree:
- (1) For each year's work, including one annual examination - - - - - \$288
 - (2) For a supplementary or special examination (theoretical or practical or both) in any subject \$20
 - (3) For subjects taken separately: \$72 each up to a maximum of the annual fee of \$288 for the full year's course.
- B. For the Honours degree:
For the additional Honours work and examination - \$90
-

IV. DEGREE OF BACHELOR OF ARTS

- A. Ordinary Degree of B.A.:
- (1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - - - - \$72
 - (2) For a special examination in any course - - \$20
 - (3) For an annual examination with exemption from attendance or re-attendance at lectures - - \$36
 - (4) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science.
- B. Honours Degrees of B.A.:
- (1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A.
 - (2) For each of Old and Middle English I and II, Old and Middle French I and II, and German IIB and IIIB - - - - - \$72

(3) For Honours Mathematics III - - - -	\$144
* (4) For instruction and final examination in the following Schools: Classics, Computing Science, Economics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Geography, German Language and Literature, History, Latin (Scheme A and Scheme B), Mathematics, Music, Philosophy, Politics, Psychology, each - - -	\$240
(5) For the examination in a language other than English approved by the Faculty - - -	\$12

*Note: These fees cover all work, except courses for the Ordinary degree and Interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

V. DEGREE OF BACHELOR OF DENTAL SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course for the Ordinary degree— First year - - - - -	\$288
Each subsequent year - - - - -	\$330
B. For attendance at lectures, practical work and a Final Examination (not being an annual examination) -	\$165
C. For a supplementary examination in Clinical Dentistry I - - - - -	\$48
D. For a supplementary examination in any other subject	\$20
E. For the year's Honours work and examination - -	\$240

Note: The following additional fees are payable by dental students:

For the hire of microscopes, in each of the second, third, fourth and fifth years - - - - -	\$12
For the hire of dental instruments, in each of the third, fourth and fifth years (deposit, payable at the beginning of the third year, \$20) - - - - -	\$40

VI. DEGREE OF BACHELOR OF ECONOMICS

A. For attendance (or re-attendance) at lectures and annual examination: (1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule.	
(2) For each other subject - - - - -	\$72
(3) For a special examination in any subject -	\$20
(4) For an annual examination with exemption from attendance (or re-attendance) at lectures	\$36
B. For the Honours work and final Honours examination in Economics - - - - -	\$240

VII. DEGREE OF BACHELOR OF ENGINEERING

- A. For attendance at lectures, practical work and annual examination: those prescribed in the schedule of subjects for the degree. Provided that the total tuition fee for a standard academic year's work shall not exceed \$288.
- B. For the special Honours work, including examination:
- | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|------|
| Lectures | - | - | - | - | - | - | - | - | - | \$48 |
| Practical | - | - | - | - | - | - | - | - | - | \$72 |
- C. For a special examination (theoretical or practical or both) in any University subject - - - - - \$20

The fees for subjects and examinations of the South Australian Institute of Technology are as prescribed by that institution.

Note: The cost of field excursions associated with the various subjects is not included in the annual fee.

VIII. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

- A. For attendance (or re-attendance) at lectures and examination in Legal History - - - - - \$36
- B. For attendance (or re-attendance) at lectures and examination in each other legal subject of the course - - - - - \$72
- C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - - \$24
- D. 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.
- E. For the additional examination required for the Honours degree of Bachelor of Laws - - - - - \$60
- F. For the Final Certificate - - - - - \$10.50
- G. For a supplementary examination in any subject - - - - - \$20
- H. For attendance at the course of lectures in Taxation Law - - - - - \$36

Provided that the total tuition fee for a standard academic year's work shall not exceed \$288.

IX. DEGREE OF BACHELOR OF MEDICAL SCIENCE

- For the special year's work and examination in any subject for the Honours degree - - - - - \$240

X. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination:	
(1) In the first year - - - - -	\$288
(2) In each of the second, third, fourth, fifth and sixth years - - - - -	\$330
B. For a supplementary examination:	
(1) In any subject of the Preliminary, First Professional and Second Professional Examinations - - - - -	\$20
(2) 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. For each year's work and examination - - - - -	\$240
B. For a supplementary examination in any subject - - - - -	\$20
C. For chief practical study taken separately - - - - -	\$120
D. For each other subject taken separately - - - - - (up to a maximum of the annual fee of \$240 for the full year's course)	\$72
E. For subjects taken separately which are included in the Schedule for the degree of B.A. or for the degree of B.Sc.: the fee prescribed in the relevant Schedule.	
F. For the Honours work and final Honours examination	\$240

XII. DEGREE OF BACHELOR OF PHARMACY

A. For attendance at lectures, practical work, and annual examinations: the fees 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

	Lectures (inclusive fee)	Practical Work
A. For the Ordinary Degree:		
(1) Applied Mathematics II and III, General Mathematics, Mathematical Physics A, Mathematical Statistics I, Mathematical Statistics II, Mathematics I, Mathematics IS, and Pure Mathematics II and III, each - - - - -	\$72	
(2) Honours Mathematics III - - - - -	\$144	
(3) Biology, Botany I, Chemistry I, General Physics, Geology I, Physics I, and Zoology, each (inclusive fee) - - - - -	\$72	
(4) Biochemistry I, Botany II, Chemistry II, Genetics I, Geology II, Organic Chemistry II, Physical and Inorganic Chemistry II, Physics II, Physiology I, Psychology I(S), and Zoology II, each - - - - -	\$72	\$24
(5) Biochemistry II, Botany III, Genetics II, Geology III, Histology, Mathematical Physics B, Microbiology, Organic Chemistry III, Physical and Inorganic Chemistry III, Physics III, Physics III H, Physiology II, Psychology II(S), and Zoology III, each - - - - -	\$72	\$72
(6) Special Subjects:		
A composite subject in lieu of a subject from Group C (inclusive fee) - - - - -	\$144	
Palaentology - - - - -	\$72	\$24
Science German (for candidates other than Honours students) - - - - -	\$12	
Soil Science I, IA or IB - - - - -	\$72	\$24
B. For the Honours Degree:		
For the final-year Honours work and the final examination in any subject - - - - -		\$240
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 a supplementary examination (theoretical or practical or both) - - - - -		
		\$20

Notes: (1) The cost of field excursions associated with the various subjects is not included in the annual fee.

(2) The fees for the course 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: the fees 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 - - - \$84
 For part-time work in the University - - - \$30
 For external work - - - \$18
- C. On submission of the thesis for examination or re-examination or on entry for any examination required \$20
-

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 - - - \$84
 For part-time work in the University - - - \$30
 For external work - - - \$18
- C. On submission of the thesis for examination or re-examination or on entry for any examination required \$20
-

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 - - - \$84
 For part-time work in the University - - - \$30
 For external work - - - \$18
- C. On submission of the thesis for examination or re-examination, or on entry for any examination required \$20
-

XVIII. DEGREE OF MASTER OF ARTS

A. Under Regulation 2 (b and c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - -	\$144
(2) For guidance without instruction - - - - -	\$72
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 - - - - -	\$84
For part-time work in the University - - - - -	\$30
For external work - - - - -	\$18
D. Under Regulation 3:	
On submission of the thesis for examination or re-examination - - - - -	\$20
Provided that for a candidate in Classics the fee of \$20 shall include also the fee for the examination required.	

XIX. DEGREE OF MASTER OF BUSINESS MANAGEMENT

A. Fee for each seminar course - - - - -	\$48
For the subject Investment Planning and Business Finance - - - - -	\$36
B. On approval of the subject of the dissertation - - - - -	\$10
C. Annual Registration Fee for dissertation work:	
For full-time work in the University - - - - -	\$84
For part-time work in the University - - - - -	\$30
For external work - - - - -	\$18
D. On submission of the dissertation for examination or re-examination - - - - -	\$20

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 - - - - -	\$84
For part-time work in the University - - - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination, or on entry for any examination required	\$20

XXI. DEGREE OF MASTER OF ECONOMICS

A. Under Regulation I(c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics -	\$144
(2) For guidance without instruction - - -	\$72
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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
D. On submission of the thesis or dissertation for examination or re-examination - - - - -	\$20

XXII. DEGREE OF MASTER OF EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject prescribed in Schedule I - - - - -	\$36
B. For an annual examination in a subject prescribed in Schedule I with exemption from attendance or re-attendance at lectures - - - - -	\$18
C. For a special examination in a subject prescribed in Schedule I - - - - -	\$12
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 thesis or on dissertation and examination:	
For full-time work in the University - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
F. On submission of the thesis or the dissertation, including entry for the associated examination - -	\$20
G. On submission of the thesis or dissertation for re-examination, or on entry for any further examination required - - - - -	\$20

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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination or on entry for any examination required	\$20

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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination or on entry for any examination required	\$20

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 - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
C. On submission of the thesis for examination or re-examination or on entry for any examination required	\$20

XXVI. DEGREE OF MASTER OF SURGERY

On presentation of the thesis - - - - -	\$63
On entry for the oral examination (if required) - - -	\$32

XXVII. DEGREE OF MASTER OF TOWN PLANNING

A. Annual fee for courses of study:	
For candidates by full-time study - - - - -	\$288
For candidates by part-time study - - - - -	\$96
B. On approval of the subject of the thesis - - -	\$10
C. Annual Registration Fee for work on thesis:	
For full-time work in the University - - -	\$84
For part-time work in the University - - -	\$30
For external work - - - - -	\$18
D. On submission of the thesis for examination or re-examination or on entry for any examination required	\$20

XXVIII. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis	-	-	-	-	-	\$63
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XXIX. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis	-	-	-	-	-	\$63
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XXX. DEGREE OF DOCTOR OF LETTERS

On approval of the subject of the work	-	-	-	-	-	\$63
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XXXI. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis	-	-	-	-	-	\$63
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XXXII. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise	-	-	-	-	-	\$31.50
On entering for the Final Examination	-	-	-	-	-	\$31.50

XXXIII. DEGREE OF DOCTOR OF PHILOSOPHY

A. On acceptance as a candidate	-	-	-	-	-	\$10
B. For each term's work for the degree until submission of thesis	-	-	-	-	-	\$28
C. On submission of the thesis for examination	-	-	-	-	-	\$30
D. On submission of thesis for re-examination, including the fee for any additional work required	-	-	-	-	-	\$60

XXXIV. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work	-	-	-	-	-	\$63
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XXXV. 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 - - -	\$240
B. For attendance (or re-attendance) at lectures and annual examination in the following subjects taken separately: Numerical Analysis, Programming Languages and Computing Mathematics, Theory of Systems, Data Processing, each - - - - -	\$72
C. For an annual examination with exemption from attendance (or re-attendance) at lectures in any one of the subjects listed in Section B - - - -	\$36
D. For a supplementary or special examination in any one of the subjects listed in Section B - - - -	\$20
E. For the course of practical work - - - -	\$72

XXXVI. DIPLOMA IN EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - -	\$36
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	\$18
C. For a special examination - - - - -	\$15
D. For the course in Practical Teaching and Methodology - - - - -	\$36

XXXVII. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination - - - - -	\$42
For the Fellowship - - - - -	\$21

XXXVIII. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required - - - -	\$10
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	\$240

C. For Principal Study taken separately	- - -	\$120
For Second Study taken separately	- - -	\$72
For each other subject taken separately: \$48 up to a maximum of the annual fee of \$240 for the full year's course being taken for the first time.		
D. For a supplementary examination in any subject of a year's work	- - - - -	\$20

XXXIX. DIPLOMA IN PHARMACY

As prescribed in the schedule of subjects.

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 degrees of Bachelor of Arts and Bachelor of Science.	
B. For the subjects included under Regulation 3 (b): \$480 payable in two annual instalments of \$240 each.	
C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.	
D. For subjects taken separately:	
Second-year Course:	
Health Education	\$36
Body Mechanics	\$24
First Aid	\$4
Practice of Physical Education	\$48
Practical Work, Part I	\$72
Education	\$72
Human Biology	\$72
Third-year Course:	
Clinical Observation and Remedial Work	\$36
Principles of Physical Education	\$48
Practical Work, Part II	\$72
Practical Teaching	\$36
Physiological Psychology	\$36
Human Physiology	\$72
Human Nutrition	\$36
E. For each section of either part of the Practical Work	\$18
F. For the course in Practical Teaching	\$36
G. For a supplementary examination in any subject	\$20

XLI. DIPLOMA IN PHYSIOTHERAPY

- | | |
|---|-------|
| A. For each year's work, including one annual examination - - - - - | \$240 |
| 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 - - - - - | \$36 |
| 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 degrees of Bachelor of Arts and Bachelor of Economics. | |
| B. For attendance (or re-attendance) at lectures and examination: | |
| In Social work II - - - - - | \$108 |
| In Field Work - - - - - | \$36 |
| In each other subject - - - - - | \$72 |
| C. For attendance as a graduate without examination in Social Work I - - - - - | \$36 |

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, senior tutors, senior demonstrators, tutors, demonstrators, post-doctoral fellows, 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 ELDER CONSERVATORIUM LIBRARY

19. Teachers in the 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 Conservatorium Library.

VI. RULE 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 1967

PART V

SYLLABUSES AND TIME-TABLES

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Syllabus numbers — Description - - - - -	752
Syllabuses—	
Agricultural Science - - - - -	753
Architecture and Town Planning - - - - -	765
Arts <i>and</i> Education - - - - -	787
Dentistry - - - - -	852
Economics <i>and</i> Commerce - - - - -	860
Engineering - - - - -	878
Law - - - - -	907
Medicine <i>and</i> Medical Science - - - - -	917
Music - - - - -	925
Pharmacy: Diploma - - - - -	940
Degree - - - - -	1095
Physical Education - - - - -	944
Physiotherapy - - - - -	950
Science <i>and</i> Computing Science - - - - -	957
Social Studies - - - - -	996
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Table of Departments - - - - -	1101
Table [Alphabetical Index] of Subjects - - - - -	1103
Time-tables - - - - -	1109

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	765
Arts	A	787
Dentistry	D	852
Economics	E	860
Engineering	N	878
Law	L	907
Medicine	M	917
Music	U	925
Pharmacy*	F	940
Physical Education*	Z	944
Physiotherapy*	P	950
Science	S	957
Social Studies*	O	996
Technology and Applied Science	T	999

* 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, 1967

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:

EE83 Agricultural 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.

SM81 General Mathematics.

SZ71 Biology.

SM71 Mathematics I S.

SB01 Botany I.

SM01 Mathematics I.

SB02 Botany II.

SM02 Pure Mathematics II.

SC01 Chemistry I.

SM12 Applied Mathematics II.

SC12 Chemistry II.

SP71 General Physics.

SJ02 Genetics I.

SP01 Physics I.

SJ03 Genetics II.

SZ01 Zoology I.

SG01 Geology I.

SZ02 Zoology II.

SG02 Geology II.

WB03. Agricultural Biochemistry I.

Pre-requisite subject: A Division I pass or higher in Chemistry II (SC12) or in Biochemistry I (SY02). Students having done Biochemistry I would be expected to do additional reading in Physical and Inorganic Chemistry and Organic Chemistry, after consultation with the Professor of Agricultural Biochemistry.

A course of two hours lectures and three hours practical a week for three terms dealing with the chemistry and intermediary metabolism of micro-organisms, plants and animals and the chemistry of viruses. Topics include biochemistry of the carbon, nitrogen and sulphur cycles in nature; electron transfer and oxidative phosphorylation in biological systems; photosynthesis; metabolism of proteins, carbohydrates and lipids; biochemistry of vitamins and coenzymes; plant and animal hormones; biochemical genetics. Practical work will consist of experiments related to the above topics.

Text-books:

Fruton, J. S. and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Conn, E. E. and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

WB04. Agricultural Biochemistry II.

Pre-requisite subject: A Division I pass or higher in Agricultural Biochemistry I (WB03).

A course of 2 hours lectures and 10 hours practical work a week for three terms. The course includes advanced aspects of the intermediary metabolism of micro-organisms, plants and animals. The topics include mechanisms of enzyme action in relation to the ultrastructure of cells; metabolism of inorganic nitrogen and its compounds; biochemistry of absorption and translocation of ions; structural and kinetic properties of enzymes; function of metals in enzyme systems; chemical virology; biosynthesis of proteins and nucleic acids; biochemical and genetical control mechanisms in cells, including hormones and their actions in plants and animals. The practical work will consist of experiments related to the above topics and will include a research project.

In addition to the text-books for Agricultural Biochemistry I, the following are recommended:

Text-book:

Dixon, M., and Webb, E. C., *Enzymes*, 2nd edition (Longmans).

Reference books:

Boyer, P. D., Lardy, H., and Myrback, K., *Enzymes*, 2nd edition, vols. I-VI (Academic Press).

Colowick, S. P., and Kaplan, N. O., *Methods of enzymology*, vols. I-VI (Academic Press).

White, A., and others, *Principles of biochemistry*, 3rd edition (McGraw-Hill).

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).

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 text-books listed for Soil Science I the following books 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).
 Bear, F. E., *Chemistry of the soil*, 2nd edition (Reinhold).
 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).
 Jenny, H., *Factors of soil formation* (McGraw-Hill).
 Olphen, H. van, *Introduction to clay colloid chemistry* (Interscience).
 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).
 Jenny, H., *Factors of soil formation* (McGraw-Hill).
 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.

ENGINEERING IN AGRICULTURE: The role of mechanisation, power and hydraulics in agriculture. Elementary surveying.

PRINCIPLES UNDERLYING AGRICULTURAL TECHNOLOGY: 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 system in southern Australia.

Students are required to participate in and report on tours of agricultural areas in South Australia.

Text-books:

Australia, C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P.).
Wadham, S., Wilson, R. K., and Wood, Joyce, *Land utilization in Australia*, 4th edition (M.U.P.).

Reference books:

Bainer, R., Kepner, R. A., and Barger, E. L., *Principles of farm machinery* (Wiley).
Klingman, G. L., *Weed control as a science* (Wiley).
Australian Academy of Science, *Water resources, use and management* (M.U.P.).

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.

THE PRINCIPLES AND TECHNIQUES OF AGRONOMIC EXPERIMENTATION: Processes of reasoning, hypothesis, evidence; errors and variation in agronomic studies. Collection of crop, pasture and animal data. Field and pot experimentation; supplementary techniques, water culture.

THE BOTANY OF CROP AND PASTURE PLANTS: Origin, evolution and taxonomy; morphology and development of selected crop plants, pasture grasses and legumes.

THE GROWTH AND ECOLOGY OF FIELD CROPS AND PASTURES: Crop establishment, growth of organs, individuals, communities; vegetative and reproductive growth; growth analysis and physiological basis of variation in yield. Yield in relation to nutrient concentration, nutrient deficiencies. Light interception, energy balance; evaporation and radiation measurement, dynamics of water supply, transfer processes between crop canopy and atmosphere, soil and plant water status. Density and plant competition. Pasture-animal interactions. Crop and pasture utilisation; pasture evaluation.

Reference books:

Barnard, C. (Ed.), *Grasses and grasslands* (Macmillan).
Evans, L. T., (Ed.), *Environmental control of plant growth* (Academic Press).
Hector, J. M., *Botany of field crops*, Vol. I and II, (Johannesburg Central Newsagency).
Hutchinson, J. B. (Ed.), *Essays on crop plant evolution* (Cambridge).
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 11, *Climatology and micro-climatology*.

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.

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., Davidson, J. N. and Scarborough, H., *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* (Butterworths).

Brody, S., *Bioenergetics and growth* (Reinhold).

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, pig 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.), *Ruminant metabolism* (Hutchinson); or
 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).
 Harper, H. A., *Review of physiological chemistry*, 10th edition (Los Altos, Lange, 1965).
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).
 Dukes, H. H., *The physiology of domestic animals* (Comstock, Ithaca, N.Y.).
 Yeates, N. T. M., *Modern aspects of animal production* (Butterworths).

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.

Pre-requisite subjects: Biometry IB (WY03), Pure Mathematics II (SM02).

The course comprises four lectures and two tutorials or practical classes a week. During the first two terms the syllabus is that provided by the Mathematics Department for Mathematical Statistics II (SM23). During the third term a course is given in the practical aspects of data analysis, computer processing and experimental design.

Reference books: as for Mathematical Statistics II (SM23), together with the following:

- Pearce, S. C., *Field experimentation with fruit trees and other perennial plants* (Comm. Agric. Bur. Tech. Communication No. 23, 1953).
 Yates, F., *The design and analysis of factorial experiments* (Im. Bur. of Soil Science, Tech. Communication No. 35, 1937).
 Cochran, W. G., and Cox, G. M., *Experimental designs* (Wiley, 1957).
 Kempthorne, O., *The design and analysis of experiments* (Wiley, 1952).

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.

No textbook is required but selected reading will be assigned.

WE03. Entomology and Plant Pathology.

A course of two lectures and one practical class each week throughout the year. The first half of the year is spent on Entomology and the second 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 first week of the final term. 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, 1959).

Wigglesworth, V. B., *Insect physiology*, 6th edition (Methuen's Monograph and Science Paper-back).

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*, 3rd edition (Chronica Botanica).

Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).

Large, E. C., *The advance of the fungi* (Alden Press).

Smith, K. M., *A text-book of plant virus diseases*, 2nd edition (Churchill).

Thorne, G., *Principles of nematology* (McGraw-Hill).

WE04. Entomology II.

Pre-requisite subjects: Entomology and Plant Pathology (WE03), and Zoology II (SZ02) at Division I or higher standard.

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:

Anderson, H. W., *Diseases of fruit crops* (McGraw-Hill).

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*, 3rd edition (Chronica Botanica).
- Bessey, E. A., *Morphology and taxonomy of fungi* (McGraw-Hill).
- Burnet, Sir F. M., and Stanley, W. M., *The viruses*, Vols. 1 and 2 (Academic Press, 1959).
- Cochrane, V. W., *Physiology of fungi* (Wiley).
- Dickson, J. G., *Diseases of field crops*, 2nd edition (McGraw-Hill).
- Dowson, W. J., *Plant diseases due to bacteria* (C.U.P.).
- Garrett, S. D., *Biology of root infecting fungi* (C.U.P.).
- Gregory, P. H., *The microbiology of the atmosphere* (Leonard 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 edition (Arnold).
- Smith, K. M., *Text-book of plant virus diseases*, 2nd edition (Churchill).
- Thorne, G., *Principles of nematology* (McGraw-Hill).
- Walker, J. C., *Diseases of vegetable crops* (McGraw-Hill).

WF03. Crop Physiology.

Pre-requisite subject: Botany II (SB02) at Division I or higher standard.

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.

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 10 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.

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.**

Students wishing to take the Honours degree in 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.

A candidate will be required to attend tutorials and to prepare seminars on selected topics. A research project will be assigned to each candidate and a thesis will be presented 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. Intending candidates should consult the Head of the Department and be prepared 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, C. 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.

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 assessments; 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).

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).

Elective.

A subject and syllabus to be approved by the Faculty.

RA41. Studio Work I.

The practical application of theoretical work in architectural and free drawing, architectural design, building construction, building science, and the history of architecture.

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:

- Pearson, R. G., and others, *Timber engineering design handbook*, 2nd edition, (Jacaranda 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 design of simple structures.

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).
 Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).
 Bedford, T., *Basic principles of heating and ventilating* (2nd edition) (Lewis).
 Australia. Commonwealth Experimental Building Station, Bulletin No. 6, *Designing houses for Australian climates* (C.E.B.S.).
 Australia. Commonwealth Experimental Building Station, *Notes on the science of building* (C.E.B.S.), as prescribed by the lecturer.
 S.A. Works, Ministry of, Regulations under the Sewerage Act 1929-1955, 1960 (S.A. Government Printer).

Reference books:

- Faber, O., *Heating and ventilation* (Spon).
 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).
Encyclopaedia of modern architecture, edited by G. Hatje (Thames and Hudson).
 Pevsner, N., *An outline of European architecture* (Penguin).

Reference books:

- Joedicke, J., *History of modern architecture* (Architectural Press).
 Allsop, H. S., *The general history of architecture* (Pitman).
 Wittkower, R., *Architectural principles in the age of humanism* (Tiranti).
 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).

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).

B.S. 1708—*Modular co-ordination* (British Standards Institution).

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., *Eléments 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, fittings, 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. *Component 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. Three-pin arch.

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. 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).
 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).

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., *Arbeidsstudienes 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-book:

Standards Association of Australia, *Code No. CA.2-1958 for 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).

Illuminating Engineering soc. Technical report No. 4: *Lighting during daylight hours* (I.E.S.).

RA34. Architectural Design and Planning IV.

Contemporary developments. The relationship of structure and design. Specialised design problems.

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).

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).

Hiorns, F., *Town building in history* (Harrap).

Gallion, A. B., and Eisner, S., *The urban pattern* (Van Nostrand).

Hilberseimer, L., *The nature of cities* (Theobald, Chicago).

RA54. Professional Practice II.

Building economics. Quantity surveying. Bills of quantities. Standard method of measurement. Law of building contracts. Standard form of contract. Certificates and accounts.

Text-books:

Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).

Browning, C. D., *Building economics and cost planning* (Batsford).

Reference books:

Royal Institution of Chartered Surveyors, *Planning the cost:—The economic control of building development*.

Hudson, A. A., *Building and engineering contracts*, 8th edition edited by E. J. Rimmer and J. N. D. Walker (Sweet and Maxwell).

Smith, D. Walker-, and Close, H. A., *The standard form of building contract* (C. Knight).

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 Honours II.

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.

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).
 Cifford, 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. 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).
 Willis, A. J. and George, W. N. B., *The architect in practice* (Crosby Lockwood).
 Turner, H. H., *Architectural practice and procedure* (Batsford).
 Rimmer, E. J., *The law relating to the architect* (Stevens).
 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 Hospitals 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 zone* (Batsford).
 Oakley, D., *Tropical houses* (Batsford).
 Conklin, G., *The weather conditioned house* (Reinhold).
 Aronin, J. E., *Climate and architecture* (Reinhold).
 Olgyay, A., and Olgyay, V., *Solar control and shading devices* (Princeton U.P.).
 Olgyay, V., *Design with climate* (Princeton U.P.).
 Groundwater, I., *Solar radiation and air conditioning* (Lockwood).
 Billington, N. S., *Thermal properties of buildings* (Cleaver Hume).
 Drysdale, J. W., *Designing houses for Australian climates* (Australia: C.E.B.S., Bulletin No. 6).
 Holmes, B. M., *Weathering in the tropics* (Australia: C.S.I.R.O. Division of Building Research, Melbourne).
 Keough, J. J., *Selected Australian climatic data* (Tech. Study 36, Australia: C.E.B.S., Sydney).
Climate and meteorology of Australia (Bulletin No. 1, Australia: Bureau of Meteorology, 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).

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*.
- Koeppe, 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:

- B.S. 1708—*Modular co-ordination* (British Standards Institution).
- B.S. 2900—*Modular co-ordination in building*, Part I, Glossary (British Standards Institution).
- 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.
- C. & C. A., *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* (Iliffe Books Ltd., London).
- 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.).
- Minkus, P. A., *Philosophy of the person* (Basil Blackwell).
- Newell, A., Shaw, J. C., and Simon, H. A., *The processes of creative thinking* (Rand).
- 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).
- Anderson, H., *Creativity and its cultivation* (Harper).
- Dewey, J., *Art as experience* (Capricorn).
- Aldrich, V. C., *Philosophy of art* (Prentice-Hall).
- Maritain, J., *Creative intuition in art and poetry* (Meridian).
- Vivas, E., *Creation and discovery* (Noonday).
- Croce, B., *Aesthetic* (Noonday).
- Langer, S., *Reflections on art* (Oxford).
- Philipson, M., *Aesthetics today* (Meridian).
- Gilson, E., *Painting and reality* (Meridian).
- Burke, E., *The sublime and the beautiful* (Cassell).
- Fry, R., *Vision and design* (Pelican).
- Pye, D., *The nature of design* (Studio).
- Anderson, D. M., *Elements of design* (Holt, Rinehart and Winston).
- Moholy-Nagy, L., *The new vision and abstract of an artist* (Wittenborn).
- Schwarz, R., *The church incarnate* (Regnery).
- Norberg Schulz, C., *Intentions in architecture* (Allen and Unwin).
- Cornell, E., *Humanistic inquiries into architecture* (Gunperts Forlag).
- Cowgill, C. H., and Small, B. J., *Architectural practice* (Reinhold).

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).

Sharp, T., and others, *Design in town and village* (Ministry of Housing and Local Govt., 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).
 Sitte, C., *City planning according to artistic principles* (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).
- Miller, J. M., *Report of the international seminar on urban renewal — The Hague — 1958*, and *Proceedings* (International Federation for Housing and Planning).
- 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.).
- Architectural Review, June 1955, *Outrage*.
- Architectural Review, December 1956, *Counter attack* (Special Number).
- S.A. Harbors Board, *The greater Port Adelaide plan*.
- Great Britain: Fuel and Power, Ministry of, *Committee on national policy for the use of fuel and power resources* (H.M.S.O.).
- 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).
- The design of bridges—five papers presented at the conference of the Institution of Structural Engineers 1958.*
- 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. In general, students are not advised to attempt the subject unless they have reached that standard.

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, C. T., and Short, C., *Latin Dictionary* (O.U.P.) and Gildersleeve, B. L., and Lodge, G., *Latin Grammar* (Macmillan).

AC01. Latin I.

The subject is divided into two parts:

- (a) the study of three works of Latin literature:
 Virgil, *Aeneid* IV, ed. R. G. Austin (O.U.P.).
 Horace, *Satires* I, ed. J. Gow (C.U.P.).
 Pliny, *Selected Letters*, ed. C. E. Prichard and E. R. Bernard (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.

Pre-requisite subject: Latin I at Division I standard or higher.

The subject is divided into three parts:

- (a) The study of three works of Latin literature:
 Virgil, *Georgics* IV, in *Georgics I and IV*, ed. H. H. Huxley (Methuen).
 Propertius, *Book I*, ed. W. A. Camps (C.U.P.).
 Seneca, *Select Letters*, ed. W. C. Summers (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 (202-27 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 M., *History of Rome* (Macmillan) or Scullard, H. H., *From the Gracchi to Nero* (Methuen).

AC03. Latin III.

The subject is divided into four parts:

- (a) The study of four works of Latin literature:
 Tacitus, *Annals* I, ed. N. P. Miller (Methuen).
 in addition to the works prescribed for Latin II.
- (b) Latin unseen translation and Latin prose composition.
- (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, M., *History of Rome* (Macmillan) or Wells, J., and Barrow, R. H., *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 examination will consist of the following papers, each of which will be set for three hours:

- (a) Latin prose composition.
Two compositions will be 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 will be set on the works of Latin authors, and candidates will be required to attempt five. Wide reading among Latin authors will be needed.

- (f) Roman history.

Candidates will 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, will be set on each period for which there are candidates. Some acquaintance will be needed with the ancient sources for the period chosen.

- (g) Roman society, thought and religion.

Sixteen questions will be set, of which candidates will be required to attempt five.

- * Paper (b) will be optional, but credit will be given for merit shown in it. Proficiency in Latin Verse composition will be 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, H. G., and Scott, R., *Greek-English Lexicon*, 9th edition, ed. H. S. Jones (Clarendon), and Goodwin, W. W., *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 \$72.

The following books will be used:

Nairn, J. A., and Nairn, G. A., *Greek through reading* (Ginn).

Herodotus, *book VI*, chapter 100 *et seq.*, ed. E. S. Shuckburgh (C.U.P.).

Euripides, *Alcestis*, lines 1-368 without chorus, ed. M. A. Bayfield (Macmillan).

AC11. Greek I.

The subject is divided into two parts:

- (a) The study of three works of Greek literature:
 Homer, *Iliad XVIII*, in *Iliad XIII-XXIV*, ed. W. Leaf and M. D. Bayfield (Macmillan).
 Herodotus, *Book II*, ed. W. G. Waddell (Methuen).
 Euripides, *Iphigeneia in Tauris*, ed. M. Platnauer (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 the students will use for additional reading will be issued during the year. It will involve weekly written work and a weekly tutorial.

AC12. Greek II.

The subject is divided into three parts:

- (a) The study of three works of Greek literature:
 Aeschylus, *Persae*, ed. H. D. Broadhead (C.U.P.).
 Thucydides, *Book I*, ed. E. C. Marchant (Macmillan).
 Aristophanes, *Peace*, ed. M. Platnauer (O.U.P.).
- (b) The history of Greece (594-404 B.C.). See the syllabus for Ancient History for the content of the lectures and the preliminary reading necessary. The lectures will be given, and an essay is to be written, in the first term. Students should obtain Hammond, N. G. L., *History of Greece* (C.U.P.) or Bury, J. B., *History of Greece*, 3rd edition, ed. Meiggs (Macmillan).
- (c) The study of a literary genre. The genre for 1967 is epic. There will be weekly written work and a weekly tutorial in the second and third terms. The material to be used by students will be issued during those terms.

AC13. Greek III.

The subject is divided into three parts:

- (a) The study of four works of Greek literature:
 Euripides, *Bacchae*, ed. E. R. Dodds (O.U.P.).
 in addition to the works prescribed for Greek II.
- (b) Greek society and thought down to the fourth century B.C. No special lectures will be given, but in the first term weekly written work and a weekly tutorial will be concerned with Greek thought: the period studied will be from the pre-Socratics to Aristotle. For preliminary reading Cornford, F. M., *Before and after Socrates* (C.U.P.) is recommended.
 For Greek society the following books are recommended:
 Zimmern, A. E., *The Greek Commonwealth* (O.U.P.).
 Jones, A. H. M., *Athenian democracy* (Blackwell).
- (c) Greek unseen translation and, at the student's choice, *either* Greek prose composition *or* the study of a literary genre. The genre for 1967 is epic. There will be weekly written work and a weekly tutorial in the second and third terms. The material to be used by students will be issued during those terms.

AC72. Ancient History.

Second-year subject, not forming part of a sequence. Pre-requisite, at Division I standard or higher: 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 (202 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 deal with the period to be studied. The lectures on Greek history will be given in the first term, those on Roman Republican history (202 - 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 1967: Imperialism in the Graeco-Roman world.

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., *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).
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.).
 Lepper, F. A., *Trajan's Parthian war* (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: Leaving Latin and, at Division I standard or higher, *either Latin I or Greek I or French I or German I or IA*.

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 examination will consist of the following papers, each of which will be set for three hours:

- (a) Greek prose composition.
 Two compositions will be required.
- (b) Latin prose composition.
 Two compositions will be 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 will be set on the works of Greek and Latin authors, and candidates will be required to attempt five, taking not more than three from either section of the paper. Wide reading among classical authors will be needed.
- (f) Greek and Roman history.

Candidates will 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 will be 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 will be needed with the ancient sources.

(g) Greek and Roman society, thought and religion.

Sixteen questions will be set, of which candidates will be required to attempt five, taking not more than three from either section of the paper.

Optional papers in Greek and Latin verse composition will be available, and credit will be given for merit shown in them. Proficiency in Greek and Latin verse composition will be 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 will be developed as follows:

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* (Halton 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.

Text-books:

- Cole, J. A., and Blake, L. J., *Principles and techniques of teaching* (Whitcombe and Tombs).
- Great Britain, Ministry of Education, *Primary education* (H.M.S.O.).
- Pappas, C., *Reading in the primary school* (Macmillan).
- Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).
- Reeves, J., *Teaching poetry* (Heinemann).
- Cutforth, J. A., *English in the primary school* (Blackwell).
- Keith and Robertson, *The principles of arithmetic* (Blackie).
- Education Dept. of S.A., *Arithmetic handbook for teachers in primary schools*.
- Johnson, D. A., and Glenn, W. A., *Sets, sentences and operations* (Murray).
- Allen, G., *Social studies in the primary school* (Macmillan).
- Dray, J., and Jordan, D., *A handbook of social studies* (Methuen).

AD41. Practical Teaching and Methodology A (Secondary).

This subject is an integrated course comprising:

- (a) PRACTICAL TEACHING;
- (b) METHODOLOGY:

The course consists of two hours lectures and seminars a week, together with such essays, seminar papers and other written work as may be prescribed from time to time.

Detailed consideration is given to aspects of the secondary school. Topics include the principles underlying secondary school curricula, the nature and techniques of evaluation, the preparation and presentation of lessons, the library and its uses, modern methods and approaches, teaching adolescents, and audio-visual education.

Candidates also make a particular study of three or more subjects taught in secondary schools, the place of these subjects in the curriculum (including some historical reference), the aims and methods of teaching them and practical problems associated with the teaching.

Students taking Secondary Education should consult the lecturer in charge early in the academic year for reading lists.

Major reference books:

Connell, W. F., *The foundations of secondary education* (A.C.E.R., 1961).

Nisbet, S. D., *Purpose in the curriculum* (U.L.P., 1957).

Rivlin, H. N., *Teaching adolescents in secondary schools*, 1961.

Deterline, W. A., *An introduction to programmed instruction* (Prentice-Hall).

Lindquist, E. F., *Educational measurement* (American Council of Education, 1951).

Lieberman, M., *Education as a profession* (Prentice-Hall).

Additional books and periodicals for reading and reference will be prescribed by the lecturers.

DIPLOMA IN EDUCATION

The course for the diploma is a single, composite course of full-time study lasting for one year and requiring the whole of a candidate's time to be devoted to it. The work consists of reading, attendance at a number of tutorial and seminar classes each week, such practical and written exercises as may be prescribed, visits to schools and other institutions, periods of supervised teaching practice, and attendance at lecture courses.

Each of the lecture courses consists of one lecture a week.

AD04. Theory of Education I.

The following books, or chapters in books, should be read:

Plato, *The republic*, particularly sections 9-14 and 18-28 in 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.).

Clarke, G., *World prehistory: an outline*.

Alsop, J. W., *From the silent earth: a report on the Greek Bronze age*.

Marron, H. I., *A history of education in antiquity* (Sheed and Ward).

Dawson, C., *The making of Europe, 400-1,000 A.D.*

- Adamson, J. W., *English education, 1789-1902*.
 Austin, A. G., *Australian education, 1788-1900* (Pitman).
 Austin, A. G., *Select documents in Australian education, 1788-1900* (Pitman).
 Banks, O., *Parity and prestige in English secondary education* (Routledge and Kegan Paul).

The following books should be consulted:

- Monroe, P., *Source book of the history of education for the Greek and Roman period* (Macmillan).
 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. Education Board of Special reports on educational subjects vol. 1, 1898, pp. 434-545).
 Sadler, M. E., and Edwards, J. W., *Public elementary education in England and Wales, 1870-1895* (Great Britain. Education Board of Special reports on educational subjects, vol. 1, 1896-7, pp. 1-71).
 Cruikshank, M., *Church and State in English education* (Macmillan).

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, 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).
 Riessman, 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 books should be read:

Preliminary reading:

- Green, Donald R., *Educational psychology*.
 Mussen, P. H., *The psychological development of the child*.
 Mednick, S. A., *Learning*.

General:

- 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.*

Useful background reading will be found in the following paper-backed books:

- King, R. A., *Readings for an introduction to psychology.*
 Hodgkinson, H. L., *Education in social and cultural perspectives.*
 The Insight Books published by Van Nostrand, The Foundations of Modern Psychology series published by Prentice-Hall, and 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., *Essais.*
 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*.
 Keatinge, M. W., *The great didactic of Comenius*.
 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., *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*.
 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*.
 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: The History of Education in France (a reading knowledge of French is NOT required); The History of Secondary Education in Australia.

It is assumed that candidates enrolled for the course will have read the books prescribed for History of Education I.

The following books should also be read:

- Jackson, J. H., *A short history of France from early times to 1958*.
 Ehrenburg, V., *Society and civilization in Greece and Rome* (Harvard U.P.).
 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*.
 Knowles, D., *The evolution of medieval thought*.
 Rashdall, H., *The universities of Europe in the middle ages*, 2nd edition, edited by Powicke and Emden 1936, 3 volumes (Oxford, Clarendon Press), for reference.

- Haskins, C. H., *The renaissance of the twelfth century* (Harvard).
- Kristeller, P. O., *Renaissance thought, the classical humanist and scholastic strains* (Harper).
- Barnard, H. C., *The French tradition in education: Ramus to Mme Necker de Saussure* (C.U.P.).
- Hazard, P., *The European mind, 1680-1715*.
- Bury, J. B., *The idea of progress*.
- 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 volumes (Waldegrave).
- Toulmin, S., and Goodfield, J., *The discovery of time*.
- Johnson, D., *Guizot: Aspects of French history, 1774-1874*.
- Arnold, M., *Schools and universities on the continent* (Michigan U.P.).
- Arnold, M., *Democratic Education*.
- 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*.
- Wykes, Olive, *Secondary Education in France during the Fourth Republic*.
- Fraser, W. R., *Education and society in modern France*.
- Popper, K. R., *The poverty of historicism*.
- Medaward, P. B., *The future of man*.
- Teilhard de Chardin, P., *The phenomenon of man*.
- French, E. L., *Secondary education in the Australian social order, 1788-1898*.
- Nadel, G., *Australia's colonial culture* (Cheshire).
- Fogarty, R., *Catholic education in Australia 1806-1950*, 2 volumes (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*.
- New South Wales, Education, Dept of, *Report of the committee appointed to survey secondary education in New South Wales* (1957, The Wyndham report).

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).
- Furneaux, W. D., *The chosen few* (O.U.P.).
- Venables, P. F. R., *Technical education*.
- Edwards, Reese, *The secondary technical school in England* (London University Press).
- McIntosh, D. M., *Educational guidance and the pool of ability* (London University Press).
- Great Britain: Education, Ministry of, Central Advisory Council on Education, *Early leaving* (H.M.S.O.).
- Banks, O., *Parity and prestige in English education* (Routledge and Kegan Paul).

- Friedmann, G., *Industrial society* (Free Press).
 Wilkinson, R., *The prefects* (O.U.P.).
 Douglas, J. W. B., *The home and the school*.
 McClelland, D., *The achievement motive* (Appleyard).
 McClelland, D., *The achieving society* (D. Van Nostrand).
 Wilson, P., Carr-Saunders, A. M., *The professions*.
 Bottomore, T. and Rubel, M., *Karl Marx: selected writings in sociology and social philosophy* (Watts).
 Great Britain, Education, Ministry of, *Central Advisory Council for Education, half our future* (Newsom Report).

Primary sources:

- Annual reports of ministers of education for each state.*
Official gazettes of education departments in each state.
Publications of bureau of census and statistics: University statistics I.
University finance.
Statistical register of South Australia.
Commonwealth year book, Part VII.
Social statistics.
Reports of Australian universities commission.
The Australian education index and The British education index should be consulted.

AD30. Educational Psychology II.

This course of lectures, tutorials, written and practical exercises will have special reference to educational research and the application of it to teaching in schools.

Students must be familiar with the following publications devoted to educational research:

Journals:

- Educational research.*
Review of educational research.
Journal of educational psychology.
British journal of educational psychology.

Reference book:

- Harris, C. W. (ed.), *Encyclopædia of educational research*, 3rd edition (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*.
- Cruikshank, 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., et al., *Talent and society*.
- Hunt, J. McV., *Intelligence and experience*.
- Getzels, J. W., and Jackson, P. W., *Creativity and intelligence*.
- Russell, D. H., *Children's thinking*.
- Peel, E. A., *The pupil's thinking*.
- Piaget, J., *The language and thought of the child*.
- Tanner, J. M., *Education and physical growth*.
- National Society for the study of education, 63rd Yearbook, *Theories of learning and instruction*.
- Travers, R. M. W., *Essentials of learning*.
- Lumsdaine, A. A., and Glaser, R. (eds.), *Teaching machines and programmed learning*.
- Fry, E. B., *Teaching machines and programmed instruction*.
- Mussen, P. H., et al., *Child development and personality*.
- Havighurst, R. J., *Human development and education*.
- Gordon, I. J., *Human development*.
- Peck, R. F., and Havighurst, R. J., *The psychology of character development*.
- Herbert, W. L., and Jarvis, F. V., *Dealing with delinquents*.
- Shields, R. W., *A cure 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*.
- 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., *Comparative education*.
 Kandel, I. L., *Comparative education*.
 Kandel, I. L., *The new era in education*.
The year book of education, 1948.
The year book of education, 1952.
 Gal, R., *La réforme de l'enseignement*.
 Armfelt, R. N., *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*.
 Cruickshank, 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., *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 year book of education, 1938. Hans, N., *Educational traditions in the English-speaking countries*.
 Hans, N., 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 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 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., *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 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* (Humanities).
 Bodenheimer, F. S., *The history of biology: an introduction* (Dawson).
 Ritterbush, P. C., *Overtures to biology* (Yale).
 Eiseley, L., *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* (Hutchinson).
 Toulmin, S., and Goodfield, J., *Architecture of matter* (Hutchinson).
 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., *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*, *Osiris*, *Annals of science*, *History of science*, *Archives internationales d'histoire des sciences*, *British journal for the philosophy of science*, *Scientia*, *Journal of the history of ideas*, *Minerva* and *Technology and culture*.

A number of valuable articles and essays from these and other journals have been collected and reprinted. Books to which students will need to refer also include collections of important papers presented to the international conferences and symposia and of essays written in honour of eminent scientists and historians and philosophers of science. Valuable collections of this type are:

- Clagett, M. (ed.), *Critical problem in the history of science*.
 Crombie, A. C. (ed.), *Scientific change*.
 Singer, C. (ed.), *Studies in the history and method of science*.
 Underwood, E. A. (ed.), *Science, medicine and history: essays in honour of Charles Singer*.
 Wiener, P., and Noland, A. (eds.), *Roots of scientific thought*.
 Goldsmith, M., and McKay, A. (eds.), *The science of science*.
 Glass, 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:

Chaucer, *The Franklin's tale*, ed. P. Hodgson (Athlone Press).

Donne, *Songs and sonets*, ed. T. Redpath, 2nd edition (Methuen).

Browning, *Men and women*, ed. F. B. Pinion (Macmillan English Classics).

Eliot, *Selected poems* (Faber).

FitzGerald, *Australian poets: R. D. FitzGerald* (Angus & Robertson).

B. Drama:

Shakespeare, *Antony and Cleopatra* (Signet Classics).

Sheridan, *School for Scandal*, in *Four English Comedies of the 17th and 18th centuries*, ed. J. M. Morrell (Penguin).

Shaw, *Major Barbara*, ed. A. C. Ward (Longmans).

Osborne, *Look back in anger* (Faber Paper-back).

C. Fiction:

Fielding, *Joseph Andrews* (Rinehart edition).

Dickens, *Bleak House* (Everyman).

James, *The Europeans* (Penguin).

Conrad, *Heart of darkness* (Signet Classics).

D. Prose:

Dekker, *The wonderful year*, in *Three Elizabethan pamphlets*, ed. G. R. Hibbard (Harrap).

Swift, *A modest proposal*, in *Swift on his age*, ed. C. J. Horne (Harrap).

Gosse, *Father and son* (Riverside edition, Houghton Mifflin).

For reference:

Stevens, M., and Kegel, C. H., *A glossary of college English* (McGraw-Hill).

AE02. English II.

Pre-requisite subject: English I at Division I standard or higher.

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, *Edward II*.

Nashe, *The unfortunate traveller*.

Shakespeare, *The winter's tale*.

Webster, *The Duchess of Malfi* (Revels or New Mermaid).

The metaphysical poets, ed. H. Gardner (Penguin).

Bacon, *Selected works*, ed. A. Johnston (Batsford).

Milton, *Paradise lost*.

Wycherley, *The country wife*, in *Restoration drama*, ed. E. Gosse (Everyman).

Dryden, *Poems* (Oxford Standard Authors).

Swift, *Gulliver's travels*.

Johnson and Goldsmith, *Selected poems*, ed. A. Rudrum and P. Dixon (Arnold).

Sterne, *Tristram Shandy* (Modern Library).

Smollett, *Humphry Clinker* (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) Elizabethan and Jacobean Drama.

The course of the drama from 1580 to 1642, with special attention to the following plays:

Greene, *Friar Bacon and Friar Bungay* (Regents Renaissance Drama, N.U.P., Arnold).

Dekker, *The shoemaker's holiday*.

Jonson, *Volpone* (New Mermaid).

Beaumont and Fletcher, *The maid's tragedy*.

Middleton and Rowley, *The changeling* (Revels or New Mermaid).

Ford, *'Tis pity she's a whore*.

Four of these plays are included in *Eight famous Elizabethan plays* (Modern Library).

(2) 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*.

(3) The Eighteenth Century Novel.

With special attention to:

- Defoe, *Roxana* (O.U.P. Paper-back).
 Richardson, *Clarissa* (Everyman).
 Fielding, *Amelia* (Everyman).
 Godwin, *Caleb Williams* (Four Square).

B (1) Chaucer.

A study of Chaucer's art and themes, with special attention to the following:

- The house of fame.*
The Knight's tale.
The Miller's prologue and tale.
The Franklin's prologue and tale.
The prologue and tale of Sir Thopas.

Prescribed:

The complete works of Geoffrey Chaucer, 2nd edition, ed. F. N. Robinson.

(2) Modern Drama.

A study of twentieth century drama, with special attention to:

- Shaw, *Major Barbara* (Penguin or Longmans).
 Synge, *The playboy of the western world* (Four Square or Gateway Library).
 O'Casey, *Juno and the Paycock* (St. Martin's Library).
 O'Neill, *Mourning becomes Electra* (Evergreen).
 Brecht, *The good person of Setzuan*, in *Plays*, vol. 2 (Methuen).
 Eliot, *The cocktail party* (Faber).
 Beckett, *Waiting for Godot* (Faber).
 Pinter, *The caretaker* (Methuen).
 Wesker, *Chips with everything*, in *New English Dramatists No. 7* (Penguin).

(3) An Introduction to American Literature.

A study of some representative books, placed in their historical and social contexts. For special attention:

- Franklin, *Autobiography and selections* (Modern Library).
 Hawthorne, *The scarlet letter* (Norton).
 Thoreau, *Walden and other writings* (Modern Library).
 Whitman, *The portable Whitman* (Viking).
 Twain, *A Connecticut Yankee in King Arthur's court* (Signet Classic).
 James, *Daisy Miller* (Penguin, 1919).
 Williams, Tennessee, *A streetcar named desire* (Penguin, PL 15).
 Hemingway, *The Hemingway reader* (Scribner).

AE03. English III.

English literature since 1780, with intensive study of a special period; Australian literature; Shakespeare; principles and practice of literary criticism.

A. Prescribed texts:

The following books are to be studied in detail:

- Wordsworth (*Selected Poetry*, Modern Library), Shelley (*Selected Poems, Essays and Letters*, Odyssey Press), Keats (*Selected Poems and Letters*, Riverside edition, Houghton Mifflin), Tennyson (*Selected Poetry*, ed. Charles Tennyson, Collins), Browning (*Poems, 1842-1864*, World's Classics), Arnold, (*Matthew Arnold, a selection of his poems*, Penguin), G. M. Hopkins (*Selected Poetry and Prose*, Penguin), T. S. Eliot (*Collected Poems*), *The New Poetry*, ed. A. Alvarez (Penguin).

- Austen, J., *Mansfield Park* (Riverside edition).
 Newman, J. H., *Apologia pro vita sua* (Fontana).
 Mill, J. S., *Autobiography* (Riverside edition).
 Arnold, M., *A Matthew Arnold prose selection*, ed. J. D. Jump (Macmillan's English Classics).
 Dickens, C., *Little Dorrit* (New Oxford Illustrated Dickens). *Great Expectations* (Penguin New English Library).
 Eliot, G., *Middlemarch* (Riverside edition).
 James, H., *The American* (Riverside edition). *Portrait of a lady* (Riverside edition).
 Conrad, J., *Under western eyes* (Penguin).
 Lawrence, D. H., *Selected tales*, ed. Ian Serraillier (Heinemann).
- B. Special Period.
 The special period in 1967 will be 1830-1890.
 Of the authors and texts prescribed the following fall wholly or partly within the special period:
 Tennyson, Browning, Arnold, Hopkins, Mill, Newman, Dickens, George Eliot, Henry James.
- C. Australian Literature.
 Herbert, X., *Capricornia* (Sirius Books).
 Hope, A. D., *Poems* (Selections in *Australian Poets series*, Angus and Robertson).
 White, P., *Riders in the chariot* (Penguin).
 Ewers, J. K., (ed.), *Modern Australian short stories* (Georgian House).
- D. Shakespeare.
Hamlet, Othello, Macbeth, King Lear (Signet Classics).
- E. Principles and Practice of Literary Criticism.
 Enright, D. J., and de Chickera, E. (eds.), *English critical texts* (O.U.P.).
 Eliot, T. S., *Selected prose* (Peregrine).

AE72. Australian Literature.

Pre-requisite subject: English I at Division I standard or higher.

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 weekly and one tutorial fortnightly, the latter of two hours' duration.

I. Authors and works.

(a) Poetry:

Henry Kendall,
 Christopher Brennan,
 Bernard O'Dowd,
 John Shaw Neilson,
 James McAuley,
 Judith Wright.

Particular editions are not specified but the *Australian Poets series* (Angus and Robertson) will be found useful.

(b) Fiction:

Clarke, Marcus, *His natural life*.
 Furphy, Joseph, *Such is life*.
 Richardson, H. H., *Maurice Guest*.
 Manning, F., *Her privates we*.
 White, Patrick, *The aunt's story*.
 Johnston, George, *My brother Jack*.

(c) Drama:

Three Australian Plays (Penguin AU3).
 White, Patrick, *Four Plays* (Eyre and Spottiswoode).

II. Cultural analysis, embracing writings of a historical, descriptive and discursive nature, and recommended special studies.

(a) Orientations.

Turner, G. W., *The English language in Australia and New Zealand* (Longmans).

Horne, D., *The lucky country*.

Wakefield, E. G., *A letter from Sydney*.

Newland, S., *Paving the way*.

The letters of Rachel Henning, ed. D. Adams.

McInnes, G., *The road to Gundagai*.

(b) Special topic (1967 and 1968). Landscape themes in Australian poetry.
Texts to be announced.

(c) Special subject (1967): Literature relating to the Aborigines.

Parker, K., *Australian legendary tales*.

Prichard, K. S., *Coonardoo*.

Herbert, X., *Capricornia*.

Stow, R., *To the islands*.

Robinson, Roland, *Deep well*.

For general reference:

Green, H. M., *A history of Australian literature* (Angus and Robertson).

Hadgraft, C., *Australian literature* (Heinemann).

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).

Dickins and Ross (eds.), *The dream of the rood* (Methuen).

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).

AE89. English Language and Literature for the Honours Degree of B.A. (Scheme A).

AE99. English Language and Literature for the Honours Degree of B.A. (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) 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.

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 hour a week and, in addition, up to two hours a week of supervised private practice) 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:
- Harris and Lévêque, *Intermediate conversational French* (Holt, Rinehart and Winston).
- Mansion, *A grammar of present-day French, with exercises* (Harrap).

He should consult in the library:

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* (Livres 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., *Une Lecture de Balzac* (Plon).

Caraccio, A., *Stendhal* (Connaissance des lettres; Hatier)

Bardèche, M., *Stendhal romancier* (La Table ronde).

(b) Civilisation—

The student should possess:

Michaud, G., *Guide France* (Hachette).

Robinson, J., and Martin A., *France today* (Novak).

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 book:

Roe, F. C., and Lough, J., *French prose composition* (Longmans).

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).

Diderot, *Jacques le fataliste*, ed. Loy (Dell, "Laurel Language Library").

Prévost, *Histoire du chevalier des Grieux et de Manon Lescaut*, ed. King (Harrap).

(c) Orals.

Reference book:

Fouché, P., *Traité de prononciation française* (Klincksieck).

(d) Literature: From 1600 to 1800.

Questions for special study:

Term I: *Le théâtre de Racine*.

Term II: *Les fables de La Fontaine*.

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:

Bédier, C. M. J., et Hazard, P., *Histoire illustrée de la littérature française*, 2 vols., nouvelle édition augmentée par P. Martino (Larousse).

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).

Funcck-Brentano, F., *L'Ancien régime* (Paris, Flammarion).

Bornecque, P. H. et J. H., *La France et sa littérature* (Lyon, Editions I.A.C.).

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) Racine, *Mithridate*, ed. Rudler (Blackwell).
- (ii) La Fontaine, *Fables*, ed. Michel et Martin, 2 vols. in one (Bordas).
- (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 Frize, 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 book:

Roe, F. C., and Lough, J., *French prose composition* (Longmans).

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).
- Musset, *Lorenzaccio* and *Un Caprice*, ed. Shaw (London U.P.).
- 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, *Les Mains sales* (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., *Précis historique de Phonétique française* (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).
Le Mystère d'Adam, ed. Aebischer (Geneva, Droz).
La Chastelaine de Vergi, ed. Whitehead (Manchester U.P.).
 Adam de la Halle, *Le Jeu de Robin et de Marion*, ed. Varty (Harrap).
Maître Pierre Pathelin, ed. Holbrook (Paris, Champion).
 Garnier, Robert, *Les Juifves*, 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).
 Frank, G., *The medieval French drama* (Oxford, Clarendon Press).
 Lebègue, R., *La Tragédie française de la Renaissance* (Paris, S.E.D.E.S.).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

AF99. French Language and Literature for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work. They will be required (i) to attend special weekly tutorials in their second and third years and perform the exercises there prescribed; (ii) to devote their fourth year entirely to advanced courses and exercises in literature and philology; (iii) to write each term an essay in French on a subject studied in tutorials. The marks obtained for the essays in both the third and the fourth years will be incorporated with the final examination results to determine the student's classification.

Under (ii), the following texts are prescribed:

- Villon, *Œuvres*, ed. Longnon-Foulet (Champion).
 Rabelais, *Œuvres complètes*, ed. P. Jourda, tome I (Garnier).
 Montaigne, *Selected essays*, ed. Tilley-Boase (Manchester U.P.)

Honours students should make themselves familiar with the following works:

- Langlois, P., and Mareuil, A., *Guide bibliographique des études littéraires* (Hachette).
 Bouvier, E., and Jourda, P., *Guide de l'étudiant en littérature française* (Presses universitaires).
 Dupouy, A., *Géographie des lettres françaises* (Colin).
 Genest, E., *Dictionnaire des citations françaises* (Nathan); or
 Guerlac, O., *Les Citations françaises* (Colin).
 Marouzeau, J., *Lexique de la terminologie linguistique* (Geuthner).
 Marouzeau, J., *Précis de stylistique française* (Masson).
 Cressot, M., *Le Style et ses techniques* (Presses universitaires).
 Mornet, D., *Histoire de la clarté française* (Payot).
 Le Bidois, G., et Le Bidois, R., *Syntaxe du français moderne*, 2 vols. (Picard).

The final examination will comprise the following papers:

- (a) Translation into French.
 (b) Translation of seen and unseen passages from French into English.
 (c) French philology.
 (d) Translation of seen and unseen passages of Old and Middle French into English.
 (e) Literature I.
 (f) Literature II.
 (g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.

There will be an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

For students who combine French with another subject for the Honours degree of B.A. the final examination will comprise either papers (a), (b), (c), (d) and (e) or papers (a) and (b) and any two of papers (e), (f) and (g); and in either case an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

In their second year they will be required to pass in Old and Middle French I.

In their third year they will be required either to pass in Old and Middle French II or to write three essays on questions concerning French literature from 1550 to the present day. These essays will be related as far as possible to the current work in the subject with which French is combined.

In their final year they shall write three more advanced essays on the literature of the past four centuries; but those who have passed in Old and Middle French II may elect instead to do the fourth year course in Old and Middle French literature and French philology and write one essay on a question taken from French literature from its beginnings up to 1600.

In all three years they shall attend the weekly Honours tutorials and perform the exercises there prescribed.

French Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in French Language and Literature are advised to consult the Professor at the earliest opportunity. Regular seminars are conducted throughout the academic year for post-graduate students.

Those who seek to qualify for candidature under regulation 2 (b) are required, at the outset of their preparatory course, to satisfy the examiner in a translation and oral test (excluding *explication de textes*), equivalent in standard to papers (a) and (b) and the oral test of the final examination for the Honours degree of B.A. On their completion of the preparatory course they shall take papers (c), (d), and any two of (e), (f), and (g) of the final examination for the Honours degree of B.A. and be tested for *explication de textes*.

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.

Certain candidates for the degree of B.Sc. may enrol for Geography IIC — Climatology. Geography IIC is not available as a subject for the degree of B.A.

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).

Alexander, J. W., *Economic geography* (Prentice-Hall).

Wadham, S. M., and others, *Land utilisation in Australia*, 4th edition, (M.U.P.).

Reference books:

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).

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 13th February, 1967.

Reference books:

A. Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).

Derruau, M., *Précis de géomorphologie* (Masson, 1958).

Dury, G. H., *The face of the earth* (Pelican).

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. Wills, N. R., *Economic development of the Australian iron and steel industry* (B.H.P. Co. Ltd., Melbourne, 1948).

Hunter, A., (ed.), *The economics of Australian industry* (M.U.P. 1963).

Lebon, J. H. G., *An introduction to human geography* (Hutchinson, Univ. Library).

- 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).
- Perpillou, A. V., *Human geography* (Longmans).
- Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson).
- Pounds, N. J. G., *Geography of iron and steel* (Hutchinson).
- Meinig, D. W., *On the margins of the good earth* (Rand McNally).
- 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) South Australia; (c) Australian Development; (d) study of the economic problems in the development of countries in South and Eastern Asia. (2) One optional subject to be selected from Biogeography, Climatology, Geomorphology, Historical Geography, Geography of Early Man, Social Geography or Agricultural Geography. (3) A Field Camp. The Field Camps will be held in 1967 during the May and August vacations.

I. (a) NORTH-WEST EUROPE.

Text-book:

Hoffman, G. W., (ed.), *A geography of Europe* (Methuen).

Reference books:

- Somme, A., (ed.), *The geography of Norden* (Heinemann).
- Dury, G., *The British Isles* (Heinemann).
- Monkhouse, F. J., *A regional geography of Western Europe* (Layman's).
- Elkins, T. H., *Germany* (Christophers).
- Darling, F., *West highland survey* (Oxford).
- Flint, R. F., *Glacial geology and the Pleistocene Period* (Wiley).
- Childe, V. G., *Dawn of European civilisation* (Penguin).

(c) AUSTRALIAN DEVELOPMENT.

Text-book:

Wadham, 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).
- Meinig, D. W., *On the margins of the good earth* (Murray).
- 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*.
- Andrews, J., (ed.), *Frontiers and men* (Cheshire).

(d) SOUTH AND EASTERN ASIA.

Reference books:

- Buck, J. L., *Land utilization in China*, Vol. I and II.
 Chatterjee, C. A., *The new India* (India Planning Commission).
 Cressy, G. B., *Land of the 500 million* (McGraw-Hill, 1955).
 Dube, S. C., *India's changing villages* (Routledge and Kegan Paul, Cornell Univ. Press).
 F. A. O., *The state of food and agriculture*, 1961.
 Greene, F., *The wall has two sides* (Cape, 1962).
 Hewes, L. I., *Japan—land and men* (Iowa State College Press, 1955).
 Smith, T. C., *The agrarian origins of modern Japan* (Stanford University Press, 1959).
 Spate, O. H. K., *India and Pakistan* (Methuen).
 Turner, R. (ed.), *India's urban future*.

2. OPTIONAL SUBJECTS.

Biogeography.

- Darlington, P. J., *Zoogeography* (Wiley).
 Ekman, S., *Zoogeography of the sea* (Sidgwick and Jackson).
 Elton, C. S., *The ecology of invasions by animals and plants* (Methuen).
 Good, R., *The geography of the flowering plants* (Longmans, 1953).
 Hesse, R., Allee W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).
 Newbigin, M., *Plant and animal geography* (Methuen).
 Odum, G. P., *Fundamentals of ecology*, 2nd edition (Saunders).
 Richards, P. W., *The tropical rain forest* (Cambridge).
 Schimper, O., *Plant geography upon a physiological basis* (Oxford, 1903).
 Thomas, W. L. (ed.), *Man's role in changing the face of the earth* (Chicago U.P.).
 UNESCO, *Arid zone research symposium*, 1955 (Paris).
 Warming, E., *Oecology of plants* (Oxford, 1909).

Climatology.

- Haurwitz, B., and Austin, J. M., *Climatology* (McGraw-Hill).
 Petterssen, S., *Introduction to meteorology* (McGraw-Hill).

Geomorphology.

- Cotton, C. A., *Climatic accidents* (Whitcombe).
 Tricart, J., and Cailleux, A., *Cours de géomorphologie*, various vols.
 Derrouau, M., *Précis de géomorphologie* (Masson).
 Thornbury, W. D., *Principles of geomorphology* (Wiley).
 King, L. C., *Morphology of the earth* (Oliver and Boyd).
 King, C. A. M., *Techniques in geomorphology* (Arnold).
 Tricart, J., *Principes et méthodes de la géomorphologie* (Masson).

Geography of Early Man.

- Anderson, Edgar, *Plants, man and life* (Little, Brown and Co.).
 Beals, R. L., and Hoiyer, H., *Introduction to anthropology* (Macmillan).
 Sauer, C. O., *Agricultural origins and dispersals* (American Geographical Society).
 Thomas, W. L., et al., *Man's role in changing the face of the earth* (Chicago U.P.).
 Zeuner, F. E., *The pleistocene period* (Hutchinson, 1959).

Social Geography.

- Dickinson, R. E., *The population problem of southern Italy: an essay in social geography* (Syracuse U.P., 1955).
 Dickinson, R. E., *City and region* (Routledge, Kegan Paul).
 Mayer, H. M. and Kohn, C. F., *Readings in urban geography*, 1959.
 Saville, J., *Rural depopulation in England and Wales* (Routledge, Kegan Paul, 1957).

Historical Geography.

- Crawford, R. M., *Australia, 2nd edition* (Hutchinson University Library).
 Darby, H. C., (ed.), *The historical geography of England before A.D. 1800* (C.U.P.).
 Harris, A. M., *The rural landscape of the East Riding of Yorkshire* (Hull University Press).
 Mitchell, J. B., *Historical geography* (English Universities Press, 1954).
 Roberts, S. H., *The history of Australian land settlement* (M.U.P.).

Agricultural Geography.

- Chisholm, M., *Rural settlement and land use* (Hutchinson).
 Clark, C., and Haswell, M. R., *The economics of substance agriculture* (Macmillan).
 Martin, A., *Economics and agriculture* (Routledge, Kegan Paul).

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 will be required to spend approximately half a 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, chemicals) and consumer good industries (textiles, motor vehicles). Trade problems, with emphasis on commodity stabilisation; the growing pressure of population on world resources.

Text-books:

- Alexander, J. W., *Economic geography* (Prentice-Hall, 1963).
 Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson, 1961).

Reference books:

- Finch, V. C., and others, *Elements of geography*, 4th edition (McGraw-Hill, 1957).
 Unstead, J. F., *A world survey from the human aspect* (University of London Press, 1961).
 Zimmermann, E. W., *World resources and industries* (Harper, 1951).
 Pounds, N. J. G., *The geography of iron and steel* (Hutchinson, 1959).
 Meier, R. L., *Science and economic development* (Wiley, 1956).
 Lewis, C. G., and Campbell, J. D. (eds.), *The Oxford atlas* (O.U.P., 1952).

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 (see under Faculty of Science).

GERMAN LANGUAGE AND LITERATURE

German I, German IA, German II, German IIA and German III are subjects for the ordinary degree of Bachelor of Arts.

Except with special permission, to be obtained in writing from the Academic Registrar, no student proceeding to a degree may take the course in German I unless he has studied German to Matriculation level. Candidates are advised, moreover, that the recommended minimum standard is the "D" classification at the Matriculation Examination.

German IIB and German IIIB are for honours candidates only. See Syllabus AG99 German for the Honours Degree of B.A.

Students are required to attend tutorial classes.

AG01. German I.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

Langenscheidts *Handwörterbuch*, ed. H. Messinger, 2 vols. (Langenscheidt).

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).

- (c) Introduction to modern German literature.

Prescribed texts:

Hauptmann, *Bahnwärter Thiel* (Blackwell).

Mann, *Tonio Kröger* (Blackwell).

Kafka, *Die Verwandlung* (Methuen).

Brecht, *Leben des Galilei* (Heinemann).

Andersch, *Sansibar oder Der letzte Grund* (Harrap).

Dürrenmatt, *Besuch der alten Dame* (Methuen).

Recommended texts:

Brentano, *Geschichte vom braven Kasperl* (Blackwell).

Droste-Hülshoff, *Die Judenbuche* (Harrap).

Keller, *Romeo und Julia auf dem Dorfe* (Harrap).

Mann, *Mario und der Zauberer* (Fischer-Schulausgabe).

Frisch, *Biedermann und die Brandstifter* (Surhkamp).

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:

Tieck, *Des Lebens Überfluss* (Reclam).

Hoffmann, *Der goldene Topf* (Blackwell).

Arnim, *Der tolle Invalide auf dem Fort Ratonneau* (Reclam).

Grillparzer, *König Ottokars Glück und Ende* (Blackwell).

Heine, *Reisebilder* (Goldman 410).

Stifter, *Abdias* (Manchester University Press).

Büchner, *Dantons Tod* (Manchester University Press).

Hebbel, *Maria Magdalene* (Blackwell).

Storm, *Der Schimmelreiter* (Methuen).

Keller, *Die drei gerechten Kammacher* (Harrap).

Fontane, *Irrungen Wirungen* (Ullstein 89).

Meyer, *Der Heilige* (Blackwell).

Hauptmann, *Vor Sonnenaufgang* (O.U.P.).

Recommended texts:

Hederer, E., (ed.), *Das deutsche Gedicht* (Fischer Bücherei 155).

Geary, J., and Schumann, W., (eds.), *Einführung in die deutsche Literatur* (Holt, Rinehart & Winston).

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:

Richter, J. P. F., *Des Feldpredigers Schmelzle Reise nach Flätz* (O.U.P.).

Mörke, *Mozart auf der Reise nach Prag* (Harrap).

Broch, *Short Stories* (O.U.P.).

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, *Goetz 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* (Harrap or Reclam).

Don Carlos (O.U.P. or Harrap).

Maria Stuart (Macmillan).

Hölderlin, *Gedichte, Hyperion* (Goldmann, No. 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 text:

Hofe, H. von, *Faust: Leben, Legende und Literatur* (Holt, Rinehart and Winston).

(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:
 Hofe, H. von, *Im Wandel der Jahre*, 3rd edition (Holt, Rinehart and Winston).
 Ryder, F., and McCormick, E., *Lebendige Literatur*, Pt. 1 (Houghton Mifflin).
- (c) Introduction to modern German literature.
 Prescribed texts:
 Mann, T., *Tonio Kröger* (Blackwell).
 Kafka, *Die Verwandlung* (Methuen).
 Brecht, *Der gute Mensch von Sezuan* (Methuen).
 Dürrenmatt, *Der Besuch der alten Dame* (Methuen).
- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German IA in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. *Candidates are advised that they must devote a total of at least two hours weekly to independent work in the language laboratory.* Attention is also drawn to the *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). Add:
 Phelps, R. H., and Stein, J. M., *The German heritage* (Holt, Rinehart and Winston).
- (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:
 Tieck, *Des Lebens Überfluss* (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, *Die drei gerechten Kammacher* (Harrap).
 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) Introduction to Middle High German.

Prescribed texts:

Der Stricker, *Fünfzehn kleine Verserzählungen*, ed. H. Fischer (Niemeyer).

Wildon, Herrard von, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).

Hartmann von Aue, *Der arme Heinrich* (Harrap).

Wernher Der Gartenaere, *Die Märe vom Helmbrecht*, 6. Auflage, ed. Fr. Panzer (Niemeyer).

Either

Wright, J., *Middle High German primer* (Clarendon Press); or

de Boor, H. V., and Wisniewski, R., *Mittelhochdeutsche Grammatik* (Sammlung Göschen).

Recommended texts:

Coulton, G. G., *The medieval scene* (Cambridge Paperback).

Davis, H. W. C., *Medieval Europe*, 2nd edition (O.U.P.).

Heer, F., *The Medieval world* (Mentor).

Reinhardt, K. F., *Germany: 2000 years*, vol. 1 (Constable).

(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, No. 507).

Keller, *Der grüne Heinrich* (Fischer, Exempla Classica 39).

Stifter, *Der Nachsommer* (Goldmann).

Raabe, *Stopfkuchen* (rororo).

Fontane, *Effi Briest* (Manesse).

Mann, T., *Der Zauberberg* (any edition).

AG88. German IIIB.

ADVANCED GERMAN LANGUAGE AND LITERATURE II.

(a) Introduction to Middle High German.

Prescribed texts:

Der Stricker, *Fünfzehn kleine Verserzählungen*, ed. H. Fischer (Niemeyer).

Wildon, Herrard von, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).

Hartmann von Aue, *Der arme Heinrich* (Harrap).

Wernher Der Gartenaere, *Die Märe vom Helmbrecht*, 6. Auflage, ed. Fr. Panzer (Niemeyer).

Either

Wright, J., *Middle High German primer* (Clarendon Press); or

de Boor, H. V., and Wisniewski, R., *Mittelhochdeutsche Grammatik* (Sammlung Göschen).

Recommended texts:

Coulton, G. C., *The medieval scene* (Cambridge Paperback).

Davis, H. W. C., *Medieval Europe*, 2nd edition (O.U.P.).

Heer, F., *The medieval world* (Mentor).

Reinhardt, K. F., *Germany: 2000 years*, vol. I (Constable).

(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, No. 429).

Recommended text:

Goethe, *Poems of Goethe*, ed. R. D. Gray (C.U.P.).

(c) Studies in the Drama.

Prescribed texts:

Das Donaueschinger Passionsspiel. Copies will be issued by the Department.

Manuel, *Der Ablasskrämer* (Francke).

Sachs, *Das heisse Eisen* (Reclam).

Der fahrende Schüler im Paradies (Reclam).

N.B.—Both plays are in the same volume: Reclam 7627.

Bidermann, *Cenodoxus*. Copies will be issued by the Department.

Gryphius, *Carolus Stuardus* (Leicester Publications Board, University of Leicester).

Kleist, *Prinz Friedrich von Homburg* (dtv-Gesamtausgabe, vol. 3).

Schiller, *Wallensteins Tod* (Blackwell).

N.B.—This edition also includes *Wallensteins Lager* and *Die Piccolomini*.

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 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).

Walther von der Vogelweide, *Gedichte* (Altdeutsche Textbibliothek 1, Niemeyer).

(b) Advanced translation, prose composition and essay writing.

(c) Studies in the Drama.

See AG08 (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 AND THE WIDER WORLD, 1480s - 1780s.

A survey course of the development of European history of the sixteenth to the eighteenth centuries, in which some attention will be paid to the world outside Europe in so far as it was influenced by European expansion and reacted in turn on European development.

No pre-requisite subject.

A first-year course; not available to exempted students.

Students should have ONE of the following:

- Ergang, R. R., *Europe from the renaissance to Waterloo*.
 Knapton, E. J., *Europe 1450 - 1815*, 2 vols. (Murray).
 Rowen, H. H., *A history of early modern Europe, 1500-1815*.
 Wolf, J. B., *The emergence of European civilisation; from the middle ages to the opening of the nineteenth century*.
 Parry, J. H., *The age of reconaissance 1450 - 1650* (Weidenfeld and Nicolson).

Other useful books:

- Sykes, N., *Crisis of the reformation*.
 Green, V. H. H., *Renaissance and reformation*.
 Neale, J. E., *The age of Catherine de Medici*.
 Clough, S. B., and Cole, C. W., *An economic history of Europe*.
 Elton, G. R., *England under the Tudors*.

- Tanner, J. R., *English constitutional conflicts of the 17th century*.
 Marshall, D., *Eighteenth century England* (Medlicott, W. N., ed.),
History of England, vol. 7 (Longmans).
 Charques, R. D., *A short history of Russia* (Phoenix House).
 Gershoy, L., *From despotism to revolution*.
 Elliott, J. H., *Imperial Spain* (Arnold).
 Ogg, D., *Europe in the seventeenth century* (A. C. Black).
 Anderson, M., *Europe in the eighteenth century, 1713-83* (Longmans).
 Ashley, M. P., *Louis XIV and the greatness of France*.
 Wedgwood, C. V., *The thirty years' war*.
 Morris, R. B., *The American revolution*.
 Cobban, A., *A history of modern France*, vol. 1 (Pelican).

This is only a provisional list and will be supplemented in a fuller reading list that may be obtained from the office of the Department of History in February.

AH02. History IIA.

EUROPE FROM THE FRENCH REVOLUTION TO THE PRESENT DAY.

Pre-requisite, at Division I standard or higher: 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*.
 Ergang, R., *Europe since Waterloo*.
 Rudé, G., *Revolutionary Europe, 1783-1815*.

General histories:

- Hobsbawm, E. J., *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 1967. 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*.
 de Bary, W. T. (ed.), *Sources of Indian tradition, sources of Chinese tradition, sources of Japanese tradition*.
 Emerson, R., *From empire to nation*.
 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*.
 Johnson, C. A., *Peasant nationalism and communist power*.

- Legge, J. D., *Indonesia*.
 Nehru, J., *Discovery of India*.
 Panikkar, K. M., *Asia and western dominance*.
 Panikkar, K. M., *The foundations of new India*.
 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*.
 Ping-Chia Kuo, *China: new age and new outlook* (Penguin).
 Purcell, V., *The Boxer uprising*.
 Qureshi, I. H., *The Muslim community of the Indo-Pakistan sub-continent*.
 Reischauer, E. O., and Fairbank, J. K., *East Asia, the great tradition*.
 Reischauer, E. O., Fairbank, J. K., and Craig, A. M., *East Asia, the modern transformation*.
 Segal, R., *The crisis of India* (Penguin).
 Sen, S. N., *Eighteen fifty-seven*.
 Spear, T. G. P., *India, Pakistan and the West*.
 Spear, T. G. P., *India, a modern history*.
 Stephens, I., *Pakistan* (Pelican).
 Stokes, E., *The English utilitarians and India*.
 Ssu-yu Teng, 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.

Recommended reading:

- Allen, G. C., and Donnithorne, A. G., *Western enterprise in Far Eastern economic development: China and Japan*.
 Ashworth, W., *A short history of the international economy since 1850*.
 Cairncross, A. K., *Factors in economic development*.
 Condliffe, J. B., *The commerce of nations* (relevant sections).
 Feis, H., *Europe the world's banker, 1870-1914*.
 Gerschenkron, A., *Economic backwardness in historical perspective*.
 Supple, B. E., (ed.), *The experience of economic growth—case studies in economic history*.
 Cairncross, A. K., *Home and foreign investment, 1870-1913*.
 Clapham, J. H., *An economic history of modern Britain*.
 Deane, P. P., and Cole, W. A., *British economic growth, 1688-1959*.
 Imlah, A. H., *Economic elements in the pax britannica*.
 Jenks, L. H., *The migration of British capital to 1875*.
 Saul, S. B., *Studies in British overseas trade, 1870-1914*.
 Rostow, W. W., *British economy of the 19th century*.
 Thomas, B., *Migration and economic growth*.
 Youngson, A. J., *The British economy, 1920-1957*.
 Bruck, W. F., *Social and economic history of Germany from William II to Hitler, 1888-1938*.
 Clapham, J. H., *The economic development of France and Germany, 1815-1914*.
 Henderson, W. O., *Studies in German colonial history*.

- Klein, B. H., *Germany's economic preparation for war.*
 Milward, A. S., *The German economy at war.*
 Hamerow, T. S., *Restoration, revolution, reaction—economics and politics in Germany, 1815-1871.*
 Stolper, G., *German economy, 1870-1940, issues and trends.*
 Cameron, R. E., *France and the economic development of Europe, 1800-1914.*
 Clough, S. B., *France—a history of national economics, 1789-1939.*
 Haight, F. A., *A history of French commercial policies.*
 Kindleberger, C. P., *Economic growth in France and Britain, 1851-1950.*
 Baykov, A. M., *The development of the Soviet economic system.*
 Holzman, F. D., (ed.), *Readings on the Soviet economy.*
 Jasny, N., *Soviet industrialization, 1928-1952.*
 Lyashchenko, P. I., *History of the national economy of Russia.*
 Mavor, J., *An economic history of Russia, 2nd edition.*
 Nove, A., *The Soviet economy.*
 Nove, A., *Was Stalin really necessary?*
 Simmons, J. E., (ed.), *Continuity and change in Russian and Soviet thought.*
 Heimann, E., *History of economic doctrines.*
 Lewis, W. A., *The theory of economic growth.*

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:

- Gregg, Pauline, *A social and economic history of Britain, 1760-1950.*
 Trevelyan, G. M., *English social history.*

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.*
 Briggs, A., *The age of improvement.*
 Cole, G. D. H., *Introduction to economic history.*
 Cole, G. D. H., and Postgate, R., *The common people, 1746-1946.*
 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, F., *The road to social security.*
 Mowat, C. L., *Britain between the wars, 1918-1940.*
 Sampson, A., *Anatomy of Britain.*
 Thomson, D., *England in the nineteenth century: 1815-1914* (Pelican).
 Thomson, D., *England in the twentieth century* (Pelican).
 Young, M., *The rise of the meritocracy, 1870-2033.*
 Inglis, K. S., *Churches and the working classes in Victorian England.*
 Graves, R., and Hodge, A., *The long week-end.*
 Rudé, George, *The crowd in history, 1730-1848*

A fuller reading list may be obtained from the office of the Department of History in February.

AH12. History IIB.

BRITISH ECONOMIC HISTORY.

Pre-requisite, at Division I standard or higher: History I (A or B) or Politics I or Economics I or Social Economics; available to exempted students only in special circumstances.

A study of the economic history of Britain and her interests and dependencies oversea in the seventeenth and eighteenth centuries, with attention in seminars to economic policy and thought of the period.

Preliminary 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.

Wilson, C., *England's apprenticeship*, 1603-1763.

Other useful books:

Ashton, T. S., *An economic history of England—the eighteenth century. The industrial revolution, 1760-1830. Economic fluctuations in England.*

Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents.*

Chambers, J. D., *The vale of Trent; a regional study of economic change.*

Clark, G. N., *The seventeenth century. The wealth of England.*

Court, W. H. B., *The rise of the midlands industries, 1600-1838.*

Deane, P., and Cole, W. A., *British economic growth, 1688-1959.*

Furber, H., *John Company at work—a study of European expansion in India in the late eighteenth century.*

Halévy, E., *A history of the English people*, 1815.

Heckscher, E., *Mercantilism*, revised edition.

Hinton, R. W. K., *The Eastland trade and the common weal in the seventeenth century.*

Johnson, E. A. J., *Predecessors of Adam Smith.*

Knorr, K. E., *British colonial theories, 1570-1850.*

Lipson, E., *The economic history of England*, Vols. II and III, *The age of mercantilism.*

McCulloch, J. R. (ed.), *Early English tracts on commerce.*

McLachlan, J. O., *Trade and peace with Old Spain, 1667-1750.*

Mantoux, P., *The industrial revolution in the eighteenth century.*

Nef, J. U., *Industry and government in England and France, 1540-1640.*

Pares, R., *Merchants and planters.*

Richards, R. D., *The early history of banking in England.*

Roll, Eric, *A history of economic thought.*

Schuyler, R. L., *The fall of the old colonial system—a study in British free trade, 1770-1870.*

Smith, Adam, *The wealth of nations.*

Supple, B. E., *Commercial crisis and change in England, 1600-1642.*

Sutherland, L. S., *The East India Company in eighteenth century politics.*

Tawney, R. H., *Religion and the rise of capitalism.*

Unwin, G., *Industrial organisation in the sixteenth and seventeenth centuries.*

Viner, J., *Studies in the theory of international trade*, chapters 1-4.

Whittaker, E., *Schools and streams of economic thought.*

Wilson, Charles, *Anglo-Dutch commerce and finance in the eighteenth century.*

Profit and power—a study of England and the Dutch wars.

AH13. History IIB.

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 Source 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).
 Chicago University College, *The people shall judge* (Chicago).
 Commager, H. S., (ed.), *Documents of American history 1492-1949* (Appleton-Century-Crafts).

Surveys and Problem Studies:

- Nye, R. B., and Morpurgo, J. E., *A history of the United States* (Pelican).
 Morison, S. E., and Commager, H. S., *The growth of the American Republic* (Oxford).
 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).
 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).

Other useful paper-backs include:

- Boorstin, Daniel, *The Americans* (Pelican).
Chicago history of American civilization, ed. D. Boorstin (Chicago U.P.).
 Turner, F. J., *Frontier and section* (Prentice Hall).
 Turner, F. J., *The United States 1830-1850* (Norton).
 Goldman, E. F., *Rendezvous with destiny* (Vintage).
 Hofstadter, R., *The age of reform: from Bryan to F.D.R.* (Vintage).
 Woodward, C. Van, *The burden of Southern history* (Vintage).
 Commager, H. S., *The era of reform 1830-1860* (Anvil).
 Galbraith, J. K., *The great crash, 1929* (Pelican).
 Galbraith, J. K., *The affluent society* (Pelican).
 White, T. H., *The making of the President, 1960* (Cape).
 Lubell, S., *The future of American politics* (Anchor).
 Thistlewaite, F., *The great experiment* (C.U.P.).

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 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:

- 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:

- Alston, W. P., *Philosophy of language* (Prentice-Hall).
 Frankena, W., *Ethics* (Prentice-Hall).
 Taylor, R., *Metaphysics* (Prentice-Hall).
 Copi, I., *Symbolic logic*, 2nd edition (Macmillan).

AL02. Philosophy II.

Pre-requisite subject: Philosophy I at Division I standard or higher.

The course of lectures is given every year and is completed in one year. It is concerned with philosophy of mind, the theory of perception and causality, moral and political philosophy, and logic, leading on from the first year course. During part of second term about six 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).
 Hook, S., *Political philosophy* (Prentice-Hall).
 Hempel, Carl, *Philosophy of natural science* (Prentice-Hall).
 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 metaphysics. Subjects of examination will be the topics discussed in the following books:

- Quine, W. V., *From a logical point of view*, 2nd edition, revised (Harper Torch books).
 Passmore, John, *Philosophical reasoning* (Duckworth).
 Flew, A., (ed.), *Body, mind and death* (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:

- Brandt, R. B., *Ethical theory* (Prentice-Hall).
 Stevenson, C. L., *Ethics and language* (Yale).
 Sidgwick, H., *Methods of ethics* (Macmillan).
 Martin, C. B., *Religious belief* (Cornell).

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:

- Frege, G., *The foundations of arithmetic*, translated by J. L. Austin (Blackwell).
 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).
 Hare, R. M., *Language of morals* (O.U.P.).
 Hare, R. M., *Freedom and reason* (O.U.P.).
 Nowell-Smith, P. H., *Ethics* (Pelican).
 Feigl, H., and Maxwell G., (eds.), *Scientific explanation, space and time. Studies in the philosophy of science*, Vol. III (Minnesota U.P.).

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

Five courses are offered in this Department: Politics I, IIA, IIB, 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.

Preliminary reading:

- Hancock, W. K., *Australia* (Jacaranda).
 Mackenzie, J., *Australian paradox* (Cheshire).
 Horne, D., *The lucky country* (Penguin).
 Rorke, J., (ed.), *Aspects of Australian government* (Platypus Pamphlet).
 Whittington, Don, *The rulers* (Lansdowne Press).

Students should procure:

- Strachey, J., *The challenge of democracy* (Encounter Pamphlet).
 Crisp, L. F., *Australian national government* (Longmans).
 Mayer, H., (ed.), *Reader in Australian politics* (Cheshire).
 Blondel, J., *Voters, parties and leaders* (Pelican).
 Macpherson, C. B., *The real world of democracy* (O.U.P.).
 Mill, J. S., *On liberty* (Everyman or Fontana).
 Marx, K., and Engels, F., *The communist manifesto* (Foreign Languages Publishing House, Moscow).

Detailed reading references are issued during the year. The following are important reference books:

- Cranston, M., *Human rights today* (Ampersand).
 Miller, J. D. B., *The nature of politics* (Penguin).
 Lindsay, A. D., *The essentials of democracy* (O.U.P.).
 Cohen, C., *Communism, fascism, and democracy* (Random House).
 Bagehot, W., *The English constitution* (Fontana).
 Wheare, K. C., *Modern constitutions* H.U.L.).
 Wheare, K. C., *Legislatures* O.U.P.).
 Karmel, P., and Brunt, M., *The Australian economy* (Cheshire).
 Sawyer, G., *Australian government today* (M.U.P.).
 Encel, S., *Cabinet government in Australia* (M.U.P.).
 Davis, S. R., (ed.), *The government of the Australian states* (Longmans).
 Rawson, D. W., *Australia votes* (M.U.P.).
 Hetherington, R., and Reid, R. L., *The South Australian elections 1959* (Rigby).
 *Lipset, S. M., *Political man* (Mercury).
 *Alford, R. R., *Party and society* (John Murray).
 Jupp, J., *Australian party politics* (M.U.P.).
 A.I.P.S., *Forces in Australian politics* (Angus and Robertson).
 Bone, H. A., and Ranney, A., *Politics and voters* (McGraw-Hill).
 Lane, R. E., and Sears, D. O., *Public opinion* (Prentice-Hall).
 Finer, S. E., *Anonymous empire* (Pall Mall Press).
 Coleman, Peter, *Australian civilization* (Cheshire).
 Laski, H. J., *A grammar of politics* (Allen and Unwin).
 Pickles, D. M., *Introduction to politics* (Sylvan Press).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Miller, J. D. B., *Australian government and politics* (Duckworth).
 Davies, A. F., *Australian democracy* (Longmans).

* Useful in subsequent years.

AP02. Politics IIA.

COMPARATIVE POLITICS.

Pre-requisite subject: Politics I at Division I standard or higher.

A second year subject—available to external students.

A candidate shall not present both Politics IIA and IIB.

A study in comparative politics with the main emphasis on U.S.S.R., U.S.A., Great Britain and France.

The first term which will be taken by students in both Politics IIA and Politics IIB will be devoted to the methodology of comparative politics and the study of some of the social theories propounded by Madison, Hamilton, Jefferson, De Tocqueville, 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:

- Wolfe, B. D., *Three who made a revolution* (Beacon paperback).
 White, T. H., *The making of the president 1960* (Cape paperback).
 Blau, P. M., *Bureaucracy in modern society* (Spectrum).
 Shils, E. A., *The torment of secrecy* (Heinemann).

Useful books for first term:

- Runciman, W. G., *Social science and political theory* (Cambridge U.P.).
 Macridis R. C., and Brown, B. E., *Comparative politics, notes and readings* (revised edition, 1964) (Dorsey).
 Brzezinski, Z., and Huntington, S. P., *Political power; U.S.A., U.S.S.R.* (Chatto and Windus).
 Hunt, R. N. C., *The theory and practice of Communism* (Bles).
 Hamilton A., and others, *The Federalist* (Blackwell).
 Vile, M. J. C., *The structure of American federalism* (O.U.P.).
 Caldwell, L. K., *The administrative theories of Hamilton and Jefferson* (Russell and Russell).

Useful books for the second and third terms:

- Brzezinski, Z., and Huntington, S. P., *Political power; U.S.A., U.S.S.R.* (Chatto and Windus).
 Potter, A. M., *American government and politics* (Faber paperback).
 Fainsod, M., *How Russia is ruled* (Harvard, 1963).
 Moodie, G. C., *The government of Great Britain* (University paperback).
 Blondel, J., *Voters, parties and leaders* (Pelican).
 Scott, D. J. R., *Russian political institutions* (Allen and Unwin).
 Duverger, M., *Political parties* (Methuen).
 McKenzie, R. T., *British political parties* (Heinemann).
 Mackintosh, J. P., *The British cabinet* (Stevens).
 Schapiro, L., *The Communist party of the Soviet Union* (University paperback).
 Adrian, C. R., and Press, C., *The American political process* (McGraw-Hill).
 Neumann, S. (ed.), *Modern political parties* (Chicago U.P.).
 Pickles, D., *The fifth French Republic* (Methuen).
 Rossiter, C., *Parties and politics in America* (Mentor).
 Eckstein, H., and Apter, D., (eds.), *Comparative politics* (Glencoe Free Press).
 Macridis, R. C., and Ward, R. E., *Modern political systems*, vol. 1, Europe (Prentice-Hall).
 Macridis, R. C., and Brown, B. E., *The De Gaulle republic* (Dorsey).
 Verney, D. V., *The analysis of political systems* (Routledge, Kegan Paul).
 Alford, R. R., *Party and society* (Murray).
 Gripp, R. C., *Patterns of Soviet Politics* (Dorsey).

AP03. Politics IIIA.

POLITICAL AND SOCIAL THEORY.

Pre-requisite subject: Politics IIA or IIB.

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.

COMPARATIVE BUREAUCRACY.

Pre-requisite subject: Politics I at Division I standard or higher.

A second year subject—not available to external students.

A candidate shall not present both Politics IIA and Politics IIB.

A study in comparative politics with the main emphasis on U.S.S.R., U.S.A., Great Britain and France.

The first term which will be taken by students in both Politics IIA and Politics IIB will be devoted to the methodology of comparative politics and the study of some of the social theories propounded by Madison, Hamilton, Jefferson, De Tocqueville, Marx, Lenin and Weber.

The second and third terms will be devoted to a study of government bureaucracies in their respective cultural and political environments. Emphasis will be given to the effects of the industrial revolution and the relevance of the educational system, the judicial process, public enterprise, economic planning, managerial elites, trade unionism and the armed services.

Preliminary reading:

- Wolfe, B. D., *Three who made a revolution* (Beacon paperback).
 White, T. H., *The making of the president, 1960* (Cape paperback).
 Blau, P. M., *Bureaucracy in modern society* (Spectrum).
 Shils, E. A., *The torment of secrecy* (Heinemann).

Useful books for first term:

- Runciman, W. G., *Social science and political theory* (Cambridge U.P.).
 Macridis, R. C., and Brown, B. E., *Comparative politics, notes and readings* (revised edition, 1964, Dorsey).
 Brzezinski, Z., and Huntington, S. P., *Political power; U.S.A., U.S.S.R.* (Chatto and Windus).
 Hunt, R. N. C., *The theory and practice of Communism* (Bles).
 Hamilton, A., and others, *The Federalist* (Blackwell).
 Vile, M. J. C., *The structure of American federalism* (O.U.P.).
 Caldwell, L. K., *The administrative theories of Hamilton and Jefferson* (Russell and Russell).

Useful books for the second and third terms:

- Rowatt, D. C., *Basic issues in public administration* (Macmillan).
 Mills, C. W., *The power elite* (Galaxy).
 Jacob, C. E., *Policy and bureaucracy* (Van Nostrand).
 Chapman, B., *The profession of government* (Allen and Unwin).
 Brzezinski, Z., and Huntington, S. P., *Political power; U.S.A., U.S.S.R.*, (Chatto and Windus).
 Finer, S., *The man on horseback* (Pall Mall).
 Janowitz, M., *The military in the political development of new nations* (Phoenix).
 Friedrich, C., *Man and his government* (McGraw-Hill).
 Merton, R. K., *Reader in bureaucracy* (Free Press).
 La Palombara, J., (ed.), *Bureaucracy and political development* (Princeton).
 Macridis, R. C., and Ward, R. E., (eds.), *Modern political systems, vol 1 Europe* (Prentice-Hall).
 Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).
 Woll, P., *American bureaucracy* (Norton).
 Warner, W. L., *et al.*, *The American federal executive* (Yale).
 Granick, D., *The red executive* (Macmillan).
 Fainsod, M., *How Russia is ruled* (Harvard).
 Hackett, J., and Hackett A., *Economic planning in France* (Allen and Unwin).
 Ridley, F., and Blondel, J., *Public administration in France* (Routledge).

AP13. Politics IIB.

INTERNATIONAL POLITICS.

Pre-requisite subject: Politics IIA or IIB or History IIA 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 politics, Examples of contemporary inter-state behaviour.

Students will be expected to have completed some background reading in post-Napoleonic international history. The following books are suggested as examples:

- Albrecht-Carrié, R., *Diplomatic history of Europe since the Congress of Vienna* (Methuen).
 Grant, A. J., and Temperly, H. W. V., *Europe in the nineteenth and twentieth centuries* (Longmans).

- Langer, W. L., *Diplomacy of imperialism, 1890-1902* (Knopf).
European alliances and alignments, 1871-1890 (Knopf).
- Mansergh, N., *The coming of the first world war, 1878-1914* (Longmans, Green).
- Seton-Watson, R. W., *Britain in Europe, 1789-1914* (Cambridge).
- Sontag, R. J., *European diplomatic history, 1871-1932* (Appleton, Century, Crofts).
- Taylor, A. J. P., *The struggle for mastery in Europe* (Clarendon).
- Woodward, E. L., *War and peace in Europe, 1815-1870* (Constable).
- 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).
Swords into ploughshares (Random House).
- Frankel, J., *The making of foreign policy* (O.U.P.).
International relations (O.U.P.).
- Morgenthau, H. J., *Politics among nations* (Knopf).
- Schuman, F. L., *International politics* (McGraw-Hill).
- Waltz, K. N., *Man, the state, and war* (Columbia).
- Larus, J., *From collective security to preventative diplomacy* (Wiley).

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

There are six courses in Psychology for the degree of Bachelor of Arts.

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 Psychology IIA or IIB. Students are recommended to take Psychology I, unless they have a special reason for doing Psychology IA.

For those students who intend to take more than one course in Psychology, there are five courses for the ordinary degree of Bachelor of Arts, namely, Psychology I, IIA, IIB, IIIA, IIIB.

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 as participants in psychological experiments.

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

Lundin, R. W., *Personality, an experimental approach* (Macmillan).

Other books used in the course:

Nurnberger, J. I., Ferster, C. B., and Brady, J. P., *An introduction to the science of human behaviour* (Appleton-Century-Crofts).

Coopersmith, S., (ed.), *Frontiers of psychological research*, paper-back edition (Freeman).

King, Richard 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, John B., *Language and thought* (Prentice-Hall).

Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Science Edition Inc.).

Thomson, R., *The psychology of thinking* (Pelican).

Special Note.—Extensions for written work to be submitted for Psychology IA will only be given 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, thinking and language.

The course is made up of two 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 as participants in psychological experiments.

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 5th edition (Houghton Mifflin).

Lundin, R. W., *Personality, an experimental approach* (Macmillan).

Siegel, S., *Non-parametric statistics* (McGraw-Hill, International Student Edition).

Gourevitch, V., *Statistical methods: a problem-solving approach* (Allyn and Bacon).

Other books used in the course:

Nurnberger, J. I., Ferster, C. B., and Brady, J. P., *An introduction to the science of human behaviour* (Appleton-Century Crofts).

Coopersmith, S., (ed.), *Frontiers of psychological research*, paper-back edition (Freeman).

King, Richard 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, John B., *Language and thought* (Prentice-Hall).

Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Science Edition Inc.).

Thomson, R., *The psychology of thinking* (Pelican).

Special Note.—Extensions for written work to be submitted in Psychology I will only be given in those cases where a request in writing is accompanied by a medical certificate.

AY02. Psychology IIA.

Pre-requisite subject: Psychology I at Division I standard or higher.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week in the first and second terms on the general principles of sampling and statistical inference and parametric and non-parametric techniques applied to psychological data; (iii) Laboratory: an average of three hours a week in the first and second terms devoted to experiments and demonstrations.

This course is experimentally oriented with the main emphasis on basic psychological processes. The topics covered include psychophysics, perception, learning, motivation and emotion. A section of the course deals with comparative psychology.

Reference books:

- Hilgard, E. R., and Bower, G., *Theories of learning*, 3rd edition (Appleton-Century-Crofts).
- Hilgard, E. R., and Marquis, D. G., *Conditioning and learning*, 2nd edition, revised by Kimble, G.A. (Appleton-Century-Crofts).
- Goldstein, H., Krantz, D. L., and Rains, J. D., (eds.), *Controversial issues in learning* (Appleton-Century-Crofts).
- Hochberg, J. E., *Perception* (Prentice-Hall).
- Young, P. T., *Motivation and emotion* (Wiley).
- Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).
- Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
- Woodworth, R. G., and Schlosberg, H., *Experimental psychology* (Methuen).
- Stevens, S. S., (ed.), *Handbook of experimental psychology* (Wiley).
- Murphy, G., *Historical introduction to modern psychology* (Harcourt, Brace, and Co.).
- Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
- Siegel, S., *Non-parametric statistics* (McGraw-Hill).
- Sidowski, J. B. (ed.), *Experimental methods and instrumentation in psychology* (McGraw-Hill).

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).
- Eysenck, H. J., (ed.), *Handbook of abnormal psychology* (Pitman).

- Diamond, S., Balvin, R. S., and Diamond, F. R., *Inhibition and choice* (Harper and Row).
- Maher, B., (ed.), *Progress in experimental personality research* (Academic Press).
- Sidowski, J. B. (ed.), *Experimental methods and instrumentation in psychology* (McGraw-Hill).

AY12. Psychology IIB.

DEVELOPMENTAL PSYCHOLOGY.

Pre-requisite subject: Psychology I at Division I standard or higher.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week in the first and second terms on the general principles of sampling and statistical inference and parametric and non-parametric techniques applied to psychological data; (iii) Laboratory: an average of three hours a week in the first and second terms including clinical demonstrations, observation and assessment, and experimental work relating to psychological testing, and the development of basic psychological processes.

This course is intended to provide a more intensive study of individual differences and social processes within the framework of developmental theory; and an introduction to third-year work on general and social psychological theory.

Basic psychological processes: motivation, emotion, perception, learning, thinking and language will be treated developmentally. Consideration will be given to the determinants of the development of intelligence, personality and social behaviour.

Development from infancy to senescence will be dealt with in the light of experimental, clinical and social psychological evidence relating to some of the special problems of various developmental stages and to deviant behaviour.

(a) Primary Text-books:

- Bandura, A., and Walters, R. H., *Social learning and personality development* (Holt, Rinehart and Winston).
- Bijou, S. W., and Baer, D. M., *Child development I: a systematic and empirical theory* (Century Psychology Series).
- Birren, J. E., *The psychology of aging* (Prentice-Hall).
- Kuhlen, R. G., and Thompson, G. G., *Psychological studies of human development*, 2nd edition (Century Psychology Series).
- Munn, N. L., *The evolution and growth of human behaviour*, 2nd edition (Houghton Mifflin).
- Mussen, P. H., Conger, J. J., and Kagan, J., (eds.), *Readings in child development and personality* (Harper and Row).
- Rosenblith, J. F., and Allinsmith, W., *The causes of behaviour: readings in child development and educational psychology*, 2nd edition (Allwyn and Bacon).

(b) Secondary Text-books:

- Birren, J. E., (ed.), *Handbook of aging and the individual* (Chicago U.P.).
- Flavell, J. H., *The developmental psychology of Jean Piaget* (Van Nostrand).
- Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
- Mussen, P. H., (ed.), *Handbook of research methods in child development* (Wiley).
- Mussen, P. H., Conger, J. J., and Kagan, J., *Child development and personality*, 2nd edition (Harper and Row).
- Pressey, S. L., and Kuhlen, R. G., *Psychological development through the life span* (Harper).
- Russell, D. H., *Children's thinking* (Ginn).
- Siegel, S., *Non-parametric statistics* (McGraw-Hill).
- Tibbitts, C., (ed.), *Handbook of social gerontology* (Chicago U.P.).
- Watson, R. I., *Psychology of the child* (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).

Lambert, W. W., and Lambert, W. E., *Social psychology* (Prentice-Hall).

Text-books:

Proshansky, H., and Seidenberg, B., (eds.), *Basic studies in social psychology* (Holt, Rinehart and Winston).

Steiner, I. D., and Fishbein, M., (eds.), *Current studies in social psychology* (Holt, Rinehart and Winston).

Hays, W. L., *Statistics for psychologists* (Holt, Rinehart and Winston).

or

Guilford, J. P., *Fundamental statistics in psychology and education*, 4th edition (McGraw-Hill).

Selltiz, C., Jahoda, M., Deutsch, M., and Cook, S. W., *Research methods in social relations*, revised edition (Holt, Rinehart and Winston).

or

Festinger, L., and Ketz, D. (eds.), *Research methods in the behavioral sciences* (Dryden Press).

Stephan, F. F., and McCarthy, P. J., *Sampling opinions: an analysis of survey procedure* (Wiley).

Reference Books:

Lindzey, G., (ed.), *Handbook of social psychology* (Addison-Wesley).

Parten, M., *Surveys, polls and samples* (Harper and Brothers).

Rose, A. M., *Sociology*, 2nd edition (Knopf).

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.

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).

SPECIAL LANGUAGE EXAMINATION FOR THE HONOURS DEGREE
OF B.A.

AX97. Special Language.

Candidates for the Honours Degree of Bachelor of Arts in certain schools are required to pass a special examination in a language other than English approved by the Faculty before beginning their Final Honours year.

Although no formal instruction is provided for this course, candidates should consult the Head of their Department for advice on their preparatory reading as soon as they have been accepted as Honours students. Where the language chosen is one taught in the Faculty of Arts, advice may also be sought from the language department concerned. Normally, the examination is taken at the end of the candidate's second year at the University to ensure that he has access to research material in another language during the latter part of his Honours course.

The examination is of three hours' duration. It takes the following form:

- i. Translation of a short passage from the foreign language into English.
- ii. Comprehension questions, to be answered in English, on a longer passage (or several shorter passages) in the foreign language.

The use of a dictionary is allowed.

The examination is based on texts related to the candidate's field of study. The standard of difficulty is approximately equal to that of the unseen texts set in first-year language examinations for the Ordinary Degree of Bachelor of Arts.

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:

- 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).
 Holst, *An A.B.C. of music* (O.U.P.).

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, *A workbook for analysis* (Dodd, Mead and Co., New York).

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, including aural 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* (Dodd, Mead and Co., New York).

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.

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 (or SP71 General Physics); SC01 Chemistry I; SZ71 Biology; and—

A fourth subject chosen from the first-year subjects available for the degrees 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).
 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 two terms and practical work for one term on general biochemistry.

In the first term, dental students attend the same lectures as second-year medical students. The rest of the course for dental students, is given in the third term. Practical work is given during the second term.

Reference Books:

- Conn, E. E., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

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*, 7th edition (Williams and Wilkins); or
 Ganong, W. F., *Review of medical physiology* (Lange, 1965).

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 and Physiology.

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, 1965).

Wheeler, R. C., *An atlas of tooth form*, 3rd edition (Saunders, 1962).

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 4th edition (Livingstone, 1964).

Reference books:

Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).

Jenkins, G. N., *The physiology of the mouth*, 2nd edition (Blackwell, 1960).

DS12. Dental Materials and Technics.

A course of lectures, tutorials and practical work is given during second year and is continued in the third year.

Physical, chemical and mechanical properties of materials used in dentistry are studied in a series of experiments and laboratory exercises. The application of this knowledge to dentistry is gained by exercises in dental technics.

Text-books:

Skinner, E. W., and Phillips, R. W., *The science of dental materials* (Saunders).

Roydhouse, R. H., *Materials in dentistry* (Year Book Publications).

Reference books:

Anderson, J. N., *Applied dental materials* (Blackwell).

Peyton, F. A., and others, *Restorative dental materials* (Mosby).

Standards Association of Australia, *Australian standard specifications for dental materials*.

American Dental Association, *Guide to dental materials* 1966.

THIRD YEAR

DS03. Applied Oral Anatomy and Applied Physiology.

Basic principles of anatomy and physiology are considered in their application to the practice of clinical dentistry. Special emphasis is placed on the components of the oro-facial region and their relationships to each other and to the general systems of the body. The course in applied physiology will be held throughout the third term, and is continued in the Fourth and Fifth years.

Text-books:

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 4th edition (Livingstone).

Posselt, U., *Physiology of occlusion and rehabilitation* (Blackwell).

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins) or

Keele, C. A., and Neil, E., *Samson Wright's Applied Physiology*, 11th edition (O.U.P.).

Reference books:

Sicher, H., *Oral anatomy*, 4th edition (Mosby, 1965).

Shapiro, H. H., *Maxillofacial anatomy* (Lippincott).

Orban, B. J., *Oral histology and embryology*, 5th edition (Mosby, 1962).

Kennedy, A. C., *Essentials of medicine for dental students* (Livingstone).
Cheraskin, E., and Langley, L. L., *Dynamics of oral diagnosis* (Year Book Publishers).

Silverman, S. I., *Oral physiology* (Mosby, 1961).

Special references will be given during the course.

MP73. General Pathology.

A course of instruction on the general principles of pathology, including the genetic background to disease, inflammation, syphilis, tuberculosis, actinomycosis, viruses, reaction of degeneration and infiltrations, repair processes, malformations, neoplasia, biological effects of radiation, reactions of the blood in disease, and with specific reference to the pathology of systemic diseases of importance in dental practice.

Text-book:

Wright, G. P., *An introduction to pathology* (Longmans); or

Reference book:

Robbins, S. L., *Textbook of pathology*, 2nd edition (Saunders, 1962).

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 and Microbiology.

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).

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 (DS82):
- 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-book:

Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).

Reference books:

McDonald, R. E., *Pedodontics* (Mosby).

Cohen, M. M., *Pediatric dentistry* (Mosby).

Finn, S. B., *Clinical pedodontics* (Saunders).

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.

Reference books:

Blake, G. L., and Trott, J. R., *Periodontology* (Butterworth).

Orban, Wentz, Everett and Grant, *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 and practical work beginning in the third term of the third year and extending over three 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 and Microbiology (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*.

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*.

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.

DS85. 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:

	1967	1968	1969
Economics I	Day and Evening	Day and Evening	Day and Evening
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics II and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics II.

EE01. Economics I.

The course will be given in 1967 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 (*to be read before lectures begin*):

Drohan, N. T., and Day, J. H., (eds.), *Readings in Australian economics* (Cassell).

Victorian Universities and Schools Examination Board Economic Standing Committee, *Australian economic background: from the Report of the Committee of Economic Enquiry*.

Galbraith, J. K., *The affluent society* (Penguin or Mentor).

Also desirable:

Shonfield, A., *Modern capitalism* (O.U.P. for Chatham House).

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:

Brennan, M. J., *Theory of economic statics* (Prentice-Hall).

Leftwich, R. H., *The price system and resource allocation*, 3rd edition (Holt, Rinehart, Winston).

Downing, R. I., *National income and social accounts*, 9th (or later) edition (M.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).

Reference books:

Samuelson, P. A., *Economics*, 4th, 5th or 6th edition (McGraw-Hill).

Stonier, A., and Hague, D. A., *A text-book of economic theory* (Longmans).

Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicholson).

Stigler, G. J., *The theory of price* (Macmillan).

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 1967 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. 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* (Prentice-Hall).

Morgan, E. V., *A history of money* (Pelican).

- Galbraith, J., *The great crash 1929* (Pelican).
 Dean, E., *The controversy over the quantity theory of money* (Heath).

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.).
 Tew, B., *Wealth and income*, 4th, revised, edition (M.U.P.).
 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., *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.).
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).
 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).
 Sayers, R. S. (ed.), *Banking in the British dominions* (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*.
 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., *Ownership and control of Australian companies* (Law Book Co.).
 Berle, A. A., and Means, G. C., *The modern corporation and private property* (Macmillan).
 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.).
 Marris, R., *The economic theory of managerial capitalism* (Macmillan).

Additional references will be prescribed by the lecturers.

EE03. Economics III.

The course will be given in 1967 as day lectures. It comprises three lectures and one tutorial a week. The course consists of Part A and *either* Part B or Part C or Part D.

Exemption from lectures in Economics III is not usually granted.

Preliminary reading:

Pen, J., *Modern economics* (Pelican A710).

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).

Matthews, R. C. O., *The trade cycle* (C.U.P.).

Ackley, G., *Macroeconomic theory* (Macmillan).

Australia; Census and Statistics, Bureau of,
Australian balance of payments (latest issue),
Australian economy (latest issue).

Reference books:

Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).

Hansen, A., *A guide to Keynes* (McGraw-Hill).

Hansen, A., *Business cycles and national income* (Norton).

Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).

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).

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.

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).

Kaldor, N., *An expenditure tax* (Allen and Unwin).

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).
 United Nations, Economic and Social Affairs, Department of, *A manual for economic and functional classification of government transactions*.
 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:

International Labour Conference, *Wages—general report* (I.L.O., 1948).
 Hicks, J. R., *The theory of wages* (Macmillan).
 Dunlop, J. T., *Wage determination under trade unions* (Kelley).
 Reynolds, L. G., *Labor economics and labor relations*, 3rd edition (Prentice-Hall).
 Wootton, Barbara, *The social foundations of wage policy* (Allen and Unwin).
 Fogarty, M., *The just wage* (Chapman).
 Turvey, R. (ed.), *Wages policy under full employment* (Hodge).
 Dunlop, J. T. (ed.), *The theory of wage determination* (Macmillan).
 Walker, K. F., *Industrial relations in Australia* (Harvard).
 Portus, J. H., *The development of Australian trade union law* (M.U.P.).
 Roberts, B. C., *Trade unions in a free society* (Hutchinson).
 Roberts, B. C., *National wages policy in war and peace* (Allen and Unwin).
 Robertson, D. J., *The economics of wages* (Macmillan).
 Perlman, M., *Judges in industry* (M.U.P.).
 International Labour Office, *Job evaluation* (I.L.O. Studies and Reports N.S. 56) (Geneva, 1960).
 International Labour Office, *Payment by results* (I.L.O. Studies and Reports N.S. 27) (Geneva, 1951).
 Flanders, A., and Clegg, H. (eds.), *The system of industrial relations in Great Britain*.

Additional references will be prescribed by the lecturers.

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 day lectures in 1967.

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.).

Text-books:

Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).

Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).

Together with

either:

Clark, Sir G., *The wealth of England* (H.U.L., Oxford).

Ashton, T. S., *The industrial revolution* (H.U.L., Oxford).

Chambers, J. D., *The workshop of the world* (O.U.P.).

Deane, P., *The first industrial revolution* (C.U.P.).

Or:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750* (C.U.P.); and

Court, W. H. B., *A concise economic history of Britain from 1750 to recent times* (C.U.P.).

Reference books:

Orwin, C. S., *The open fields* (O.U.P.).

Power, E., *The wool trade in English medieval history* (O.U.P.).

Nef, J. U., *The cultural foundations of industrial civilization* (C.U.P.).

Tawney, R. H., *Religion and the rise of capitalism* (Pelican or Murray).

Butterfield, H., *The origins of modern science* (Bell).

Hill, C. (ed.), *The English revolution* (Lawrence and Wishart).

Ashton, T. S., *Economic fluctuations in England, 1700-1810* (O.U.P.).

Ashton, T. S., *The economic history of England in the eighteenth century* (Methuen).

Hayek, F. A., *Capitalism and the historians* (Chicago U.P.; Routledge and Kegan Paul).

Mantoux, P., *The industrial revolution in the eighteenth century* (Cape).

Deane, P., and Cole, W., *British economic growth 1688-1959* (C.U.P.).

Matthews, R. C. O., *A study in trade-cycle history* (C.U.P.).

Imlah, A. H., *Economic elements in the pax Britannica* (Harvard U.P.).

Burn, D. L., *The economic history of steel making, 1867-1939* (C.U.P.).

Roberts, D., *The Victorian origins of the welfare state* (Yale U.P.).

Ashworth, W., *An economic history of England, 1870-1939* (Methuen).

Habakkuk, H. J., *American and British technology in the 19th century* (C.U.P.).

North, D. C., *The economic growth of the United States 1790-1860* (Prentice-Hall).

Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).

Galbraith, J. K., *The great crash* (Pelican).

Pollard, S., *The development of the British economy, 1914-1950* (Arnold).

Youngson, A. J., *The British economy, 1920-1957* (Allen and Unwin).

Cairncross, A. K., *Home and foreign investment* (C.U.P.).

Butlin, S. J., *Australia and New Zealand Bank* (Longmans).

Butlin, N. G., *Australian domestic product, investment and foreign borrowing, 1861-1938/39* (C.U.P.).

Forster, C., *Industrial development in Australia, 1920-1930* (A.N.U.).

Additional references will be prescribed by the lecturers.

EE13. Economic Development II.

Pre-requisite subjects: Economic Development I or History IIB; and Economics III, if not already completed, must be taken concurrently.

This course, comprising two seminars a week, will be given in 1967 as evening classes. It will be concerned with the secular development of economies and with a comparative study of economic systems. The programme will include a discussion of theories of growth with special emphasis given to the problems of developing countries. Students will be expected to produce case studies on selected countries.

Text-books:

Lewis, W. A., *Theory of economic growth* (Unwin).

Agarwala, A. N., and Singh, S. P., *The economics of underdevelopment* (O.U.P.).

Leibenstein, Harvey, *Economic backwardness and economic growth* (Wiley, Science Paper-back).

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).

EE22. Economic Statistics I.

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics determines otherwise.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1967 as evening lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling, significance and elementary decision theory, including the use of the normal, t and 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

Waugh, A. E., *Elements of statistical method* (McGraw-Hill); or

Yamane, T., *Statistics, an introductory analysis* (Harper).

Reference books:

Moroney, M. J., *Facts from figures* (Penguin).

Cipolla, C., *Economic history of world population* (Penguin).

Croxtan, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).

- Chernoff, H., and Moses, L. E., *Elementary decision theory* (Wiley).
 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., *Schaum's outline of 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. J., and Bannock, G., *Business economics and statistics* (Hutchinson).
 Paden, D. W., and Lindquist, E. F., *Statistics for economics and business* (McGraw-Hill).
 Suits, D. B., *Statistics: an introduction to quantitative economic research* (Rand McNally).
 Palmer G. R., *A guide to Australian Economic Statistics* (Macmillan).

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. A detailed list of these publications will be provided. Students should procure copies of the latest issue of, at least, the following (published by the Government Printer, Canberra): Australia; Census and Statistics, Bureau of, *Labour report*.

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 1967 if sufficient students enrol.

The course will deal with the estimation of economic relationships and with statistical applications to business problems and will include the following topics: introduction to probability; multiple regression and correlation; simultaneous equations problems; elementary linear programming; inventory analysis; decision making under certainty and uncertainty.

Text-books:

- 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).

Reference books:

- Klein, L. R., *An introduction to econometrics* (Prentice-Hall).
 Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).
 Additional references will be prescribed by the lecturers.

EE41. Mathematics (Economics).

Essential background: No pre-requisite subjects are formally required, but the course assumes a thorough knowledge of the syllabuses of Leaving Mathematics, Parts I and II as they existed prior to 1966. In 1967 and subsequently, a knowledge of Matriculation Maths I will be assumed.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1967 as evening lectures. 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) introductory calculus with applications to problems in economics and commerce; and
- (b) an elementary treatment of matrix algebra with applications to economic models which consist of systems of equations.

Preliminary reading:

Gray, J. F., *Sets, relations, and functions* (Holt, 1962).

Text-book:

Huang, D. S., *Introduction to the use of mathematics in economic analysis* (Wiley).

Reference books:

Cohn, P. M., *Linear equations* (Routledge and Kegan Paul).

Dinkines, F., *Elementary theory of sets* (Appleton-Century-Crofts).

Kemeny, J. G., and others, *Finite mathematics with business applications* (Prentice-Hall).

Kooros, A., *Elements of mathematical economics* (Houghton Mifflin).

Additional references will be prescribed by the lecturers.

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 1967, and will be given if sufficient students enrol.

The course is concerned with government accounting; 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	Business Statistics
Money and Banking	Theory of Accounting
Econometrics	Economic Dynamics

(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 1967 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to the following topics: demand and supply; competition and monopoly; distribution of income and wealth; international trade; national accounting; money and banking; theory of employment; government policy in depression and inflation; capital accumulation in underdeveloped areas.

Preliminary reading:

Heilbroner, R. L., *The making of economic society* (Prentice-Hall).

Text-books:

Reynolds, L. G., *Economics* (Irwin).

Gill, R. T., *Economic development past and present* (Prentice-Hall).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Heilbroner, R. L., *The worldly philosophers* (Simon and Schuster).

Perkins, J. O. N., *Anti-cyclical policy in Australia, 1960-1964* (M.U.P.).

Kenen, P. B., *International economics* (Prentice-Hall).

Reference books will be prescribed in lectures.

EE83. Agricultural Economics.

This course is offered annually for students proceeding to the degree of Bachelor of Agricultural Science and to students proceeding to the degree of Bachelor of Science in Forestry 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 and forestry. 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 analysis* (Wiley).
- Downing, R. I., *National income and social accounts*, 9th edition, (M.U.P.).
- Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
- Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Reference books:

- Samuelson, P. A., *Economics*, 5th or 6th edition, (McGraw-Hill).
- 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).
- Bradford, L. A., and Johnson, G. L., *Farm management analysis* (Wiley).
- Beneke, R. R., *Managing the farm business* (Wiley).
- 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).
- Additional references will be prescribed by the lecturers.

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:

- McNeill, I. E., *The accounting cycle* (Holt); or
 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 books:

- Mathews, R. L., *Accounting for economists* (Cheshire).
 Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).
 Fitzgerald A. A., and Schumer, L. A., *Classification in accounting*, 2nd edition, (Butterworth).
 Gilman, S., *Accounting concepts of profit* (Ronald).

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; 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; introduction to PERT.

Text-books:

- Shillinglaw, G., *Cost accounting, analysis and control* (Irwin).
 Battersby, A., *Network analysis for planning and scheduling* (Macmillan).

Reference books:

- 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., *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).
 Bierman, H., *Topics in cost accounting and decisions* (McGraw-Hill).

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.

Text-book:

Davis, G. B., *An introduction to electronic computers* (McGraw-Hill).

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).

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, bills of sale, hire purchase: partnership and company law.

The following South Australian statutes, which may be taken into examinations, should be acquired:

- Sale of Goods Act*, 1895-1952.
- Hire-purchase Agreements Act*, 1960-62.
- Bills of Sale Act*, 1886-1940.
- Partnership Act*, 1891-1935.
- Companies Act*, 1962-64.

Text-books:

- Atiyah, P. S., *The sale of goods*, 2nd edition (Pitman, 1963).
- Else-Mitchell, R. and Parsons, R. W., *Hire-purchase law*, 3rd edition, (Law Book Co., 1961).
- Underhill, A., *Principles of the law of partnership*, 7th edition (Butterworth, 1958).
- 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).

Text-books:

- Brown, J. A. C., *The social psychology of industry* (Pelican).
- Presthus, R., *The organizational society* (Knopf).
- Katz, D., and Kahn, R. L., *The social psychology of organizations* (Wiley).

Reference books:

- Gouldner, A., *Wildcat strike* (Antioch College Press).
- Homans, G. C., *The human group* (Routledge and Kegan Paul).
- Jacques, 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., *Men at work* (Irwin-Dorsey).
- 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).

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).

Text-book:

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).

(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).

Zaleznik, 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* (Prentice-Hall).

Bain, J. S., *Barriers to new competition* (Harvard U.P.).

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., *Nonlinear and dynamic programming* (Addison-Wesley).
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).
Kemeny, J. G. and others, *Finite mathematics with business applications* (Prentice-Hall).
Manne, A., *Economic analysis for business decisions* (McGraw-Hill).
Starr, M. K., and Miller, D. W., *Inventory control; theory and practice* (Prentice-Hall).

EC70. Decision-Making.

This course is offered only on a full-time basis for four weeks during the third term.

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).

THIRD YEAR

(To be offered for the last time in 1967.)

SM12. Applied Mathematics II.

For syllabus see under Faculty of Science.

SO13. Chemistry IIB.

Pre-requisite subject: Chemistry IIA (SC22).

Two lectures a week throughout first and second terms devoted to the chemistry of the chief families of aliphatic and aromatic compounds.

Text-books:

Mackenzie, C. A., *Unified organic chemistry*, International student edition (Harper and Row); or

English, J., and Cassidy, H. G., *Principles of organic chemistry*, 3rd edition, International student edition (McGraw-Hill).

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.

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 Ripling, E. J., *Strength and structure of engineering materials* (Prentice-Hall).

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:

Abbott, W., *Machine drawing and design* (Blackie).

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:

Faires, V. M., *Design of machine elements* (Macmillan).

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.).

NH03. Process Engineering I.

Pre-requisite subjects: Chemistry IA and General Physics.

One lecture a week for two terms comprising an introduction to the processes and operations of chemical engineering. One lecture a week for one term on equilibrium stage operations. Ten, two-hour tutorial sessions.

Text-book:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

Badger, W. L., and Banchemo, 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* (Pergamon Press, 1964).

Brown, G. G., *Unit operations* (Wiley, 1950).

Riegel, E. R., *Chemical machinery* (Reinhold, 1944).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill, 1963).

NH73. Materials Science.

Pre-requisite subjects: General Physics and Chemistry IA or Leaving Honours Physics and Chemistry.

The course consists of two lectures and three hours laboratory work a week throughout the year.

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 environments: corrosion, oxidation, thermal stability, radiation damage. Composite materials. Fabrication. Nuclear Metallurgy. Information services.

Text-book:

Moffatt, W. G., (ed.), *The structure and properties of materials*, vols. I-IV (Wiley).

Reference books:

Pascoe, K. J., *An introduction to the properties of engineering materials* (Blackie, 1961).

Cottrell, A. H., *The mechanical properties of matter* (Wiley, 1964).

Kingery, W. D., *Introduction to ceramics* (Wiley, 1960).

Rollason, E. C., *Metallurgy for engineers* (Arnold, 1961).

Moffatt, W. G., et al, *The structure and properties of materials* (Wiley, 1964).

Guy, A. G., *Elements of physical metallurgy* (Addison-Wesley, 1959).

Samans, C. H., *Metallic materials in engineering* (Macmillan, 1963).

Avner, S. H., *Introduction to physical metallurgy* (McGraw-Hill, 1964).

Uhlig, H. H., *Corrosion and corrosion control* (Wiley, 1963).

Van Vlack, L. H., *Elements of materials science* (Addison-Wesley).

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: Mathematics II (Engineering).

The course consists of two lectures and one three-hour laboratory session a week throughout the year and is designed for students not intending to complete a degree in Electrical Engineering.

The lecture course comprises:

- (a) One lecture a week for two terms devoted to network theory, including transient and steady state analysis of simple networks; phasor and symbolic notations; network theorems, systematic network solution and applications.
- (b) One lecture a week throughout the year on electrical machines, including fundamental concepts of energy storage and conversion, transformer and rotating machine principles, characteristics and performance.

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*, 2nd edition (McGraw-Hill).

Reference books:

Hirst, A. W., *Applied electricity* (Blackie).

Hayt, W. H., and Kemmerley, J. E., *Engineering circuit analysis* (McGraw-Hill).

NM94. Mechanical Engineering S (Ch).

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:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

- Coulson, J. M., and Richardson, J. F., *Chemical engineering*, 2 vols. (vol. 1, 2nd edition) (Pergamon Press, 1954-1964).
 Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).
 Rohsenow, W. M., and Choi, H., *Heat, mass and momentum transfer* (Prentice-Hall, 1961).
 Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley, 1960).
 Bayley, F. J., *An introduction to fluid dynamics* (Allen and Unwin, 1957).
 Eskinazi, S., *Principles of fluid mechanics* (Allyn and Bacon, 1962).

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., 1955).
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, vols. I-III (Wiley).
 Glasstone S., *Textbook of physical chemistry*, 2nd edition (Macmillan, 1947).
 Rodiguin, N. M., and Rodiguina, E. N., *Consecutive chemical reactions* (Van Nostrand, 1963).
 Levenspiel, O. L., *Chemical reaction engineering* (Wiley, 1962).
 Coull, J., and Stuart, B., *Equilibrium thermodynamics* (Wiley, 1964).
 Denbigh, K., *Chemical reactor theory* (C.U.P., 1965).

NH84. Process Engineering IIC: Process Control.

Pre-requisite subjects: Chemistry IIA, Physics A (Engineering) and Mathematics II (Engineering).

LECTURES: Two hours a week throughout the year divided into three sections: (1) Process Measurement and Instrumentation, dealing with the dynamics and form of measuring elements and with details involved in selection and specification, (2) Analog computation, providing an introduction to simulation of plant characteristics and (3) Basic Control Theory and Process Dynamics.

Section (3) comprises the bulk of the course. Emphasis is laid on frequency response techniques and on the interaction between control theory and plant design.

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, 1964).

Reference Books:

- Buckley, P. S., *Techniques of process control* (Wiley, 1964).
 Considine, D. M., *Process instruments and controls handbook* (McGraw-Hill, 1957).
 Smith, G. W., and Wood, R. C., *Principles of analog computation* (McGraw-Hill, 1959).

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.

Text-book:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Coulson, J. M., and Richardson, J. T., *Chemical engineering*, 2 vols. (Vol. I, 2nd edition) (Pergamon Press 1954-1964).

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, 1951).

Sherwood, T. K., and Pigford, R. L., *Absorption and extraction* (McGraw-Hill, 1952).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

Rohsenow, W. M., and Choi, H., *Heat, mass, and momentum transfer* (Prentice-Hall, 1961).

Bird, R. B., Stewart, W. E., and Lightfoot, E. N., *Transport phenomena* (Wiley, 1960).

Smith, B. D., *Design of equilibrium stage processes* (McGraw-Hill, 1963).

Bennett, C. O., and Myers, J. E., *Momentum, heat, and mass transfer* (McGraw-Hill, 1962).

NH75. Process Engineering IIIB.

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 IIIC: 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, 1947).
 Schweyer, H. E., *Process engineering economics* (McGraw-Hill, 1955).
 Grant, E. L., and Ireson, W. G., *Principles of engineering economy* (Ronald Press, 1960).

NH95. Process Engineering IIID: Plant Design.

Pre-requisite subjects: Process Engineering IIIA, IIIB and IIIC.

This project occupies 250 to 300 hours of full-time work during the months of September/November after the normal Departmental examinations. It involves the study of a selected process, calculation of material and energy balances, preparation of flow sheets, design of selected plant items, and drawing of plant lay-out.

Reference books:

- Vilbrandt, F. C., and Dryden, C. E., *Chemical engineering plant design*, 4th edition (McGraw-Hill, 1959).
 Perry, J. H., *Chemical engineers' handbook*, 4th edition (McGraw-Hill).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).
 Kern, D. Q., *Process heat transfer* (McGraw-Hill, 1950).
 Clarke, L., and Davidson, R. L., *Manual for process engineering calculations*, 2nd edition (McGraw-Hill, 1961).
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. I, 2nd edition (Wiley, 1954).
 Faith, W. L., Keyes, D. B., and Clark, R. L., *Industrial chemicals*, 2nd edition (Wiley, 1957).
 Lyle, O., *The efficient use of steam* (H.M.S.O., 1947).

CHEMICAL ENGINEERING COURSE (NEW)**FIRST YEAR**

(To be offered for the first time in 1967.)

SM01. Mathematics I.

SP01. Physics I.

SC01. Chemistry I.

For syllabuses see under Faculty of Science.

NX01. Engineering I.

BACKGROUND TO 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.

DESCRIPTIVE GEOMETRY.

Projects (first and third angle). Point, line, plane, solids, developments, intersections, interpenetrations of solids.

GRAPHICS.

Pictorial representation of data. Graphical mathematics (addition, subtraction, multiplication, division).

Graphical integration, differentiation, applications (centroids, second moment of areas, B.M. and S.F. diagrams), functional scales, slide rule, adjacent charts, network charts (3 and 4 variables). Nomography.

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.

ENGINEERING STATICS AND SOLID MECHANICS.

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. Normal and shear stress, vector and tensor representation. Strain conditions of equilibrium and compatibility. Strain energy, stress/strain relationship. Hooke's Law, actual materials. Statically indeterminate problems in tension and compression.

ENGINEERING KINEMATICS AND DYNAMICS.

Rectilinear and uniaxial motion—uniform and variable acceleration. Curvilinear motion—acceleration components. Work, power, energy, momentum. Rotation about a variable axis. Conservation of energy and momentum, action of steady and impulsive forces and couples. Dynamics of rigid bodies. D'Alembert's principle. Principle of work. Power transmission, vibration.

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., CZ1 *Engineering Drawing Practice*.

B.S.S., 1916 Part I, *Limits and Fits for Engineering*.
1916 Part II, *Guide to the Selection of Fits*.

Miriam, J. L., *Statics* (Wiley).

Miriam, J. L., *Dynamics* (Wiley).

CIVIL ENGINEERING COURSE (OLD)

THIRD YEAR

(To be offered for the last time in 1967.)

SM12. Applied Mathematics II.

For syllabus see under Faculty of Science.

SG83. Geology I (Engineering).

LECTURES.—The lectures given in Geology I (SG01).

PRACTICAL WORK.—One two-hour demonstration a week; one hour a week in tutorial classes. Students should also spend at least one hour a week in the laboratory in independent study. The course deals with the study of geological maps and the examination of crystal models, minerals and rocks with reference to engineering problems.

FIELD WORK.—As for Geology I (SG01).

BOOKS.—As for Geology I (SG01).

NC73. Strength of Materials.

For syllabuses see under CHEMICAL ENGINEERING COURSE (OLD), THIRD YEAR.

NC83. Surveying A.

Pre-requisite subjects: General Mathematics, Graphics.

One lecture a week throughout the year dealing with instruments and their adjustments; linear measurements; chain surveying; compass surveying; theodolite surveying; plane table surveying; tacheometrical surveying; levelling; contouring; setting out curves; field notes; computations; plotting.

Three hours a week will be occupied in office and field work.

Candidates must comply with the requirements of a Survey Camp (NC93) before being credited with this subject.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

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).

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*.

NC93. Survey Camp (First).

Students must attend lectures and practical classes in Surveying A before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students must complete survey plans from data obtained at the camp, and submit such plans with field notes, etc., for inspection by a date fixed by the lecturer-in-charge. The survey plans form part of the work of the camp, and must be 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 first term of the following year.

Entry for the camp should be made before the end of second term.

NE73. Electrical Engineering S.

For syllabus see under CHEMICAL ENGINEERING COURSE (OLD), FOURTH YEAR.

NM73. Engineering Drawing and Design.

For syllabus see under CHEMICAL ENGINEERING COURSE (OLD), THIRD YEAR.

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 1967 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 (to be read before lectures begin):

Drohan, N. T., and Day, J. H., (eds.), *Readings in Australian economics* (Cassell).

Victorian Universities and Schools Examination Board, Economic standing committee, *Australian economic background: from the Report of the Committee of Economic Enquiry*.

Galbraith, J. K., *The affluent society* (Penguin or Mentor).

Also desirable:

Shonfield A., *Modern capitalism* (O.U.P. for Chatham House).

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:

Brennan, M. J., *Theory of economic statics* (Prentice-Hall).

Leftwich, R. H., *The price system and resource allocation*, 3rd edition (Holt, Rinehart, Winston).

Downing, R. I., *National income and social accounts*, 9th (or later) edition (M.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).

Reference books:

- Samuelson, P. A., *Economics*, 4th, 5th or 6th edition (McGraw-Hill).
 Stonier, A., and Hague, D. A., *A text-book of economic theory* (Longmans).
 Lipsey, R. G., *An introduction to positive economics*, 2nd edition (Weidenfeld and Nicholson).
 Stigler, G. J., *The theory of price* (Macmillan).

Additional references will be prescribed by the lecturers.

Or

SM94. Mathematics III (Engineering).

Pre-requisite subject: Applied Mathematics II (SM12); or Mathematics II (Engineering) (old course), each at Division I or higher standard.

The course consists of two lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: vectors and tensors, matrices, difference equations, elasticity, hydrodynamics, wave theory, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis, systems analysis, computing science.

Text-books:

- Hildebrand, F. B., *Advanced calculus for applications* (Prentice-Hall).
 National Physical Laboratory: Mathematics Division, *Modern computing methods* (H.M.S.O.).
 Spiegel, M. R., *Vector analysis* (Schaum).

Reference books:

- Spain, B., *Tensor calculus* (Oliver and Boyd).
 Weatherburn, C. E., *Advanced vector analysis* (Bell).
 Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).
 Rutherford, D. E., *Vector methods* (Oliver and Boyd).
 Sokolnikoff, I. S., *Mathematical theory of elasticity* (McGraw-Hill).
 Lamb, H., *Hydrodynamics* (Dover; C.U.P.).
 Jaeger, J. C., *Elasticity, fracture and flow* (Methuen).
 Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd).
 Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).
 Coulson, C. A., *Waves* (Oliver and Boyd).
 Mitrinovic, D. S., *Functions of a complex variable* (Noordhoff).
 Mitrinovic, D. S., *Elementary matrices* (Noordhoff).
 Mitrinovic, D. S., *Calculus of residues* (Noordhoff).
 Ayres, F., *Theory and problems of matrices* (Schaum).
 Crandall, S. H., *Engineering analysis* (McGraw-Hill).

NC04. Civil Engineering I.

Pre-requisite subjects: Mathematics I (Engineering), 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 cases of beams, triangulated frames and rigid frames, three-pin arches 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, and laboratory work is intended to illustrate 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).
 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).
 Reece, P. O., *An introduction to the design of timber structures* (Spon).
 Means, R. E., and Parcher, J. V., *Physical properties of soils* (Merrill).
 Teng, W. C., *Foundation design* (Prentice-Hall).

NC74. Hydraulics A.

Pre-requisite subjects: Mathematics II (Engineering), 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: Mathematics II (Engineering), Electrical Engineering.

This course consists of one lecture and three hours' practical work a week throughout the year.

LECTURES: Elements of electronic circuits using solid state elements and vacuum tubes; amplifiers; oscillators; counting and triggering circuits; stabilizer and power supply details and characteristics; special valves; C.R. tubes; thyatrons; methods of electrical measurements—analogue and digital; physical measurements and general transducer characteristics and performance; data recording and collection methods, photographic, chart, magnetic tape, etc.; measurement of time, radioactivity, etc.

PRACTICAL: Laboratory and field experiments are intended to illustrate the subject matter of the lectures.

Reference books:

- Partridge, G. R., *Principles of electronic instruments and instrumentation* (Pitman).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Carroll, J. M., *Transistor circuits and applications* (McGraw-Hill).
 U.S. Department of the Army, *Basic theory and application of transistors* (U.S. Government Printing Office).
 Hunter, L. P., *Handbook of semi-conductor electronics* (McGraw-Hill).
 Kinnard, I. F., *Applied electrical measurements* (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).
 Hough, B. K., *Basic soils engineering* (Ronald).
 Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).
 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)

(To be offered for the first time in 1967.)

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.****ELECTRICAL ENGINEERING COURSE (OLD)****THIRD YEAR**

(To be offered for the last time in 1967.)

SP02. Physics II.**SM12. Applied Mathematics II.**

For syllabuses see under Faculty of Science.

NE03. Electrical Engineering I.Pre-requisite subjects: Physics A (Engineering), *or* Physics I; and Mathematics I (Engineering) *or* Mathematics I.

Pre-requisite or concurrent subject: Applied Mathematics II.

This course introduces fundamental concepts in Electrical Engineering.

LECTURES: Three lectures a week throughout the year.**Electromagnetic Field Theory:** A physical and mathematical treatment of electrostatics, magnetostatics, stationary, quasi-stationary and varying fields leading to the integral and derivative forms of Maxwell's equations, with applications. Relationship between field and circuit theory.**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; semiconductor 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.

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:

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Harris, D. J., and Robson, P. N., *Vacuum and solid state electronics* (Pergamon).

Hayt, W. H., and Kemmerly, J. E., *Engineering circuit analysis* (McGraw-Hill).

Reference books:

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Ryder, J. D., *Electronic fundamentals and applications* (Pitman).

Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).

Balabanian, N., *Fundamentals of circuit theory* (Allyn and Bacon).

NE83. Vacation Course—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).

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.

For syllabus see under CHEMICAL ENGINEERING COURSE (OLD), THIRD YEAR.

NE04. Electrical Engineering II.

Pre-requisite subjects: Electrical Engineering I, Mathematics II (Engineering), or Applied Mathematics II.

LECTURES: Four lectures a week throughout the year.

(a) An elementary treatment of network theory, filters and transmission lines. 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.

(d) An introductory course on linear feedback control systems with special emphasis on frequency response 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 three hours a week, comprising a series of experiments and exercises.

Textbooks:

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Raven, F. H., *Automatic control engineering* (McGraw-Hill).

either

Ryder, J. D., *Electronic fundamentals and applications* (Pitman).

or

Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).

Reference books:

Ryder, J. D., *Networks, lines and fields* (Prentice-Hall).

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Hunter, L. P., (ed.), *Handbook of semiconductor electronics* (McGraw-Hill).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

Smith, S. P., *Problems in electrical engineering* (Constable).

Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system design*, vols. I and II (Wiley).

Majmudar, H., *Electromechanical energy converters* (Allyn and Bacon).

Additional reference may be given during the course.

NM73. Engineering Drawing and Design.

For syllabus see under CHEMICAL ENGINEERING COURSE (OLD), THIRD YEAR.

FIFTH YEAR

(To be offered for the last time in 1969.)

NE95. Electrical Engineering IIIA.

Pre-requisite subject: Electrical Engineering II.

Lectures: This course consists of five lectures a week throughout the year, covering the following topics:

Communication theory; switching theory; programming and structure of digital computers; analogue computers; advanced electronic devices and circuits; antennas and propagation; microwave engineering principles.

Text-book:

Hancock, J. C., *An introduction to the principles of communication theory* (McGraw-Hill).

Collin, R. E., *Foundations for microwave engineering* (McGraw-Hill).

Reference books:

Schwartz, M., *Information transmission, modulation and noise* (McGraw-Hill).

Bennett, W. R., *Electrical noise* (McGraw-Hill).

Black, H. S., *Modulation theory* (Van Nostrand).

- Caldwell, S., *Switching circuits and logical design* (Wiley).
 Hoernes, G. E., and Heilwel, M. F., *Introduction to boolean algebra and logic design* (McGraw-Hill).
 Braun, E. L., *Digital computer design* (Academic Press).
 Bartee, T. C., and others, *Theory and design of digital machines* (McGraw-Hill).
 Richards, R. K., *Arithmetic operations in digital computers* (Van Nostrand).
 Huskey, H. D., and Korn, G. A., (eds), *Computer handbook* (McGraw-Hill).
 Ledley, R. S., *Digital computation and control engineering* (McGraw-Hill).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Ginzton, E. L., *Microwave measurements* (McGraw-Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Hunter, L. P., (ed.), *Handbook of semiconductor electronics* (McGraw-Hill).

Additional references may be given during the course.

NE15. Electrical Engineering IIB.

Pre-requisite subject: Electrical Engineering 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:

- Holman, J. P., *Heat transfer* (McGraw-Hill).
 Storer, J. E., *Passive network synthesis* (McGraw-Hill).
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).

Reference books:

- Weinberg, L., *Network analysis and synthesis* (McGraw-Hill).
 Kuo, F. F., *Network analysis and synthesis* (Wiley).
 Beranek, L. L., *Acoustics* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 Eckert, E. R. G., and Drake, R. M., *Heat and mass transfer* (McGraw-Hill).
 Crary, S. B., *Power system stability*, vols. I and II (Wiley).
 Kimbark, E. W., *Power system stability*, vols. I, II and III (Wiley).
 Minorsky, N., *Nonlinear oscillations* (Van Nostrand).
 Kirchmayer, L. K., *Economic operations of power systems*, vol. I (Wiley).
 Westinghouse Electric Manufacturing Corporation, *Electrical transmission and distribution reference book*.

NE25. Electrical Engineering IIIC.

Pre-requisite subject: Electrical Engineering 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 1967.)

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 CHEMICAL ENGINEERING COURSE (OLD), THIRD 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

(To be offered for the first time in 1967.)

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.

MECHANICAL ENGINEERING COURSE (OLD)

THIRD YEAR

(To be offered for the last time in 1967.)

SM12. Applied Mathematics II.

For syllabus see under Faculty of Science.

NC73. Strength of Materials.**NM73. Engineering Drawing and Design.**

For syllabuses see under CHEMICAL ENGINEERING COURSE (OLD), THIRD YEAR.

NC83. Surveying A.**NC93. Survey Camp (First).**

For syllabuses see under CIVIL ENGINEERING COURSE (OLD), THIRD YEAR.

NE73. Electrical Engineering S.

For syllabus see under CHEMICAL ENGINEERING COURSE (OLD), FOURTH YEAR.

NM83. Production Technology.

Pre-requisite subjects: Graphics, Workshop Practice, and Materials Science or (former subject) Engineering Materials.

Pre-requisite or concurrent subject: Strength of Materials.

The course consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: An examination of the physical, chemical and metallurgical principles underlying the methods used for transforming raw material into manufactured parts; the flow and solidification of liquid metals; the theory of metal cutting and grinding, cutting fluids; the principles of fusion joining, thermal and residual stresses, distortion; production methods, jigs and fixtures, metrology and inspection.

Text-books:

Datsko, J., *Material properties and manufacturing processes* (Wiley).

Sachs, G., *Fundamentals of the working of metals* (Pergamon).

Reference books:

Moore, H. D., and Kibbey, D. R., *Manufacturing materials and processes* (Irwin).

Baker, H. Wright, *Modern workshop technology*, Vols. I and II (Cleaver-Hume).

Bolz, R. W., *Production processes: their influence on design*, Vols. I and II (Penton).

Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

Colvin, F. H., and Stanley, F. A., *Gear cutting practice* (McGraw-Hill).

Kent, W., *Mechanical engineers' handbook: design and production* (Wiley).

Ruddle, R. W., *The solidification of castings* (Institute of Metals).

Sacks, R. J., *Theory and practice of welding* (Van Nostrand).

Alexander, J. M., and Brewer, R. C., *Manufacturing properties of metals* (Van Nostrand).

FOURTH YEAR

(To be offered for the last time in 1968.)

Either

EE94. Economics (Engineering).

Or

SM94. Mathematics III (Engineering).

For syllabuses see under CIVIL ENGINEERING COURSE (OLD), FOURTH YEAR.

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; semiconductor and vacuum diodes; transistors and vacuum triodes; tetrodes and pentodes; gas tubes; equivalent circuit and graphical analyses; amplifier principles and performance.

Text-book:

- Harris, D. J., and Robson, P. N., *Vacuum and solid state electronics* (Pergamon).

Reference books:

- Ryder, J. D., *Electronic fundamentals and applications* (Pitman).
 Alley, C. L., and Atwood, K. W., *Electronic engineering* (Wiley).

NM04. Mechanical Engineering IA.

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., *Thermostatistics 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).
 Baird, 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).

NM14. Mechanical Engineering IB.

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).

Batelle Memorial Institute, *Prevention of failure of metals under repeated 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).
- Baird, 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; applied acoustics and noise control.

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).
Macduff, J. N., and Curreri, J. R., *Vibration control* (McGraw-Hill).
Burton, R., *Vibration and impact* (Addison-Wesley).
Tuplin, W. A., *Vibration in machinery* (Pitman).
Raven, F. H., *Automatic control engineering* (McGraw-Hill).
Eckman, D. P., *Automatic process control* (Wiley).
Harris, C. M., *Handbook of noise control* (McGraw-Hill).
Beranek, L. L., *Acoustics* (McGraw-Hill).
Beranek, L. L., *Noise reduction* (McGraw-Hill).
Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber and Faber).

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:
Rogowski, A. R., *Elements of internal combustion engines* (McGraw-Hill)
Lichty, L. C., *Internal combustion engines* (McGraw-Hill).
Purday, H. F. P., *Diesel engine design* (Constable).
Heldt, P. M., *High speed diesel engines* (Heldt).
Timoshenko, S., *Strength of materials*, Vols. 1 and 2 (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).
Roark, R. J., *Formulae for stress and strain* (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).
Frocht, M. M., *Photoelasticity* (Wiley).
Hendry, A. E., *Introduction to photoelasticity* (Blackie).
Merritt, H. E., *Gears* (Pitman).
Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).
Wilcock, D. F., and Booser, E. R., *Bearing design and application* (McGraw-Hill).
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 mid-December.

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-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* (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 for financial purposes.

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**

(To be offered for the first time in 1967.)

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.

INTERIM FIRST-YEAR SUBJECTS

NX61. Engineering IA.

Relevant portions of the syllabus for (NX01) Engineering I (See Schedules, clause 5(c)).

SO83. Chemistry IB.

The Organic section only of (SC01) Chemistry I. (See Schedules, clause 5(c)).

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 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 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*, 6th edition (O.U.P., 1958).

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).

* 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:

- Phillips, O. H., *Constitutional and administrative law*, 3rd edition (Sweet and Maxwell, 1962).
 Phillips, O. H., *Leading cases in constitutional law*, 2nd edition (Sweet and Maxwell, 1957).
Cases, materials and readings in constitutional law (Mimeographed case-book issued by the Law School).

Reference books:

- Blackmore, E. G., *The law of the constitution of South Australia* (S.A. Government Printer, 1894).
 Combe, G. D., *Responsible government in South Australia* (S.A. Government Printer, 1957).
 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* (O.U.P., 1936).
 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).
 Jennings, W. I., *The Queen's government* (Pelican).
 Jennings, W. I., and Young, C. M., *Constitutional laws of the Commonwealth*, 3rd edition (O.U.P., 1957).
 Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P., 1954).
 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* (S.A. Government Printer), and of the *Commonwealth Constitution* (incorporating the *Statute of Westminster Adoption Act, 1942*) (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).

Note: Students should purchase a copy of *Criminal Law Consolidation Act, 1935-66*, and the *Police Offences Act, 1953-1960* (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 Hocker, P. J., *Cases and materials on contract* (Law Book Co., 1966).

Reference books:

- Anson, W. R., *Principles of the English law of contract*, 22nd edition (O.U.P., 1964).
 Chitty, J., *Treatise on the law of contracts*, 22nd edition (Sweet and Maxwell, 1961).
 Treitel, G. H., *The law of contract*, 2nd edition (Stevens, 1966).
 Atiyah, P. S., *Introduction to the law of contract* (O.U.P., 1961).
 Wilson, J. F., *Principles of the law of contract* (Sweet and Maxwell, 1957).
 Smith, J. C., and Thomas, J. A. C., *Casebook on contract*, 3rd edition (Sweet and Maxwell, 1966).
 Williston, S., *Treatise on the law of contracts*, 3rd edition (Baker, Voorhis and Co., 1957).
 Corbin, A. L., *On contracts* (West, 1950).
 Stoljar, S. J., *Law of agency* (Sweet and Maxwell, 1961).
 Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).
 Fridman, G. H. L., *Law of agency* (Butterworth, 1960).

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*, 2nd 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).
 Williams, G. L., *Joint torts and contributory negligence* (Stevens, 1951).
 Wright, C. A., *Cases on the law of torts*, 3rd edition (Butterworth, 1963).
 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, and the general principles of personal property (including general principles of bailment).
 (b) Statutes: Law of Property Act, 1936-1945; Real Property Act, 1886-1945; 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.).
 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).
 Sawyer, 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 and executive 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*, 3rd edition (Pitman, 1963).
 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:

d'Entrèves, A. P., *Natural law* (Hutchinson's U.L., 1951).

Hospers, J., *An introduction to philosophical analysis* (Routledge and Kegan Paul, 1956).

Frank, Jerome, *Law and the modern mind* (Stevens, 1949).

Hohfeld, W. N., *Fundamental legal conceptions* (Yale U.P., 1923).

Hart, H. L. A., *Law, liberty and morality* (Stanford, 1963).

Guest, A. G. (ed.), *Oxford essays in jurisprudence* (O.U.P., 1961).

Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).

Lloyd, D., *Introduction to jurisprudence*, 2nd edition (Stevens, 1965).

Fuller, L. L., *The morality of law* (Yale U.P., 1964).

Austin, J., *The province of jurisprudence determined*, ed. by H. L. A. Hart (Weidenfeld & Nicolson, 1954).

Kelsen, H., *The general theory of law and state* (Harvard U.P., 1946).

Devlin, P., *The enforcement of morals* (O.U.P., 1965).

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).

Reference books:

Nicholas, J. K. B., *Introduction to Roman law* (O.U.P., 1962).

de Zulueta (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., 1964).
 Hunter, W. A., *Roman law* (Sweet and Maxwell, 1897).
 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).
 Sohm, R., *Institutes of Roman law*, 3rd edition (O.U.P., 1907).

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).

Reference books:

- Lauterpacht, H., *Recognition in international law* (C.U.P., 1948).
 O'Connell, D. P., *The law of state succession* (C.U.P., 1956).
 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. But students should provide themselves with the following works:

- 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).

Reference books:

- 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* (Little, Brown).
- 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*, 25th edition (Sweet and Maxwell, 1960).

Nathan, J. A., *Equity through the cases*, 4th edition (Stevens, 1961).

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.* (Butterworth, 1958).

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).

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, 1924-1960.

South Australian: *Sale of Goods Act*, 1895-1952.

Hire-Purchase Agreements Act, 1960-1962.

Bills of Sale Act, 1886-1940.

Mercantile Law Act, 1936.

The Partnership Act, 1891-1935.

Companies Act, 1962-1965.

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, 1966).
 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, *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).
 Sydney University Notes, *The new companies law* (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*, 1904-1964.
Industrial Code, 1920-1963.
Commonwealth Employees' Compensation Act, 1930-1962.
Local Government Act, 1934-1964, and Index
Workmen's Compensation Act, 1932-1963.

Reference books:

- Brett, P., *Cases on 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*, 3rd edition (Pitman, 1963).

- 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*, 4th edition, (Butterworth, 1962).
- 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*, 2nd edition (Butterworth, 1963).

Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan, 1948).

Phipson, S. L., *Manual of the law of evidence*, 8th edition (Sweet and Maxwell, 1959).

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.

Oggers, 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 be offered in 1967.

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 (or SP71 General Physics); SC01 Chemistry I; SZ71 Biology;
 and—

A fourth subject chosen from the first-year subjects available for the degrees of Bachelor of Arts or Bachelor of Science.

(For Syllabuses see under Arts or Science).

FIRST PROFESSIONAL EXAMINATION

SECOND YEAR

MA02. Anatomy.

GROSS AND NEURO ANATOMY: The course in Anatomy 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:

Gray, H., *Anatomy, descriptive and applied* (Longmans); or

Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or

Lockhart, R. D., Hamilton, G. E., and Fyffe, F. W., *Anatomy of the human body* (Faber and Faber).

Cunningham, D. J., *Manual of practical anatomy*, Vols. 1, 2 and 3 (O.U.P.).

The following books are recommended for further reading:

Abbie, A. A., *Principles of anatomy*, 3rd edition (Angus and Robertson).

Appleton, A. B., Hamilton, W. J., and Simon, G., *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, Talmage L., *The neuroanatomic basis for clinical neurology*, 2nd edition (McGraw-Hill).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

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, extending over three terms. 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:

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); together with:

Hamilton, W. J., and others, *Human embryology* (Heffer).

Ford, E. B., *Genetics for medical students*, 3rd edition (Methuen).

Recommended for further reading:

Arey, L. B., *Developmental anatomy*, 7th edition (Saunders).

Patten, B. M., *Human embryology*, 2nd edition (Blakiston).

Clark, W. E. Le Gros, *The tissues of the body*, 5th edition (O.U.P.).

Corner, G. W., *Ourselves unborn* (Yale U.P.).

Barclay, A. E., and others, *Foetal circulation and cardiovascular system, a synopsis for students* (Blackwell).

Smith, C. A., *The physiology of the newborn infant*, 3rd edition (Thomas)

Harrison, R. J., *Man the peculiar animal* (Pelican).

Auerbach, C., *Genetics in the atomic age* (Oliver and Boyd).

Harrison, R. G., *A textbook of human embryology* (Blackwell).

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.

Reference books:

Conn., E. J., and Stumpf, P. K., *Outlines of biochemistry* (Wiley).

White, A., Handler, P., and Smith, E. L., *Principles of biochemistry* (Wiley).

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).

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 autopsies in the mortuary of the Royal Adelaide Hospital.

Autopsies 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, London, 1965); 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, 1962).

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:

White, R. G., *Essentials of bacteriology* (Pitman Medical).

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

Ganong, 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:

Goth, A., *Medical pharmacology* (C. V. Mosby, 1964).

Goodman, L. S., and Gilman, A., *The pharmacological basis of therapeutics*, 3rd edition (Macmillan).

- Bland, J. H., *Clinical metabolism of body water and electrolytes* (Saunders, 1963).
 Cutting, W., *Handbook of pharmacology*, 2nd edition (Appleton).
 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* (Melbourne U.P., 1961).
 Jeffcoate, T. N. A., *Principles of gynaecology*, 2nd edition (Butterworth, 1962).
 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*, 12th edition by N. J. Eastman and L. M. Hellman (Appleton-Century Crofts, 1961).
 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-books:

- Ellis, R. W. B., *Disease in infancy and childhood* (Livingstone).
 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.

1. Medicine.

Text-book (fourth year):

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or

Houston, J. C., and others, *A short text-book of medicine* (English Universities Press).

Text-book (sixth year):

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, 1963).
 Sim, M., *Guide to psychiatry* (Livingstone).
 Mowbray, R. M., and Roger, T. F., *Psychology in relation to medicine* (Livingstone, 1963).
 Davis, D. R., *An introduction to psychopathology* (O.U.P., 1957).
 Mussen, P. H., Conger, J. J., and Kagan, J., *Child development and personality* (Harper and Row, 1963).

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., 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).
 Philips, 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 and demonstrations during the fifth year on the principles of anaesthetics; a course of instruction in the administration of anaesthetics and the care of the anaesthetized patient.

MM86. 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*.

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-books:

Hindemith, *Traditional harmony* (Schott).

Burnard, A., *Harmony and composition* (Angus and Robertson).

Reference books:

Hollinrake, *Foundations of harmony for class teaching* (Novello).

Lovelock, *First-year harmony* (Hammond).

Lovelock, *Second-year harmony* (Hammond).

Bairstow, *Counterpoint and harmony* (Macmillan).

Morris, R. O., *Foundations of practical harmony and counterpoint* (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 scalic 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, *Piano forte 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 a work submitted to, and approved by, the Dean of the Faculty of Music.
- d. Students will be required to present themselves for examination in the performance with orchestra of a concerto which has been submitted to, and approved 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 in Stimmen des 20 Jahrhunderts*, 3 vols., (Max Hesses Verlag) Berlin 1960.
- Sachs, C., *Real-Lexikon der Musikinstrumente* (Hildesheim Georg Olms Verlagsbuchhandlung).
- 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: One Paper (3 hours) and Viva Voce examination (1 hour).

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: One three-hour paper on each of (a) and (b), and in addition a Viva Voce examination based on recognition of style.

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 and Viva Voce.

UA41. Music in Education I.

The course directs attention to the scope and organisation of School Music; comparative methods and techniques and fundamental problems at Primary and Secondary levels.

CLASSES: Three periods of one hour each week throughout the academic year embracing lectures, tutorials, demonstrations and discussion.

SYLLABUS:

1. Introduction to the study of music in education.
2. Tonal and rhythmic development from pre-school to adolescence.
3. Introduction to music notation and music reading.
4. Music appreciation.
5. The development and training of the child voice.
6. Creative activities in music—including Carl Orff Schulwerk.
7. Lesson and curricula planning for primary and various types of secondary school.
8. Song teaching, repertoire; choir training .
9. Group instrumental activities—organisation, administration, instructional methods, inter-school activities.
10. Extra-curricular activities in music—festivals, concerts, opera, music camps, etc.
11. Aids in teaching—Use of radio, television, audio-visual equipment.

EXAMINATION: Two three-hour papers.

Text-books:

Great Britain: Education, Ministry of, *Primary Education* (H.M.S.O.)
 Shaw, W., *Musical education* (Hinrichsen).

Rainbow, *Handbook for music teachers* (Novello).
 Dykema and Cundiff, *School music handbook* (Summy Birchard Co.,
 Evanston, U.S.A.).

Reference books:

Fiske and Dobbs, *Oxford School Music Books*:
Teachers' Manuals: Infant; Beginners; Junior, vols. 1 and 2;
Senior, vols. 1 and 2 (O.U.P.).
 Winn, *Teaching music* (O.U.P.).
 Leonhard and House, *Foundations and principles of music education*
 (McGraw-Hill).
 Sur and Schuller, *Music education for teenagers* (Harper).

Periodicals:

The music teacher and piano student.
Music in education.
 Music Educators National Conference, *Journal*.

Additional requirement:

Practical Teaching and Observation Part I and II.

SYLLABUS: Spread over two years of the course for an aggregate of at least ten weeks there will be planned demonstration lessons, observation periods, discussions and teaching experience in various types of schools.

Candidates must lodge with the Dean of the Faculty of Music by the last day of October, complete analytical notes of teaching practice on which they will be examined in the final *viva voce*.

UA42. Music in Education II.

CLASSES: Three periods of one hour each week throughout the academic year.

SYLLABUS: Lectures and seminars on the fundamentals of psychology for the musician and teacher of music; changing perspectives in music in education; theory and practice in the administration of music in education.

1. The function of music in life and education.
2. Historical survey of music in education.
3. Comparative studies of music in education.
4. Supervision and administration of school music.
5. Musicality: influence of hereditary, environmental and educational opportunity for development; socio-economic factors in musical development.
6. Music for exceptional, retarded and physically-handicapped children.
7. The training of the teacher of music.
8. Music in adult education—direct and indirect contact.

EXAMINATION: Two three-hour papers .

Additional requirement: Practical Teaching and Observation Part I and II (as set out under Music in Education I).

Text-books:

Buck, *Psychology for musicians* (O.U.P.).
 Green, *Educational psychology* (P & H Paperback).
 National Society for the Study of Education, *Yearbook 1957, Basic concepts in music education* (University of Chicago).
 UNESCO, *Music in education; Reports of 1959, 1961 and 1963* (ISME Conferences).

Reference books:

Revesz, *Introduction to psychology of music* (Longman).
 Jeans, *Science and music* (O.U.P. Paperback).
 Hunter, *Memory, facts and fallacies* (Pelican).

Periodicals:

ISME Journal.
MENC Journal of Research in Music Education.

Principal Study I (UD01), II (UD02) and III (UD03),
and

Second Study I (UD11), II (UD12) and III (UD13).

A course of individual tuition throughout the year.

SYLLABUS.—Studies and works as prescribed each year.

EXAMINATION:

- (a) Each candidate will be required to perform the whole or any part of a list of works to be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.
- (b) Further, each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
- (c) Reading at sight.
- (d) Viva voce examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (of his instrument or vocal) of representative composers of the main periods of composition.

Drama I (UD51), II (UD52) and III (UD53).

These courses are not yet available.

Modern Languages I (UC11), II (UC12) and III (UC13).

Courses of studies in Italian, German and French languages designed to give the student of singing an experience suited to his particular requirements in modern languages.

- EXAMINATION: a. One one-hour paper.
b. Viva voce.

UD21. Practical Tests I.

SYLLABUS:

1. Aural: recognition of intervals, chords and progressions including dictation.
2. Keyboard: sight reading; keyboard harmony and transposition.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference book:

Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

UD22. Practical Tests II.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including vocal open scores with G and F clefs); sight singing; transposition; keyboard harmony and transposition.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

Lang, C. S., *Score reading exercises*, Book I (Novello).
Pilling, *Harmonisation of melodies at the keyboard*, Book I (Forsyth).
Lovelock, *Graded exercises in transposition* (Hammond).

UD23. Practical Tests III.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including open score with C clefs, and string quartet scores); more advanced harmony and improvising tests than for Practical Tests II.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

- Eldridge, C., *Exercises in playing from three-part score* (Novello).
 Lang, C. S., *Score reading exercises*, Book II (Novello).
 Pilling, *Harmonisation of melodies at the keyboard*, Book II (Forsyth).

Speech Training I (UD31) and II (UD32).

This course is divided into two parts, appropriate to the specific years of the diploma course for singing students.

The aims of the course of instruction are: (a) to provide training in good vocal production for speech; (b) to develop well-toned speech in harmony with a cultural background; (c) to develop poise, confidence and skill in ordinary social intercourse and in speaking to an audience; (d) to stir thought and imagination, to cultivate taste and judgment in literature, both written and spoken.

SYLLABUS.—Mechanics of speech; phonetics; prosody, gesture and mime; verse speaking and prose reading; historical knowledge of the authors of the works studied.

Reference books:

- Horner, A. M., *Speech training* (Black).
 Ward, Ida, *Phonetics of English* (Heffer).
 O'Donnell, Margaret, *Feet on the ground. An approach to modern verse* (Blackie).
 Storey, Barbara, *The way to good speech* (Nelson).

EXAMINATION:

- (a) Viva voce and practical examination in the works studied, with sight reading of verse and prose.
- (b) A short prepared speech on a given subject.
- (c) One two-hour paper or prescribed essays throughout the year.

UC21. Principles of Class Music Teaching I.

A survey of music education for primary grades, its aims and methods designed to equip the teacher for school music.

SYLLABUS:

Consideration is given to the development of the child at this age level and the course covers essential principles in the following areas:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; developing concepts of pitch; the Tonic Solfa and relative pitch; absolute pitch; major and minor modes; rhythm.
3. The use of notation for pitch and rhythm; music reading and dictation.
4. Music expression and appreciation.
5. Music making—through singing (unison and in harmony); improvisation and playing instruments.
6. Lesson planning.

EXAMINATION: One three-hour paper.

Text-books:

- Penrose, A. I.: *Method in the teaching of music in schools* (S.A. Education Department).
Winn, C., *Teaching music* (O.U.P.).

Reference books:

- Fiske, R., and Dobbs, J., *The Oxford school music book—junior and senior teacher's manuals* (O.U.P.).
Chamberlain, M., *Ear training* (O.U.P.).
MacPherson, S., and Read, E., *Aural culture* (Williams).
Winn, C., *Children singing* (O.U.P.).
Rainbow, B., *Music in the classroom* (Heinemann).

UC22. Principles of Class Music Teaching II.

The work is extended to cover essential principles, methods and materials for secondary level.

SYLLABUS:

1. The adolescent; class management.
2. Curricula and lesson planning.
3. Elements in musical experience and how to use them—singing, aural training, music appreciation, music reading, creative work.
4. Choir training and treatment of the adolescent voice.
5. Repertoire and aids—choral, instrumental, appreciation.
6. Organisation and administration, extra curricular activities in music.

EXAMINATION: One three-hour paper.

Text-books:

- Hooper, C., *Teaching music to classes* (Arnold).
Shaw, H. W., *Music in the secondary school* (Dobson).

Reference books:

- Mellalieu, *The boy's changing voice* (O.U.P.).
McKenzie, *Training the boy's changing voice* (Rutgers).
Ehret, *The choral conductor's handbook* (Augener).
Fishburn, *Fundamentals of music appreciation* (Longmans).
Scholes, *Music, the child and the masterpiece* (O.U.P.).
Sur and Schuller, *Music for teenagers*.
National Council of Social Service, *Youth makes music*.
Periodical: *Music educator's national conference journal*.

UC23. Principles of Class Music Teaching III.

SYLLABUS:

1. Philosophy: School music aims and objects.
2. Investigation and application of psychology to school music teaching.
Musical Aptitude.
Memory.
Executant Factors.
3. Training the musician and teacher.
4. Comparative methods in music education.
5. Organisation and administration of instrumental programme in schools
6. Music supervision.
7. Music education in society.

EXAMINATION: One three-hour paper.

Text-books:

- Unesco, *Music in education* (U.N.E.S.C.O.).
- Shaw, H. W., *Musical education* (Hinrichsen).
- Mursell, J. L., and Glenn, M., *The psychology of school music teaching* (Silver Burdett).

Reference books:

- Buck, P. C., *Psychology for musicians* (O.U.P.).
- Oxford companion to music* (references to articles provided) (O.U.P.).
- Ann Arbor Microfilm Library Publications, *Elder Conservatorium library*.

Periodicals:

- The school music teacher*.
- MENC journal of research in music education*.

The Scope of School Music I (UC31), II (UC32) and III (UC33).

SYLLABUS.—This subject covers the essential features of the teacher's equipment in school music teaching. It is many-sided, yet the main object is to build the teacher's power and capacity in the awakening of the school student's interest in music, and the development of his imaginative receptiveness and his appreciation.

The subject is divided into three parts, each applicable to a definite period of the school years, the primary school, the middle school, and the secondary school.

The aspects of study include:

- (a) Musical appreciation—the training of the child mind as an intelligent listener, the cultivation of his imaginative faculty and his power of observation, the building of the child's capacity to discriminate and enjoy.
- (b) Creative work.
- (c) Study of the families of the classical orchestra and orchestral scores, and school orchestra technique and instrumentation.
- (d) Conducting as applied to school choir and school orchestra.
- (e) Keyboard facility—practical harmony, transposition, improvisation, the art of accompanying.
- (f) Repertoire—material (song and instrumental) suitable for class instruction.
- (g) The use of leisure—music clubs, gramophone.
- (h) Methods of teaching—the application of psychological principles to methods of teaching with special reference to the class teaching of music for school children.

Throughout the course the instruction is under the guidance of one lecturer, but special groups of lectures are given by specialist teachers in the various aspects of the work.

EXAMINATION: Viva voce examination, in addition to one three-hour paper.

Ensemble Playing I (UD42) and II (UD43).

SYLLABUS: The study of prescribed works and attendance at a practical class for instruction throughout the year.

EXAMINATION: The performance of a work submitted to and approved by the Dean of the Faculty of Music.

UC71. Historical Studies.

The course comprises two sections:

A. Form:

SYLLABUS: Structure and analysis.

B. History of Music:

SYLLABUS: Outline of European Musical History from the Middle Ages to the present day.

Prescribed works:

- Victoria, *O quam gloriosum* (motet).
 Weelkes, *As Vesta was from Latmos Hill descending*.
 Dowland, *In darkness let me dwell*.
 Byrd, *The carman's whistle variations*
 Bach, *Prelude and fugue in D minor* (Book 1 of the 48).
 Bach, *St. Matthew passion* (Selected movements: Elgar-Atkins edition).
 Haydn, *String Quartet Op. 76 in D minor: slow movement*.
 Mozart, *Pianoforte concerto in A major K488: 1st movement*.
 Mozart, *Marriage of Figaro: "Letter" scene* (Boosey and Hawkes).
 Beethoven, *Symphony No. 3 in E flat major "Eroica" Finale*.
 Brahms, *Selections from opus 76*.
 Wagner, *Siegfried Idyll*.
 Vaughan Williams, *Fantasia on a theme by Thomas Tallis*.

Recommended preliminary reading:

- Einstein, *A short history of music* (Cassell).
 Westrup, *An introduction to musical history* (Hutchinson).

Text-books:

- Miller, H. M., *History of music* (College Outline Series: Barnes and Noble).

Reference books:

- Colles, *The growth of music, 3rd edition*, (O.U.P. 1956).
 Grout, *A history of western music* (Dent).
 Harman and Mellers, *Man and his music* (Barrie and Rockliff).
 Lang, *Music in western civilisation* (Dent).

EXAMINATION: Two three-hour papers:

1. Form;
2. History of Music.

UD72. Accompanying.

A course of work designed to give students of the Pianoforte School experience in the art of accompanying. The literature studied will be mainly drawn from vocal writing of the eighteenth and nineteenth centuries.

EXAMINATION: Candidates will be required to accompany in the performance of several works.

UC73. Literature of Music.

SYLLABUS: A study of the history and literature of music of the candidate's own instrument, or, in the case of students in the Vocal School, vocal music.

EXAMINATION: One three-hour paper.

UD73. Concerto.

1. Instrumental School—Diploma students will be required to present themselves for examination, in the third year of the course, in the performance of a concerto with orchestra.

2. Vocal School—Diploma students will be required to present themselves for examination in the third year of the course in the performance of a work (cycle, opera or oratorio scene) with orchestra or chamber music group of players.

In each case the work to be performed must be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term.

UC83. Methods of Teaching.

SYLLABUS: A course of work designed to cover the principles and practice of the teaching of music.

EXAMINATION: In addition to the examination in Chief Practical Study III candidates will be required:

1. to present a programme suitable for teaching purposes;
2. to discuss the fundamental principles of the technique of their own instrument (or voice); and
3. to show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

UC93. Musical Criticism and Aesthetics.

EXAMINATION: One three-hour paper.

Reference books:

Tovey, *Musical textures* (O.U.P.).

Tovey, *The integrity of music* (O.U.P.).

Graf, M., *Composer and critic* (Chapman and Hall).

Demuth, N., *Anthology and musical criticism* (Eyre and Spottiswoode).

Howes, F., *Man, mind, and music* (Secker and Warburg).

Seashore, *In search of beauty in music* (Ronald Press).

Newman, *From the world of music* (Calder).

THE HONOURS DEGREE OF BACHELOR OF MUSIC.

One of Composition IV (UA99), Chief Practical Study IV (UB99), Musicology IV (UA89), Music in Education III (UA79).

In addition:

UX99. Honours Exercise or Thesis.

As determined or approved by the Faculty of Music in each case.

UA99. Composition IV.

EXAMINATIONS:

1. Harmony—One six-hour paper. A complete continuo realisation (e.g. a Bach Cantata movement).
2. Orchestral project: The scoring for full orchestra of a specified movement.
3. *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.

THIRD EXAMINATION.

FF03. Botany and Pharmacognosy.

This course consists of two and a half hours a week in lectures, lecture-demonstration and practical work.

The classification of the plant kingdom with special reference to the production and distribution of their economic products; the crude drugs of animal and vegetable origin which are in common use; the chemistry of the active constituents of these drugs, their botanical and geographical sources and physical characteristics; the collection and preparation of drugs for the market; the recognition of genuine drugs and possible sophistication; the microscopical examination and evaluation of drugs.

Text-books:

Ramstad, E., *Modern pharmacognosy* (McGraw-Hill).

Trease, G. E., *A text-book on pharmacognosy* (Baillière, Tindall and Cox).

PHARMACY II.

This subject comprises the following three units:

FF13. Commercial Pharmacy.

This course consists of one lecture a week and includes: the legal aspects of pharmacy management; an introduction to the economic basis of pharmacy and to taxation and contribution to social services based on personal income; the elements of pharmaceutical statistics with particular attention to Commonwealth legislation dealing with social security.

Text-book:

Goldberg, L., and Hill, V. R., *The elements of accounting* (Melbourne University Press).

FF23. Practical Pharmacy, Volumetric Analysis and Drug Assay II.

This course consists of one and a half hours lectures and three hours practical a week.

The principles underlying the methods of extraction of crude drugs, animal tissues and body fluids, the isolation, purification and formulation of the active constituents, unit operations of pharmaceutical importance; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

Text-books:

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

FF33. Practical Experience.

The requirements for registration as a pharmaceutical chemist include the serving of a four-year apprenticeship. Candidates for the Diploma are required to present to the Board of Studies evidence, which has been certified as correct by the Pharmacy Board, of having:

(i) Completed not less than 4,000 hours of experience in a pharmacy in work appropriate to their course of studies.

(ii) Complied with the requirements of The Pharmacy Act in respect to the manufacture of preparations included in the *British Pharmacopoeia* and the *British Pharmaceutical Codex* and the dispensing of prescriptions.

These exercises are normally completed during the second and third years of study.

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 Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

Reference books:

Martindale, W. H., *The extra pharmacopoeia*, Vols. I and II (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, 1959).
- Gardiner, M. Dena, *The principles of exercise therapy* (Bell, 1953).
- 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* (Saunders, 6th edition, 1964).
- 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, 1958).
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, 1954).
 Wells, K. F., *Kinesiology* (Saunders, 3rd edition, 1961).
 Kranz, L. G., *Manual of kinesiology*, ed. C. W. Thompson (Mosby, 5th edition).

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. With each system a brief account of its evolution is given and some aspects of its pathology are discussed in so far as these can be simply related to the normal. Following after the skin these lectures deal with the skeleton and joints, the muscular and nervous systems, the sense receptors, the circulatory and respiratory systems, the alimentary tract and associated organs,

the excretory system and the ductless glands: the last system discussed is that concerned with reproduction and this leads to an account of the embryological development and growth of the body and the normal and abnormal growth of tissues. Then heredity and environment are considered as factors concerned in normal development and in the production of disease. Lastly, bacteria, viruses and zool parasites of man are briefly discussed and their effects on normal bodily function considered.

In general, the course is designed to serve as an introduction to biological science for students with little or no previous knowledge of the subject. The main emphasis is on the normal anatomy and physiology of man placed in his proper zoological perspective.

Text-books:

De Coursey, R. M., *The human organism* (McGraw-Hill); or
Gowland, W. P., and Cairney, J., *Anatomy and physiology for nurses* (Peryer).

Books for reference and further reading:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).
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* (Livingstone, 5th edition, 1965).
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 (Wright).

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., 1930).
 Rice, E. A., *Brief history of physical education* (Barnes, 1929).
 Williams, J. F., *Principles of physical education* (Saunders, 1938).
 Jacks, L. P., *Education of the whole man* (U.L.P., 1931).
 Jacks, L. P., *Education through recreation* (U.L.P., 1932).
 Jacks, M. L., *Physical education* (Nelson, 1938).
 Smithells, Philip A., *Atlantic gap* (1948).
 British Medical Association, *Report of the Physical Education Committee* (1936).
 Randall, M. W., *Modern ideas on physical education* (Bell, 1952).
 McIntosh, P. C., *Physical education in England since 1800* (Bell, 1953).
 Munrow, A. D., *Pure and applied gymnastics* (Arnold, 1955).
 McIntosh, P. C., and others, *Landmarks in the history of physical education* (Routledge and Kegan Paul).
 Randall, M. W., and Waine, W. K., *Objectives of the physical education lesson* (Bell, 1955).
 Birmingham University, Physical education department, *Britain in the world of sport* (1956).
 Natan, A., *Sport and society* (Bowes, 1958).
 Smithells, P. A., and Cameron, P. E., *Principles of evaluation in physical education* (Harper, 1962).
 Karpovich, P. V., *Physiology of muscular activity*, 5th edition (Saunders, 1959).
 Johnson, W. R., *Science and medicine of exercise and sports* (Harper, 1960).
 Bunn, J. W., *Scientific principles of coaching* (Prentice Hall, 1954).
Colloquium on exercise and fitness (Athletic Institute, 1960).
Health and fitness in the modern world (Athletic Institute, Chicago, 1961).
 Rasch, P. J., and Burke, R. K., *Kinesiology and applied anatomy* (Lea and Febiger, 1963).

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:

- Gardner, E., *Fundamentals of neurology*, 4th edition (Saunders, 1963).
 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).

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* (Longmans); or
 Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall); or
 Guyton, A. C., *Function of the human body*, 2nd edition (Saunders, 1964).
 Morehouse, L. E., and Miller, A. T., *Physiology of exercise*, 4th edition (Mosby, 1963).

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.

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.

HISTOLOGY AND EMBRYOLOGY.—A course of lectures, demonstrations and practical classes extending over three terms.

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* (Faber).

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; heart and vessels; respiration; essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; central nervous system and essentials of nerve and muscle physiology.

Text-books:

- Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall); or
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.

Ten lectures on the theory of massage manipulations, passive joint mobilisation and treatments; their effects and uses; description of general massage, and of that used for certain surgical conditions, and contra-indications.

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, 1956).
Jacobson, E., *Anxiety and tension control* (Lippincott).
Fink, D. H., *Release from nervous tension* (Unwin).
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, 1958).
Castiglioni, A., *A history of medicine* (Alfred A. Knopf, New York, 1941).
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.

Relaxation; co-ordination; 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, reflexes; fundamental starting positions.

Text-book:

Gardiner, M. Dena, *The principles of exercise therapy*.

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* (Hoeber).

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. Conditions particularly affecting children.

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, 1964).
 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).
 Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses*, 5th edition (Livingstone).
 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).
 Cyriax, J. H., *Disc lesions* (Cassell).
 Read, G. D., *Childbirth without fear* (Heinemann).
 Powell, M., *Orthopaedic nursing*, 5th edition, (Livingstone 1965).
 Colson, J. H., *Rehabilitation of the injured* (Cassell).
 Jones, Sir R. Watson, *Fractures and other bone and joint injuries* (Livingstone).
 De Lorme, T. L., *Progressive resistance exercise* (Appleton-Century-Crofts, 1951).
 Stoddard, A., *Manual of osteopathic technique* (Hutchinson, 1959).
 Vellay, P., *Childbirth without pain* (Hutchinson, 1959).
 Parry, C. B. Wynn, *Rehabilitation of the hand* (Butterworth, 1958).
 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, 1965).
 Kiernander, B., *Physical medicine in pediatrics* (Butterworth, 1965).
 Lake, N. C., *The foot*, 4th edition (Ballière, Tindall and Cox, 1952).

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* (Henry Kimpton).
 Steindler, Arthur, *Kinesiology* (Chas. C. 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; kinaestotherapy* (Davis).
 Brunnstrom, S., *Clinical kinaesiology* (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 hour's 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.

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*.
 Kovacs, R., *Electric therapy and light therapy* (Kempston).
 Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).
 Licht, S. H., *Therapeutic heat* (Elizabeth Licht, 1958).
 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, 1956).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 Knudsen, K. A., *Text-book of gymnastics* (Churchill).
 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, 1953).
 Buchwald, Edith, *Physical rehabilitation for daily living* (McGraw-Hill 1952).
 Bartholomew, A. E., *The treatment of gravitational ulcers by physiotherapy* (London, Facsimile Letter Press, 1953).
 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, 1965).
 Foley, William T., and Irving, S. W., *Colour atlas and management of vascular disease* (Appleton-Century-Crofts).
 Kersley, G. D., *The rheumatic diseases* (Heinemann, 1962).
 Ebner, M., *Connective tissue massage* (Livingstone, 1962).
 Licht, S. H., *Massage manipulation and traction* (E. Licht, 1960).

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 facilitation and its

application to pathological conditions. Discussion of various methods of treating cerebral palsy.

Reference books:

- Maitland, G. D., *Vertebral manipulation* (Butterworth, 1964).
 Gesell, A., Gesell, L., and Armatruda, C. S., *Developmental diagnosis* (Hoeber, 1948).
 Gesell, A., Gesell, L., and Armatruda, C. S., *The embryology of behaviour* (Harper, 1945).
 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.

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	Mathematical Physics F
Botany B	Mathematics M
Chemistry: see Physical and Inorganic Chemistry; Organic Chemistry	Microbiology K
Computing Science A	Organic Chemistry (for subjects, see under Chemistry) ... O
Economic Geology E	Physical and Inorganic Chemistry (for subjects, see under Chemistry) C
Genetics J	Physics P
Geology and Mineralogy ... G	Physiology: see Human Physiology and Pharmacology.
Human Physiology and Pharmacology (for subjects, see under Physiology) S	Zoology Z

The first digit

- 0-6: Indicates that the subject is in sequence with another subject.
- 7-9: Indicates that the subject is not in sequence with another subject.

The second digit

- 1, 2, 3: Indicates year of subject, e.g. first, second or third.
- 4: Indicates subject of Course A or Course B for the Diploma in Computing Science.
- [5-6: Not used.]
- 8: Indicates subject taken by intending Honours student before the Honours year.
- 9: Honours.

NOTE: Some subjects for the degree of B.Sc. are taught by Departments of other Faculties. In the syllabus numbers of those subjects the two digits do not necessarily have the significance shown in the Faculty of Science table above.

The subjects are:

WA02 Agriculture I	AY23 Psychology II (S)
AJ83 Geography IIC	WB13 Soil Science I
MA13 Histology	WB73 Soil Science IA
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 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 also a satisfactory 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 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 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).

White, A., Handler, P., and Smith, E. L., *Principles of biochemistry*, 3rd edition (McGraw-Hill).

SY03. Biochemistry II.

Pre-requisite subjects: Division I pass or higher in Biochemistry I (SY02). Students wishing to have advice on which accompanying subjects are suitable should consult the Professor of Biochemistry.

A course of three lectures, one tutorial and at least ten hours of practical work a week, dealing with the following topics:

Synthesis, structure and physical chemistry of proteins extending to enzyme structure, kinetics, mechanism of action and control. Structure, synthesis and function of nucleic acids; biochemistry of gene action; viruses; biochemistry of cell division; biochemical control mechanisms; hormone action; membranes and biological transport; animal, plant and microbial metabolism.

The practical work will be related to these topics.

Reference books:

White, A., Handler, P., and Smith, E. M., *Principles of biochemistry*, 3rd edition (McGraw-Hill) is recommended as a general text-book.

Mahler, H. R., and Cordes, E. H., *Biological chemistry* (Harper and Row) is an advanced text-book recommended for more specialised reading.

Most of the reading matter of the course consists of reviews or original literature, the references to which will be given in the lectures.

SY99. Biochemistry for the Honours Degree of B.Sc.

Pre-requisite subject: Biochemistry II (SY03).

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 in January 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.

LECTURES.—A course of two lectures a week throughout the year dealing with the following: Outline of the morphology, reproduction, anatomy and possible evolutionary trends of the main phyla of plants; elementary morphology, anatomy and physiology of the angiosperms; introduction to the classification of plants with special reference to local angiosperms and including elements of floral biology and ecology; elementary genetics, cytology and evolution (see syllabus for Genetics).

PRACTICAL WORK for the above course comprises two periods a week throughout the year.

TUTORIALS.—One hour a fortnight (included in the Lecture/Practical timetable).

FIELD WORK.—Two full-day excursions will be held on Saturdays during the year:

- (1) *Primitive Plants*—During latter part of 1st Term or early 2nd Term. Date to be arranged.
- (2) *Plant Ecology and Taxonomy*—Early in 3rd Term.

Text-book:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science*, 3rd edition (Wiley, New York; Chapman and Hall, London).

Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts 1-4 (Government Printer, Adelaide).

Reference books:

- Priestley, J. H., and Scott, L. I., *Introduction to botany* (Longmans).
 Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

Biology.

For Biology (SZ71), which is given jointly by the Department 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 5 days during the first week of the August vacation; several half-day excursions during second and third terms.

A. *Plant Physiology*: Cell structure; water relations; permeability; translocation; growth and growth substances.

Text-book:

Stafford, G. A., *Essentials of plant physiology* (Heinemann, 1965).

Reference books:

- Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).
 Esau, K., *Anatomy of seed plants* (Wiley).
 Fogg, G. E., *The growth of plants* (Pelican).

B. *Plant Ecology*: principles and practice of plant ecology; ecological anatomy; biostatistics.

Text-book:

Greig-Smith, P., *Quantitative plant ecology*, 2nd edition (Butterworths, 1964).

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:

- Davis, P. H., and Cullen, J., *The identification of flowering plant families* (Oliver and Boyd, 1965).
 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, 1964).

Reference books:

- Rendle, A. B., *Classification of flowering plants*, vol 2, *Dicotyledons* (C.U.P.).
 Eichler, H., *Supplement to J. M. Black, Flora of South Australia*, vols. 1-4 (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.).

SB03. Botany III.

Pre-requisite subjects: Chemistry I (SC01), and Botany II (SB02) at Division I or higher standard.

The course comprises three lectures and three practical periods (11 hours) a week throughout the year. It is divided into parts as under:

Field work: Field trips are normally held in conjunction with the Phycology course (first term vacation—four days) and Plant Biochemistry course (second term vacation—four days).

A. *Comparative morphology and phylogeny of non-vascular plants:* This course comprises two periods a week for one term in Mycology and one period a week for two terms in Phycology, approximately half of which is project work.

Text-books:

Mycology: Alexopolous, C. J., *Introductory mycology* (Wiley).
Phycology: Dawson, E. Y., *Marine Botany* (Holt, Rinehart and Winston, 1966).

Reference books:

Mycology: Ainsworth, G. C., and Bisley, G. R., *A dictionary of the fungi*, 5th edition (Imperial Mycological Institute, 1961).
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).

B.1. *Comparative morphology of vascular plants:* This course comprises two periods a week for one term and is an alternative to course B.2.

Text-book:

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

Reference books:

Sporne, K. R., *The morphology of Pteridophytes* (Hutchinson, 1962).
Sporne, K. R., *The morphology of Gymnosperms* (Hutchinson, 1965).

B.2. *Environmental physiology and ecology:* an advanced course in water relationships (the individual and community), growth and productivity, and quantitative ecology. Alternative to course B.1.

Reference books:

To be notified.

C. *Plant Biochemistry:* 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., Giovanelli, J., and Ap Rees, T., *Plant Biochemistry* (Blackwell).

SB99. Botany for the Honours Degree of B.Sc.

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 both Physical and Inorganic Chemistry III and Organic Chemistry III are advised to take the following combination of subjects: *First Year*, Chemistry I, General Physics or Physics I, General Mathematics or Mathematics IS or Mathematics I, and either Biology or Geology I; *Second Year*, Physical and Inorganic Chemistry II, Organic Chemistry II and either Biochemistry I or Applied Mathematics II; *Third Year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

Students intending to take one of Physical and Inorganic Chemistry III and Organic Chemistry III are advised that the following combinations of third year subjects are also recommended:

Physical and Inorganic Chemistry III and Biochemistry II or Pure Mathematics III or Applied Mathematics III or Physics III.

Organic Chemistry III and Biochemistry II.

Other combinations of third year subjects are possible, but before proceeding with such combinations students are advised to consult the appropriate Head of Department.

Students are asked to take note of the pre-requisites for second and third-year subjects when planning their course. Attention is also directed to the pre-requisites for Honours in Physical and Inorganic Chemistry and for Honours in Organic Chemistry.

PHYSICAL AND INORGANIC CHEMISTRY

SC01. Chemistry I.

The course, which is given annually, 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:

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).

Ryschkevitch, G. E., *Chemical bonding and the geometry of molecules* (Reinhold).

SC02. Physical and Inorganic Chemistry II.

Pre-requisite subjects: General Physics (SP71) or Physics I (SP01), General Mathematics (SM81) or Mathematics IS (SM71) or Mathematics I (SM01) and a Division I pass or higher in Chemistry I (SC01).

The course, which is given annually, 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).
 Herzberg, G., *Atomic spectra and atomic structure* (Dover).
 Gray, H. B., *Electrons and chemical bonding* (Benjamin).

Reference books:

- Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).
 Dodd, R. E., *Chemical spectroscopy* (Elsevier).
 Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).
 Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
 Mahan, B. H., *Elementary chemical thermodynamics* (Benjamin).

SC03. Physical and Inorganic Chemistry III.

Pre-requisite subjects: A Division I pass, or higher, in Physical and Inorganic Chemistry II (SC02).

The course, which is given annually, consists of three lectures and at least twelve hours practical work each week throughout the three terms of the year.

The lectures deal with theoretical chemistry including an introduction to wave mechanics; molecular structure; molecular spectroscopy; electrochemistry; an introduction to statistical thermodynamics; chemistry of the solid state; reaction kinetics; macromolecular chemistry; the application of the principles of molecular structure, bonding, thermodynamics and reaction kinetics to modern problems in inorganic chemistry.

The practical work will include physical chemistry and the synthesis of inorganic molecules with the investigation and interpretation of their properties.

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.).
 Frost, A. A., and Pearson, R. G., *Kinetics and mechanism*, 2nd edition (Wiley).
 Hanna, M. W., *Quantum mechanics in chemistry* (Benjamin).
 James, R. W., *X-Ray crystallography* (Methuen).
 Dodd, R. E., *Chemical spectroscopy* (Elsevier).
 Wheatley, P., *Determination of molecular structure* (O.U.P.), or
 Brand, J. C. D., and Speakman, J. C., *Molecular structure* (Arnold).
 Gray, H. B., *Electrons and chemical bonding* (Benjamin).
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).
 Orgel, L. E., *An introduction to transition metal chemistry* (Methuen).
 Sykes, A. Q., *Kinetics of inorganic reactions* (Pergamon).

Reference books:

- Walker, S., and Straw, H., *Spectroscopy*, Vols. 1 and 2 (Chapman and Hall).
- Azaroff, L. V., *Introduction to solids* (McGraw-Hill).
- Garner, W. E., *Chemistry of the solid state* (Butterworths).
- Tanford, C., *Physical chemistry of macromolecules* (Wiley).
- Wells, A. F., *Structural inorganic chemistry*, 3rd edition (O.U.P.).
- Basolo, F., and Pearson, R. G., *Mechanisms of inorganic reactions* (Wiley).
- Findlay, A., and Kitchener, J. A., *Practical physical chemistry* (Longmans).
- Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).
- Vogel, A. I., *Textbook of quantitative inorganic analysis*, 3rd edition (Longmans).
- Bunn, C. W., *Chemical crystallography* (O.U.P.).
- Roberts, J. D., *Notes on molecular orbital calculations* (Benjamin).

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, which is given annually, 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
- MacKenzie, C. A., *Unified organic chemistry*, International Student Reprint (Harper and Row); or
- Finer, I. L., *Organic chemistry*, Vol. I, 4th edition (Longmans).

Reference books:

- Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).
- Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).

SC22. Chemistry IIA.

Pre-requisite subject: A pass in Chemistry IA.

A course of general chemistry available to students in the Faculty of Engineering and the Faculty of Technology and Applied Science.

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).
 Ryschkeiwitsch, G. E., *Chemical bonding and the geometry of molecules* (Reinhold).

SC99. Physical and Inorganic Chemistry for the Honours degree of B.Sc.

Pre-requisite subjects: Physical and Inorganic Chemistry III (SC03) and Organic Chemistry III (SO03) or Biochemistry II (SY03) or Pure Mathematics III (SM03) or Applied Mathematics III (SM13) or Physics III (SP03) or Mathematical Physics A (SF03) or Geology III (SG03), or such other third-year subject as may be approved by the Faculty on the recommendation of the Head of the Department of Physical and Inorganic Chemistry.

The course, which is given annually, will include lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in Organic Chemistry, Mathematics and Physics 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.

Text-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.

S002. 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:

- Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin).
 Sykes, P., *A guidebook to mechanism in organic chemistry* (Longmans).
 Vogel, A. I., *Practical organic chemistry*, 3rd edition (Longmans).

[Students who do not intend to proceed to Organic Chemistry III may replace Roberts, J. D. and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin) by Morrison, R. T., and Boyd, R. N., *Organic Chemistry*, 2nd edition (Allyn and Bacon).]

SO03. Organic Chemistry III.

Pre-requisite subject: A Division I pass, or higher, in Organic Chemistry II (SO02). Students are also recommended to have taken Physical and Inorganic Chemistry II (SC02).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with the electronic theory of organic chemistry and its application to the mechanisms of organic reactions; photochemistry; the chemistry of organic free radicals; the chemistry of heterocyclic compounds, including natural products; the mechanism and stereochemistry of aliphatic and alicyclic compounds including terpenes and steroids; synthetic methods; the theory and applications in organic chemistry of physico-chemical methods.

Text-books:

- Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin).
 Dyer, J. R., *Application of absorption spectroscopy of organic compounds* (Prentice-Hall); or
 Vogel, A. I., *Practical organic chemistry*, 3rd edition (Longmans).
 Clarke, H. T., *A handbook of organic analysis* (Arnold).

Reference books:

- Acheson, R. M., *An introduction to the chemistry of heterocyclic compounds* (Interscience).
 Eliel, E. L., *Stereochemistry of carbon compounds* (McGraw-Hill).
 Gould, E. S., *Mechanism and structure in organic chemistry* (Holt).
 Streitwieser, A., Jr., *Molecular orbital theory for organic chemistry* (Wiley).
 Budzikiewicz, H., Djerassi, C., and Williams, D. H., *Interpretation of mass spectra of organic compounds* (Holden Day).
 House, H. O., *Modern synthetic reactions* (Benjamin).
 Mislow, K., *Introduction to stereochemistry* (Benjamin).

SO99. Organic Chemistry for the Honours degree of B.Sc.

Pre-requisite subjects: Physical and Inorganic Chemistry III (SC03) and Organic Chemistry III (SO03), or Organic Chemistry III (SO03) and Biochemistry II (SY03) or Organic Chemistry III (SO03) and such other third-year subject as may be approved by the Faculty on the recommendation of 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 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 Organic Chemistry Department staff.

Students will be required to satisfy the Professor that they have a reading knowledge of German.

Text-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.

ADDITIONAL SUBJECTS.

SO83. Chemistry IB.

SO13. Chemistry IIB.

For syllabuses see under Faculty of Engineering.

SO73. Organic Chemistry IIA.

For syllabus see under Faculty of Technology and Applied Science.

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.

Text-books: Appropriate programming manuals.

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 matrix and eigenvalue calculations, numerical approximations, solution of ordinary and partial differential equations, statistical calculations, network analysis and Monte Carlo methods.

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).
 Bartec, T. C., Lebon, 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.

Text-books:

- Gregory, R. H., and van Horn, R. L., *Automatic data processing systems* (Chatto and Windus).
 Ginsburg, S., *An introduction to mathematical machine theory* (Addison Wesley).

Reference books:

- 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).

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:

Grabbe, E. M., Ramo, S., and Wooldridge, D. E., *Handbook of automation, computation and control*, Vols. 1 and 2 (Wiley).

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.

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* (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., *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).
 Lewis, K. R., and John, B. R., *Chromosome marker* (Churchill).
 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).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism*, 2nd edition (Wiley).
 Whitehouse, H. L. K., *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* (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* (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 Botany I and Zoology I.

About eight lectures and practical classes, as part of Zoology I (SZ01) and Botany I (SB01) 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 Botany II and 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 two 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; one hour a week in tutorial 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:

Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*, 2nd edition (Freeman, 1959); or

Read, H. H., and Watson, J., *Introduction to Geology*, vol. I (Macmillan, 1962). (Recommended for students who intend to proceed to Geology II.)

Reference books:

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by Hurlbut, C. S. (Wiley, 1959).

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).

Leet, L. D., and Judson, S., *Physical geology*, 3rd edition (Prentice-Hall, 1965).

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; the principles of x-ray diffraction and structure determination; the fourteen Bravais lattices.

Mineralogy: Principles of structural mineralogy and a systematic study of the more important groups; the theory of optical mineralogy.

Petrology: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary; 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 of Australia.

Palaentology: Nature of organic remains; palaentological methods; the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Not less than six hours a week.

Crystallography: Symmetry of crystals and lattices; structure determination.

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; techniques of sedimentary petrology.

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).

Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill); or

Deer, W. A., Howie, R. A., and Zussman, J., *An introduction to the rock-forming minerals* (Longmans, 1966).

Claessner, M. F., and Parkin, L. W. (ed.), *Geology of South Australia* (M.U.P., 1958).

Huang, W. T., *Petrology* (McGraw-Hill, 1962).

Hills, E. S., *Elements of structural geology* (Methuen, 1963).

Beerbower, J. R., *Search for the past* (Prentice-Hall, 1960).

*Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).

*Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).

*Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).

Reference books:

David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

Phillips, F. C., *Introduction to crystallography*, 3rd edition (Longmans, 1963).

Williams, Howel, and others, *Petrography* (Freeman).

Evans, R. C., *Introduction to crystal chemistry*, 2nd edition (C.U.P., 1964).

McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).

Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).

Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).

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).

Hartshorne, N. H., and Stuart, A., *Practical optical crystallography* (Arnold, 1964).

Bloss, F. D., *An introduction to the methods of optical crystallography* (Holt, Rinehart and Winston, 1961).

* These are also Geology III texts.

SG03. Geology III.

Pre-requisite subjects: Geology II (SG02) at Division I 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 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).

LECTURES.—This course consists of about ninety lectures.

Crystallography: Elementary X-ray diffraction techniques.

Petrology: The origin and mode of occurrence of igneous and metamorphic rocks.

Structural Geology: Principles of structural petrology and tectonics.
Geochemistry: Controlling factors in the distribution of chemical elements.
Mineral Deposits: The geology of mineral deposits.
Stratigraphy: Principles of stratigraphy; outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend at least 12 hours a week in the laboratory.

Crystallography: Interpretation of X-ray diffraction photographs.
Mineralogy: The determination of minerals both in thin section and in grains. The study of ore minerals.
Petrology: An extension of the course in *Geology II (253)*.
Stratigraphy: Exercises in stratigraphical procedures and interpretations.
Photogeology: Exercises in photo interpretation.
Structural Geology: Analysis of structures with aid of stereographic projection.

FIELD GEOLOGY.—At least one week will be spent on geological mapping. Excursions to localities of special interest may be arranged.

Text-books:

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology*, 2nd edition (McGraw-Hill).
 Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).
 Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).
 Dana, J. D., *Manual of mineralogy*, 17th edition revised by C. H. Hurlbut (Wiley, 1959).
 Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).
 Winkler, H. G. F., *Petrogenesis of metamorphic rocks* (Springer, 1965).
 Deer, W. A., Howie, R. A., and Zussman, J., *An introduction to the rock-forming minerals* (Longmans, 1966).

Reference books:

Barth, T. F. W., *Theoretical petrology*, 2nd edition (Wiley).
 Hatch, F. H., and others, *Petrology of the igneous rocks*, 12th edition (Murby, 1961).
 Williams, Howel, and others, *Petrography* (Freeman).
 Weller, J. M., *Stratigraphic principles and practice* (Harper, 1960).
 Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation* 2nd edition (Freeman 1963).
 Wells, A. K., and Kirkaldy, J. F., *Outlines of historical geology* (Murby).
 David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).
 Turner, F. J., and Weiss, L. E., *Structural analysis of metamorphic tectonites* (McGraw-Hill, 1963).
 Fyfe, W. S., *Geochemistry of solids* (McGraw-Hill, 1964).

SG13. Palaeontology.

Pre-requisite subject: 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).

To count Palaeontology as a third-year subject for the degree of B.Sc., a candidate must present also Zoology II (SZ02) or Botany II (SB02) or Genetics I (SJ02) in addition to the normally required number of subjects from Group B.

The course comprises two lectures and four hours' laboratory work a week throughout the year, with additional individual work.

It deals with the principles of evolution as shown by the fossil fauna and flora, and with the systematic palaeontology of invertebrates, vertebrates and plants on the basis of comparative morphology.

Text-books:

- Beerbower, J. R., *Search for the past* (Prentice-Hall, 1960).
 Moore, R. C., and others, *Invertebrate fossils* (McGraw-Hill, 1952).
 Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).
 Ager, D. V., *Principles of paleoecology* (McGraw-Hill, 1963).

Reference Books:

- Glaessner, M. F., *Principles of micropalaeontology* (M.U.P., 1945).
 Andrews, H. N., *Studies in paleobotany* (Wiley, 1961).

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.

SG83. Geology I (Engineering).

For syllabus see under Faculty of Engineering.

SG93. Geology IA.

For syllabus see under Faculty of Technology and Applied Science.

MATHEMATICAL PHYSICS.**MATHEMATICAL PHYSICS FOR THE ORDINARY DEGREE OF B.Sc.**

There are two alternative courses in Mathematical Physics for the Ordinary degree of B.Sc., namely, Mathematical Physics A (SF03) and Mathematical Physics B (SF13).

For each subject pre-requisites are passes at division I or higher standard in Pure Mathematics II (SM02), Applied Mathematics II (SM12) and Physics II (SP02). Exceptionally, a student who has passed in only one of the second-year Mathematics courses and in Physics II may be permitted by the Faculty on the recommendation of the Head of the Department of Mathematical Physics to proceed to either subject.

Both courses are intended primarily for students who wish to proceed eventually to the Honours degree of B.Sc. in Mathematical Physics. They will consist of lectures given within the Department of Mathematical Physics, supplemented by special work in the Mathematics Department (for those taking Physics III H or Physical and Inorganic Chemistry III concurrently), or in the Physics Department (for those taking Applied Mathematics III concurrently).

SF03. Mathematical Physics A.

Physics III H (SP08) or (with the permission of the Faculty) Physical and Inorganic Chemistry III (SC03) must be taken concurrently.

The course will comprise about five lectures a week, and will include the following topics: Methods of mathematical physics; higher mechanics; fluid and plasma dynamics; elementary quantum mechanics and nuclear theory. Complementary reading matter will be suggested by the instructors.

SF13. Mathematical Physics B.

Applied Mathematics III (SM13) must be taken concurrently.

The course will comprise about four lectures a week and a short course of practical work. Topics will include: Pure mathematics; electromagnetic theory; wave mechanics; special theory of relativity; fluid and plasma dynamics; elementary quantum mechanics and nuclear theory. Complementary reading matter will be suggested by the instructors.

SF99. Mathematical Physics for the Honours Degree of B.Sc.

In general, only students who have reached a satisfactory standard in Mathematical Physics A or B (SF03 or SF13), and in either Physics III H (SP08) or Applied Mathematics III (SM13), will be permitted to proceed to the Honours course. Exceptionally, with the permission of the Faculty of Science, students who have not passed in Mathematical Physics in their third year, but have taken two of the following: Pure Mathematics III (SM03), Applied Mathematics III (SM13), and Physics III H (SP08) may be permitted so to proceed.

The course will consist partly of lectures given within the Department of Mathematical Physics, and partly of lectures attended by Honours Mathematics and Physics students, which will be prescribed by the Head of the Department of Mathematical Physics. A topic or topics for specialised study will be recommended by the staff of the Department.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics will be required to have a reading knowledge of at least one foreign language.

MATHEMATICS.

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 for the Ordinary degree of B.Sc. are as follows:
 Group A: General Mathematics, 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.)

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. 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).

SM81. General Mathematics.

Note: This course will be given for the last time in 1967. A student will be admitted to this course only if *either*

- (i) he has previously taken the course in 1965 or 1966 and is eligible to repeat the course; *or*
- (ii) he is a matriculated student who has passed in Leaving Mathematics I and II, but has not passed in Matriculation Mathematics I or Leaving Honours Mathematics I.

The course comprises three lectures and one two-hour tutorial class a week. A pass in it suffices for entrance to the course in Mathematics I.

The syllabus comprises elementary calculus, algebra, trigonometry, plane analytic geometry and the mensuration of the simpler solids.

Text-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).

* This book is recommended for students who will subsequently be taking the course Mathematics I.

Reference books:

Barnes, E. S., and Robson, B. N., *Calculus—a first course* (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).

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 functions; convergence of real and complex sequences, power series; 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.).

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

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).

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.

SM03. Pure Mathematics III.

Pre-requisite subject: Pure Mathematics II (SM02) at Division I or higher standard.

The course comprises five lectures and one tutorial class a week.

The syllabus comprises: real and complex analysis, modern algebra, matrices.

Preliminary reading:

Sawyer, W. W., *A concrete approach to abstract algebra* (Freeman).

Text-books:

- Knopp, K., *Theory of functions*, Part I, tr. Bagemihl (Dover).
 Apostol, T., *Mathematical analysis* (Addison-Wesley).
 Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan).

Reference books:

- Boas, R. P., *A primer of real functions* (Carus Mathematical Monographs, 13) (Wiley).
 Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).
 Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).
 Thrall, R. M., and Tornheim, L., *Vector spaces and matrices* (Wiley).
 Moore, J. T., *Elements of abstract algebra* (Macmillan).
 Mitrinovic, D. S., *Functions of a complex variable* (Noordhoff).
 Mitrinovic, D. S., *Elementary matrices* (Noordhoff).
 Mitrinovic, D. S., *Calculus of residues* (Noordhoff).
 Ayres, F., *Theory and problems of matrices* (Schaum).

Recommended general reading:

- Courant, R., and Robbins, H. E., *What is mathematics?* (Oxford).

SM12. Applied 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 a selection of topics from: vector differential and integral calculus, dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equation, theory of vibrations, ordinary and partial differential equations, Fourier series and boundary value problems, Bessel and Legendre functions, operational methods, Laplace transforms, numerical analysis, matrices, statistics.

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).

SM13. Applied Mathematics III.

Pre-requisite subjects: Applied Mathematics II (SM12) at Division I or higher standard and Pure Mathematics II (SM02) at Division II or higher standard.

The course assumes an elementary knowledge of computer programming. (Short programming courses are given by the Department of Computing Science in early March and from time to time during the year.)

The course comprises five lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: vectors and tensors, matrices, difference equations, elasticity, hydrodynamics, wave theory, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis, systems analysis, computing science.

Text-books:

- National Physical Laboratory: Mathematics Division, *Modern computing methods* (H.M.S.O.).
 Spiegel, M. R., *Vector analysis* (Schaum).

Reference books:

- Spain, B., *Tensor calculus* (Oliver and Boyd).
 Weatherburn, C. E., *Advanced vector analysis* (Bell).
 Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).
 Rutherford, D. E., *Vector methods* (Oliver and Boyd).
 Sokolnikoff, I. S., *Mathematical theory of elasticity* (McGraw-Hill).

- Lamb, H., *Hydrodynamics* (Dover; C.U.P.).
 Jaeger, J. C., *Elasticity, fracture and flow* (Methuen).
 Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd).
 Kaplan, W., *Operational methods for linear systems* (Addison-Wesley).
 Coulson, C. A., *Waves* (Oliver and Boyd).
 Mitrinovic, D. S., *Functions of a complex variable* (Noordhoff).
 Mitrinovic, D. S., *Elementary matrices* (Noordhoff).
 Mitrinovic, D. S., *Calculus of residues* (Noordhoff).
 Ayres, F., *Theory and problems of matrices* (Schaum).

SM22. Mathematical Statistics I.

Pre-requisite subject: Mathematics I (SM01) at Division I or higher standard. (In 1967 only, General Mathematics (SM81) or Leaving Honours Mathematics, Parts I and II will be accepted in lieu of Mathematics I.)

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.

Students are expected to make use of the calculating machines in the Mathematics Department for their exercise work.

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).

SM23. 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 two tutorial classes a week, and the syllabus is: probability theory, distribution theory, estimation, hypothesis testing, confidence regions, other methods of inference, linear hypotheses with application to analyses of variance, regression and covariance, other models in the analysis of variance, time series, discrete distributions, tests of goodness of fit, 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., *The statistics of biometry* (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).

SM08. Honours Mathematics III.

Pre-requisite subjects: Pure Mathematics II (SM02) and either Applied Mathematics II (SM12) or Mathematical Statistics I (SM22), each at Division I or higher standard.

This course is intended for students proceeding to an honours degree and comprises such parts of Pure Mathematics III, Applied Mathematics III or Mathematical Statistics II, and other subjects, as the Professors of Mathematics shall prescribe.

A student who wishes to take this course must first consult the Head of the Department.

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, mathematical statistics.

Students are required to write a detailed report on some topic in mathematics; the topic should be discussed with the Head of the Department towards the end of the preceding year. Work on this project should begin in the Department in the first week of February, and should be completed by the end of the second term.

ADDITIONAL SUBJECT.

SM94. Mathematics III (Engineering).

For syllabus see under Faculty of Engineering.

MICROBIOLOGY.

SK03. 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: A Division I pass or higher in any two of Physical and Inorganic Chemistry II (SC02); Chemistry II (SC12); Organic Chemistry II (SO02); Botany II (SB02); Zoology II (SZ02); Biochemistry I (SY02); Genetics I (SJ02); Physiology I (SS02).

Students intending to take up a career in Microbiology are strongly recommended to precede their Microbiology course with Biochemistry I (SY02) or Zoology II (SZ02).

The course comprises of two lectures and one tutorial each week and practical work designed to occupy half the student's total time for three terms.

The course comprises the general morphological, physiological and metabolic activities of bacteria; chemical composition of bacterial cells and cell walls; molecular biology of bacteria and bacteriophage including mutation, genetic recombination and regulation of macromolecular synthesis; microbes as pathogens and the host-parasite relationship including immunology, immunochemical techniques and the study of antigen-antibody reactions.

The practical work has been designed to familiarise the student with the basic techniques in current usage in microbiology. Throughout the course emphasis is placed on adequate experimental design and controls by the student.

Preliminary reading:

- De Kruif, P. H., *The microbe hunters* (Harcourt, Brace & Co.).
Nicol, H., *Microbes by the million* (Penguin).

Text-books:

- Stanier, R. Y., and others, *Microbial world*, 2nd edition (Prentice-Hall).
Humphrey, J. H., and White, R. G., *Immunology for students of medicine*, (Blackwell).

Reference books:

- Braun, W., *Bacterial genetics*, 2nd edition (Saunders).
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.

For syllabus 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 and 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).

SP71. General Physics.

A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures and three hours practical work a week.

General Physics will be given for the last time in 1967. Except with special permission, to be obtained in writing from the Academic Registrar, no candidate may be admitted to the class in General Physics unless he:

- (i) has taken the course in 1965 or 1966 and is eligible to repeat the course; *or*
- (ii) being a matriculated student, has passed in Leaving Physics but has not passed in Matriculation Physics or Leaving Honours Physics.

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. G., *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).

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).

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).
- Malmstadt H. V., Enke, C. G., and Toren, E. C., *Electronics for scientists* (Benjamin).
- Burcham, W. E., *Nuclear physics* (Longmans).
- Brophy, J. J., *Semi-conductor devices* (Allen and Unwin).
- Weidner, R. T., and Sells, R. L., *Elementary modern physics* (Allyn and Bacon).
- MacFadyen, K. A., *Physics laboratory handbook for students* (University of London Press).

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).

The course comprises four lectures and a minimum of nine hours practical work a week, and will be given annually.

Subjects of examination:

Physics as dealt with in the lecture and laboratory courses.

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).

SP08. Physics III H.

Pre-requisite subjects: Physics II (SP02) and Applied Mathematics II (SM12), each at Division I or higher standard.

The course will consist of four lectures and a minimum of nine hours practical work a week.

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 ed. (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., Whinnery, J. R., and Van Duzer, T., *Fields and waves in communication electronics* (Wiley).
- Leighton, R. B., *Principles of modern physics* (McGraw-Hill).

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).

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.

Text-books:

Hewer, E. E., *Text-book of histology for medical students* (Heinemann);

or

Garven, H. S. D., *A student's histology* (Livingstone).

Wright, S., *Applied physiology*, 11th edition, edited by C. A. Keel and E. Neil (O.U.P.).

or

Ganong, W. F., *Review of Medical Physiology* (Lange).

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).

SS03. Physiology II.

Pre-requisite subject: Physiology I (SS02) at Division I 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), Physics II (SP02).

This course consists of approximately equal parts of Physiology and Pharmacology.

Physiology includes more advanced aspects of some of the topics dealt with in Physiology I with emphasis on respiration; circulation; the central nervous system.

Pharmacology includes principles of bioassay; the relation between structure and action of drugs; physico-chemical factors in drug action; systematic pharmacology of special systems with emphasis on the autonomic nervous system.

Text-books:

Lewis, J. J., *An introduction to pharmacology* (Livingstone).

Wright, S., *Applied physiology*, 11th edition, edited by C. A. Keele and E. Neil (O.U.P.).

Creese, R., *Recent advances in physiology*, 8th edition (Churchill).

Reference books:

Handbook of physiology. Sections on *Neurophysiology*, *Circulation*, and *Respiration* (American Physiological Society).

Best, C. H., and Taylor, N. B., *The physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Bayliss, L. E., *Principles of general physiology*, 5th edition, Vols. 1 and 2 (Longmans).

Ariëns, E. J., *Molecular pharmacology*, vol. I (Academic Press).

Barlow, R. B., *Introduction to chemical pharmacology*, 2nd edition (Methuen).

Burn, J. H., *The autonomic nervous system* (Blackwell).

Goodman, L. J., and Gilman, A., *The pharmacological bases of therapeutics*, 3rd edition (Macmillan).

Cutting, W., *Handbook of pharmacology*, 2nd edition (Appleton).

Ruch, T. C., and Patton, H. D., *Physiology and biophysics* (Saunders).

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 direc-

tion 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.

SS14. 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).
 Barnett A., *The human species* (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; principles of taxonomy and classification; the physiology anatomy and phylogeny of animals, invertebrates and vertebrates; 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).

Text-books:

- Borradaile, L. A., and others, *The invertebrata*, 4th edition (C.U.P., 1961).
 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.).
 Young, J. Z., *The life of the vertebrates* (O.U.P.).

Reference books:

- 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).
 Welty, C. J., *The life of birds* (Saunders).

SZ03. Zoology III.

Pre-requisite subject: Zoology II (SZ02) at Division I or higher standard.

The course includes the following subjects: animal ecology, physiology of specialised cells, marine biology, genetics and the physiology of invertebrate and vertebrate animals. The vertebrate physiology course will deal with various special aspects of excretion, digestion, reproduction and water conservation. In marine biology emphasis will be placed on marine hydrology, plankton and fisheries.

Text-books:

Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen).

Lockwood, A. P. M., *Animal body fluids and their regulation* (Heinemann).

Reference books:

Giese, A. C., *Cell physiology*, 2nd edition (Saunders).

Elton, C. S., *Animal ecology* (Sidgwick and Jackson).

Fraenkel, G., and Gunn, D. L., *The orientation of animals* (O.U.P.).

Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (Chicago U.P.).

Wigglesworth, V. B., *Principles of insect physiology* (Methuen).

Tinbergen, N., *The study of instinct* (O.U.P.).

Odum, E. P., *Fundamentals of ecology*, 2nd edition (Saunders).

Simpson, G. G., *The meaning of evolution* (Yale U.P.).

Dawes, B., *A hundred years of biology* (Duckworth).

Sverdrup, H. V., Johnson, M. W., and Fleming, R. H., *The oceans* (Prentice-Hall).

Harvey, H. W., *The chemistry and fertility of seawaters* (C.U.P.).

Hardy, A. C., *The open sea*, parts I and II (Collins).

Fisher, R. A., *The design of experiments* (Oliver and Boyd).

Baldwin, E., *The nature of biochemistry* (C.U.P.).

Dukes, H. H., *The physiology of domestic animals* (Comstock).

Maynard, L. A., and Loosli, J. K., *Animal nutrition*, 5th edition (McGraw-Hill).

Ebert, J. D., *Interacting systems in development* (Holt, Rinehart and Winston).

Schmidt-Nielsen, K., *Desert animals* (O.U.P.).

Marshall, F. H. A., *Physiology of reproduction*, 3rd edition, ed. A. S. Parkes, vol. 1, parts 1 and 2, vol. 2 (Longmans).

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 genetics, gene action and cell physiology; structure and physiology of plants; developmental concepts in plant evolution; the mechanism of evolution, and the impact of modern biological thinking on our philosophy and future evolution; the anatomy and physiology of selected invertebrate animals; functional anatomy of vertebrates and comparative embryology.

Text-books:

Grove, A. J., and Newell, G. E., *Animal biology*, 6th edition (University Tutorial Press).

and either:

Whaley, W. G., Breland, O. P., Heimsch, C., Phelps, A., and Schrank, A. R., *Principles of biology*, 3rd edition (Harper).

or a combination of the following:

Delevoryas, T., *Plant diversification* (Holt, Rinehart and Winston, 1966).

Galston, A. W., *The life of the green plant* (Prentice-Hall).

Wallace, B., and Srb, A. M., *Adaptation* (Prentice-Hall).

Levine, R. P., *Genetics* (Holt, Rinehart and Winston).

Students should consult:

Hardin, G., *Biology, its principles and implications*, 2nd edition (W. H. Freeman).

Simpson, G. G., and Beck, W. S., *Life: an introduction to biology*, 2nd edition (Routledge and Kegan Paul).

SZ99. Zoology for the Honours Degree of B.Sc.

Students 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.

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).

AJ83. Geography IIC.

CLIMATOLOGY.

Subject to the approval of the Faculty of Science, this subject may be taken under certain conditions by candidates for the degree of B.Sc. It is not available as a subject for the degree of B.A.

The course is the same as the optional subject "Climatology" in Geography III. It consists of one lecture and one tutorial per week throughout the year. Students who have not done Geography I and Geography II must see the lecturer during the first week of February and be prepared to read an introductory text before lectures begin.

Reference books:

- Geiger, R., *The climate near the ground* (Harvard).
 Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).
 Sutton, O. G., *Micrometeorology* (McGraw-Hill).

MA13. Histology.

Pre-requisite subject: Physiology I (SS02) at Division I or higher standard.

The course consists of three lectures and not less than ten hours' practical work a week. From a morphological background it stresses the relationships between microscopic structure and function in mammalian cells and tissues.

The following subject matter is included: special methods in histology, including electron-microscopy; qualitative microscopic cyto- and histo-chemistry, general principles and localisation of various chemical substances, including enzymes; fine structure of cells and tissues and its relation to function; special study of tissues—differentiation and histogenesis, repair and transplantation, ageing; neurology and neurohistology; special senses.

Text-books:

- Ham, A. W., *Histology*, 5th edition (Lippincott); or
 Maximow, A. A., and Bloom, W., *A text-book of histology*, 8th edition, revised by W. Bloom and D. W. Fawcett (Saunders).

Books for reference and further reading:

- McClung, C. E., *Handbook of microscopic technique* (Hoerber).
 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).
 Rhodin, J. A. G., *An atlas of ultrastructure* (Saunders).
 Schädé, 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:

- Stevens, S. S., *Handbook of experimental psychology* (Wiley).
 Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
 Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).
 Thorpe, W. H., *Learning and instinct in animals* (Methuen).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 2nd edition (McGraw-Hill).
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).
 Waters, R. H., and others, *Principles of comparative psychology* (McGraw-Hill).
 Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).
 Gardner, E., *Fundamentals of neurology* (Saunders).
 Stevens, C. F., *Neurophysiology—a primer* (Wiley).
 Gregory, R. L., *Eye and brain* (World University Library).
 Skinner, B. F., *Cumulative record* (Methuen).
 Forgas, R. H., *Perception* (McGraw-Hill).

AY83. Psychology II (S).

Pre-requisites: A Division I pass in Psychology I (S) (AY82).

This course is designed (i) to provide a course of lectures lasting throughout the year on the experimental study of human skills including applications of information theory to psychological problems and human engineering, (ii) to include an advanced course of study of physiological psychology, and (iii) to provide a theoretical and experimental study of the perceptual and cognitive processes of man.

There will be 3 hours of lectures, a 1 hour tutorial, 1 hour of statistics (during first and second terms only), and 7 hours of laboratory practical work a week. As a part of the practical work students will be required to complete a minor research project on a psychological problem.

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).
 Broadbent, D., *Perception and communication* (Pergamon).
 Dienes, Z. P., and Jeeves, M. A., *Thinking in structures* (Hutchinsons).
 Duffy, E., *Activation and behaviour* (Wiley).
 Field, J., *Handbook of physiology, section 1: neurophysiology* (Amer. Phys. Soc.).
 Fuller, J. L., and Thompson, W. R., *Behaviour genetics* (Wiley).
 Forgas, R. H., *Perception* (McGraw-Hill).
 Graham, C. H., et. al., *Vision and visual perception* (Wiley).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 4th edition (McGraw-Hill).
 Morgan, C. T., and Stellar, E., *Physiological psychology* (McGraw-Hill).
 Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).
 Stevens, S. S., *Handbook of experimental psychology* (Wiley).
 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).
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).
Jenny, H., *Factors of soil formation* (McGraw-Hill).
Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).
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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.

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.

OO02. Social Work I [New].

Pre-requisite subjects for undergraduates: Two of the first-year subjects prescribed in Schedule III of the Diploma in Social Studies.

An introduction to social work and social welfare. The organisation of the social services. A study of selected welfare services, with particular reference to the role of the social worker. An introduction to practice in a social agency.

Reference books:

Barnes, E., *People in hospital* (Macmillan).

Bowlby, J., *Maternal care and mental health* (W.H.O.).

Brown, E. L., *Newer dimensions of patient care*, Part I, (Russell Sage).

Davey, C. M., *Children and their law-makers* (Griffin).

Perlman, H. H., *Social casework* (Chicago U.P.).

de Schweinitz, E. and K., *Interviewing in the social services: an introduction* (National Council of Social Service).

Stoller, A. (Ed.), *The family today* (Cheshire).

Towle, C., *Common human needs* (American Association of Social Workers).

Additional references will be given throughout the lectures.

OO03. Social Work II [New].

Pre-requisite subject for undergraduates: Social Work I.

The study of social work and social welfare continued. A study of social problems associated with family and child welfare, in mental and physical illness, and in other settings associated with the practice of social work. An analysis of policies and practice in selected welfare services with particular reference to their implications for social work. The practice of social work: attention will be given to interviewing, recording, and the processing of data from social agency records.

Students will be required to reach a satisfactory standard in practical work, which will include case discussions and clinical sessions throughout the year, and, for undergraduates, practice in a social agency throughout terms I and II.

Preliminary reading:

- Forder, A., *Social casework and administration* (Faber).
- Garrett, A., *Interviewing* (Family Service Association of America).
- Overton, A., and others, *Casework Notebook* (Greater St. Paul Community Chests and Councils).

Reference books:

- Barnes, E., *People in hospital* (Macmillan).
- Brennan, T., and Parker, N. A., (eds.), *The foundations of social casework* (Novak).
- Cohen, Nathan E., (ed.), *Social work and social problems* (National Association of Social Workers).
- Hollis, F., *Casework: a psycho-social therapy* (Random House).
- Konopka, G., *Social Group Work: a helping process* (Prentice-Hall).
- Noyes, A. P., and Kolb, L., *Modern clinical psychiatry*, 6th edition (Saunders).
- Parad, H. J., (ed.), *Crisis intervention* (Family Service Association of America).
- Staton, T. F., *Dynamics of adolescent adjustment* (Macmillan).

Additional references will be given throughout the lectures.

OO52. Sociology.

Pre-requisite subjects for undergraduates: Two of the first-year subjects prescribed in Schedule III of the Diploma in Social Studies.

An introduction to the principles of sociological analysis. Application of these principles to selected institutions: the family, industrial systems. Types of social structure: simple and complex. Social stratification. Culture, symbolism and value systems.

Preliminary reading:

- Greer, S. A., *Social organization* (Random House).
- Homans, G. C., *The human group* (Routledge and Kegan Paul).
- Mitchell, G. D., *Sociology* (University Tutorial Press).

Reference books:

- Chinoy, E., *Sociological Perspective* (Random House).
- Davis, K., *Human society* (Macmillan).
- Goode, W. J., *The family* (Prentice-Hall).
- Johnson, H. M., *Sociology* (Routledge and Kegan Paul).
- Kluckhohn, C. K. M., *Mirror for Man* (Muller).
- MacIver, R. M., and Page, C. H., *Society* (Macmillan).
- Madge, J. H., *The tools of social science* (Doubleday).
- Moore, W. E., *Social change* (Prentice-Hall).
- Smelser, N. J., *The sociology of economic life* (Prentice-Hall).

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:

<p>Accounting A</p> <p>Building</p> <p> (subjects for old courses) D</p> <p> (subjects for new courses) B</p> <p>Business Administration ... U</p> <p>Chemical Technology</p> <p> (subjects for old courses) I</p> <p> (subjects for new courses) H</p> <p>Civil Engineering</p> <p> (subjects for old courses) V</p> <p> (subjects for new courses) C</p>	<p>Electrical Engineering ... E</p> <p>Electronic Engineering ... L</p> <p>General Studies G</p> <p>Mathematics M</p> <p>Mechanical Engineering</p> <p> (subjects for old courses) J</p> <p> (subjects for new courses) K</p> <p>Metallurgy T</p> <p>Mineral Engineering ... N</p> <p>Pharmacy F</p> <p>Physics P</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.

TP81. General Physics.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

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, 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, 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).

Cuptill, 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 earthwork; 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.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

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 analysis* (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, plane 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. CB1-1952, *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. I (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).
- Rudolf, 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.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

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, *Groundwater 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.

The course consists of three hours of lectures and six hours of practical work a week throughout the year.

Pre-requisite subjects: Mathematics I (Engineering), Surveying II, and Astronomy.

Concurrent subject: Geodesy

Lectures: History; perspective; photographic materials; aerial cameras; aerial and terrestrial photography; geometrical principles; flight — ground control; methods of plotting; plotting instruments; production of maps.

Practical work: Six hours a week throughout the year; field procedures; calculations and use of various plotting machines.

Reference books:

American Society of Photogrammetry, *Manual of photogrammetry*.

Zeller, M., *Text-book of photogrammetry* (Lewis, 1952).

Schwidersky, K., *Text-book of photogrammetry*.

Hart, C. A., *Air photograph applied to surveying* (Longmans, 1943).

Hallert, B., *Photogrammetry* (McGraw-Hill, 1960).

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 triangulation, 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.**

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

TI21. Chemistry IA.

For syllabuses see under Faculty of Science.

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:

Romanwitz, 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.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

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.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

TI21. Chemistry IA.

For syllabuses see under Faculty of Science.

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).

Geaglske, 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.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

TJ21. 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 Ilio, 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 (INDUSTRIAL PHYSICS).

OLD COURSE.

FIRST YEAR

To be offered for the last time in 1968.)

TM81. General Mathematics.

TP81. General Physics.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

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:

Kreyszc, 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; Heisen-berg 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.

FIRST YEAR

(To be offered for the last time in 1967.)

TM81. General Mathematics.

TP81. General Physics.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

TI21. Chemistry IA.

TJ11. Engineering Drawing.

For syllabuses see Subject Index.

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).

SC22. Chemistry IIA.

TT82. Engineering Materials.

For syllabus see Subject Index.

THIRD YEAR

(To be offered for the last time in 1970.)

SO73. Organic Chemistry IIA.

A course similar to Organic Chemistry II, amounting to two lectures and not less than six hours' practical work a week given to students in the Faculty of Technology.

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***T174. 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 Frieser, 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.**FIRST YEAR**

(To be offered for the last time in 1967.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

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.)

SO73. 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 Umbrert, 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.**FIRST YEAR**

(To be offered for the last time in 1967.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

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.—The lectures given in the first two terms of Geology I.

PRACTICAL WORK.—The crystallography, mineralogy and petrology sections of the practical course in Geology I.

Preliminary reading:

Rappport, S., and Wright, H. (eds.), *Crust of the earth* (Mentor).

Text-books:

Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*,

2nd edition (Freeman, 1959); or

Holmes, A., *Principles of physical geology* (Nelson).

Reference books:

Dana, J. D., *Manual of mineralogy*, 17th edition, revised by Hurlbut, C. S. (Wiley, 1959).

Tyrrill, G. W., *Principles of petrology* (Methuen).

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.

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 under Bachelor of Technology (Civil Engineering), Second Year.

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.

FIRST YEAR

(To be offered for the last time in 1967.)

As for Bachelor of Applied Science (Applied Chemistry—Course A).

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.

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).

TT84. 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.

FIRST YEAR

(To be offered for the last time in 1967.)

TM81. General Mathematics.

TP81. General Physics.

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

TI21. Chemistry IA.

TV91. Civil Drawing I.

TJ91. Workshop Practice IB.

TK01. Engineering Mechanics I.

For syllabuses see Subject Index.

SECOND YEAR

(To be offered for the last time in 1968.)

TM71. Mathematics I (Engineering).*Either***SG83. Geology I (Engineering).***Or***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).

Babbitt, 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.

TP84. 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.****FIRST YEAR**

(To be offered for the last time in 1967.)

TM81. General Mathematics.**TP81. General Physics.**

As for General Mathematics (SM81) and General Physics (SP71) in the Faculty of Science.

T121. Chemistry IA.

For syllabuses see Subject Index.

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, C., *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. 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 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.

Pre-requisite subjects: Applied Mathematics II (T); and Accounting Mathematics I.

The course consists of three lectures and one tutorial a week on the following topics:

Data: its forms, and representation; measures of location, dispersion, binomial, hypergeometric, pascal, poisson, negative binomial, normal, multinomial distributions; significance tests, based on normal, t-, F- and CHI-squared distributions; linear, curvilinear and multivariate regression; analysis of variance; experimental design; sampling.

Text-book:

Wine, R. L., *Statistics for scientists and engineers* (Prentice-Hall).

Reference books:

Li, G. C., *Introduction to experimental statistics* (McGraw-Hill).

Davies, O. L., *Design and analysis of industrial experiments*, 2nd edition (Oliver and Boyd).

- Natrella, M. G., *Experimental statistics* (U.S. Department of Commerce).
 Volk, W., *Applied statistics for engineers* (McGraw-Hill).
 Spiegel, M. R., *Theory and problems of statistics* (Schaum).
 Bowker, A. H., and Liebermann, G. J., *Engineering statistics* (Prentice-Hall).

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).

Two hours of lectures and one hour tutorial a week throughout the year, on the following topics:

Industrial Organisation: large scale production; factors of industrial location; structure and control of industry—integration, amalgamations, take-overs.

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; construction of supply curve.

Interaction of supply and demand.

Market structure, pricing and demand:—under conditions of pure competition, monopoly, monopolistic competition and oligopoly (include public utility pricing).

Investment decisions.

Labour markets and wage determination: employer and employee organisations.

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:

- Reynolds, L. G., *Economics* (Irwin).
 Beacham, A., and Williams, L. J., *Economics of industrial organisation*, 4th edition (Pitman).

Reference books:

- Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).
 Bach, G. L., *Economics*, 4th edition (Prentice-Hall).
 Downing, R. I., *National income and social accounts* 9th edition (M.U.P.).
 Karmel, P. H., and Brunt, M. D., *The structure of the Australian economy* (Cheshire).
 Leftwich, R. H., *The price system and resource allocation* (Holt, Rinehart, Winston).
 Nevin, E., *A textbook of economic analysis* (Macmillan).
 Samuelson, P. A., *Economics*, 6th edition (McGraw-Hill).

Other references may be prescribed by the lecturers.

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.

TM73. System Analysis.

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:

Space in the home (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.

General Studies.*Either***TG81. Literature and Society.**

The course consists of two lectures of one hours' duration a week throughout the year.

A study of plays, poems and novels which explore the problems of the individual and society.

Text and reference books will be advised in class.

Or

TG91. Social and Technological History.

The course consists of two lectures of one hour's duration a week throughout the year.

A study of technological development and its social implications.

Text-book:

Forbes and Dijksterhuis, *A history of science and technology*, vols. 1 and 2 (Pelican).

Reference books: to be advised in class.

SECOND YEAR

TB02. Building Science IR.

Materials: Steel, concrete, timber, alloys, as building materials.

Environmental Physics: Climate, comfort, heating and cooling problems. Shade, structural and materials influences on buildings.

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.

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.

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.

General Studies.

THIRD YEAR

TB03. Building Science IIR.

Environmental Physics: Natural and artificial light in buildings. Colour, sound insulation, transmission and modification.

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.

Contract Programming (Computer programming): Fortran computer language. Network analyses. Simulation techniques. Critical path methods. Cost, time and resource variable.

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.

General Studies.**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.

TK01. Engineering Mechanics I.

For syllabuses see Subject Index.

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; de-

velopment 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.

TC81. 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.

SECOND YEAR

TM02. Mathematics IIA.

The course comprises three hours lectures and two hours tutorial per week throughout the year.

1. Further partial differentiation (for functions of two or more variables, errors, maxima and minima, Taylors series; introduction to partial differential equations). Ordinary linear differential equations of the second order with variable coefficients. Fourier Series. Laplace Transform.
2. Matrices; vector analysis (differentiation and integration; grad, div, curl; Gauss, Green, Stokes, theorems). Multiple integrals (with application to areas, volumes, surfaces, moments of inertia).
3. Statistics (mean, S.D., distributions, normal, binomial, Poisson, t-, F-; quality control). Curve fitting (linear transformations, least squares criterion, extrapolation). Introduction to numerical methods (including finite difference equations).

Mathematics of Finance.

Throughout the course, brief historical references, as appropriate, will be given.

TC12. Civil Engineering IIA (T).

Pre-requisite subjects: Engineering Mechanics I, Applied Physics I, Civil Drawing.

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, properties of materials and tests, 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.

TC22. Civil Engineering IIB (T).

Pre-requisite subjects: Engineering Chemistry and Materials, Engineering Mechanics I, Applied Physics I.

The course consists of three hours of lectures and four hours of practical work and tutorials a week.

Properties of materials including steel, concrete, timber, aluminium and its alloys.

Properties of cement and concrete materials, design of mixes, quality control, elastic properties of 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.

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. 1 (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 Raumont, S., *Surveying* (Pitman).
 Dobrin, *Geophysical prospecting* (McGraw-Hill).
 Chambers, *Shorter six figure mathematical tables*.

TE72. Electrical Engineering SC (T).

For civil/mineral engineering students.

The subject will give a broad general coverage of electrical engineering with emphasis on topics of particular interest to students doing other courses.

A unified treatment of analogue methods applicable to varied fields will be developed using models, equivalent circuits and analogue computers.

General Studies.**THIRD YEAR****TC13. Civil Engineering IIIA (T).**

Pre-requisite subjects: Civil Engineering IIA and B (T).

The course consists of three hours of lectures and an average of three hours of practical work and tutorials a week.

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.

Design projects covering timber, concrete and steel construction.

TC53. Engineering Computations.

Pre-requisite or concurrent subjects: Mathematics IIA, Civil Engineering IIA and IIB (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 nomographs, 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 flownets.

General Studies.

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.).

TC91. History of Technology (S).

One hour of lectures throughout the year. 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:

- Skelton, *History of Cartography* (Watt).
 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*.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TC02. Surveying IIA.

(a) Engineering surveying: Surveys for roads, railways, water supply and irrigation, drainage. Transition and vertical curves. Carriageway profiles, Slight distances. Road crossings and junctions. 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. Location of lost beacons. Placing data. Problems arising from a changed co-ordinate system (cadastral, not mathematical). Minor triangulation and traversing. Subtense bar. Control of traverses; control surveys in townships. Irregular boundaries. 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), including approximations, interpolations, sensitivity of functions, transformation of formulae. Importance of significant figures. Auxiliary functions for small angles critical tables. Survey computations on both the plane and sphere. Computation of traverses and minor triangulation. Intersection and resection and combinations of both. Eccentric reduction. Areas and volumes. Road intersections; transitions and vertical curves. Computation on the sphere in both the Cassini and transverse Mercator projections. t -corrections and scale factor. Reduction of scale error. Microwave observation reductions. Machine computation.

(d) Practical work and assignments connected with the above.

TC72. Surveying IIB.

(a) The concept of map projections, and detailed treatment of the Cassini-Soldner and transverse Mercator projections. Reconnaissance; signals, 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. 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.

General Studies.

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.

The oblate spheroid. Laplace equation. Computations connected with triangulation, trilateration and traverses; computation in plane rectangular co-ordinates. Lines on the earth's surface.

Curve fitting to observational data. Adjustment of figures, level nets, trigonometric levelling, traverses, etc. Adjustments involving dissimilar quantities. Weighting. Weight of the adjusted value.

Interrelation of the geoid and spheroid. Significance of data at the origin. Microwave distance—measurement.

Gravity measurements. Gravimeters. Reduction of gravity readings. Deflection determination. Gravity influence on trigonometric and geodetic levelling.

TC83. Photogrammetry.

For syllabus see Subject Index.

TC43. Engineering (T).

A course in soil mechanics, hydraulics and hydrology.

General Studies.

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.

General Studies.

Ether

TG81. Literature and Society.

Or

TG91. Social and Technological History.**SECOND YEAR****TM12. Mathematics II (B2).**

The course comprises two hours of lectures and one hour of tutorial per week throughout the year.

A selection of any two of the following sections:

1. Further partial differentiation (for functions of two or more variables, errors, maxima and minima, Taylors series; introduction to partial differential equations). Ordinary linear differential equations of the second order with variable coefficients. Fourier series. Laplace transform.
2. Matrices: vector analysis (differentiation and integration; grad, div, curl; Gauss, Green, Stokes theorems). Multiple integrals (with application to areas, volumes, surfaces, moments of inertia).

3. Statistics (mean, S.D., distributions, normal, binomial, poisson, t-, F-, quality control). Curve fitting (linear transformations, least squares criterion, extrapolation). Introduction to numerical methods (including finite difference equations).

Mathematics of finance.

Throughout the course, brief historical references, as appropriate, will be given.

TE02. Electrical Engineering IA.

Network analysis, transients locus diagrams, field plotting, introduction to energy conversion, and rotating machines, transformers.

TE12. Electrical Engineering IB.

Measurement analysis, standards, bridge techniques, analogue methods, transducers, phase and frequency correlators, noise harmonics.

TL53. Applied Electronics.

TK01. Engineering Mechanics I.

TK32. Mechanical Engineering A (T).

For syllabuses see Subject Index.

General Studies.

THIRD YEAR

TE03. Electrical Engineering IIA.

Steady state and transient performance of transformers and machines, polyphase harmonics, symmetrical components, power transmission, system stability and protection.

TE13. Electrical Engineering IIB.

Design principles of energy conversion devices, utilisation of plant and its control. Extended laboratory projects.

TE93. Automatic Control I.

General theory of linear automatic control systems, transfer functions graphical displays, stability, compensation data transmitters, transducers, electro-magnetic amplifiers, analogue computer simulation, introduction to more linear systems.

TK22. Mechanical Design I.

Machine drawing, dimensioning and tolerancing; selection of fits; design factors, permissible stresses; circular shafts, keys, couplings, graphical determination of slope and deflection; anti-friction bearings; belt drives; chain drives; wire ropes; mechanical design to crane and hoist code; screwed fastenings; joining by mechanical fastenings; welding and adhesives; gaskets, packing, seals; pressure vessels, pipes, valves; plain bearings—self-lubricated and thin-film.

Either

TU93. Principles of Business and Industry.

The course consists of two one-hour lectures per week throughout the year.

An introduction to the nature of economics; the main concepts of economic behaviour and developments; 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; 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*.

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.

General Studies.

Either

TG81. Literature and Society.

Or

TG91. Social and Technological History.

For syllabuses see Subject Index.

SECOND YEAR

TM12. Mathematics II (B2).

For syllabus see Subject Index.

TP92. Physics IIE.

Part I (one hour per week for one term).

Static electric field; Gauss theorem; dipole and quadrupole. Capacitance of conductor; energy of electric field; electrostatic instruments. Dielectrics; polarization and displacement; boundary effects; dielectric measurements; magnetic materials; measurement of permeability and susceptibility; magnetisation and flux density; ferromagnetics; domain theory; ferrimagnetics; ferrites. Maxwell's equations; displacement current; transmission, reflection and refraction of waves. Poynting vector; introduction to guided EM waves, transmission lines, resonant cavities, etc., as applications.

Part II (one hour per week for three terms).

Introduction: Particles and waves; particle statistics.

Charged particle dynamics; deflection in electric and magnetic fields; applications—magnetron, klystron, photomultipliers, electron optics.

Vacuum tubes; current-voltage relation for diode; triode with space charge; multielectrode tubes; phototubes; electrometer tubes. Electron emission; photo and thermionic; secondary emission; Shottky effect; applications. Band theory; intrinsic semi-conductors; mobility and diffusion; metal semi-conductor contacts; photo-conductivity and luminescence. p-n Junction; reverse and forward bias; reverse saturation; transistor characteristics; minority carrier storage; controlled rectifiers; field effect transistors. Gas discharge; excitation and ionization potential; non-self and self-maintained discharge; arcs; plasmas; probe measurements; ionization chambers; radiation counters; thyatron. Quantum electronics; Zener effect; tunnelling; coherence; stimulated emission; semi-conductors; laser; masers. Noise: thermal, shot, rack and white noise; examples.

Reference books:

- Hemenway, C. L., Henry, R. W., Caulton, M., *Physical electronics* (Wiley).
 Van der Ziel, *Solid state physical electronics* (Allyn and Bacon).
 Duffin, W. J., *Electricity and magnetism* (McGraw-Hill).

TE82. Electrical Engineering SE (T).

For electrical engineering students.

The subject will give a broad general coverage of electrical engineering with emphasis on topics of particular interest to students doing other courses.

A unified treatment of analogue methods applicable to varied fields will be developed using models, equivalent circuits and analogue computers.

TL02. Electronic Engineering IA.

Pre-requisite or concurrent subjects: Physics IIC, Mathematics II (B2) and Electrical Engineering IIB.

Lectures: Passive transmission networks including T and networks, filters, equalizers, transmission lines. Principles of operation and applications of electronic instruments. Introduction to transient analysis, and switching and digital circuits.

TL12. Electronic Engineering IB.

Pre-requisite or concurrent subjects: Physics IIC, Mathematics II (B2) and Electrical Engineering IIB.

Lectures: Comprehensive analyses of electronic amplifiers and generators from D.C. to ultra-high frequencies, including paraphase and difference amplifiers, and operational amplifiers. D.C. power supplies.

General Studies.**THIRD YEAR****TL03. Electronic Engineering IIA.**

Pre-requisite subjects: Electronic Engineering IA, Electronic Engineering IB and Mathematics IIB.

Lectures: The lecture course deals with the principles and practice of electrical communications, including:

Methods of modulation and detection, noise and noise measurement, microwave generation, wave-guides, antennas, radio propagation, principles of information transmission.

TL13. Electronic Engineering IIB.

Pre-requisite subjects: Mathematics II, Electronic Engineering IA and Electronic Engineering IB.

Lectures: The lecture course deals with pulse techniques. It includes:

Wave-shaping, pulse amplifiers, switching circuits, timing and counting circuits, digital computer principles.

TL23. Electronic Engineering IIC.

Pre-requisite or concurrent subjects: Electronic Engineering IIA and Electronic Engineering IIB.

Lectures: The lecture course deals with the principles and current techniques of electronic engineering design, and the materials and processes used in the production of electronic equipment.

Practical: Students are required to write a report on the design and testing of a piece of electronic equipment.

TE93. Automatic Control I.

For syllabus see Subject Index.

TM93. Programming I (P).

The course comprises one hour lecture, one hour tutorial for the first term.

Basic Fortran programming: input and output statements, arithmetic operators, order of computation, H, X, F, E, I format specifications, control statements, assignment statements, subscripted variables, Do loops; flow diagrams; programming of practical problems.

Text-book:

McCracken, Daniel, D., *A guide to Fortran programming* (Wiley).

Either

TU93. Principles of Business and Industry.

Or

TU73. Business Organisation.

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).

General Studies.

Either

TG81. Literature and Society.

Or

TG91. Social and Technological History.**SECOND YEAR****TM12. Mathematics II (B2).****TK32. Mechanical Engineering A (T).**

For syllabuses see Subject Index.

TK02. Engineering Mechanics II.

Part (1): *Strength of Materials.*

Elastic stress and strain; normal and shear stresses, plane stress, principal stresses and strain, 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; moment of resistance built-up beams; deflection of beams; fixed-end and continuous beams; columns, Euler's formula, empirical formulae and 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 beams by loads not in plane of a principal axis; strain energy and its application to simple problems; stress concentration; elements of experimental stress analysis.

Part (2): *Engineering Dynamics.*

Straight line, curvilinear and harmonic motion of a point. Motion graphs. Translational and rotational motion of a rigid body.

Force, work, momentum, energy. Friction. Link mechanism, relative motion, instantaneous centres of rotation. Dynamics of gear and link systems. Free and forced vibration in one degree of freedom. Torsional vibration. Balancing of rotating and reciprocating machines.

TK22. Mechanical Design I.

For syllabus see Subject Index.

TK12. Engineering Manufacturing Practice II.

This subject presents some of the basic theory related to processes treated descriptively in Engineering Manufacturing Practice I.

Metrology theory and the means of making distance and surface finish measurements. Production gauges and inspection.

Basic metal cutting theory including force relations, lubrication, tool shapes and wear, tool life and grinding operations.

Theory of automatic and semi-automatic machines and studies of time data.

The theory of practice of heat treatment of metals and alloys. Development by heat treatment of material properties suited to particular applications.

General Studies.

THIRD YEAR

TM13. Mathematics II (B1).

The course comprises one hour lecture, and one hour tutorial per week throughout the year.

A selection of any one of the following sections:

1. Further partial differentiation (for functions of two or more variables, errors, maxima and minima, Taylor's series; introduction to partial differential equations). Ordinary linear differential equations. Ordinary linear differential equations of the second order with variable coefficients. Fourier series. Laplace transform.

2. Matrices; vector analysis (differentiation and integration; grad, div, curl; Gauss, Green, Stokes, theorems). Multiple integrals (with application to areas, volumes, surfaces, moments of inertia).

3. Statistics (mean, S.D., distributions, normal, binomial, Poisson, t-, F-; quality control). Curve fitting (linear transformations, least squares criterion, extrapolation). Introduction to numerical methods (including finite difference equations).

Mathematics of finance.

Throughout the course, brief historical references, as appropriate, will be given.

TK33. Mechanical Engineering B.

Compressible flow, real gases, vapours. Cavitation. Fluid hammer heat transfer, transient conduction, convection principles, natural convection, forced convection, boiling and condensing. Extended surfaces. Heat exchangers. Radiation, emissivity, view factor. Combined convection and radiation. Mass transfer. Psychrometry. Hydraulic machines and systems. Thermal turbo-machinery and systems.

TK03. Engineering Mechanics III.

Oscillations of multi-degree of freedom systems. Distributed systems. Critical speeds. Automatic control. Continuous open and closed loops. Feedback stability. Harmonic and transient response. Transfer functions. Anticipation error modification on-off control.

Analogies: Electro-mechanical, thermal, flow, stress. Analogue computer.

TK23. Mechanical Design II.

Fatigue strength, stress, raisers; application of principal stress, shear stress, distortion energy and Mohr theories of elastic failure; fatigue design, equivalent static stresses; crankshafts; fluid film bearings; design for contact stresses; cams, geometry and design; connecting rods; brakes and clutches; coil, leaf and rubber springs; flywheel design for energy and strength; involute gear geometry; forces in helical, bevel and worm gears; design of spur and helical gears and boxes; planetary gear trains, power screws; design for extreme temperatures.

TK13. Engineering Manufacturing Practice III.

Metal cutting theory, economics of machining, related machine tool design theory, vibrations in machine tools and the numerical control of machine tools.

Elementary plasticity theory and its application to typical metal-forming process. Influence of tool shape, lubrication on metal behaviour.

Melting and casting, and joining, of metals and alloys, with consideration of the metallurgical factors involved.

Destructive and non-destructive testing of engineering materials.

TK93. Projects I.

Investigation of topics related to Mechanical Engineering B, Engineering Mechanics III, Mechanical Design II or Engineering Manufacturing Practice III, normally involving literature surveys, analysis, planning, programming, experimentation and reporting.

TK83. Electrical and Civil Engineering S.

(a) *Electrical.*

A broad general coverage of electrical engineering with emphasis on topics of particular interest to students. A unified treatment of analogue methods applicable to varied fields will be developed using models, equivalent circuits and analogue computers.

(b) *Civil.*

An introduction for surveying, soil mechanics, and concrete technology for mechanical engineering students.

General Studies.

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).

General Studies.

Ether

TG81. Literature and Society.

Or

TG91. Social and Technological History.**SECOND YEAR****TM02. Mathematics IIA.**

For syllabus see Subject Index.

TH02. Physical Chemistry II (T).

Thermodynamics; statistical mechanics; chemical kinetics; surface chemistry; atomic and molecular spectra; semi-conductors; solution chemistry.

TH12. Organic Chemistry II (T).

Theoretical organic chemistry with particular reference to structural chemistry and organic reactivity. Preparation, properties, and reactions of heterocyclic compounds, and natural products.

TH22. Applied Chemistry I.

Industrial stoichiometry; chemical process thermodynamics; industrial chemical plant and processes; fuels and combustion.

TH92. Engineering Service.

Elements of strength of material; structures; machine design; electrical power and electronics.

General Studies.**THIRD YEAR****TH23. Applied Chemistry II.**

Advanced topics in inorganic, physical organic and applied chemistry; chemical process calculations involving application of computer to problem solving.

TH53. Chemical Process Kinetics.

Kinetics of complex reactions, industrial catalysis, non-catalytic heterogeneous reactions; homogeneous, fixed and fluidized isothermal and non-isothermal reactors; residence time.

TH63. Chemical Instrumentation.

Theory of instrumental techniques in modern analytical chemistry and applications of analytical instruments in chemical plant control, measurement of process parameters.

TH83. Process Dynamics and Control.

Theory of automatic control as applied in the chemical process industries; dynamic behaviour of process equipment and control systems; methods of system analysis; control and dynamic optimization.

TH43. Fluid and Particle Mechanics.

Properties of fluids; flow over surfaces and through pipes; pumping; boundary layer theory, Flow through packed beds and columns; motion of particles and drops in fluids, particle separation; fluidization; mixing.

TH73. Transfer Operations.

Heat and mass transfer; countercurrent processes illustrated by leaching, distillation, gas absorption and liquid-liquid extraction; differential contact and stage wire processes.

General Studies.

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.

General Studies.

Either

TG81. Literature and Society.

Or

TG91. Social and Technological History.

For syllabuses see Subject Index.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TP02. Applied Physics II.

A course of four lectures, one tutorial and three laboratory periods per week for one year covering the following topics:

Particles and Waves: Wave motion; particles as waves

Electricity and Magnetism: Electromagnetic waves; microwaves and ionospheric physics.

Electron Physics: Atomic spectra; electrons in metals; introductory semi-conductor physics.

Solid State-Properties of Matter: Perfect and imperfect crystalline matter.

Acoustics and Ultrasonics: Propagation of sound; properties of sound; ultrasonic physics.

Optics: Instrument design; interferometry; photography.

Heat and Thermodynamics: 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. Electrotechnology.

A course of one lecture and two laboratory periods per week for one year based on the following topics:

Electrical circuit and network analysis, including polyphase systems.

Energy conversion and transfer by rotating machines and transformers.
Electrical measurements and instrumentation.
Introduction to analogue methods and analogue computer techniques.

TL92. Electronics (T).

A course of two lectures and two laboratory periods per week for one year based on the following topics using Malmstadt, Enke, and Toren, *Electronics for Scientists* as a text-book:

Review of electrical measurements. Power supplies for electronic equipment. Amplification by vacuum tubes and transistors. Amplifier circuits. Oscillators. Comparison measurements. Servo systems. Operational amplifiers. Electronic switching, timing and digital counting systems. Transducers; ultrasonic circuitry; magnetic recording.

General Studies.

THIRD YEAR

TM03. Mathematics IIIA.

The course comprises one hour lecture and one hour tutorial per week throughout the year. A selection will be made from the following; group theory; orthogonal polynomials; series solution of ordinary and partial differential equations; calculus of variations; integral equations; Eigen functions.

TP03. Applied Physics III.

A course of five lectures, one tutorial and ten laboratory periods per week for one year covering the following topics:

Elementary quantum (wave) mechanics. Structure analysis. Solid state-transport properties. Geophysics (including introductory geology) (ten lectures). Physics of non-destructive testing.

Either

TT93. Introductory Metallurgy for Physicists.

Two hours lectures and three hours practical for two terms.

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.

Laboratory work to illustrate the subject matter of the lectures.

and

TM93. Programming I (P).

For syllabus see Subject Index.

and

TP93. Control Studies.

A course of one lecture and two laboratory periods per week for two terms covering the following topics:

General theory of automatic control systems and broad applications, with emphasis on transducers.

Instrumentation and analogue simulation.

Introduction to non-linear topics.

Or

SZ71. Biology.

General Studies.

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).

Study techniques, including use of library presentation of data, use of English, report preparation. Elementary engineering drawing. An introduction to metallurgical laboratory techniques.

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.

General Studies.

Either

TG81. Literature and Society.

Or

TG91. Social and Technological History.

For syllabuses see Subject Index.

SECOND YEAR

TM02. Mathematics IIA.

TH02. Physical Chemistry II (T).

For syllabuses see Subject Index.

TN12. Mineral Processing I.

An introduction to mineralogy and mineral processing theory.

TT22. Industrial Metallurgy I.

Review of the machinery and techniques of commercial metal fabrication and heat treatment processes. Consideration of the use of refractories and fuels in secondary metallurgical and engineering industries.

TH92. Engineering Service.

For syllabus see Subject Index.

General Studies.

THIRD YEAR

TN13. Mineral Processing II.

Study of theoretical aspects of selected topics in mineral processing.

TT63. Extraction Metallurgy.

Essential features of the commercial processes of charge preparation, smelting, refining and ingot casting of the common metals; the theoretical bases for these processes in terms of classical thermodynamics and reaction kinetics.

TT83. Metallurgical Process Analysis.

The analysis of primary metallurgical processes in terms of mass energy and momentum transport.

TH93. Process Control.

An introduction to the techniques of industrial instrumentation and automatic control of processes. The fundamental principles underlying control circuits; stability and response.

TT92. Metallurgical Techniques.

The application of modern techniques and equipment to the study of metallic systems.

General Studies.

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).****General Studies.**

*Either***TG81. Literature and Society.***Or***TG91. Social and Technological History.**

For syllabuses see Subject Index.

SECOND YEAR

TM02. Mathematics IIA.**TH02. Physical Chemistry II (T).****TT02. Physical Metallurgy IA.**

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 elementary principles of crystallography and crystal defect theory.

TT22. Industrial Metallurgy I.**TT92. Metallurgical Techniques.**

For syllabuses see Subject Index.

TT12. Engineering I (T).

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.

General Studies.

THIRD YEAR

TT03. Physical Metallurgy IIA.

Introduction to modern alloy theory and its applications. Classical and statistical thermodynamic analysis of solid and liquid metallic solutions. Qualitative consideration of work hardening, fatigue, creep and fracture of metals in terms of crystal defect theory. Alloy phase transformations. Corrosion and oxidation of metals.

TT23. Industrial Metallurgy II.

The casting of metals. Introduction to theory and practice of commercial metal fabrication and heat treatment. Non destructive testing. Specifications. Special property alloys. Component failure analysis.

TT73. Extraction Metallurgy A.

Elementary consideration of ore beneficiation and processes of smelting, refining and ingot casting of common metals. Hydro-metallurgical and electro-metallurgical techniques of extraction. By-product treatment.

TT13. Engineering II (T).

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 moment of areas, moments of inertia.

Bending moment and shear force diagrams, elastic stress and strain, Hooke's Law, normal and shear stresses, tension, compression shear; bending of homogeneous beams, torsion of circular shafts.

Text-books:

Timoshenko, and Young, D. H., *Elements of strength of materials* (Van Nostrand).

Merriam, J. L., *Mechanics*, vol. 1, *Statics* (Wiley).

Machine drawing, dimensioning and tolerancing; selection of fits; design factors, permissible stresses; circular shafts, keys, couplings, graphical determination of slope and deflection; anti-friction bearings; belt drives; chain drives; wire ropes; mechanical design to crane and hoist code; screwed fastenings; joining by mechanical fastenings; welding and adhesives; gaskets, packing, seals; pressure vessels, pipes, valves; plain bearings—self-lubricated and thin film.

General Studies.

**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).****General Studies.***Either***TG81. Literature and Society.***Or***TC91. Social and Technological History.**

For syllabuses see Subject Index.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

SG83. Geology I (Engineering).**TC01. Surveying I.**

For syllabuses see Subject Index.

TN02. Mineral Engineering I.

Pre-requisite subjects: Geology I or IA.

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 and production and treatment of ores and minerals.

The study of environmental factors, economics and legislation in the mineral industry.

TK02. Engineering Mechanics II.

For syllabus see Subject Index.

General Studies.

THIRD YEAR

TK22. Mechanical Design I.**TN03. Mineral Engineering IIA.**

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 IIAT.

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.

TN83. Mineral Engineering IID.

Principles of mineral exploration, and the testing and evaluation of mineral deposits.

TN93. Applied Geology.

For syllabus see Subject Index.

TC73. Hydraulics (T).

For syllabus see Subject Index.

TE72. Electrical Engineering SC (T).

For syllabus see Subject Index.

General Studies

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).

TA91. 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 Horrock, 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).

General Studies.

Either

TM81. Literature and Society.

Or

TM91. Social and Technological History.

For syllabuses see Subject Index.

SECOND YEAR

TM02. Mathematics IIA.

For syllabus see Subject Index.

TM22. Programming II.

Pre-requisite subject: Programming I.

Assembly language; Cobol programming; diagnostic aids; monitor systems; advanced Fortran; sorting and merging.

TM92. Statistics.

TA92. Economics (T).

For syllabuses see Subject Index.

General Studies.

THIRD YEAR

TM53. Numerical Mathematics I.**TM73. System Analysis.**

For syllabuses see Subject Index.

TM23. Programming III.

Pre-requisite subject: Programming II.

Multi programming; multiprocessing; interface techniques; theory of programming language; data transmission.

TU83. Administration.

Plant layout; critical path scheduling; function and responsibilities of office manager; work environment, planning the office layout; procedure analysis techniques; design of forms; records management and filing; office machines and appliances; public finance; revenue and loan finance; functions and authority of Auditor-general; supply, inventory control.

TM63. Operations Research I.

Pre-requisite subjects: Mathematics IIA, Statistics.

Linear programming, dynamic programming, Monte Carlo methods, queueing theory, inventory control, simulation of organizations and decision processes, classification techniques, time series applications, Markov chains and forecasting, game theory, and applications of operations research.

General Studies.

DEGREE OF BACHELOR OF PHARMACY

FIRST YEAR

TM91. Mathematics IB.**TP01. Applied Physics I.****TH01. Chemistry I (T).**

For syllabuses see under Faculty of Technology and Applied Science.

SZ71. Biology.

For syllabus see under Faculty of Science, Department of Zoology.

SECOND YEAR

TH12. Organic Chemistry II (T).

For syllabus see under Faculty of Technology and Applied Science.

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.

Pre-requisite subjects: Chemistry I, General Physics, General Mathematics, Biology. Candidates who have not completed Pharmaceutical Chemistry I must take it concurrently with Pharmaceutics I.

Introduction to the History of Pharmacy:

History of Pharmacy to circa 1800 A.D.

Dispensing:

Consideration of dosage forms; the preparation, stabilisation, packaging and storing of: fluid dispersions of soluble and insoluble substances, drugs in powder or granular form, preparations formed by moulding or compression, semi-solid preparations for topical application.

Pharmacy:

Solvents—polar, non-polar, semi-polar, solubility of gases in liquids, liquids in liquids and solids in liquids, determination of solubility, colligative properties, solubility of slightly soluble electrolytes, solubility of weak electrolytes and effect of pH, influence of solvents on drug solubility, distribution of solutes between immiscible solvents. Colloid state, preparation and purification of colloidal systems, properties of colloidal systems, stability of colloidal systems. Interfacial phenomena, gas/liquid, liquid/liquid, liquid/solid and gas/solid interfaces,

isotherms, evaluation of adsorbents, evaluation of particle size. Surface active agents, chemical nature and physical properties, exploitation in wetting, detergency, solubilisation, foams, anti-foaming agents, emulsification—theories of emulsification. Unit operations and processes; drying, evaporation, distillation, particle size-classification and particle size evaluation, filtration, sedimentation, centrifugation.

Text-books:

- British Pharmacopoeia* (Pharmaceutical Press).
British Pharmaceutical Codex (Pharmaceutical Press).
 Bentley, A. O., *Text book of pharmaceutics* (Baillière, Tindall and Cox).
 Martin, A. N., *Physical pharmacy* (Lea and Febiger).
 Martindale, W. H., *The extra pharmacopoeia*, vol. I (Pharmaceutical Press).

Reference books:

- Husa, W. A., *Pharmaceutical dispensing* (Mack).
 Martindale, W. H., *The extra pharmacopoeia*, vol. II (Pharmaceutical Press).

Microbiology:

Historical introduction and the development of microbiological method, anatomy of the bacterial cell, yeast and pathogenic fungi; major groups of bacteria and yeasts, morphology and physiology; rickettsiae and viruses. Factors affecting the growth and death of bacteria, nutritional requirements, cultivation, isolation, sterilisation, bacteriostatic and bactericidal agents. Host-parasite relationship, infection, resistance, immunity. Hypersensitivity and allergy.

Text-book:

- Fairbrother, R. W., *A text-book of bacteriology* (Heinemann).

Reference books:

- Stanier, R. Y., and others, *The microbial world* (Prentice-Hall).
 Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

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; practical exercises illustrative of the microbiology course.

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.

Pre-requisite subjects: Organic Chemistry II, Pharmaceutical Chemistry I, Pharmaceutics I.

Candidates who have not completed Pharmaceutical Chemistry II must take it concurrently with Pharmaceutics II.

Viscosity, anomalous viscosity, the rheology of emulsions, suspensions and semi-solid dispersions. Complexation—metallic complexes, molecular organic complexes, protein binding; complexation and drug action. Kinetics of drug stability; kinetics of drug absorption and the principles underlying sustained release formulation. Radioactivity—the measurement and application of radio-active tracer methods.

The principles underlying the extraction of the active constituents of crude drugs, animal tissues and body fluids. Enzymes of pharmaceutical importance.

Sterilisation methods, the preparation of parenterals, ophthalmic solutions, irrigations, the sterilisation of surgical dressings, ligatures, sutures, instruments. Aseptic methods of compounding and distribution. Sterility tests. The evaluation of bacteriostatics and bactericides—the kinetics of disinfection. Industrial fermentation processes of pharmaceutical interest with particular reference to the production of antibiotics. Micro-organisms in biological assay. The preparation of immunological and diagnostic agents, criteria and methods of assay. The modes of action of certain groups of antimicrobial agents; synergism and drug resistance.

Practical:

Nine hours a week for one year.

Exercises in dispensing and pharmaceutical formulation; experiments with systems exhibiting anomalous viscosity, emulsifying systems and their evaluation, the determination of particle size, diffusion from topical applications, the preparation of compressed tablets and their evaluation.

The production of sterile preparations for parenteral and ophthalmic use, involving the autoclave, chemical agents, filtration through a bacteria-proof filter, aseptic compounding and distribution, sterility tests. Evaluation of bacteriostatics and bactericides. Joint practical exercises detailed in Pharmaceutical Chemistry II.

Text-books:

- Those listed for Pharmaceutics I, and in addition:
 Sykes, G., *Disinfection and sterilisation* (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.).

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.

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^o School of the South Australian Institute of Technology.

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FOR 1967

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	Laboratory	—	11-1‡	—	—	—
RA54	Professional Practice II	—	—	—	—	11‡
	(Organization and Management)	—	—	—	—	12‡
RA64	Urban and Regional Planning and	—	—	—	12‡	—
	Urban Design I	—	—	—	11‡	—
RA34	Architectural Design & Planning IV	—	—	—	—	—
RA44	Studio Work IV††	—	—	—	—	—
RA98	Preliminary Honours Seminars ..	—	9‡	9‡	—	—
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	—	9‡	—	—	—
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.

*Lectures held at Institute of Technology.

†Alternative times.

‡‡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.

TIME-TABLES FOR 1967
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	4.45	—	—	—	—
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 (Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 10.30
AD11	Educational Psychology IA	≠	≠	≠	≠	≠
AD30	Educational Psychology II	—	—	—	—	4.45
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
	Evening	—	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
AJ83	Geography IIC	—	—	—	4.15	—
AJ03	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical*	—	—	4.15-6.15	—	—
AG01	German I	12, 2	—	10	—	—
AG11	German IA	—	9	9	9	9
AG02	German II—Day	—	10	11	11	—
	Evening	6.15-8.15	—	6.15	—	—
AG12	German IIA	—	10	11	11	—
AG03	German III	9	—	9	9	—
AG87	German IIB	—	—	4.15	4.15	—
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	—
AD14	History of Education I††	≠	≠	≠	≠	≠
AD10	History of Education II	4.45	—	—	—	—
AF99	Honours French	≠	≠	≠	≠	≠
AG99	Honours German	—	10, 12	—	10, 12	—
AC01	Latin I—Day	11†	11	11†	—	11
	Evening	5.15- 6.15†††	—	—	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	—	—

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
AE87	Old and Middle English I	≠	≠	≠	≠	≠
AE88	Old and Middle English II					
AF77	Old and Middle French I	≠	≠	≠	≠	≠
AF78	Old and Middle French II					
AL01	Philosophy I—Day	11	—	—	11	—
	Evening	—	5.15	—	—	5.15
AL02	Philosophy II	5.15	5.15	—	—	5.15
AL03	Philosophy IIIA	6.15	—	5.15	—	5.15
AL13	Philosophy IIIB	≠	≠	≠	≠	≠
AP01	Politics I—Even Years	—	6.15	—	—	6.15
	Odd Years	—	9	—	—	9
AP02	Politics IIA—Even Years	9	—	—	9	—
	Odd Years	6.15	—	—	6.15	—
AP12	Politics IIB—Even Years	9	—	—	9	—
	Odd Years	6.15	—	—	6.15	—
AP03	Politics IIIA—Even Years	5.15	—	—	5.15	—
	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†	—	—	10†, 5.15†	—
	Laboratory	≠	≠	≠	≠	≠
AY71	Psychology IA	10†, 5.15†	—	—	10†, 5.15†	—
AY02	Psychology IIA—Lectures Even Years	11	2.15	—	—	—
	Odd Years	4.15	—	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory—Even Years	—	—	—	9-12†	—
	Odd Years	—	—	—	4.15-7.45¶†	—
AY12	Psychology IIB—Lectures Even Years	4.15	—	5.15	—	—
	Odd Years	11	2.15	—	—	—
	Statistics	—	—	—	—	4.15
	Laboratory—Even Years	—	—	—	1.15-4.15††	—
					4.15-7.45††¶	—
	Odd Years	—	—	—	9-12††, 1.15-4.15††	—
AY03	Psychology IIIA—Lectures Even Years	5.15	—	4.15	—	—
	Odd Years	—	3.15	2.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory—Even Years	—	4.15-6.15	—	4.15-6.15	—
	Odd Years	—	—	10-12	2.15-4.15	—
AY13	Psychology IIIB—Lectures Even Years	—	2.15	2.15	—	—
	Odd Years	5.15	—	4.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory—Even Years	—	10-12	—	10-12	—
	Odd Years	—	4.15-6.15	—	4.15-6.15	—
AG74	Science German	—	9	—	9	—
AD24	Sociology of Education I (Full-time students)	≠	≠	≠	≠	≠
	(Part-time students)	—	—	—	—	Sat. 9
AD20	Sociology of Education II††	—	—	—	—	—
AD04	Theory of Education I††	≠	≠	≠	≠	≠
AD00	Theory of Education II††	—	—	—	—	—

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.
 †Alternatives.
 ≠Times to be arranged.
 ††Not available in 1967.
 †††Not available to part-time students in 1967.
 †††Available only if there are sufficient students.
 †First and Second terms only.
 *Other hours to be arranged.
 ¶Includes ½ hour meal break.
 §Times to be arranged primarily to suit Honours students in the Department of Classics.

EVENING LECTURES IN 1967

FACULTIES OF ARTS, ECONOMICS AND SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
AH72	Australian History	—	4.15	—	—	4.15
SZ71	Biology—Lectures	—	5.15	—	5.15	—
	Practical	—	7-9.30	—	7-9.30	—
SC01	Chemistry I—Lectures	5.15	—	5.15	—	5.15
	Practical (at S.A.I.T.)*	7-10	—	7-10†	—	—
EC13	Commercial Law B	—	—	5.15	—	5.15
AD40	Comparative Education	4.45	—	—	—	—
AC23	Comparative Philology	5.15	—	—	5.15	—
EE01	Economics I	5.15	—	—	5.15	—
EE02	Economics II	—	—	5.15	—	5.15
EE13	Economic Development II	5.15	—	5.15	—	—
AJ71	Economic Geography	—	—	5.15	—	5.15
EE22	Economic Statistics I	5.15	—	—	5.15	—
EC01	Elements of Accounting	—	5.15	—	5.15	—
AD01	Education	≠	≠	≠	≠	≠
AD11	Educational Psychology IA	≠	≠	≠	≠	≠
AD30	Educational Psychology II	—	—	—	—	4.45
AE01	English I	—	5.15	—	—	5.15
AE02	English II	—	5.15	—	—	5.15
EC03	Financial Accounting	—	5.15	—	5.15	—
AF01	French I	—	6.15	—	—	6.15
SM81	General Mathematics ††	—	—	—	—	—
AG02	German II	6.15-8.15	—	6.15	—	—
AG87	German IIB	—	—	4.15	4.15	—
AJ01	Geography I—Lectures	5.15	—	5.15	—	—
	Practical (two hours)	≠	≠	≠	≠	≠
AJ03	Geography III—Lectures	—	4.15	—	4.15	4.15
	Practical††	—	—	4.15-6.15	—	—
SG01	Geology I—Lectures	—	5.15	—	5.15	—
	Practical (incl. tutorial)	—	6.15-8.15	—	6.15-8.15	—
AH01	History IA	4.15	—	—	4.15	—
AH12	History IIB	6.15	—	—	6.15	—
AH03	History IIIA	5.15	—	—	5.15	—
AH13	History IIIB	4.15	—	—	4.15	—
AD10	History of Education II	4.45	—	—	—	—
AC01	Latin I	5.15-6.15	—	—	5.15-7.15	—
EE41	Mathematics (Economics)	—	—	5.15	—	5.15
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	6.15	—	5.15	—	5.15
AP01	Physics I—Lectures	5.15	—	5.15	—	5.15
	Practical	—	—	6-9	—	—
AP02	Politics IIA	6.15	—	—	6.15	—
AP12	Politics IIB	6.15	—	—	6.15	—
AP13	Politics IIIB	—	5.15	—	—	5.15
	Practical Teaching and Methodology A					
AD21	(Pre-Primary)	≠	≠	≠	≠	≠
AD31	(Primary)	≠	≠	≠	≠	≠
AD41	(Secondary)	≠	≠	≠	≠	≠
AY01	Psychology I—Lectures	5.15	—	—	5.15	—
	Laboratory	≠	≠	≠	≠	≠

FACULTIES OF ARTS, ECONOMICS AND SCIENCE
—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
AY71	Psychology IA	5.15	—	—	5.15	—
AY02	Psychology IIA—Lectures	4.15	—	5.15	—	—
	Statistics	—	—	—	—	4.15
	Laboratory	—	—	—	4.15-7.45††	—
AY13	Psychology IIIB—Lectures	5.15	—	4.15	—	—
	Statistics	4.15	—	—	—	—
	Laboratory	—	4.15-6.15	—	4.15-6.15	—

Students are reminded that evening classes are held only if there are sufficient students.

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

*Candidates should consult the S.A. Institute of Technology authorities early in the year, especially about the practical work in Organic Chemistry.

††Evening Lectures in General Mathematics are not provided by the University. Students wishing to attend evening classes at the S.A. Institute of Technology must enrol at the Institute.

††Other hours to be arranged.

†Second term only.

‡Includes 30 minute meal break.

≠Times to be arranged.

¶First and Second terms only.

FACULTY OF ECONOMICS

EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EC00	Accounting (Business Management) ..	—	5.15	—	5.15	—
EE83	Agricultural Economics	—	—	9	9	—
EC13	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	≠	≠	≠	≠	≠
EE68	Economic Theory	—	2.15	—	2.15	—
EC01	Elements of Accounting	—	12	—	12	—
EC03	Financial Accounting	12	—	—	12	—
EE99	Honours Economics	≠	≠	≠	≠	≠
EC23	Industrial Sociology	≠	≠	≠	≠	≠
EC02	Management Accounting	—	5.15	—	5.15	—
EE41	Mathematics (Economics)	—	9	—	9	—
EE52	Public Finance	5.15	—	—	—	—
EE71	Social Economics	5.15	—	—	5.15	—

ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
EC00	Accounting (Business Management) ..	—	12	—	12	—
EE83	Agricultural Economics	—	—	9	9	—
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	≠	≠	≠	≠	≠
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	≠	≠	≠	≠	≠
EC02	Management Accounting	—	12	—	12	—
EE41	Mathematics (Economics)	—	—	5.15	—	5.15
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 ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
PRELIMINARY YEAR						
SM81	General Mathematics†					
	Lectures	4.15	—	4.15	—	4.15
	Tutorial	—	—	2	—	—
SP71	General Physics					
	Lectures	3	—	10	—	3
	Tutorial	—	—	3	—	—
	Practical (3 hours)	10-1	10-1	—	10-1	10-1
FIRST YEAR						
SC01	Chemistry I					
	Lectures	9 (A, B) 5.15 (D)	—	9 (A, B) 5.15 (D)	—	9 (A, B) 5.15 (D)
	Tutorial	—	11 (A), 12 (B)	2 (D)	—	—
	Practical (3 hours)	—	2-5	—	10-1, 2-5	2-5
SO83	Chemistry IB— (Part of Chemistry I)					
NX01	Engineering I—					
	Lectures	11 (A) 12 (B)‡	—	11 (A) 12 (B)‡	—	11 (A) 12 (B)‡
	Tutorial	—	12 (B)‡	—	12 (A)	—
	Practical (3 hours)	—	10-1	—	2-5	2-5
NX61	Engineering IA— (Part of Engineering I)					
SG01	Geology I—					
	Lectures	—	9	—	9	—
	Tutorial	—	—	2	—	—
	Practical (3 hours)	2-5	10-1	—	10-1	—
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, 12	—	—
	Practical (3 hours)	2-5	10-1, 2-5	—	10-1, 2-5	—
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)	2-4	—	2-4	—	2-4
OLD THIRD YEAR						
SM12	Applied Mathematics II—					
	Lectures	9	9	9	—	9
	Tutorial (1 hour)	—	—	—	9††	11
SO13	Chemistry IIB—					
	Lectures	—	—	11**	—	10**
NE03	Electrical Engineering I—					
	Lectures (3 hours)	11	—	11	10	11
	Tutorial	—	—	12	—	12
	Practical (3 hours)	—	—	2-5‡	2-5	—
NE73	Electrical Engineering S—					
	Lectures	—	10	—	10	—
	Practical (3 hours)	10-1‡, 2-5	—	—	—	2-5
TJ11	Engineering Drawing and Design—					
	Lectures	—	—	—	9	—
	Practical (3 hours)	10-1‡	2-5	2-5	—	—
SG83	Geology I (Engineering)—					
	Lectures	—	5.15	—	5.15	—
	Tutorial (1 hour)	—	—	12	12	—
	Practical	—	—	10-12	—	—

†Evening Classes in General Mathematics are available at the Institute of Technology only.

**First and second terms only. (A) (B) (C) (D) are alternatives.

‡To be held only if numbers require. ††Available to Electrical Engineers only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
NH73	Materials Science—					
	Lectures	10	—	10	—	—
	Practicals	—	—	—	—	2-4
SP02	Physics II—					
	Lectures	10	—	10	—	10
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical	2-5	10-1	—	—	—
NH03	Process Engineering I—					
	Lectures	—	10	—	—	—
	Tutorial	11-1*	—	—	—	—
NM83	Production Technology—					
	Lectures	—	—	12	—	—
	Practical	—	—	—	—	2-5
NC73	Strength of Materials—					
	Lectures	—	11	—	11	—
	Practical (3 hours)	2-5	2-5‡	2-5	—	—
NC83	Surveying A—					
	Lectures	—	—	—	—	10
	Practical	—	—	—	2-5	—
OLD FOURTH YEAR						
NC04	Civil Engineering I—					
	Lectures	—	10	10	10	—
	Practicals	—	—	—	2-5	10-1
NC94	Civil Engineering S—					
	Lectures	—	10	—	10	—
	Practical	2-5	—	—	—	—
EE94	Economics (Engineering)—					
	Lectures	10	—	12	—	—
	Tutorial (1 hour)	≠	≠	≠	≠	≠
NE04	Electrical Engineering II—					
	Lectures	9	9	9	—	9
	Tutorial	—	12	—	—	11
	Practical	—	2-5	—	—	—
NE73	Electrical Engineering S—					
	Lectures	—	10	—	10	—
	Practical	—	—	—	—	2-5
NE74	Electronics—					
	Lectures	—	—	11	—	—
	Practical	—	—	—	—	10-1***
TJ11	Engineering Drawing and Design—					
	Lectures	—	—	—	9	—
	Practical	—	—	2-5	—	—
NC74	Hydraulics A—					
	Lectures	—	11	—	11	—
	Practical	—	—	—	—	2-5
NC84	Instrumentation—					
	Lectures	—	—	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 (2 hours)	—	11	10	11	—
	Practical	—	—	—	—	2-5
NM74	Mechanical Engineering S (C)—					
	Lectures	—	9	—	9	—
	Practical	2-5	—	—	—	—

≠ Time to be arranged.

* First term only.

*** Second and third terms only.

‡ To be held only if numbers require.

FACULTY OF ENGINEERING—Continued.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
NM94	Mechanical Engineering S (Ch)—					
	Lectures	—	9	—	9*	—
	Practical	2-5**	—	—	—	—
SP02	Physics II—					
	Lectures	10	—	10	—	10
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical	—	—	—	2-5	2-5
NH04	Process Engineering IIA—					
	Lectures	—	—	—	12	10
	Tutorial	—	11-1	—	—	—
	Practical	—	2-5	—	—	—
NH74	Process Engineering IIB—					
	Lectures	9	—	9	—	9
	Seminars	—	—	10-1**	—	—
	Practical	—	—	2-5	—	—
NH84	Process Engineering IIC—					
	Lectures	10	—	—	—	—
	Tutorial	11	—	—	—	—
	Practical	—	—	—	2-5	—
SM02	Pure Mathematics II—					
	Lectures	12	—	12	12	12
	Tutorial (1 hour)	—	10	—	10	—
NC73	Strength of Materials—					
	Lectures	—	11	—	11	—
	Practical	2-5	—	—	—	—
OLD FIFTH YEAR						
NE35	Electrical Engineering A—					
	Lectures (4 hours)	9	9	9, 11	—	9
	Tutorial (2 hours)	—	12	12	—	11 12
	Practical (6 hours)	—	2-5	2-5‡	2-5	—
Timetables in other subjects to be arranged by Heads of Departments.						

≠ Time to be arranged.
 *First term only.
 **First and second terms only.
 ‡To be held only if numbers require.

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.	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
FIRST-YEAR SUBJECTS						
SB01	Botany I—					
	Lectures	—	9 2(X)†	—	9 2(X)†	—
	Tutorial (included in Practical) ..	—	—	—	—	—
	Practical (5 hours)	—	10-1(Z) 3-5.30 (X)† 2-4.30 (Y)†	—	11-1(Z) 3-5.30 (X)† 2-4.30 (Y)†	—
SZ71	Biology—					
	Lectures	—	9(A) 5.15(B)	—	9(A) 5.15(B)	—
	Tutorial (nil)	—	—	—	—	—
	Practical (5 hours)	10-12.30 (Z) 2-4.30(X) —	10-12.30 (Y) — 7-9.30(W)	—	10-12.30 (Y) — 7-9.30(W)	10-12.30 (Z) 2-4.30(X) —
SC01	Chemistry I—					
	Lectures	9(A, B) 2(E)‡ 5.15(C, D)	—	9(A, B) 11(E)‡ 5.15(C, D)	—	9(A, B) 2(E)‡ 5.15(C, D)
	Tutorial (1 hour)	—	11(A) 12(B)	12(C) 2(D, E)	—	—
	Practical (3 hours)	—	2-5 —	—	10-1 2-5	10-1 2-5
SM81	General Mathematics*					
	Lectures	4.15	—	4.15	—	4.15
	Tutorial (1 hour)	—	—	2	—	—
SP71	General Physics—					
	Lectures	3	—	10	—	3
	Tutorial (1 hour)	—	—	3	—	—
	Practical (3 hours)	10-1	10-1	—	10-1	10-1
SG01	Geology I—					
	Lectures	—	9(A) 5.15(B)	—	9(A) 5.15(B)	—
	Tutorial (1 hour)	—	—	12 2	—	—
	Practical (3 hours)	—	10-1 2-5	—	10-1 2-5	10-1 —
	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	—	11-1 2-4	—	11-1 2-4
SM71	Mathematics IS—					
	Lectures	10	—	10	10	10
	Tutorial (2 hours)	11-1 2-4	—	11-1 2-4	—	11-1 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(C, D) 12(A, B)	—	—
	Practical (3 hours)	10-1 2-5	10-1 2-5	—	10-1 2-5	10-1 —

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.

*Evening lectures in General Mathematics are not provided by the University. Students who wish to attend the evening classes at the S.A. Institute of Technology must enrol at the Institute of Technology.

†Botany: X to be held only if numbers exceed lecture theatre capacity. If not held, practical Y will be held.

‡Chemistry: E to be held only if numbers exceed lecture theatre capacity.

FACULTY OF SCIENCE—Continued

No.	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
SZ01	Zoology I—					
	Lectures	—	2	—	2	—
	Tutorial (nil)					
	Practical (5 hours)	—	10-12.30 (Z) 3-5.30(Y)	—	10-12.30 (Z) 3-5.30(Y)	—
SECOND-YEAR SUBJECTS						
WA02	Agriculture I—					
	Lectures	2	—	—	—	—
SM12	Applied Mathematics II—					
	Lectures	9	9	9	—	9
	Tutorial (1 hr.)	—	10	—	9, 10	11 (Eng.)
SY02	Biochemistry I					
	Lectures	9	—	9	—	9
	Tutorial (included with practical)					
	Practical (3 hours)	2-5(A)	—	—	—	2-5(B)
SB02	Botany II—					
	Lectures	11	—	—	—	11
	Practical (6 hours)	—	2-5	—	2-5	—
SC12	Chemistry II—					
	Lectures	12	—	12	12	—
	Practical (6 hours)	—	—	9-12, 2-5††	—	—
SJ02	Genetics I—					
	Part A Lectures	10	—	—	—	—
	Practical with Tutorial (3 hours)	—	—	2-5	—	2-5
	Part B Lectures	—	—	—	—	10
	Practical (2 hours)	3-5	—	10-12	—	—
SG02	Geology II—					
	Lectures	11	—	11	—	11
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical (6 hours)	2-4	—	2-4	—	2-4
SM22	Mathematical—					
	Statistics I—					
	Lectures	11	—	11	11	11
	Tutorial (2 hours)	—	—	—	2-4	—
S002	Organic Chemistry II—					
	Lectures	11	—	11	—	11
	Practical (6 hours)	—	10-5(A)	10-5(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)	10-5(C)
SP02	Physics II—					
	Lectures	10	—	10	—	10
	Tutorial (1 hour)	≠	≠	≠	≠	≠
	Practical (6 hours) (C at discretion of Department)	2-5(A)	10-1(A)	—	10-1(C)	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	12	—	12	12	12
	Tutorial (1 hour)	—	9, 10	—	9, 10	—

Alternatives are indicated by A, B, C, etc.

≠ Time to be arranged.

†† Chemistry II: Under certain circumstances a second practical session may be made available on Tuesday or Thursday. Applications must be made to the Head of the Department.

‡‡ Organic Chemistry II, Practical Group (C): This class is intended for students studying B. Pharm.; other students will be allowed into this class only with the permission of the Head of Department.

§§ Additional 2 hours practical work to be arranged.

¶ Psychology IS: First and second terms only.

FACULTY OF SCIENCE—Continued

No.	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
SZ02	Zoology II— Lectures Practical	— 2-4||(A) — **(C)§	9 10-1(A) 2-5§(B) **(C)§	— 10-12||(B) — **(C)§	9 10-1(A) 2-5(B)§ **(C)§	10|| — — **(C)§
THIRD-YEAR SUBJECTS						
SM13	Applied Mathematics III— Lectures (5 hours) Tutorial (1 hour)	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10 ≠
SY03	Biochemistry II— Lectures Tutorial (1 hour) Practical (8 hours)	12 ≠ all day	— ≠ —	12 ≠ all day	12 ≠ —	— ≠ —
SB03	***Botany III— Lectures Practical (12 hours)	10 —	— all day	10 —	— all day	10 —
SJ03	Genetics II Lectures (3 hours) Practical (8 hours)	9, 10 ≠	— ≠	9, 10 ≠	— ≠	9, 10 ≠
SG03	Geology III— Lectures Practical (12 hours)	9 ≠	10 ≠	9 ≠	10 ≠	9 ≠
MA13	Histology— Lectures Practical (10 hours)	— —	9 all day	— all day	9 —	12 —
SF03	Mathematical Physics A— Lectures (5 hours) Tutorial	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10 ≠	9, 10, 11 ≠
SF13	Mathematical Physics B— Lectures (5 hours) Practical	9, 10, 4 —	9, 10, 12 —	9, 10 —	9, 10, 12 all day	9, 10, 11, 4 —
SM23	Mathematical Statistics II— Lectures (4 hours) Tutorial (2 hours)	11 ≠	— ≠	11 ≠	11 ≠	11 ≠
SK03	Microbiology— Lectures Tutorial Practical (10 hours)	— ≠ —	9 ≠ 9-1, 2-5	— ≠ —	9 ≠ 9-1, 2-5	— ≠ —
S003	Organic Chemistry III— Lectures Practical (12 hours)	9 all day (A)	— all day (A)	9 —	— all day (B)	9 all day (B)
SG13	Palaeontology— Lectures Practical	≠ ≠	≠ ≠	≠ ≠	≠ ≠	≠ ≠
SC03	Physical and Inorganic Chemistry III Lectures Practical (12 hours)	— all day (A)	9 all day (A)	— —	9 all day (B)	2 all day (B)
SP03	Physics III and Physics IIIH Lectures Practical (9 hours)	4 all day	12 —	— all day	12 all day	4 all day
SS03	Physiology II— Lectures Practical	11 —	— —	11 —	— all day	11 2-5
AY83	Psychology IIS— Lectures Statistics Tutorial (1 hour) Practical (7 hours)	5.15 — ≠ —	— — ≠ 5.15-7.15†††	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	Zoology III— Lectures Practical (9 hours)	9 2-5	2††† 3-5†††	9 —	— —	9 all day

Alternatives are indicated by A, B, C, etc.

||Zoology II: 12 Lectures on Quantitative Biology, Part B of Genetics I, commencing at beginning of first term.
§Zoology II: During first term students in Groups B and C will also be required to attend the practical laboratory from 10.00 to 10.30 a.m. ***Botany III: includes Mycology given at Waite Institute.

**Zoology II: C will be arranged if staff and space permit. Footnote *Zoology II will apply to students in Group C. ≠Time to be arranged. †††Genetics and Evolution—Second Term only.

¶First and second terms only. †††Psychology IIS: An additional 5 hours practical to be arranged.

DIPLOMA IN PHARMACY

THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
FF03	Botany and Pharmacognosy	All	11, 4	—	—	—	—
FF13	Commercial Pharmacy ..	All	9	—	—	—	—
FF23	Practical Pharmacy, Vol. Analysis and Drug Assay II— Lectures	All	10, 12	9, 11	—	—	—
	Practical	All	—	1-5	—	—	—

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	—	—	—
		part of 2 and 3	—	—	—	—	—

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**	Physiology	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)† Movement I (Theory)††			Physiology*	

*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.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1967

PART VI

GRADUATES AND ASSOCIATES OF THE UNIVERSITY

Graduates —

Past and present graduates	-	-	-	-	-	-	1203
Graduates who have taken Honours Degrees	-	-	-	-	-	-	1273
Associates of the University	-	-	-	-	-	-	1281

Allen, Shirley Hope, B.Sc.	1943	Andrews, Francis Brian, B.E.	1961
Allen, Thomas Howard, M.B., B.S.	1953	Andrews, James Stephen, B.E.	1964
Allen, William Douglas, B.Sc.	1934	Andrews, Jean Mary Agnes, B.A.	1948
Allert, Margaret Elizabeth, B.A.	1950	Andrews, Jennifer Ruth, B.A.	1958
Allison, Graham Bruce, B.Sc.	1964	Andrews, Judith Mary, B.A.	1957
Allison, John Kenneth, B.A.	1939	Andrews, Julian, M.B., B.S.	1932
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Andrews, Murray William, B.Sc.	1949
Almond, William Wesley, B.Sc. (Eng.)	1945	Angel, Laura Madeline, M.Sc. (B.Sc., 1931)	1938
Aloyah, Abdul Rahman, B.A.	1965	Angel, Mary Taylor, M.B., B.S.	1931
Alpers, John Henry, M.B., B.S.	1960	Angley, Ronald James, M.Sc. (B.Sc., 1951)	1954
Alpers, Michael Philip, B.Sc.	1956	Angove (nee Clare), Dorothy Cotgrave, B.A.	1912
M.B., B.S.	1961	Angove, Robert Alfred, B.Ec.	1968
Althorp, John Clark, B.A.	1965	Angove, Roger Clare, M.B., B.S.	1938
Altman, Olive Stella, B.A.	1948	Angus, Alistair McClure, B.Arch.	1966
Altmann, Arthur Richard, B.E.	1920	Angus, Barbara Ann, M.B., B.S.	1954
Altmann, Frank William, M.B., B.S.	1959	Angus, William, B.Sc. (Aberdeen, 1900)	1905
Altmann, Herbert Franz, M.B., B.S.	1922	Angus, William Roy, M.B., B.S.	1923
Alwyn, John Edward Stacey, M.B., B.S.	1958	Angwin, William Britton, B.Sc.	1909
Ambastha, Harendra Narayan Sinha, M.Ag.Sc.	1954	Annear, Douglas Innes, B.Sc.	1944
Ambrose, Betty Rosslyn, M.B., B.S.	1936	Annells, Ralph Edwards, B.D.S.	1951
Ambrose, John Rosslyn, M.B., B.S.	1943	*Annells, William Charles, M.A. (B.A., 1897)	1899
Amev, Douglas John, B.E.	1956	Anslley, Ralph William, Ph.D. (Alberta, 1963)	1965
Amev, Ian Frank, B.E.	1959	Anstey, Marie Therese, B.A.	1961
Amev, Lloyd Ronald, B.Ec.	1951	Antcliffe, Gault Anderson, Ph.D. (B.Sc., 1959)	1966
Amos, George Lewis, M.Sc. (B.Sc., 1936)	1939	Anthoney, Wayne Richard, B.Sc.	1961
Amos, Kenneth Albert, Ph.D. (B.Sc., 1960)	1965	Anthonisz, Matthew Wilfred, B.A.	1955
Ananda, George Devanyagam, M.B., B.S.	1965	Antic, Ratomir, M.B., B.S.	1965
Anastas, George, M.B., B.S.	1959	Antoniu, Dulcie, M.B., B.S.	1964
Ancans, Guntis Juris, B.Tech.	1964	Apostol, Vasille Papadimitriou, LL.B.	1952
Ancell, Brian Edward John, M.B., B.S.	1957	Appelbee, Peter Ronald, B.D.S.	1957
Andary, Dean, B.D.S.	1956	Appleby, Arthur George, B.E.	1923
Anders, Douglas John, B.Sc.	1936	Appleby, Cyril Angus, B.Sc.	1949
Anders, Ralph Charles, B.E.	1934	Appleby, Harold Henry, M.B., B.S.	1925
Andersen, Graham John, M.B., B.S.	1961	Appleby, Robert William, M.B., B.S.	1956
Andersen, Kerstin Lillemor, B.A.	1934	Appleby, Ronald Louis, B.Sc.	1950
Andersen, Neville Paul, LL.B.	1963	Appleton, Brian Scott, B.Arch.	1964
Anderson, Adrian Akhurst, B.E.	1925	Appleton, Edgar Arthur, B.A.	1949
Anderson, Alan Bruce, B.Sc.	1922	Appleton, Joan Mary, B.A.	1959
Anderson, Albert Raymond, M.B., B.S.	1951	Appleton, Kathleen Margaret, B.A.	1966
Anderson, Alex Gordon, B.Sc.	1953	Apps, Bert Frederick George, B.A. (Melbourne, 1934)	1949
Anderson, Alison Margaret, B.A.	1937	Araszkiewicz, Wieslaw, B.E.	1965
Anderson, Aubrey James Clifton, B.A.	1947	Arato, Gabor, B.D.S.	1964
Anderson, Barry Charles, B.Sc.	1962	Arbery, James Herbert, B.A.	1959
Anderson, Claude Leonard, M.B., B.S.	1933	Archer, Geraldine, M.B., B.S.	1948
Anderson, Colin Charles, B.Sc. (Eng.)	1944	Archibald, Francis Callum, M.B., B.S.	1944
Anderson, David Lee, B.Sc.	1966	Arcus, Wesley John, B.A.	1953
Anderson, Donald Robert Ross, M.B., B.S.	1947	Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931)	1934
Anderson, Dorothy Kathleen Ross, M.B., B.S.	1942	Ardlie, Neville Gordon, M.B., B.S.	1962
Anderson, Douglas Bruce, B.E.	1952	Ardmonong, Saksit, M.App.Sc.	1964
Anderson, Geoffrey Fraser, LL.B.	1943	Arend, Maureen Mignon, B.Sc.	1966
Anderson, Gordon Athol, Mus.Bac.	1958	Ariffin, Asiah binti, B.Sc.	1964
B.A.	1959	Arminas, Jurgis, B.Ec.	1962
Anderson, Graham Lancelot George, B.Sc.	1960	Armour, Patricia, B.A.	1966
Anderson, Gwendoline Mary, B.A.	1933	Armstrong, Gowen, B.A.	1951
Anderson, Ian Robert, B.Sc.	1963	Armstrong, Graeme John, B.App.Sc. (B. Tech., 1959, surrendered)	1961
Anderson, Isabella, B.A.	1930	Armstrong, John McDougall, Ph.D.	1963
Anderson, Jack Sidney, M.B., B.S.	1944	Armstrong, John Talbot, B.Tech.	1958
Anderson, Jillian Muriel, B.A.	1965	Armstrong, Ronald Gordon, B.Arch.	1966
Anderson, John Brayton, M.B., B.S.	1957	Arnold, Alan Ross, B.Tech.	1960
Anderson, John Julian, Ph.D.	1966	Arnold, Brian Kingsley, B.App.Sc.	1964
Anderson, John Robert, Ph.D. (Cambridge, 1954)	1966	Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Anderson, Joseph Garry, B.Tech.	1961	Arnold, Herbert Rex, B.A.	1950
Anderson, Kevin, M.D. (London, 1951)	1960	Arnold, Maurice, B.E. (B.Sc. (Eng.), Natal, 1940)	1961
Anderson, Malcolm Webber, B.E.	1955	Arnold, Richard Walker, B.Sc.	1962
Anderson, Margaret Jean, B.Ec.	1964	Arnold, Terrence Dunmore, B.Tech.	1964
Anderson, Max Kimberley, M.B., B.S.	1943	Arnold, William Robert, B.E.	1948
Anderson, Paul Joseph, M.B., B.S.	1962	Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Anderson, Peter, B.Tech.	1964	Arthur, Brian Barry, LL.B.	1954
Anderson, Peter Cameron, M.B., B.S.	1955	Arthur, Neill Fleming, B.E.	1966
Anderson, Robert Paul, LL.B.	1962	Arthur, Neville Langsford, B.Sc.	1961
Anderson, Ronald Alexander, B.Sc.	1948	Artis, Michael John, B.A. (Oxford, 1959)	1966
Anderson, Sesca Ross, LL.B.	1941	Arula, Kustas, B.D.S.	1956
Anderson (nee Lewis), Sylvia Hilda, M.Sc. (B.Sc., 1950)	1954	Arya, Michael Gosit, B.Sc.	1952
Anderson, William Moffat, B.E.	1920	Asche, Judith Lesley, B.A.	1966
Andrew, Brian William, B.E.	1948	Ash, Arthur Louis George, B.A.	1907
Andrew, Hugh Graham, M.B., B.S.	1941	Ashby, Enid Lucy, B.Sc.	1947
Andrew, Ray Vernon, D.Litt. (Potchefstroom, 1960)	1962	Ashby, Grant James, B.Sc.	1966
Andrew, Rodney Kenneth, B.A.	1966	Ashby, Hazel Gwyneth, B.Sc.	1945
Andrew, Ronald Headland, M.B., B.S.	1953	Ashcroft, John, B.Ec.	1958
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932)	1947	Ashdown, John Peter, B.Tech.	1958
Andrews, Alexander James, B.Ec.	1962	Ashenden, Dean John, B.A.	1964
Andrews, Anthony John, B.Sc.	1963		
Andrews, Brian Keith, B.Tech.	1965		

• Deceased

Barker, Shelley, Ph.D. (Western Australia, 1960)	1965
Barker, Shirley Bowman, M.B., B.S.	1954
Barkham, Nigel Frederick, B.Tech.	1964
Barlow, Arthur John, B.Sc.	1949
Barlow, Bryan Alwyn, Ph.D. (Sydney, 1960)	1966
Barlow, Douglas Arthur, B.Sc.	1942
Barlow, Douglas John, M.B., B.S.	1959
Barlow, Grace Barbara, B.A.	1951
Barlow, Marguerite Mora, M.B., B.S.	1947
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Barlow, Peter Francis, B.E.	1962
Barnard, Howard Lucas, B.E.	1924
Barnard, Marguerita Mira, B.A.	1911
Barnden, Frederick Wayne, B.Ag.Sc.	1962
Barnden, Leighton Reginald, B.Sc.	1965
Barnden, Vina Melba, Mus.Bac.	1935
Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951
Barnes, David Thomas, M.B., B.S.	1951
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959
Barnes, Frederick Lynne, B.Sc.	1938
Barnes, Geoffrey Lynne, B.Sc.	1966
Barnes, Marjorie Joyce, LL.B.	1937
Barnes, Peter Thomas, M.B., B.S.	1965
Barnes, Robert, M.B., B.S.	1948
Barnes, Ronald David, B.Ec.	1955
Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950
Barnett, Michael Powell, M.B., B.S.	1963
Barnett, Roger Ernest, B.Sc.	1963
Barnett, Samuel Powell, M.B., B.S.	1927
Barnfield, George Thomson, LL.B.	1937
Barr, Alan Marshall, M.B., B.S.	1957
Barr, Helen Elizabeth, B.Sc.	1947
Barr, Ian Lewis, M.B., B.S.	1966
Barr, Trevor Frank, B.A.	1966
Barratt, Lindsay John, M.B., B.S.	1965
Barrett, Arthur Jeremy, B.Ec.	1959
Barrett, Beverley Noelle, B.A.	1960
Barrett, Harold John, B.A.	1956
Barrett, Judith Eleanor, B.Sc.	1964
Barrett, Lynne Mary, B.A.	1966
Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949
Barrett, William Vernon, B.A.	1949
Barrett-Lennard, Lancelot, M.B., B.S.	1947
Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938
Barrien, John, B.E.	1948
Barritt, Gregory John, B.Sc.	1966
Barritt, Lola Marjory, B.A.	1955
Barrow, Christopher Graham, M.B., B.S.	1963
Barrow, Kevin David, B.Sc.	1963
Barrow, Natalia, M.B., B.S.	1963
Barrow, Peter McKee, B.Ag.Sc.	1949
Barry, Brian Robert, B.Ec.	1950
Barter, Brian Fenton, LL.B.	1963
Barter, Christopher John, B.E.	1965
Barter, Colin Edwin, M.B., B.S.	1962
Barter, Francis Charles, LL.B.	1931
Barter, Ian Walter, M.B., B.S.	1962
Barter, Janet Elizabeth, B.A.	1963
Barter, Kenneth Edwin, B.A.	1931
Barter, Philip John, M.B., B.S.	1965
Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953
Barter, Ruth Estelle, B.A.	1931
Bartholomaeus, Clifford Geoffrey, B.E.	1930
Bartholomaeus, Edmund Stanley, B.A.	1914
Bartholomaeus, Richard Voules, B.D.S.	1955
Bartlett, Nancy Irene, B.A.	1939
Bartlett, Brian Mervyn, B.Sc.	1949
Bartlett, John Phillip, B.Sc.	1966
Bartlett, William John, M.A. (B.A., 1912)	1914
Bartley, Helen Louise, B.A.	1962
Barton, Alan Reginald, B.Sc.	1962
Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960
Barton, David Charles, M.B., B.S.	1956
Barton, Felix Kingston, B.A.	1911
Bartsch, Kenneth Murray, B.E.	1958
Bartsch, Malcolm Ian, B.A.	1966
Bartusek, Josef, B.E.	1965
Bartusek, Karel, B.Sc.	1963
Barwell, Mary Gilbert, B.A.	1926
Barwick, Ian James, B.Arch.	1966
Barwick, Noel Kenneth, M.B., B.S.	1965
Basedow, Bernhard Frederick, B.Ec.	1954
Basedow, Karl Johannes, M.B., B.S.	1938
Basheer, Keith Cameel, M.B., B.S.	1953
Basheer, Max Rafeek, LL.B.	1952
Basheer, Ray, B.E.	1962
Bassett, Maxwell Auinger, B.Ec.	1951
Basson, Alfred Graham, M.Ag.Sc. (B.Ag.Sc., 1960)	1965
Basten, Antony, M.B., B.S.	1964
Basten, Sir Henry Bolton, M.A. (Oxford, 1954)	1954
Bastian, Elwin Scott, B.A.	1956
Bastian, Peter Desmond, B.Med.Sc.	1966
Basto, Antonio Alberto, B.Ec.	1957
Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931
Batchelor, John, B.E.	1956
Bateman, Gretel Mary, B.Sc.	1956
Bateman, Peter Patrick, M.B., B.S.	1950
Bateman, Roger George, B.Sc.	1966
Bateman, Wilfrid, B.Sc.	1941
Bateman, Winston Trevor, B.E.	1956
Bates, Betty, B.Sc.	1939
Bates, Brian Lewis, B.Sc.	1947
Bates, David George, M.B., B.S.	1966
Bates, Robert Thomas James, M.B., B.S.	1962
Bates, William George James, B.E.	1935
Bateup, John Fraser, B.E.	1960
Batt, Keith Alfred, B.A.	1966
Battersby, Robert Hilton, B.Arch.	1961
Bath, Donald James, B.E.	1950
Battye, Gavin Ross, B.E.	1949
Baudinet, Walter Hooper, M.B., B.S.	1935
Bauer, Franz, M.B., B.S.	1942
Bauer, Noel Westley, B.Sc.	1962
Baum, Murray Richard, B.A.	1955
Baumanis, Iona Yvonne, LL.B.	1964
Bawden, Albert Victor, B.A.	1930
Bawden, Maxwell George, M.B., B.S.	1954
Bawden, Thomas Edward, B.Sc.	1956
Baxter, Reginald Robert, B.Sc.	1912
Baxter, Robert Crawford, B.Ag.Sc. B.Ec.	1959
Bayer, David, B.E.	1961
Bayliss, Colin Evan, M.B., B.S.	1964
Bayly, Elizabeth Jean, B.A.	1951
Bayly, Michael Wykeham, B.Tech.	1960
Baynes, William Hendrie, B.A.	1963
Bayne, William, B.A.	1961
* Bazeley, Austin Joseph, B.D.S.	1955
Bazeley, Francis, B.E.	1950
Beach, Stephen Rodney Napier, B.Tech.	1966
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.	1922
Bean, Malcolm James Layton, B.D.S.	1947
Beancy, Harold Leigh, M.E. (B.E., 1932)	1954
Beard, Donald Douglas, M.B., B.S.	1959
Beard, Jack Roland Stanley Grose, M.B., B.S.	1947
Beard, Malcolm James, B.Ec.	1914
Beard, Roland Maurice Charles Georges, M.B., B.S.	1966
Beardwood, David Arthur, M.B., B.S.	1946
Beare, Adrienne Ruth, B.Sc.	1966
Beare, Hedley, B.A.	1963
Beare, Helen, B.A.	1954
Beare, James Hudson, M.B., B.S.	1966
Beare, John Alan, B.Ag.Sc.	1958
Beare, Lynden Day, B.A.	1937
Beare, Thomas Hudson, M.B., B.S.	1960
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1952
Bearman, Imelda, B.A.	1951
Beasley, Peter Robert Noble, B.D.S. (Sydney, 1945)	1952
Beasley, Victor John, B.A.	1965
Beaton, Doris Jean, LL.B.	1957
Beattie, Robin Riddell, M.B., B.S.	1940
Beauchamp, Edward Benjamin, LL.B.	1966
Beauchamp, Geoffrey Peter, B.Sc.	1927
Beaumont, Gordon Dean, M.S. (M.B., B.S., 1959)	1964
Beaumont, Olive Sowter, B.A.	1966
Beaumont, Paul Charles, B.A.	1939
Beaussant, Philippe Jacques Henri, B.A. (L.èsL., Paris, 1959)	1921
Beck, Alan Beavis, D.Sc. (B.Sc., 1930, M.Sc., 1932)	1966

* Deceased

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, 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, Barbara Helen, M.B., B.S.	1956
Beer, Donald Robert, B.A.	1961
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
D.D.Sc.	1935
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918
Behrens, Dietrich Wilhelm Frido, B.A.	1960
Behrndt, 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, Rebecca, B.A.	1964
Beltrame, Cino Ernest, B.E.	1957
Bender, Jill Margaret, B.A.	1954
Beniulis, 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
B.A.	1962
Bennett, Henry Trevor, LL.B.	1950
Bennett, James Gordon, B.E.	1966
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	1958
Bennett, John Barkly, M.B., B.S.	1947
Bennett, John Henry, Ph.D. (Cambridge, 1952)	1957
Bennett, John Nelson, LL.B.	1944
Bennett, Keith McQuarrie, B.E.	1925
Bennett, Malcolm Gordon, B.A.	1958
Bennett, Mary Gilmour, B.Sc.	1951
Bennett, Richard Barkly, M.B., B.S.	1948
Bennett, Richard Clayton, M.S. (M.B., B.S., 1954)	1966
Bennett, Thomas Southall, B.A.	1933
Bennett, William Barkly, M.B., B.S.	1956
Bennetts, Ian Burns, B.A.	1964
Bennier, Donald John, B.E.	1951
Benny, Geoffrey Kenelm, B.Tech.	1965
Benskin, Frederick George, M.A. (Oxford, 1900)	1923
Benson, Colin John, M.B., B.S.	1953
Benson, Maurice Bernard, B.A. (London)	1950
Benson, Richard Neville, M.B., B.S.	1953
Benson, William Herbert, M.B., B.S.	1951
Bent, Bernard Henry, B.E.	1964
Bentley, Alan, M.B., B.S.	1953
Bentley, Barbara Claire, B.A.	1964
Bentley, John Donald, B.A.	1951
Bentley, William James, B.A.	1935
Beresford, Anthony Charles, B.Sc.	1965
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949
Beretka, Julius Gyula, M.Sc.	1962
Berndt, Judy Margaret, B.A.	1966
Berndt, Kenneth Lewis, B.Sc.	1937
B.A.	1943
Berndt, Margaret Burgoyne, B.A.	1962
Berriman, Ian Palmer, B.E.	1955
Berriman, Peter Souter, B.Sc.	1954
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered)	1919
Berry, Christine, B.A.	1963
Berry, Frances Winifred, M.A. (B.A., 1915)	1919
Berry, Leslie Thomas McCloud, B.Sc.	1962
Berry, Patricia Dean, B.Sc.	1952
Berry, Philip Alan, M.Sc. (B.Sc., 1919)	1934
Berry, Thomas Bruce, B.D.S.	1953
Berryman, Donald Wilson, B.Tech.	1962
Berryman, Maurice James, B.E.	1956
Bert, Ernest Julius, B.E.	1921
Besanko, Patricia June, B.A.	1964
Besley, Robert Ellis, B.Sc.	1966
Bessant, Dorothy Elizabeth, B.A.	1952
Best, Effie Deland, B.Sc.	1953
Best (nee Deland), Effie Wyllie, M.Sc., (B.Sc., 1926)	1930
Best, Michael Robert, Ph.D. (B.A., 1961)	1966
Best, Rupert Faraday, B.Tech.	1960
Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	1948
Bested, Gordon John, B.A.	1942
Bested, John Charles, B.Tech.	1965
Betcher, Kelvin Bernard, M.B., B.S.	1961
Betheras, Frank Rex, M.B., B.S.	1957
Bettison, Irvine James, B.A.	1961
Bettison, Margaret Selina, B.A.	1949
Bettison, Suzanne, B.A.	1964
Betts, Beatrice Berenice, B.A.	1933
Betts, William James, M.B., B.S.	1941
Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	1960
Bevan, Medhurst Llewelyn Willett, LL.B.	1931
Bevan, Rosalind Mary Willett, LL.B.	1959
Beven, Annette Thelma, B.A.	1966
Beven, Raymond Harold, B.Sc.	1962
Beverley, David William Ernest, B.E.	1951
Beverley, Douglas Andrew, B.Sc.	1966
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Beviss, Archibald Charles Kidman, B.A.	1943
Bhavilai, Rawi, M.Sc.	1952
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	1944
Bice, Christine Margaret, B.A.	1964
*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920
Bickerton, Ian James, B.A.	1961
Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935
Bickley, Garry Clifford, B.A.	1965
Biddle, Enid Barbara, B.A.	1948
Biddle, Gordon Crawford, B.Sc.	1950
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958
Biele, Keith William, B.Ec.	1952
Biennert, Gunter Horst, B.Sc.	1960
B.A.	1965
Bieske, Elaine Alison, B.Sc.	1962
Biezaitis, Laima Asja, B.Sc.	1963
Biezaitis, Sandra Mara, B.Mus.	1966
Biggins, George Edward, B.E.	1960
Bigham, Donald Alexander, B.Sc.	1963
Billing, Robert Heaton, B.Ec.	1960
Billinghurst, Harry, B.E.	1954
Billinghurst, Onslow Chestle, B.E. B.Ec.	1958
Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	1952
Bills, Allan Maynard, B.A.	1931
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Bills, David Charles, B.Sc.	1950
Bills, Lawrence McAusland, LL.B.	1937
Bills, Malcolm Bruce, B.D.S.	1947
Bilney, Gordon Neil, B.D.S.	1962
B.A.	1966
Bilney, Neil Joseph, B.A.	1938
Bilton, Anthony Herbert, M.B., B.S.	1958

* Deceased

Binks, Charles Christopher Agar, LL.B.	1966	Bleby, Thelma Evelyn, LL.B.	1923
Binks, Jennifer Anne, M.A. (B.A., 1962)	1966	Blesing, Neville Victor, B.Sc.	1962
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937	Blesing, Rae Flora, B.A.	1947
Birch, John Bright, M.B., B.S.	1915	Blesing, Robert Graham, B.Sc.	1966
Birch, Louis Charles, D.Sc. (M.Sc., 1941)	1949	Blight, John Malcolm, B.Sc.	1950
Birchall, Michael Andrew Wardlaw, LL.B.	1965	Blight, Thomas David, B.Sc.	1951
Birchall, Nicholas John Wardlaw, LL.B.	1958	Bloomfield, Allan John, B.D.S.	1939
Bird, Alan Francis, M.Sc.	1955	Bloomfield, Denis Alexander, M.B., B.S.	1956
Bird, Peter Allan, B.A.	1953	Bloomfield, Jack Lee, B.Ec.	1943
Birdseye, Sydney Alick, M.B., B.S.	1951	Blown, William Baker, B.E.	1930
Birks, Peter Macintyre, M.B., B.S.	1934	Blum, John, B.D.S.	1955
Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	1960	Boas, Isaac Herbert, B.Sc.	1899
Birks, Walter Gordon, M.B., B.S.	1937	Boas, Robert Victor, B.E.	1966
*Birks, Walter Richard, B.Sc.	1910	Boase, Judith Mary, B.Sc.	1964
Birrell, Archibald Novar, B.E.	1957	Bock, Robert John, B.Tech.	1965
Bishop, Anthony Ralph, LL.B.	1961	Bockman, David, M.B., B.S.	1959
*Bishop, John, Mus.Doc. (D.Mus., Melbourne, 1963)	1964	Bodmer, Noel Frederick John, M.B., B.S.	1955
Bishop, John Neil, B.Ec.	1958	Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949)	1955
Bishop, Lyall Everard, B.Tech.	1964	Boehm, Jack, LL.B.	1952
Bishop, Michael Marriott, B.E.	1960	Boehm, Rolfe Vernon, B.E.	1935
Bishop, Peter Joseph, B.E.	1962	Boehm, Walter Gotthilf, B.A.	1953
Bishop, Robert Raymond, B.Sc.	1963	Boehmer, Sonya Anita, B.A.	1964
Bishop, Ronald Maxwell, B.Tech.	1965	Boer, Edward Douglas, M.B., B.S.	1942
Biswas, Samarendra Nath, Ph.D.	1958	Boeree, Robert Machiel, Ph.D.	1964
Bitmead, Francis Vincent, B.A. (Western Australia, 1949)	1960	Boettcher, Barry, Ph.D. (B.Sc., 1962)	1966
Bittner, Anita, B.A.	1956	Bogner, Robert Eugene, M.E. (B.E., 1956)	1959
Black, Adrian Robert, B.Tech.	1965	Bolin, Beverley Louise, B.E.	1948
Black, Andrew Barham, B.Med.Sc. M.B., B.S.	1963	Bollen, Derek Willoughby, LL.B.	1951
Black, Edward William, Mus.Bac.	1925	Bollen, Kenneth Willoughby, M.B., B.S.	1918
Black, Eustace Couper, M.B., B.S.	1910	Bollen, Michael Dean, M.B., B.S.	1963
Black, Ian Donald, B.A.	1964	Bollen, Peter Willoughby, B.Sc.	1957
Black, James Foster Barham, B.E.	1955	Bolt, Janet, B.A.	1961
Black, John Nicholson, D.Sc.	1965	Bond, Leonard Gordon, B.A.	1924
Black, Nancy Helen Barham, M.B., B.S.	1951	Bond, Roy Douglas, B.Tech.	1958
Black, Robert Barham, M.B., B.S.	1963	Bone, Maxwell Harold, B.A.	1938
Blackburn, Sir Charles Bickerton, B.A.	1893	Bonig, Alois Otto, B.A. (Melbourne, 1959)	1961
Blackburn, Harold Stewart, M.B., B.S.	1942	Bonner, Brian Christopher, B.Sc. M.B., B.S.	1950
Blackburn, John Stewart, B.A.	1914	Bonner, Helen Marjorie, B.A.	1957
Blackburn, Margaret Alison, B.A.	1951	Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	1964
Blackburn, Richard Arthur, B.A.	1939	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947
Blackburn, Robert Stewart, B.D.S.	1941	*Bonnin, Lansell, M.B., B.S.	1941
Blackburn, Suzanne Burton, M.B., B.S.	1948	Bonnin, Murray Frew, LL.B.	1936
Blackburn, Trevor Robert, B.Sc.	1964	B.A.	1947
Blacket, Alison Flora, B.A.	1954	Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944
Blacket, Arthur Howard, B.A.	1927	Bonython, Charles Warren, B.Sc.	1938
Blacket (nee Dickinson), Edith Grace, B.A.	1926	Bonython, John Langdon, B.A. (Cambridge, 1923)	1928
Blacket, Margaret Edith Wilmot, B.A.	1960	Bonython, Richard Martin, B.Ag.Sc.	1957
Blackman, Betty Grace, B.Sc.	1963	Booker, Robert Franklin, M.A. (B.A., 1927)	1933
Blackman, Lynette Nancy, B.A.	1960	Boomer, Robert Garth, B.A.	1962
Blackmore, Gerda, B.A.	1958	Boomsma, Clifford David, M.Sc. (B.Sc., 1946)	1949
Blackwell, Muriel, B.A.	1954	Boon, Kwong Kah, B.E.	1959
Blackwell, Philip Walter, B.Sc.	1964	Boord, Frederick Hughes, B.A.	1956
Blades, James Frederick, B.A.	1947	Boord, Leslie, B.E.	1953
Blaess, Frank Haydn, B.A.	1964	Booth, Edward Stirling, B.Sc.	1932
Blaess, Frederick John Henry, M.A. (B.A., 1938)	1943	Booth, Jean Marie, Mus.Bac.	1944
Blaess, Ronald Frederick, B.A.	1943	Borchardt, Mary Pauline, B.A.	1961
Blagrove, Robert John, B.Sc.	1964	Borick, Kevin Vincent, LL.B.	1959
Blair, David Scott, B.E.	1949	Borland, Francis Thomas, M.A. (Melbourne)	1952
Blair, Joan Scott, B.A.	1949	Boros, Peter George, B.E.	1959
Blair, Ruth Margaret, B.A.	1951	Borrow, Keith Travers, LL.B.	1939
Blake, Alastair Joseph, B.Sc.	1962	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947
Blake, Milton Audley, B.Sc.	1923	Bosher, Peter Abel, B.E.	1950
Blake, Richard Scott, B.Sc.	1964	Bosher, Victor James Marcel, M.Sc. (B.Sc., London)	1949
Blakeway, Lionel Norman, B.A.	1948	*Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931)	1938
Blanch, Beverley Ruth, B.Sc.	1956	Boswell, Roderick William, B.Sc.	1965
Blanden, Robert Vincent, M.D.S. (B.D.S., 1961)	1966	Both, Roger James, B.Sc.	1965
Blandy, Charles William Douglas, B.E.	1963	Both, Ross Andrew, B.Sc.	1960
Blandy, Richard John, B.Ec.	1961	Botham, John Robert, B.Ag.Sc.	1950
Blanks, Brent, B.Arch.	1965	Botten, Robert Gray, M.B., B.S.	1949
Blanksby, John William, B.Sc.	1961	Bottrill, Dean Edward, B.Ag.Sc.	1961
Blanksby, Peter Ernest, B.Sc.	1964	Bottruff, Peter Jeffrey, B.E.	1964
Blaskett, Alan Charles, B.Sc.	1950	*Boucaut, James Penn, LL.B.	1939
Blaskett, Donald Reginald, B.E.	1940	Boucaut, William Ray Penn, B.Sc.	1958
Blaskett, Kenneth Selway, B.E.	1931	Boundy, Clive Alfred Paul, B.E.	1935
Blaskett, Malcolm John, B.E.	1959	Boundy, Rex, B.E.	1923
Blaskett, Sydney Norman, B.E.	1928	Boundy, William Stevenson, B.Sc.	1950
Bleby, David John, LL.B.	1963	Bourke, Elma Marie, B.A.	1933
Bleby, Dorothy Aileen, B.A.	1930	Bourke, Herbert Merwin, M.B., B.S.	1922
Bleby, Gordon Edward Henry, LL.B.	1931	Bourke, Malcolm Cornelius, B.Sc.	1949
Bleby, John Raymond, B.A.	1933	Bourne, Barrie Strathmore, B.A.	1966
		Bowden, John Gilmore, B.Sc.	1954
		Bowden, Kevin Benjamin, B.E.	1951
		Bowden, Wallace Auckland, M.B., B.S.	1953

• Deceased

Bowen, Graeme Philip, B.E. - - - -	1964	Bray, William Harry, LL.B. - - - -	1951
Bowen, Maurice Emanuel, LL.B. - - - -	1956	Brazel, James Francis, LL.B. - - - -	1926
Bower, Cathy Hilary, B.A. - - - -	1952	Brazier, John Richard, B.A. - - - -	1948
Bowering, Beryl, M.B., B.S. - - - -	1933	Brazier, Vincent John, B.D.S. - - - -	1965
Bowering, Douglas Charles, M.B., B.S. - - - -	1954	Breakley, Angus James, B.E. - - - -	1953
Bowering, Michael Lester Wheatley, LL.B. - - - -	1964	Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931) - - - -	1939
Bowering, Owen James Wheatley, B.Sc. - - - -	1964	Brealey, Keith Lisle, B.Sc. - - - -	1951
Bowering, Owen Wheatley, M.B., B.S. - - - -	1937	Brearley, Maurice Norman, Ph.D. - - - -	1958
Bowering, Richard Samuel Wheatley, M.B., B.S. - - - -	1966	Brebner, Charles Ross, LL.B. - - - -	1954
Bowering, Ronald Teasdale, B.D.S. - - - -	1965	Brebner, Donald Malcolm, LL.B. - - - -	1951
Bowes, Colin Robert, B.Sc. - - - -	1945	Bree, Ellen Ruth, B.A. - - - -	1942
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945) - - - -	1948	Bree, Joan Alison, B.Sc. - - - -	1948
Bowes, Keith Russell, M.A. (B.A., 1955) - - - -	1958	Brennan, Maxwell Howard, Ph.D. (Sydney, 1958) - - - -	1964
Bowey, Allan Edgar, B.Sc. - - - -	1953	Brentnall, George Rex, M.B., B.S. - - - -	1953
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - -	1949	Bretag, Allan Hugo, B.Sc. - - - -	1964
Bowey, Ross Richard, M.B., B.S. - - - -	1948	Brett, Horace William Walter, Ph.D. (B.Sc., 1951) - - - -	1957
Bowler, John Kirkpatrick, M.B., B.S. - - - -	1937	Brett, Ian David, B.App.Sc. - - - -	1965
Bowler, Michael John, LL.B. - - - -	1965	Brett, Peter Robin, B.Sc. - - - -	1956
Bowles, John Raymond, B.Sc. - - - -	1961	Brewster, James William, B.E. - - - -	1966
Bowman, Pamela Dawn, B.A. - - - -	1966	Breynard, Keith Beaumont, B.E. - - - -	1956
Bowness, Alexander, B.Ec. - - - -	1947	Brice, Annette, B.A. - - - -	1954
Bowness, Helen, B.Sc. - - - -	1965	Brice, Emilie Una, B.A. - - - -	1937
Bowyer, Donald Albert, B.E. - - - -	1957	Brice, Helen Elizabeth, B.Sc. - - - -	1953
Bowyer, Richard Dean, B.Tech. - - - -	1964	Brice, Ian David, B.A. - - - -	1965
Box, David Richard, B.Tech. - - - -	1962	Brice, John Marshall, B.Sc. - - - -	1951
Boyce, Althea Enid, B.A. - - - -	1930	Briceson, Colin Herbert, B.A. - - - -	1966
Boyce, Colin John, B.Arch. - - - -	1962	Brideson, Hedley Cyril, B.A. - - - -	1943
Boyce, Kevin Gilbert, B.Ag.Sc. - - - -	1964	Bridge, Kennedy James, B.A. - - - -	1959
Boyce, Malcolm Herbert, B.Tech. - - - -	1960	Bridgewater, Franklin Herbert Griffin, M.B., B.S. - - - -	1963
Boyce, Peter James, B.Tech. - - - -	1960	Bridgland, Milton Deane, B.Sc. - - - -	1942
Boyce, Robert William, B.E. - - - -	1954	Bridgland, Reginald James, M.E. (B.E., 1930) - - - -	1935
Boyce, Sidney Herbert, B.E. - - - -	1928	Brigden, James Bristock, B.A. (Oxford, 1920) - - - -	1926
Boyd, Ashley James, B.Sc. - - - -	1960	Briggs, Basil Hugh, Ph.D. (Cambridge, 1952) - - - -	1963
Boylan, Francis Eugene, LL.B. - - - -	1953	Bright, Ann, B.A. - - - -	1965
Boyle, Kevin William, B.E. - - - -	1940	Bright, Charles Hart, B.A. - - - -	1934
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) - - - -	1947	LL.B. - - - -	1934
Boyley, Maxwell John, B.E. - - - -	1964	Bright, David Flaxman, LL.B. - - - -	1966
Brabham, Roy Andrew, B.E. - - - -	1956	Brilla, Josef, D.Sc. - - - -	1966
Brace, Richard Howard, B.A. - - - -	1966	Brimage, Robert Frederick, M.B., B.S. - - - -	1964
Bracken, Anthony John, B.Sc. - - - -	1965	Brindal, Rosemary Barbara, M.B., B.S. - - - -	1949
Bracken, Maurice John, B.A. - - - -	1947	Brindal, William Harley, B.D.S. - - - -	1956
Bradbury, James Samuel, B.Tech. - - - -	1960	Brine, Barry John, B.Tech. - - - -	1965
Braddock, Lyall Arthur, B.Ec. - - - -	1944	Brinkworth, Peter Charles, B.A. - - - -	1964
Braddock, Pamela Joyce, B.Sc. - - - -	1966	Brisbout, John Augustus Roger, M.B., B.S. - - - -	1950
Braddock, Roger David, B.Sc. - - - -	1964	Brissenden, Alan Theo, Ph.D. (London, 1962) - - - -	1963
Braden, Allan Walter Horace, B.Sc. - - - -	1947	Britton, Robert John, B.A. - - - -	1966
Bradley, James, B.Tech. - - - -	1959	Broadbent, Eric Elihu, M.B., B.S. - - - -	1917
Bradley, Michael Charles, M.A. (B.A., 1955) - - - -	1960	Broadbent, Henry Neil Gribble, B.E. - - - -	1952
Bradshaw, Douglas Richard, B.Sc. - - - -	1965	Broadbent, Ian Nicholas, M.B., B.S. - - - -	1954
Bradtko, Walter John, M.B., B.S. - - - -	1960	Broadbridge, Leonard William, B.Sc. - - - -	1963
Bragg, Sir William Lawrence, C.H., B.A. - - - -	1908	Broadfoot, Kenneth Davidson, B.E. - - - -	1954
Braham, Henry Arnold Collyer, B.A. - - - -	1959	Brock, Brian James, B.Sc. - - - -	1961
Brain, Patricia Ethel, M.B., B.S. - - - -	1957	Brock, Erland Jeffrey, M.A. (B.A., 1955) - - - -	1965
Brame, Alan John Fisher, B.E. - - - -	1951	Brock, Rex Richard Ashby, M.B., B.S. - - - -	1949
Bramwell, Myra Gladys, B.A. - - - -	1940	Brock, Robert John, B.E. - - - -	1955
Brand, Ian Allen George, M.B., B.S. - - - -	1957	Brockhoff, John Ashleigh, B.Sc. - - - -	1956
Brandstater, Bernard John, M.B., B.S. - - - -	1951	Brockhurst, Peter John, B.Tech. - - - -	1959
Brandstater, Rhona, B.Sc. - - - -	1949	Brocksopp, John Ernest, LL.B. - - - -	1934
Branford, Basil Luke, B.Ec. - - - -	1964	Brockway, George Ernest Emerson, B.Sc. - - - -	1921
Branford, John Andrew, B.Tech. - - - -	1960	Broinowski, Helen Mary, M.B., B.S. - - - -	1962
Branford, Neil Leslie, B.Ec. - - - -	1959	Broinowski, Richard Philip, LL.B. - - - -	1962
Branson, Colin William, B.Ec. - - - -	1953	Brokensha, Peter, B.E. - - - -	1950
Branson, Dean Martin, M.B., B.S. - - - -	1955	Brokenshire, Alan Richard, B.Sc. - - - -	1962
Branson, Harold Randolph, M.B., B.S. - - - -	1921	Bromfield, Donald Hamilton, M.B., B.S. - - - -	1946
Branson, Kenneth George, B.Ec. - - - -	1961	Bronner, Rudolph, M.A. (B.A., 1912) - - - -	1926
Branson, Robert James, B.Ec. - - - -	1962	Brook, Donald Leslie, B.E. - - - -	1949
Branson, Rodman Wayne, B.E. - - - -	1964	Brook, John Frank Hay, B.Tech. - - - -	1966
Brasch, Leonard William, B.Sc. - - - -	1950	Brook, John Oliver, B.Sc. - - - -	1962
Brauer, Arne, B.Ec. - - - -	1960	Brook, Richard John, B.Sc. - - - -	1956
Brauer, Edwin Harold, B.A. - - - -	1947	Brook, Robert Renk, B.Sc. - - - -	1962
Brauer, Herman Gustav Adolph, M.A. (Wis- consin, 1899) - - - -	1905	Brooke, Anthony Lackington, B.Sc. - - - -	1964
Brauer, Renata Anna, B.A. - - - -	1965	Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935) - - - -	1939
Brauer, Thomas, B.Tech. - - - -	1959	Brooke, Malcolm Archibald, B.E. - - - -	1925
Braunthal, Norman Frank, B.Ec. - - - -	1947	Brooke, Peter Michael, B.E. - - - -	1958
Brawn, May, M.A. (B.A., 1922) - - - -	1924	Brooke, William Charles Robert, B.E. - - - -	1931
Bray, Andrew Mackie, M.E. (B.E., 1950) - - - -	1960	Brooke, William John Lackington, B.Sc. - - - -	1966
Bray, Elva Mildred, B.A. - - - -	1941	Brooker, John Owen, B.Sc. - - - -	1963
Bray, Gildart Harvey, M.A., (Aberdeen, 1890) - - - -	1891	Brooker, Murray Ian Hill, B.Ag.Sc. - - - -	1957
Bray, Isabel Mary, B.Sc. - - - -	1951	Brooker, Peter Ian, B.Sc. - - - -	1965
Bray, John Jefferson, LL.D. (LL.B., 1932) - - - -	1937	Brookman, Benjamin Edward, M.B., B.S. - - - -	1944
Bray, John Marmion, B.Sc. - - - -	1942	Brookman, Beverley Paquita, B.Sc. - - - -	1963
Bray, Kenneth William Arthur, M.A. - - - -	1962	Brookman, Graham George, B.E. - - - -	1949
Bray, Robert Stow, B.Sc. - - - -	1942	Brookman, John Gordon, B.E. - - - -	1937
Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928) - - - -	1930		

* Deceased

Brookman, John Ragless, M.E. (B.E., 1913)	1925	Brownhill, Michael Harrington, B.Sc.	1964
Brooks, Brian John, B.E.	1951	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	1951
Brooks, Bruce Allen, B.E.	1960	Brownson, Carol, B.Sc.	1966
Brooks, Colin Charles, B.Sc.	1959	Bruce, Clifford Roy, B.A.	1949
Brooks, David Gordon, B.Tech.	1963	Bruce, Robert Lake, B.Tech.	1960
Brooks, David Stirling, M.E. (B.E., 1955)	1958	Bruce of Melbourne, The Right Honourable Viscount; Stanley Melbourne Bruce, LL.D. (Cambridge, 1923)	1926
Brooks, George Herbert, B.Sc. (Eng.)	1943	Bruer, Michael Jeffrey Gartrell, B.A.	1960
Brooks, Hector Buckland, B.Ag.Sc.	1954	Brummit, Donald William, M.B., B.S.	1938
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955	Brummit, Peter Elliott, M.B., B.S.	1957
Brooks, James Alfred, B.Sc.	1952	Brummit, Robert, M.B., B.S.	1955
Brooks, Jennifer Ann, B.Sc.	1963	Brunt, Maureen Doris, B.Ec. (B.Com., Melbourne, 1951)	1960
Brooks, Joyce Dardanella, B.A.	1945	Bryan, Claude John Dennis, M.B., B.S.	1950
Brooks, Julie Ann, B.A.	1965	Bryan, Peter Kaye, M.B., B.S.	1954
Brooks, Merle Olive, B.A.	1947	Bryant, Kenneth Hyett, M.B., B.S.	1955
Brooks, Mervyn Leslie, B.Sc.	1948	Bryant, Kevin Harry John, B.Sc.	1962
Brooks, Richard Rodney, B.E.	1935	Bryce, Eric Albert, Mus.Bac	1962
Broomhead, Edwin Norman, M.A. (B.A., 1938)	1940	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931	Bryson, Helen Anne, B.A.	1963
Brougham, John Harvey, B.E.	1960	Bryson, Margaret Elise, B.A.	1966
Broughton, Graham Ross, B.A.	1966	Bubela, Bohdan, Ph.D. (B.Sc., 1961)	1965
Broughton, Rodney Whitfield-Smith, B.E.	1953	Bubner, Kenneth Max, B.A.	1962
Brous, Michel, M.B., B.S.	1945	Buchan, Howard James, B.Sc. (Sydney, 1950)	1955
Brown, Alexander, LL.B.	1966	Buckley, Joseph Edward, B.Sc.	1950
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926	Buckett, Reginald Clement, B.E.	1931
Brown, Barry Lloyd, B.Tech.	1964	Buesing, Kuno Wilhelm Nicolaus, B.A.	1964
Brown, Carolyn Mary, B.A.	1966	Buick, Donald Robert, B.Sc.	1966
Brown, Cyril Maitland Ash, B.A.	1932	Buick, Ross Raymond, B.Tech.	1962
Brown, Denis Hackett, M.Sc. (B.Sc., 1960)	1964	Buick, William George, B.A.	1956
Brown, Donald Edgar, B.A.	1954	Bulbeck, Francis Paul, B.E.	1951
Brown, Dougal Hamilton, B.E.	1948	Bull, Anthony James, B.Sc.	1964
Brown, Enid Norma, B.A.	1939	Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	1953
Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914	Bull, Maxwell Kenneth, Ph.D. (Southampton, 1963)	1965
Brown, Frederick George, B.A. (London, 1898)	1906	Bull, Patricia Anne, B.Sc.	1964
Brown, Garry Leslie, B.E.	1910	Bull, Winnifred, B.A.	1943
Brown, Garth Raymond, B.Ag.Sc.	1961	Bullas, Leonard Raymond, M.Sc. (B.Sc., 1953)	1957
Brown, Geoffrey Frank, B.Sc.	1952	Bullas, Vernon Lindsay, B.A.	1966
Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946)	1961	Bulling, William John, B.E.	1939
Brown, Geraldine Whittle, B.Sc.	1949	Bullock, John Hynam, B.E.	1936
Brown, Graham Barrett, B.E.	1952	Bullock, Peter John, B.E.	1966
Brown, Graham John, B.Tech.	1965	Bulkeley, Robert Ion Pierston, B.A.	1962
*Brown, Henry, M.A. (B.A., 1920)	1924	Bumbieris, Veneta, B.A.	1964
Brown, Howard Arthur, B.E.	1936	Bunday, David Hamilton, B.E.	1951
Brown, Ian, D.Sc. (B.Sc., 1940)	1938	Bunday, John Goode, M.B., B.S.	1947
Brown, Ian Jarvis, B.Arch.	1966	Bunbrock, William John, B.E.	1952
Brown, James Howard, M.B., B.S.	1944	Bungey, Lloyd Morris, B.Sc.	1964
Brown, Jennifer May, M.B., B.S.	1957	Bungey, Roger Saunders, B.Sc.	1952
Brown, Joan, B.Sc.	1954	Bunney, Bronte Rowland, B.Sc.	1951
Brown, John Arthur Stacy, B.Sc.	1951	Bunney, Judith Anne, B.A.	1956
Brown, Judith Eileen, M.Sc. (B.Sc., 1954)	1961	Burchett, Kemerli Ann, LL.B. (B.A.)	1953
Brown, Kenneth Aylesbury, B.D.S.	1950	Burchmore, John William, M.B., B.S.	1954
Brown, Kenneth Barnden, M.B., B.S.	1942	Burdett, John Charles, LL.B.	1959
Brown, Laurence Binet, Ph.D. (London, 1954)	1958	Burdett, John Francis, M.Ag.Sc.	1951
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948	Burdett, John Francis, M.Ag.Sc.	1964
Brown, Margaret, M.B., B.S.	1956	Burdon (nee McKostie), Ella Kate, B.A.	1915
Brown, Mary Home, B.Sc.	1902	Burdon, Geoffrey Jasper, B.E.	1949
Brown, Maurice William, M.B., B.S.	1954	Burdon, Ivor Leslie, B.A.	1943
Brown, Norman, B.A.	1952	Burdon, Kenneth Roy, M.B., B.S.	1949
Brown, Pauline, B.Sc.	1965	*Burdon, Roy Stanley, D.Sc. (B.Sc., 1916)	1935
Brown, Raymond George, Ph.D. (Birmingham, 1956)	1959	Burfield, Arthur, B.A.	1934
Brown, Raymond George, Ph.D. (B.Sc., 1960)	1966	Burfield, Brenton Graham, B.D.S.	1959
Brown, Reginald Dutton, B.Ec.	1945	Burfield, Geoffrey Donald, M.B., B.S.	1962
Brown, Richard Archibald, B.E.	1954	Burfield, Lance Samuel, B.E.	1940
Brown, Robert Foster, LL.B.	1936	Burford, Brenton John, B.Tech.	1965
Brown, Roger Norman, Ph.D. (B.Sc., 1952)	1959	Burford, Edward Brian, B.E.	1960
Brown, Ross Alvarez, M.B., B.S.	1951	Burford, John Roland, B.Ag.Sc.	1961
Brown, Tasman, M.D.S. (B.D.S., 1950)	1963	Burford, Mary Jill, B.Sc.	1957
Brown, Trevor Anthony, B.Tech.	1962	Burford, Noel Lindsay, B.Sc.	1963
Brown, Trevor Hedley, B.Ag.Sc.	1966	Burford, Peter James, B.Sc.	1966
Brown, Warwick Day, B.Sc.	1944	Burford, Robert Royce, B.Sc.	1955
Browne, Christopher Mervyn, B.Ec.	1964	Burford, Warren Lindsay, B.Sc.	1945
Browne, Francis Geoffrey, B.Tech.	1960	Burge, Betty Jean, B.Sc.	1965
Browne, Jeffrey Francis, LL.B.	1966	Burger, Geoffrey John, B.A.	1963
Browne, Noel John, M.B., B.S.	1953	Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927)	1940
Browne, Patrick Anthony, LL.B.	1963	Burgess, Alan Stanley, B.Sc.	1965
Browne, Patrick John, B.Sc.	1966	Burgess, Annie Frances, B.A.	1909
Browne, Phillip, M.A. (B.A., 1920)	1928	Burgess, John Albert, B.E.	1957
Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951)	1959	Burgess, Leslie Frank, B.Sc.	1908
		Burgess, Norman Cecil, B.E.	1923
		Burgess, Richard John, B.D.S.	1956
		Burgoyne, Leigh Alexander, B.Ag.Sc.	1962

* Deceased

Buring, Franz Maurice, B.E.	1923
Buring, Rupert Hermann Maurice, B.Sc.	1929
Burke, Philip Damien, B.Sc.	1958
B.A.	1965
Burleigh, Eric Charles, M.A. (Bristol, 1951)	1956
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
Burrow, Allan Lincoln John, B.Sc.	1937
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, Lilian, M.A. (Edinburgh, 1933)	1953
Buselli, Gioachino, B.Sc.	1966
Busuttill, Emanuel John, B.Tech.	1960
Butcher, Alan Edward, B.A.	1931
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.	1961
Butler, Deirdre Brigid, B.Sc.	1953
Butler, Frederick 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
Butler, Randal St. John Michael, M.B., B.S.	1954
Butler, Raymond 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
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 Walter, 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
Byers, Alan Edwin, B.Sc.	1965
Byles, Balduf Unwin, B.Sc.	1925
Byrne, Alfred Dudley, M.B., B.S.	1927
Byrne, Bernadette Marie Therese, B.A.	1950
Byrne, Graham Kearns, B.Tech.	1966
Byrne, Maurice John, B.Ag.Sc.	1962
Byrne, Osman Roy, Ph.D. (B.Sc., 1958)	1963
Byrne, Peter Dudley, M.B., B.S.	1966
Byrne, Peter Noel, B.Ag.Sc.	1952
Byrne, William Creedon, B.A.	1954
B.Ec.	1960
C	
Cabelli, Andre, B.E.	1966
Cacas, Michael George, M.B., B.S.	1965
Cadd, Paul, B.A.	1965
Cahalan, Maurice James, B.Sc. (Eng.)	1945
Caiger, Philip, Ph.D.	1965
Cain, Francis Michael, B.A.	1962
Cain, Peter William, B.Sc.	1966
Caines, Jeneppher Ellen, B.A.	1958
Caldecott, Donald Maxwell, B.Tech.	1961
Caldecott, Stanley John, B.Tech.	1960
Calder, David Everard, B.E.	1949
B.Ec.	1963
Calder, David William, B.A.	1964
Calder, Ian Campbell, Ph.D. (B.Sc., 1962)	1966
Calder, Rex Finlayson Cormack, B.E.	1927
Calder, Ronald Rex, B.E.	1950
Calder, Shirley Hilda, M.B., B.S.	1950
Calderwood, John Douglas, LL.B.	1960
Caldicott, Emma Victoria, B.A.	1927
Caldicott, William James Hughes, M.B., B.S.	1963
Caldwell, Hilda Valmai, B.Ec.	1941
Callaghan, John Phillip, B.A.	1952
LL.B.	1953
Callaghan, Kerry Allan, M.B., B.S.	1963
Callen, Roger Arthur, B.Sc.	1966
Callow, Donald Frederick William, B.Tech.	1960
Callus, Francis Arthur, B.Sc.	1954
Cambrell, Gregory Keith, B.E.	1964
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. (Queensland, 1959)	1966
Cameron, Robert Alastair, B.E.	1961
Cameron, Roy James, M.Ec. (B.Ec., 1948)	1951
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.	1898
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	1889
Campbell, Donald, LL.B.	1911
Campbell, Florence Wav, Mus.Bac.	1897
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Campbell, George McClelland, B.D.S.	1966
*Campbell, Gordon Cathcart, B.A.	1906
LL.B.	1909
Campbell, Ian Duncan, B.E.	1955

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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 Kingierley, 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, Alister Bevan McKinnon, M.B., B.S.	1962
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
Garrapetis, Steve, B.Tech.	1958
Carasso, Alfred Samuel, B.Sc.	1960
Gardens, David, M.B., B.S.	1953
Carey, Edward John, B.Ec.	1946
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906)	1924
Carey, Gerald David, B.Ec.	1958
Carey, 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
Carter, Colin Leslie, B.Sc.	1964
Carter, Edward Diment, B.Ag.Sc.	1949
Carter, Elijah, LL.B.	1957
Carter, Elizabeth Reay, B.A.	1942
Carter, Frank Killingbeck, B.Sc.	1961
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, 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
Catcheside, 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
Cathro, Keith James, Ph.D. (B.E., 1954)	1957
Caton, Christopher Nigel, B.A.	1966
Cattley, Anthony Edward, B.Tech.	1966
Cattrall, Robert Walter, Ph.D. (B.Sc., 1957)	1965
Causby, Donald James, B.E.	1950
Caust, David Kennings, M.B., B.S.	1946
Caust, Leslie James, M.B., B.S.	1954
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Cavenett, Brian Clifford, Ph.D. (B.Sc., 1960)	1965
Cawdie, 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
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, 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 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, Peter Noel, B.D.S.	1952
Chapman, Phillip John, M.B., B.S.	1963

* Deceased

Chapman, Stanley Bertram, B.Sc.	1931
B.E.	1934
Chapman, William Glanville, B.E.	1935
Chappell, Shirley Joan, B.A.	1959
Chappell, Andrew Charles, B.Ag.Sc.	1965
Chappell, John Francis, M.E. (B.E., 1952)	1966
Chappell, John Graham, B.Sc.	1950
Chappell, William Thomas, M.B., B.S.	1953
Chapple, Alfred, B.Sc.	1894
Chapple, Barry Edwin Exon, B.Sc.	1964
Chapple, Colin Frederic, M.B., B.S.	1936
Chapple, Harold, B.Sc.	1900
Chapple, Phoebe, B.Sc.	1898
M.B., B.S.	1904
Chard, June Myra, M.B., B.S.	1947
Charlesworth, George Harvey, B.A.	1953
Charlesworth, Jennifer Joy, B.A.	1964
Charlesworth, Thomas William, M.A., (B.A., 1925)	1932
Charlton, Douglas, B.Sc.	1966
Charlton, Peter James, B.Med.Sc.	1965
Charnock, John Stewart, Ph.D. (B.Sc., 1956)	1962
Charter, Brian, B.E.	1958
Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950)	1953
Chase, Brian Collison, B.E.	1956
Chau, Kai Kin, B.D.S.	1964
Cheah, Dolly, M.Sc. (B.Sc., 1959)	1962
Cheah, Sim Hunt, M.B., B.S.	1957
Cheek, Allison Mary, B.A.	1949
Cheek, Bruce Mansfield, M.A. (B.A., 1947)	1949
Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953
Cheek, Heather Anne, B.A.	1966
Cheek, Nancy Olive, M.B., B.S.	1942
Cheesman, Andrew Walford, B.A.	1959
Cheesman, Graham Frank, M.B., B.S.	1946
Cheesman, Robert Denyer, B.Arch.	1965
Chelwell, Thelma Loraine, B.Sc.	1954
Chenell, John Gordon Peake, B.Sc.	1951
B.Tech.	1962
Cheney, Kevin, M.D. (M.B., B.S., 1956)	1965
Cheng, Chung Kwong, Peter, B.D.S.	1962
Cheng, Mee Chooi, B.Sc.	1964
Cheong, Choong Kong, B.Sc.	1963
Cherry, Aileen Percival, B.A.	1934
M.B., B.S.	1949
Cherry, Edward Percival, M.B., B.S.	1938
Cherry, Robert James, B.Tech.	1960
Chesney, David Alexander, B.Sc.	1954
B.A.	1957
Chesney, Robert George, B.Sc.	1966
Chester, Harry Leonard, M.B., B.S.	1925
Chester, Leonard Raymond, B.Sc.	1951
Chesterman, Harry Martin, B.E.	1950
Cheung Hok Hoi, B.D.S.	1961
Cheuychit, Pradit, Ph.D.	1964
Chew, Boon-Hwa, B.Arch.	1966
Chew, Chong Kan, M.B., B.S.	1957
Chia, Ah Bah, B.Sc.	1964
Chia, Poh-Soon, Peter, M.B., B.S.	1964
Chibnall, Helen, B.Sc.	1944
Chicco, Bruno, B.Tech.	1963
Chick, John Bertram, B.Sc.	1948
M.B., B.S.	1955
Chick, Malcolm, Ph.D. (B.Sc., 1958)	1965
Chignell, Arthur Kent, B.A.	1900
Child, Marie Beatrice, B.A.	1926
Childs, John Tothill, B.D.S.	1952
Childs, Peter Anthony, M.B., B.S.	1953
Chin, Koy Nam, B.Sc.	1965
Chin, Peter, B.A.	1966
Chin, Shin Ping, B.Sc.	1965
Chin, Teck Min, M.B., B.S.	1965
Chin, Tung Shen, B.Tech.	1966
Chin, Yoon Fook, M.B., B.S.	1962
Chinner, Beryl Esther, Mus.Bac.	1947
Chinner, Christine Elizabeth, B.A.	1961
Chinner, Graham Alan, M.Sc. (B.Sc., 1953)	1955
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925)	1938
Chittleborough, Glen, B.Sc.	1956
Chittleborough, Jeffrey David, B.Sc.	1951
Chittleborough, John Lincoln, B.E.	1956
Chittleborough, Laurel Evelyn, B.A.	1947
Chittleborough, Lvall, B.A.	1960
Chittleborough, Margaret Anne, B.A.	1966
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948)	1952
Chivers, Robin Rayment, B.Med.Sc.	1966
Chmeliauskas, Stasys, B.A. (Ph.D., Leipzig, 1944)	1954
Cho, Wing Nam, B.Sc.	1966
Cho, Shue Nam, B.Sc.	1961
Choate, Max Paul, B.A.	1950
Chong, Boon Koh, Michael, B.A.	1961
Chong, Chee Tsun, M.B., B.S.	1959
Chong, Chow Pang, B.E.	1961
Chong, Keng Fong, Anna, B.Sc.	1964
Chong, Khey Cheow, B.Sc.	1964
Chong, Koon Seng, M.B., B.S.	1964
Chong, Peng Wah, B.Sc.	1960
Chong, Toh Kuan, B.E.	1963
Chong, Toh Sum, B.E.	1963
Chong, Yoon Hin, B.Sc.	1958
Choo, Chek Juan, B.Ec.	1950
Choo, Soo Bin, B.D.S.	1957
Choo, Suat Bee, B.Sc.	1959
Choong, Thong Cheong, B.E.	1962
Chopra, Pran Nath, B.A.	1963
Chow, Ching Thim, M.B., B.S.	1963
Chow, Huk Wing, B.D.S.	1961
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953)	1958
Christie, John Edwin Francis, B.E.	1966
Christie, Margaret, B.A.	1945
Christie, Patrick Joseph, LL.B.	1925
Christie, William, M.B., B.S.	1925
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945)	1956
Christophersen, Jack Vivian, B.D.S.	1927
Chu, Tham Seng, B.E.	1966
Chuah, Kim Leong, B.Sc.	1966
Chuah, Siew Kee, Doris, M.B., B.S.	1965
Chuah, Yak Siong, B.Sc.	1966
Chung, Sooi Kong, M.B., B.S.	1960
Church, Jack Raymond, B.Sc.	1949
Church, John Henry, M.A. (B.A., 1932)	1934
Church, Keith Neville, B.E.	1951
Church, Mervyn Robert, B.Tech.	1966
Churchward, Spencer, M.A. (B.A., 1900)	1903
Churchward, Stella Mary, B.Sc.	1904
Chye, Toh Chiong, B.Sc.	1963
Cibirns, Stasys, LL.B.	1958
Cigler, James, B.Ec.	1962
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918)	1922
Clague, Dennis John, B.Sc.	1962
Clancy, Michael Charles, B.Sc.	1966
Clancy, Peter Allan, B.A.	1962
Clapp, Cedric Norman, B.D.S.	1938
Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960
Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959
Claridge, Philip George Brian, B.E.	1954
Clark, Annie Winifred, M.B., B.S.	1922
Clark, Archie Septimus, B.Sc.	1900
Clark, Avon Maxwell, Ph.D. (Cambridge, 1949)	1964
Clark, Barry Robert, B.Sc.	1966
Clark, Eunice Jean, B.Sc.	1952
Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948
Clark, Henry William, B.A.	1951
Clark, Hugh Rodney, M.E. (B.E., 1934)	1938
Clark, James Blyth, LL.B.	1953
Clark, Janelle Thelma, B.Sc.	1965
Clark, Jeremy John, LL.B.	1965
Clark, John Francis, B.D.S.	1922
Clark, John Osborne, LL.B.	1941
Clark, John Symonds, B.E.	1951
Clark, Lesley Helen, B.Sc.	1955
Clark, Mary Patricia, B.A.	1951
Clark, Meredith Joan, B.Sc.	1963
Clark, Neil Jameson, B.A.	1965
Clark, Pauline, B.Sc.	1948
Clark, Robert John, LL.B.	1933
Clark, Robert Stephen, B.Sc.	1966
Clark, Ronald James, B.Tech.	1962
Clark, Sandford Delbridge, LL.B.	1962
Clark, William Raymond, B.E.	1951
Clarke, Alfred Robert Price, B. Tech.	1961
Clarke, Allan Lawrence, M.Ag.Sc. (B.Ag.Sc., 1952)	1964
Clarke, Andrew Michael Fausset, M.B., B.S.	1951
Clarke, Brian Russell, B.Sc.	1945
Clarke, Desmond John, M.Sc.	1966
Clarke, Geoffrey David, B.D.S.	1956

* Deceased

Clarke, Harold Vernon, B.D.S.	1934
Clarke, Miles de Courcy, M.B., B.S.	1942
Clarke, Peter Harold, B.E.	1962
Clarke, Phil Gregory, B.A.	1948
Clarke, Reginald Harry, B.Sc.	1939
B.A.	1942
Clarke, Robert John, B.Sc.	1965
Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956
Clarkson, Alan James, M.B., B.S.	1934
Clarkson, Anthony Russell, M.B., B.S.	1963
Clarkson, Colin Lloyd, B.Sc.	1950
Clarkson, Donald Ian, M.B., B.S.	1963
Clarkson, Phyllis Anne, B.A.	1965
Clarkson, Roger Phillip, M.B., B.S.	1956
Clarnette, David Leon, M.B., B.S.	1959
Claxton, Lindsay Grahame, B.E.	1955
Clay, John Howard, B.A.	1964
Clay, Roger Edgcombe, B.Ag.Sc.	1962
Clayer, John Reeves, M.B., B.S.	1960
Clayton, Arthur Ross, M.B., B.S.	1902
Clayton, Dean Ernest, LL.B.	1965
Clayton, Jeffery William, B.Tech.	1965
Clayton, John Anthony, B.A.	1966
Clayton, John Graham, B.E.	1959
Clayton, John Jesson, B.E.	1957
Clayton, Kenneth Ross, B.A.	1963
Clayton, Sally Jeanette, B.A.	1954
Clegg, Dorothy Maureen, B.A.	1961
Clegg, Michael John, B.E.	1960
Clegg, Edith, B.A.	1921
Cleggett, Lloyd, B.A.	1955
Cleghorn, James Hudson, B.Sc.	1966
Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935
Cleland, James Lindsay, B.A.	1954
Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947
Cleland, Sir John Burton, M.B. (Sydney 1902)	1902
Cleland, Michael Edward Erskine, LL.B.	1951
Cleland, Pamela Mary, B.A.	1949
LL.B.	1956
Cleland, Peter Fullerton, LL.B.	1947
Cleland, William Paton, M.B., B.S.	1934
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
Clift, 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.	1964
Clunies-Ross, Graham George, B.A.	1966
Coad, Trevor Malcolm, B.Tech.	1965
Coaldrake, 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, 1955)	1957
Cochrane, Heather Bernice, B.A.	1959
Cock, Alexa Beatrice, B.A.	1921
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
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, B.Ag.Sc.	1961
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
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, 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.	1961
Coles, Margaret Elizabeth, B.Sc.	1945
Coles, Mignonette, B.A.	1912
Coles, Philip Douglas, B.A.	1936
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

* Deceased

Colton, John Blacker, LL.B. - - - -	1941
Colton, Robert Stirling, M.D. (M.B., B.S., 1944)	1960
Colwill, Anthony John Ernest, Ph.D. (B.Sc., 1959)	1964
Colwill, Marie, B.Sc. - - - -	1962
Colville, Arthur Landseer, LL.B. - - - -	1905
Colville, John Stuart, M.Sc. (B.Sc., 1948) - B.A. - - - -	1956
Colyer, Ian Geoffrey, B.Ec. - - - -	1961
Combe, Harvey David Matthew, B.A. - - - -	1964
*Comley, Charles Herbert, M.A. (B.A., 1906) B.Sc. - - - -	1910
Conant, James Bryant, D.Sc. (Sc.D., Columbia) - - - -	1906
Condon, Robert Francis, B.Sc. - - - -	1951
Condon, M.B., B.S. - - - -	1940
Conley, William Michael, B.Ag.Sc. - - - -	1946
Connell, John Graham Charles, B.Sc. - - - -	1958
Connole, Patricia Ann, B.A. - - - -	1966
Connon, Aileen Forsyth, M.D. (Belfast, 1963) - - - -	1961
Connor, Brian Anthony, M.B., B.S. - - - -	1965
Connor, John Leo, B.A. - - - -	1953
Conroy, Keith Douglas, B.E. - - - -	1935
Considine, Helen Barbara, B.A. - - - -	1952
Contos, Cecil, B.Tech. - - - -	1965
Conybear, William James, B.A. (Cambridge, 1894) - - - -	1961
Cook, Adrian Hartley, B.A. - - - -	1895
Cook, Ernest Peter, B.E. - - - -	1952
Cook, Gordon James, B.Ec. - - - -	1929
Cook, Hugh David, M.B., B.S. - - - -	1941
Cook, Ian Bracewell, B.Tech. - - - -	1953
Cook, John Reginald Havden, B.A. (B.A. (Econ.), Manchester, 1949) - - - -	1962
Cook, Peter Sydney, B.Ec. - - - -	1963
Cook, Ronald Bruce, B.E. - - - -	1964
Cooke, Allan George, B.E. - - - -	1957
Cooke, Barbara Terment, B.Sc. - - - -	1945
Cooke, David John, B.E. - - - -	1952
Cooke, Florence Emmeline, Mus.Bac. - - - -	1936
Cooke, Frank Edward, B.Sc. - - - -	1954
Cooke, James Alexander Elder, B.Ag.Sc. - - - -	1900
Cooke, Peter Terment, B.Sc. - - - -	1950
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938) - - - -	1960
Cooke, Theodore John Lloyd, M.B., B.S. - - - -	1931
Cooling, Max Sylvester, M.B., B.S. - - - -	1960
Coombe, Alec Holloway, M.A. (B.A., 1924) - - - -	1956
Coombe, Anthony Melrose, LL.B. - - - -	1944
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948) - - - -	1933
Coombe, Carole Julie, B.A. - - - -	1965
Coombe, Harold Robert, B.D.S. - - - -	1957
Coombe, Margaret Mary, B.A. - - - -	1966
Coombe, Murray Taylor, B.Sc. - - - -	1923
Coombe, Reginald Joseph, LL.B. - - - -	1965
Coombe, Robert John, B.D.S. - - - -	1942
Coombe, Samuel Walter, B.A. - - - -	1923
Coombe, Toderick Edward, B.D.S. - - - -	1950
Coonan, Edward Raymond, B.Ec. - - - -	1919
Cooney, James Marcus, B.Tech. - - - -	1952
Cooper, Adrian Harry Campbell, B.A. - - - -	1955
Cooper, Catherine Margaret, LL.B. - - - -	1958
Cooper, Christopher John, M.B., B.S. - - - -	1935
*Cooper, Constance May, M.B., B.S. - - - -	1954
Cooper, David Michael, M.B., B.S. - - - -	1959
Cooper, Dennis Neil, B.E. - - - -	1904
Cooper, Desmond Wishart, B.Sc. - - - -	1966
Cooper, Donald Counter, M.B., B.S. - - - -	1963
Cooper, Elisabeth Ann, M.B., B.S. - - - -	1961
Cooper, John Gregory, B.Ec. - - - -	1921
Cooper, Kenneth David, LL.B. - - - -	1963
Cooper, Kenneth Francis, M.B., B.S. - - - -	1964
Cooper, Leith Thomas, B.Ag.Sc. - - - -	1929
Cooper, Mary Jane, B.A. - - - -	1965
Cooper, Maxwell, B.Sc. - - - -	1966
Cooper, Peter George, B.Tech. - - - -	1950
Cooper, Richard Edgar, B.Sc. - - - -	1960
Cooper, Robert Kingham, B.Sc. - - - -	1960
Cooper, Thomas Edwards, B.E. - - - -	1965
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered) - - - -	1922
Coote, George Gilbert, B.Sc. - - - -	1913
Coote, B.A. - - - -	1931
Cooter, Robert Benjamin, M.B., B.S. - - - -	1939
1952	
Conland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia) - - - -	1958
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1948
Coppin, Robert John, B.Sc. - - - -	1965
Copcock, Barrie William, B.Tech. - - - -	1960
Corbet, Anthony John Sherwood, M.B., B.S. - - - -	1963
Corbett, David Charles, Ph.D. (McGill, 1954) - - - -	1966
Corbett, John Francis, B.Sc. - - - -	1961
Corbett, John Vincent, Ph.D. (B.Sc., 1960) - - - -	1966
Corbin, Clive Wilson, B.E. - - - -	1932
Corbin, Elizabeth Mary, B.A. - - - -	1963
Corbin, Horace Hugh, B.Sc. (London, 1904) - - - -	1913
Corbin, John Ogilvie, M.B., B.S. - - - -	1933
Corbin, Katherine Anne, LL.B. - - - -	1941
Cornier, Kathleen, B.A. - - - -	1943
Cornelius, Muriel Merle, B.A. - - - -	1951
Cornell, Christine Helen, B.A. - - - -	1965
Cornell, James Gladstone, M.A. (Melbourne, 1928) - - - -	1938
Cornell, Philippa Sinclair, B.A. - - - -	1956
Corney, Eric Ronald, M.A. (B.A., 1936) - - - -	1937
Corney, Robert William, B.A. - - - -	1966
Cornish, Alan Alfred Ernest, B.E. - - - -	1939
Cornish, Anne Claire, B.A. - - - -	1949
Cornish, Brian Edmund, B.Sc. - - - -	1961
Cornish, Brian Leslie, M.B., B.S. - - - -	1947
Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940) - - - -	1951
Cornish, Jack Rodolph, LL.B. - - - -	1928
Cornish, John Edwin, B.Sc. - - - -	1943
Cornish, William Rodolph, LL.B. - - - -	1960
Corpe, John Wood, B.E. - - - -	1935
Correll, Graeme Edward Morris, B.E. - - - -	1961
Correll, Raymond Leaty, B.Sc. - - - -	1963
Correll, Shirley Edith, B.A. - - - -	1953
Corry, Samuel Lloyd, M.B., B.S. - - - -	1910
Cosgrove, Bernard Augustin, B.A. - - - -	1942
Cosh, Elma, B.A. - - - -	1944
Cosh, James Malthouse, B.A. - - - -	1943
Cosh, Joyce Rosalind, B.A. - - - -	1949
Cosh, Robert Clarence, B.Ec. - - - -	1962
Cottell, Dorothy Jean, B.A. - - - -	1940
Cottew, Geoffrey Selkirk, M.Sc. (B.Sc., 1949) - - - -	1962
Cotton, Alan Tilney, M.B., B.S. - - - -	1964
Cotton, James Murray, M.B., B.S. - - - -	1926
Cotton, James Sutherland, B.Sc. - - - -	1959
Cotton, John Carrington, B.Sc. - - - -	1951
Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - -	1949
Cotton, Robert Tilney, M.B., B.S. - - - -	1961
Cottrell, Eric, B.E. - - - -	1935
Couche, Raymond Arthur, B.Sc. - - - -	1949
Coulls, Brian Holston, B.Sc. - - - -	1950
Coulter, Frank, B.A. - - - -	1966
Coulter, John Richard, M.B., B.S. - - - -	1956
Coulter, Wilfred Neil, B.E. - - - -	1954
Coulthard, Robert John, M.B., B.S. - - - -	1958
Counsell, Ruth Kingsley, B.A. - - - -	1951
Court, Fay Esme, B.A. - - - -	1966
Court, Jennifer Joan, M.B., B.S. - - - -	1966
Court, John Hugh, B.A. (Reading, 1956) - - - -	1966
Court, Michael, B.Ec. - - - -	1966
Courtney, Peter Graham, B.Sc. - - - -	1966
Cousins, Georgena Millicent, B.A. - - - -	1966
Coventry, Cameron Hilder, B.Sc. - - - -	1900
Covertton, John Selby, M.D. (M.B., B.S., 1931) - - - -	1947
*Cowan, George Dalrymple, LL.B. - - - -	1911
Cowan, Leslie Thompson, B.Sc. - - - -	1907
Cowan, Robert Francis, B.A. - - - -	1912
Cowan, Robert Graham, M.B., B.S. - - - -	1966
Cowan, Robert Mowlem, B.Sc. - - - -	1960
*Cowan, Ronald William Trafford, B.A. - - - -	1936
Cowan, William Albert, M.A. (N.Z., 1930) - - - -	1934
Coward, Ivan Fernley, B.Ec. - - - -	1940
Coward, B.A. - - - -	1951
Cowden, Kenneth Laurence Brooke, M.B., B.S. - - - -	1932
Cowell, Dorothy Margaret, B.A. - - - -	1941
Cowell, James Howard, B.Ag.Sc. - - - -	1958
Cowell, James Richard, B.A. - - - -	1939
Cowell, Jane Margaret, B.Sc. - - - -	1966
Cowley, George Russell, B.E. - - - -	1949
Cowley, John Maxwell, D.Sc. (B.Sc., 1942; M.Sc., 1945) - - - -	1957
Cowling, Brian Deucalion, M.B., B.S. - - - -	1948
Cowling, Gordon Aubrey, B.E. - - - -	1928

* Deceased

Cowling, Janice Elizabeth, B.A.	1964	Croft, Edwin George, LL.B.	1952
Cowling, Lionel Deucalion, M.B., B.S.	1923	Croft, James Richard, LL.B.	1964
Cowper, Ronald George, B.Tech.	1958	Croker, Annie Isobel, B.A.	1934
Cowperthwaite, Elsie Eleanor, M.A. (B.A., 1903)	1906	Cromer, D'Arcy Ananda Neil, M.Sc. (B.Sc., 1932)	1935
Cox, Alwyn Birchmore, M.Sc. (B.Sc., 1927)	1932	Crompton, Beverly Anne, B.Sc.	1960
Cox, Bernard John, B.E.	1956	Crompton, David Owen, M.B., B.S.	1939
Cox, Brian Rothwell, LL.B.	1953	Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959
Cox, Carlton Ingham, B.Sc.	1929	Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954
Cox, David Vassall, Mus.Bac	1936	Crook, Marjorie Marion, B.A.	1940
Cox, David William, B.Sc.	1934	Crook, Peter Leonard, B.Sc.	1961
Cox, David William, M.B., B.S.	1961	Crook, Richard Dallas, B.Sc.	1940
Cox, John Baxter, M.E. (B.E., 1960)	1966	Crook, Walter Ralph, B.E.	1953
Cox, John Samuel Tweedale, M.S. (M.B., B.S., 1955)	1964	Cropley, Arthur John, B.A.	1957
Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943)	1959	Cropley, Frederick Waterton, B.E.	1932
Cox, Margaret Helen, B.A.	1962	Cropley, Keith Haywood, B.Tech.	1962
Cox, Norman Charles, B.E.	1951	Crosby, Melville Alexander Keith, M.E. (B.E., 1937)	1944
Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Crosby, Neil Daniel, M.D. (M.B., B.S. 1935)	1951
Cox, Ronald Ian, Ph.D. (Edinburgh, 1952)	1963	Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
Cox, Rudolph William Arthur, B.E.	1921	Cross, Helen Margaret, B.A.	1960
Cox, William Frederick, B.Sc.	1955	Cross, Jack, B.A.	1957
Coxell, Kenneth Roy, B.E.	1962	Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956
Coxon, Christopher Gavin Murray, B.E.	1964	Crouch, Claire Elaine, B.A.	1965
Coxon, Patricia Magdalen, B.A.	1964	Crouch, Shirley Joan, B.Sc.	1958
Crabbe, Gavin Murray, M.B., B.S.	1927	Croucher, Colin, M.B., B.S.	1950
Crafter, Kenneth Charles, M.B., B.S.	1944	Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Craig, Graham Douglas, M.B., B.S.	1963	Crowcroft, William Peter, Ph.D. (D.Phil. Oxford, 1954)	1963
Craig, Jennifer Stewart, B.A.	1964	Crowe, Brian Rooney, LL.B.	1952
Craig, Robert James, M.B., B.S.	1959	Crowe, Dean Salter, B.E.	1957
Craig, William Alexander, B.E.	1950	Crowe, Elizabeth Mary, B.A.	1951
Craker, David Lindsay, B.Sc.	1951	Crowe, Noel Raymond, LL.B.	1957
Craker, John Melville, B.Sc. (B.E., 1954)	1954	Crowley, Desmond William, Ph.D. (London, 1952)	1960
Crammond, Peter Clifford, B.E.	1961	Crowley, Francis Keble, Ph.D. (Melbourne, 1951)	1965
Cramond, David Norton, B.Sc.	1965	Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957
Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Crowley, Patrick Thomas, B.Tech.	1965
Cramond, Margaret Mary Alyn, B.A.	1952	Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932
Cramond, Roger David, B.Ec.	1966	Cruikshank, Donella Heather, M.Sc.	1943
Cramond, William Alexander, M.D. (Aberdeen, 1954)	1964	*Crump, Cecil Charles, LL.B. (B.A., 1936)	1923
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923)	1926	Crumphank, Cecil Charles, LL.B. (B.A., 1936)	1935
Cran, James Alexander, B.D.S., (B.D.Sc. (O.S.P.D.), 1936)	1949	Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932
Cranage, David Ross, B.E.	1964	Cullen, John Grant, B.Tech.	1966
Cranage, Alexander Herbert (B.Sc.)	1926	Culley, Murdoch, B.E.	1962
Crane, Greta Ruby, B.Ec.	1937	Cullity, Thomas Brendan, M.B., B.S.	1947
Crane, Neil Raymond, B.Sc.	1954	Culshaw, Eveleen Anne, B.Sc.	1963
Cranley, Patrick, M.B., B.S.	1952	*Culshaw, George Vincent, LL.B.	1927
Crannaford, Barry John, B.A.	1966	Culshaw, George Vincent, B.E.	1959
Craton, Patricia Clarice, B.A.	1948	Culshaw, Thomas Anthony, B.Sc.	1961
Craven, David Edward, M.B., B.S.	1943	Culver, Dorothy Evelyn, B.Sc.	1945
Craven, Dilys Mary, M.B., B.S. (M.B., B.Ch., Wales, 1943)	1963	Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
M.D.	1966	Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1949
Crawford, Arthur Raymond, M.Sc.	1961	Cumpston, Graham Neil, M.B., B.S.	1958
Crawford, Graham John, B.Sc.	1959	Cunningham, Mark Laurence, M.B., B.S.	1953
Crawford, John Sidney, B.Sc.	1960	Cunningham, Robyn, B.A.	1965
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897	Curnow (nee Gilham), Doreen, B.A. LL.B.	1950
Crawley, David Beavington, B.E. (M.A., Cambridge, 1954)	1964	Curnow, Ellen Isobel, B.A.	1959
Creaser, Roger Phillip, B.Sc.	1964	Curnow, Richard Stewart, M.B., B.S.	1962
Creasy, Peter Nines, B.Sc.	1964	Currie, Gerald Nicholas, B.Tech.	1964
Creed, Philip John, M.B., B.S.	1950	Curry, Allan Ralph, B.E.	1949
Creeth, James Michael, Ph.D. (London, 1948)	1955	Curry, Keith Edwin, B.A.	1964
Cresswell, Edwin Fletcher, B.E.	1927	Curtin, John Francis, B.Tech.	1960
Cresswell, George Edwin, LL.B.	1939	Curtis, Lawrance Gordon, B.Ec.	1959
Cresswell, Harry Richard, B.Ec.	1956	Curwen-Walker, Ian Malcolm, B.Ec.	1965
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937	Cusack, John Charles, B.Sc.	1954
Crews, Brian Dudley, B.E.	1964	Cussen, Nan Woodforde, B.A.	1935
Crick, Judith Christine, B.Sc.	1966	Custance, Harold Maxwell, B.Sc.	1941
Crisp, Brian Correll, M.D.S. (B.D.S., 1945)	1952	Custance, John Kentish, B.E.	1947
Crisp, Charles Stephens, B.Sc.	1948	Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953
Crisp, Colin Francis Correll, B.E.	1954	Cutten, Dean Robert, B.Sc.	1963
Crisp, John Douglas Correll, M.E. (B.E., 1950)	1956	Cutten, Ian Neil, B.Ag.Sc.	1966
Crisp, Leslie Finlay, M.A. (B.A., 1938)	1948	Cutten, Judith Ann, B.A.	1959
Crisp, Margaret Emily, M.Sc. (B.Sc., 1945)	1950	Czechowicz, Andrew Stanislaus, M.B., B.S.	1965
Crocker, Dudley Furneaux, B.E.	1939	Czigler, Ernest Ivan, B.Tech.	1963
Crocker, John Allan, B.Tech.	1966	Czuchwicki, Czeslaw Peter, B.Ec.	1966
*Crocker, Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940)	1948		
Crocker, Walter Russell, B.A.	1925		

* Deceased

D

Dack, Thomas, B.A.	1936	(Sydney, 1947)	1951
Daddow, Henry Howard, B.A.	1940	Davies, Peter Owen Alfred Lawe, B.E.	1951
Daddow, Margaret Katharine, B.A.	1965	Davies, Rodney Deane, M.Sc. (B.Sc., 1950)	1953
Daenke, Lachlan Lewis, B.D.S.	1950	Davies, Sheila Caroline, B.A.	1948
Dahlberg, Dane Louis, B.Ec.	1964	Davies, Trevor Frank, B.Ec.	1965
Daily, Brian, Ph.D. (B.Sc., 1952)	1957	*Davies, William Laurence, B.A.	1914
Dainis, Andrew, B.Sc.	1962	Davis, Brian, B.Ec.	1955
Dainis, Ivars, B.Sc.	1963	Davis, Bruce Raymond, B.E.	1960
Dainius, Vytautas Peter, M.B., B.S.	1959	B.Sc.	1963
Dalby, Donald Richard, B.Tech.	1964	Davis, Christine Joyce, B.A.	1937
Dalby, Robert, B.Arch.	1961	Davis, Clive, B.Sc.	1951
Dale, Barry Matthew, M.B., B.S.	1966	Davis, David, B.A.	1906
Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959)	1962	Davis, Douglas Marshall, B.A.	1962
Dall, Dennis John, B.Ec.	1965	Davis, Edward Bruce, B.Sc.	1949
Dallwitz, Walter Berthold, B.A.	1940	Davis, Frederick Harry, B.A.	1955
M.Sc.	1943	Davis, Harold Julian, M.B., B.S.	1927
Dally, Frederick George, M.B., B.S.	1956	Davis, Harry Michael, B.A.	1964
Dally, John Alton, B.A.	1956	Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
Dalton-Morgan, Patrick Frank Leslie Lewis, B.Ec.	1966	Davis, Hubert Garth, M.B., B.S.	1937
Daltry, Kate, M.A. (B.A., 1922)	1924	Davis, Jennifer Elizabeth, B.Sc.	1964
Daly, David James, M.B., B.S.	1952	Davis, John Alexander, B.E.	1929
Daly, James Dennis, B.Tech.	1961	Davis, Kingsley, B.E.	1950
Daly, Lawrence John, B.E.	1951	Davis, Legh Hewitson, B.Ec.	1962
B.Ec.	1965	LL.B.	1966
Daly, Lewis John, B.A.	1953	Davis, Margaret Lily, B.A.	1955
Daly, Lyndsay James, M.B., B.S.	1954	Davis, Peter Stanislaus, M.Sc. (New South Wales, 1962)	1965
Dalzell, Josephine Nicholson, B.A.	1965	Davis, Ray, B.Sc.	1915
Dalziel, Francis Robert, Ph.D. (Aberdeen, 1960)	1963	Davis, Robert Bruce, B.A.	1948
Dalziel, Lawrence Henry, B.A.	1949	Davis, Robert George, B.Sc.	1951
Daniell, Aileen Edna, B.A.	1950	Davis, Robert Keith, B.Ec.	1960
Daniels, Brian William, M.B., B.S.	1957	Davis, Robert William, B.Ec.	1963
Daniels, Verna Kay, B.A.	1963	Davis, Ronald Lindsay, B.Sc.	1963
Daniels, Wendy Anne, B.A.	1966	Davivongs, Virapunt, M.Sc.	1963
Danielsen, Fredrick Graham, B.Sc.	1963	Davoren, John Joseph, LL.B.	1922
Danvers, Ronald Anthony, B.Arch.	1962	Davoren, Kathleen Margaret, B.Sc.	1966
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945)	1949	Davy, Arthur Francis, B.D.S.	1951
Darling, Marlene Elsie, B.A.	1963	Daw, Arthur Baden Secombe, B.Ec.	1957
Darr, David James, B.Sc.	1955	Daw, Francis Alan, B.Sc.	1945
Darragh, Peter John, B.Sc.	1950	Daw, William Ernest, B.Tech.	1965
Darskus, Rolf Ludwig, Ph.D. (B.Sc., 1958)	1964	Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928)	1959
*Dart, Ralph John, B.E.	1915	Dawes, David Edward, B.E.	1965
Darwin, Errol Raffael Henry, B.Sc.	1907	Dawes, Walter Ernest, B.A.	1954
Darwin, Lisle Julius, M.A. (B.A., 1905)	1910	Dawkins, Albert Norman, B.E.	1922
Darzins, Andris Peteris, M.B., B.S.	1961	Dawkins, Alec Letts, M.B., B.S.	1922
Daulby, Roger Herbert, B.Tech.	1966	Dawkins, Alfred Ernest, B.Sc.	1927
Davenport, John, M.B., B.S.	1952	Dawkins, Donald Campbell, M.B., B.S.	1912
*Davey, Constance Muriel, M.A.	1918	Dawkins, Margaret Ina, B.A.	1939
Davey, Esther Marion, B.Sc.	1915	*Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920
Davey, Graham John, B.E.	1961	Dawson, Alfred Lisle, B.Sc.	1926
Davey, Laurence Llewellyn, M.B., B.S.	1913	Dawson, Allan Alexander, B.A.	1966
Davey, Lloyd Ernest, B.E.	1960	Dawson, Anthony James, M.E. (B.E., 1959)	1962
Davey, Martin Geoffrey, M.B., B.S. (Sydney, 1960)	1963	Dawson, David Lancelot, B.A.	1934
M.D.	1965	Dawson, Geoffrey Dean, B.E.	1937
Davey, Nell Barbara, B.Sc.	1963	Dawson, Joseph Bernard, M.D. (London, 1911)	1920
Davey, Roy Herbert, B.Sc.	1920	Dawson, Michael Dean, M.B., B.S.	1942
Davey, Victor Stanley, B.E.	1955	Dawson, William Inglis, M.B., B.S.	1957
David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures, 1955)	1962	Day, Alison Chapman, B.Sc.	1947
David, Daniel Arthur, M.A.	1930	Day, Allan John, M.Sc. (B.Sc., 1947)	1950
David, David John, M.B., B.S.	1966	M.D. (M.B., B.S., 1954)	1957
David, John Fairhall, B.A.	1952	Day, Basil Hedley Stanton, B.Tech.	1961
B.Ec.	1955	Day, Christine Janet, B.A.	1964
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953)	1956	Day, Graham John, B.D.S.	1951
Davidson, Jennifer Dulcie, B.A.	1962	Day, Jennifer Ann, B.A.	1962
Davidson, Robert Thomas, M.B., B.S.	1951	Day, John Bice, B.D.S.	1944
Davidson, Roy Laidlaw, B.A.	1907	Day, Kathleen Emily, B.Sc.	1931
Davie, Robert Samuel, B.E.	1955	Day, Laverne Frank, B.Ec.	1963
Davies, David Llywelyn, M.B., B.S.	1943	Day, Peter Julian, B.E.	1959
Davies, Donald John, B.E.	1955	Day, Robert Sydney, M.B., B.S.	1934
Davies, Donald Laurence, B.E.	1951	Deam, Robert Joseph, B.Sc.	1942
Davies, Ernest Salter, M.A. (Oxford)	1937	Deacon, Glen Berenger, Ph.D. (B.Sc., 1957)	1962
Davies, Glyn Anthony, M.B., B.S.	1963	Dean, Harry Michael, B.Med. Sc.	1960
Davies, Ian Malcolm, B.Sc.	1964	M.B., B.S.	1963
Davies, Jonathon, A.U.A. (Pharmacy), M.B., B.S.	1963	Dean, Margaret Emily, M.B., B.S.	1962
Davies, Lesley Diana Llewellyn, B.A.	1966	Dean, Peter David, B.E.	1966
Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953	Deane, Richard Ashley, B.Tech.	1965
Davies, Norma Esther, M.B., B.S.	1953	Deans, Absalom, B.A.	1912
Davies, Peter, B.Tech.	1964	Dearlove, Carolyn Harriet, M.B., B.S.	1962
Davies, Peter John, B.A.	1966	Dearlove, Thomas Pearce, M.B., B.S.	1942
		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 Cean, Neil, B.E.	1951
		de Cure, John Gerard, B.Tech.	1965

* Deceased

Deer, John Gregory, B.Sc.	1948	Disney, Alexander Patrick Suffern, M.B., B.S.	1966
Deer, William Henry, B.E.	1950	*Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	1954
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959	Disney, Shaun Anthony Requa, B.A.	1964
Del Fabbro, Anthony John, B.Sc.	1961	B.Sc.	1965
Deland (nee Robjohns), Annie Joan, B.A.	1923	Dix, Alfred James, B.E.	1930
Deland, Charles Mervyn, M.B., B.S.	1924	Dixon, Genevieve, B.Sc.	1960
Deland, Curtis George, M.B., B.S.	1955	Dixon, James Elmslie, B.A.	1966
Deland, Peter Leonard, B.Sc.	1955	Dixon, John, B.Ec.	1957
Deland, Raymond John, B.Sc.	1947	Dixon, Leslie Bruce, B.Tech.	1962
Della, Ernest William, Ph.D. (Western Australia, 1963)	1966	Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931
Deller, Donald John, M.B., B.S. (Sydney, 1954)	1962	Dixon, Peter, M.A. (London, 1956)	1958
M.D.	1964	Djakusumah, Taty Rahmatiah, Ph.D. (B.Ag.Sc., 1960)	1965
Dellow, Peter Glynn, B.D.S.	1949	Djaka, Soetratna, M.E. (B.E., 1960)	1965
M.B., B.S.	1957	Dobberstein, Fred Helmut, B.A.	1963
*Delmont, William George, B.D.S.	1932	Doble, William Devon, B.E. (Sydney, 1943)	1957
Delprat, Lica, M.B., B.S.	1910	Dobney, Philip Thomas, B.Sc.	1961
Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909	Dobrez, Livio, B.A.	1965
Dempster, Beryl Joan, B.A.	1963	Dobson, Lesbia Constance Alma, B.A.	1947
Denby, Ernest Frank, B.Sc.	1951	Doceff, Robin Jeanine, B.A.	1962
Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952)	1960	Dodd, Burwell, B.A. (Yale, 1954)	1965
Dening, Patricia Joan, B.A.	1958	Dodd, Ian Hainsworth, B.E.	1960
Denis, William Norman, B.Sc.	1951	Dodd, Leslie, B.A.	1947
Dennis, Alan Henry, B.A.	1936	Dodd, Lindsay Richard, Ph.D. (B.Sc., 1960)	1965
Dennis, Barbara Joan, Ph.D. (B.Sc. 1955, M.Sc., 1961)	1968	Dodd, Peter Robert, B.Sc.	1966
Dennis, Barbara Mary, B.A.	1965	Dodd, Robert Hedley, B.A.	1931
Dennis, Edwin, B.Sc.	1950	Dodd, William Alfred, B.Sc.	1962
Dennis, Peter John, B.A.	1966	Doddridge, Albert Keith, M.B., B.S.	1953
Dennis, William John Allenby, B.Sc.	1956	Dodman, Robert Louis, Ph.D. (B.Ag.Sc., 1959)	1966
Densley, Mary Muriel, B.A.	1963	Dodsworth, Kimball Robert Innis, B.Ec.	1962
Dent, Marjorie, B.A.	1956	Dodwell, David, B.A.	1955
Dent, Nancy, B.A.	1960	*Dodwell, George Frederick, B.A.	1905
Denton, David Ross, B.A.	1960	Doel, Derek Alfred, B.Ec.	1960
Denton, James Graham, M.B., B.S.	1954	Dohadwala, Kutbuddin s/o Fidahunen, B.Sc. M.B., B.S.	1960
Denton, Noel Fletcher, M.B., B.S.	1945	Doherty, Lindsay Edgar, B.E.	1965
Depasquale, Paul, B.A.	1960	Dohnt, Brian Ray, B.Sc.	1945
Dermott, Patricia Louise, M.B., B.S.	1963	Dolan, David Sutton, B.E.	1964
de Rohan, Maurice John, B.Tech.	1960	Doley, Malcolm John, B.Arch.	1962
Derrington, Arnold Ward, M.B., B.S.	1947	Doley, Maurice Edward, B.E.	1939
Deshpande, Tryambak Laxmanrao, Ph.D.	1965	Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951)	1959
Detmold, Michael James, LL.B.	1964	Dolling, Eleanor Ngaire, B.Sc.	1950
Deutrom, Peter Ellis Brian, B.Sc.	1965	Dolling, Maurice, B.Sc.	1965
Deutscher, Maxwell John, B.A.	1959	Doman, Frederick Spencer Howe, M.B., B.S.	1949
Devaney, Helen, LL.B.	1942	Doman, Mary Gladys, B.A.	1959
de Vedas, Jack, M.B., B.S.	1938	Donaghue, Paul Francis, B.Sc.	1965
Devitt, Brian John, B.E.	1965	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933)	1939
de Vries, Gertrude Dorothy, B.A.	1964	Donald, Gordon Frederick, M.D. (M.B., B.S., Sydney, 1948)	1963
Devenport, John, B.Tech.	1961	Donaldson, Muriel Grace, B.A.	1934
Dew, Ian Albert, M.Sc. (B.Sc., 1953)	1962	Donaldson, Pamela Margaret, B.A.	1959
Dewar, Colin Chudleigh, M.B., B.S.	1949	Donaldson, William Barry, B.Sc.	1965
Dewar, Donald Gordon, B.E.	1952	Dông-Nai, Tôn Thất, B.A.	1965
Dewar, John, B.Sc. (Eng.)	1945	Donley, Robert James Randall, B.A.	1966
Diamantis, Alexander Adamantiou, Ph.D. (London, 1958)	1960	Donnellan, Michael Ramsey, B.Tech.	1961
Diamond, Arthur Ian, B.A.	1952	Donnellan, Teresa Marie, B.A.	1945
Dibden, Frederick Andrew, M.B., B.S.	1941	Donnelly, Jillian Kay, Ph.D. (B.Sc., 1962)	1966
Dibden, Jacqueline Andrew, B.A.	1966	Donnelly, Thomas Hewson, M.B., B.S.	1937
Dibden, William Andrew, M.B., B.S.	1939	Donnelly, Thomas Hugh, M.B., B.S.	1911
Dick, Gordon Stuart Blyth, B.Sc.	1923	Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	1952
Dick, John Davidson, B.Tech.	1966	Donovan, Mortimer Edward, M.B., B.S.	1946
Dickinson, Peter, B.Tech.	1962	Doolan, Ernest Joseph, B.A.	1944
Dickson, Brian Henry, B.Tech.	1963	Doolette, John Barton, B.Ag.Sc.	1951
Dickson, Margaret Jill Barr, M.B., B.S.	1960	Doran, Jerrold George, B.A.	1966
Dickson, Ronald Stanley, Ph.D. (B.Sc., 1958)	1963	Dore, Frederick Arthur, B.Sc.	1951
Dickson, Warren, B.A.	1949	Dorman, Christopher Milton Leonard, B.E.	1964
Dienes, Nigel Anthony, B.Med.Sc.	1965	Dorman, David Charles, B.Sc.	1950
Dietman, Clarence Charles, M.B., B.S.	1934	Dorman, Helen Ethel, B.A.	1964
Digance, James Roy, B.A.	1945	Dorsch, Ernst Georg, B.A.	1915
Diggle, John Nelson, M.B., B.S.	1946	Dorsch, Magdalene Hedwig, B.A.	1926
Dilena, Michael James, B.A.	1959	Dorsch, Theodor Stegfried, B.A.	1933
Dillon, John Louis, Ph.D. (Iowa, 1959)	1961	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
Dillon, Natalie Anne, B.A.	1961	Doudy, Cecil Roy, LL.B.	1908
Dilworth, Nerida Margaret, M.B., B.S.	1950	Douglas, Donald Robin, B.Sc.	1949
Dineen, Desmond Patrick, M.B., B.S.	1952	*Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1898
Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957	Douglas, Frank Nugent, M.B., B.S.	1956
Dingle, Ian Ridgway, B.D.S.	1957	Douglas, Hugh Matheson, M.B., B.S.	1947
Dingle, Kelton John, B.Ec.	1965	Douglas, Kingsley Raymond, B.Tech.	1965
Dingle, Margaret Jennifer, B.A.	1958	Douglas, Robert Langton, M.A. (Oxford, 1891)	1900
Dingle, Roderick Edward, B.Sc.	1963	Douglas, Robert Matheson, M.B., B.S.	1960
Dinham, Charles Anthony, B.E.	1952	Douglas (nee Duguid), Rosemary Lillian, B.A.	1958
Dinning, Alfred Ernest, B.A.	1915		
Dinning, Rodney Alfred Brady, B.A.	1950		
Dinning, Trevor Alfred Ridley, M.B., B.S.	1942		

* Deceased

Eckermann, Valerie Helen, B.A.	1965	Elix, David Llewellyn, B.E.	1939
Eckersley, Arnold Broughton, B.D.S.	1938	Elix, John Alan, B.Sc.	1962
Eckersley, Percy Cyril Wheaton, B.A.	1921	Elix, Ralph Louis, M.B., B.S.	1954
Eckersley, Peter Douglas, B.A.	1964	Elix, Robert Hugo, M.B., B.S.	1938
Eckert, Lexley Frank, B.A.	1966	Elix, Robin Guion, B.E.	1957
Eckert, Rex Anthony, B.Tech.	1966	Ellerton, Hugh David, B.Sc.	1961
Eddy, David Rendall, B.Sc.	1949	Ellery, Brenton Wayne, B.Sc.	1965
Eddy, Denis Ian, B.Ag.Sc.	1961	Elliott, Brian Robinson, D.Litt. (B.A., 1931)	1955
Eddy, James Robert, B.Sc. (Eng.)	1942	Elliott, David, Ph.D.	1961
Edelman, Howard John, M.B., B.S.	1939	Elliott, Denis Edward, B.Ag.Sc.	1960
Eden, Owen Frederick, B.Sc.	1947	Elliott, Jennifer Anne, B.A.	1959
B.A.	1954	Elliott, Kenneth Alexander, B.Ag.Sc.	1932
Edeson, Emily Geraldine, M.A. (Melbourne, 1899)	1902	Elliott, Lionel John, LL.B.	1936
Edgar, Heather Mary, B.A.	1957	Elliott, Malcolm Stacy, B.Ec.	1963
B.Mus.	1965	Elliott, Murray William, M.B., B.S.	1943
Edgar, John Alexander, Ph.D. (B.Sc., 1961)	1965	Elliott, Ralph Warren Victor, M.A. (St. Andrews, 1949)	1960
Edgar, Melvin Lawson, M.B., B.S.	1961	Elliott, Robert Bartlett, M.B., B.S.	1956
Edgar, Oscar Patrick, M.B., B.S.	1955	Elliott, Rodney Gordon, B.A.	1966
Edgar, Peter Lindsay, B.A.	1962	Elliott, Ronald Donovan, LL.B.	1931
Edgar, Robert Steel, M.Sc. (B.Sc., 1942)	1945	Elliott, Susan Audrey, B.Sc.	1966
Edge, Robert Harold, B.Sc.	1952	Ellis, Annie Rita, B.Sc.	1905
Edge, Thomas George, B.A.	1963	Ellis, Arthur Benjamin, B.A.	1911
Edgeloe, Michael John, B.Sc.	1961	Ellis, Brian David, B.Sc.	1950
Edgeloe, Victor Allen, B.A.	1932	B.A.	1953
Edgerley, Margaret Janetta, B.A.	1927	Ellis, Bronwyn Joan, B.A.	1966
Edgerley, Mark William, B.Sc.	1950	Ellis, Bruce Walter, B.A.	1949
Edmonds, Peter Harry, B.E.	1965	Ellis, Charlotte, B.A.	1950
Edmonds, Richard Lewis, B.A.	1964	Ellis, Frank, B.E. (B.Sc., 1907, surrendered) M.A. (B.A., 1911)	1913
Edmonds (nee Humphrey), Ruth Iris Marie, B.Sc.	1955	Ellis, Howard John, M.B., B.S.	1946
Edmonds, Stanley Joe, Ph.D. (B.Sc., 1929; M.Sc., 1947)	1958	Ellis, John Harry, B.Sc.	1966
B.A.	1935	Ellis, John Vickery, B.Ag.Sc.	1957
Edmonds, Thomas James, B.A.	1963	Ellis, Keith James, B.Sc.	1964
Edwardes, Barry Arthur, M.B., B.S.	1965	Ellis, Roger Melville, B.A.	1964
Edwardes, David Rowland, M.B., B.S.	1965	Ellis, Ronald Dudley, B.E.	1947
Edwardes, Brenton Colin, B.E.	1966	Ellis, Ronald Weston, B.Ag.Sc.	1966
Edwardes, Carolyn Edith, B.Sc.	1964	Ellis, Roy Gilmore, B.D.S.	1926
Edwardes, David Charles, LL.B.	1962	Ellison, Lawrence Roy, B.E.	1955
Edwardes, David George, Ph.D. (B.Ag.Sc., 1960)	1965	Elms, Valerie Lois, M.B., B.S.	1952
Edwardes, David George, B.Tech.	1965	Elphick, Keith Lewis Jarrett, B.D.S.	1965
Edwardes, Gordon Robert, B.Ag.Sc.	1949	Elsmann, Harmke, B.Sc.	1966
Edwardes, Graham William, B.A.	1957	Ely, Merle Dawn, B.A.	1958
Edwardes, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921)	1923	Emery, James Kenneth, B.E.	1961
Edwardes, Jennifer Mary, M.B., B.S.	1961	Emery, Peter John, B.A.	1966
Edwardes, Jennifer Marjorie, B.A.	1963	Emery, Warren Frederick, M.B., B.S.	1946
Edwardes, John Brian, B.Sc.	1963	Emmett, Leigh Jackson, B.E.	1961
Edwardes, Karl Francis, M.B., B.S.	1932	Endersbee, Brian Arthur, B.E.	1966
Edwardes, Naomi June, B.D.S.	1944	Endersbee, Rosslyn Joan, B.A.	1963
Edwardes, Pamela Julie, M.B., B.S.	1951	England, Barbara Winsome, B.A.	1964
Edwardes, Paul Julian, Ph.D. (Tasmania, 1964)	1965	England, Clarence William, M.B., B.S.	1925
Edwardes, Philip Glen, B.Sc.	1959	England, Ernest Bert, M.B., B.S.	1952
Edwardes, Richard Graham, B.Ec.	1966	England, Ernest James, M.B., B.S.	1951
Edwardes, Robert George, M.B., B.S.	1960	England, Gerald Clifford, B.A.	1960
Edwardes, Robert Murray, M.B., B.S.	1963	England, Harold Norman, B.Sc.	1925
Edwardes, Shirley Blanche, B.Sc.	1944	England, Harry Clement, B.E.	1930
Edwardes, Victor Wilfred Alcom, B.A.	1948	England, James Hurtle, B.Sc.	1966
Edyvean, Valerie Joan, B.A.	1966	England, Robert Keith, B.Sc.	1963
Eggleton, David Grosvenor, M.Sc. (B.Sc., 1952)	1956	Erdmann, Hermann Rudolf, B.Tech.	1965
Eggleton, Felicity Janet, B.A.	1955	*Erichsen, Matthias, M.B., B.S.	1903
Eggleton, Richard Anthony, B.Sc.	1959	Ericson, Leon Gordon, Ph.D. (B.Sc., 1955)	1959
Eglinton, Margi Stewart, B.Sc.	1945	Erikson, Erik Theodore, M.B., B.S.	1964
Eglinton, Raclene Dawn, B.A.	1964	Eriksen, Peter Warwick, LL.B.	1966
Egoh, Abdul Hamid, B.A.	1966	Esdaille, James Durie, Ph.D. (B.E., 1955)	1965
Ehmcke, Fieda Evelyn, M.B., B.S.	1931	Espie, Frank Fancett, B.E.	1919
Ehrke, Ronald Noel, B.Tech.	1965	Espie, Frank Fletcher, B.E.	1947
Eichler, Hansjoerg, Ph.D. (Dr.rer.nat. (Halle-Wittenberg), 1950)	1959	Esselbach, Brian Humphrey, B.E.	1963
Eimer, George Herman, B.E.	1937	Esselbach, Rodney, B.A.	1956
Elder, Audrey Olive, B.A.	1945	Eu, Swee Lian, Bernice, M.B., B.S.	1962
Eisele, Frank James, B.A.	1961	Eustace, John Leonard, B.D.S.	1921
Ekers, Ronald David, B.Sc.	1962	Evans, David Denton Edwards, M.B., B.S.	1960
Eldridge, David Melbourne, M.B., B.S.	1948	Evans, David Garth, B.Tech.	1962
Eley, Agnes May, B.A.	1944	Evans, David Wyke, B.Ec.	1957
Eley, John Robert, B.Sc.	1947	Evans, Deane Charles, B.A.	1965
Elford, Harold Stewart, B.E.	1925	Evans, Dene, B.E.	1951
Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953)	1958	Evans, Elizabeth Ann, B.Sc.	1960
Elford, Raymond Frank, B.Tech.	1961	Evans, Eric Laurence, B.A.	1930
Elford, William Graham, Ph.D. (B.Sc., 1947)	1955	Evans, Geoffrey Gordon Llewellyn, B.D.S.	1951
Elhay, Isaac Jacques, B.A.	1956	Evans, Geoffrey William, Ph.D. (B.Sc., 1959)	1965
Elhay, Jack, B.Sc.	1966	Evans, George Richard, B.E.	1937
Elhay, Sylvan, B.Sc.	1965	Evans, Horace Clement, B.Ec.	1956
		Evans, John William, M.A. (Cambridge, 1931)	1932
		Evans, Kenneth Alan Greig, M.B., B.S.	1953
		Evans, Lloyd Lindsay Carey, M.B., B.S.	1957
		Evans, Marilyn Joan, B.A.	1957

* Deceased

Fisher, John Malcolm, Ph.D. (B.Ag.Sc., (B.Sc.Agr., Sydney, 1953) 1959)	1966
Fisher, John Wayne, B.Sc.	1966
*Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959
Fisher, Ruben Walter Alfred, B.A.	1948
Fisher, Tryphena Ellen, B.A.	1930
Fisk, Graham Bristow, M.B., B.S.	1946
Fitch, Kenneth Duncan, M.B., B.S.	1955
Fitch, Rosemary Lamburn, B.A.	1949
Fitch, Russell John, M.B., B.S.	1963
Fitzgerald, Anne-Marie, B.Sc.	1955
Fitzgerald, Bartholomew John, B.A.	1929
Fitzgerald, Clarence Lindsay, B.A.	1952
Fitzgerald, Desmond Elwyn, B.Tech.	1961
Fitzgerald, Gerald, B.D.S.	1932
Fitzgerald, Hugh Lawrence, B.A.	1940
Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908
Fitzgerald, Judith Barbara, B.A.	1966
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928
Fitzpatrick, Alan Harding, M.B., B.S.	1953
Fitzpatrick, Barry Niland, M.D.S. (Western Australia, 1960)	1965
Fitzsimons, Robert Owen, B.A.	1964
Flaherty, Anna Theresa, B.A.	1953
Flaherty, Denis Oakley, B.Ag.Sc.	1966
Flaherty, Edward John, B.A.	1924
Flaherty, Francis Ignatius, M.B., B.S.	1935
Flaherty, James Aloysius, M.B., B.S.	1952
Flaherty, Teresa Anne, B.A.	1958
Flavel, Warren Louis, B.E.	1965
Flecker, Margaret Mabel, M.B., B.S.	1932
Flecker, Patrick Oscar, M.B., B.S.	1944
Fleming, Francis John, B.E.	1938
Fleming, Hugh Douglas, B.E.	1934
Fleming, Kenneth Howard, B.Tech.	1962
Fleming, Peter David, B.Sc.	1965
Fleming, Suzanne Diana, LL.B.	1966
Fleentie, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947
Fletcher, Ann Willoughby, B.A.	1953
Fletcher, Enid Lilian, B.A.	1959
Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936
Fletcher, Helen Weld, B.A.	1933
Fletcher, Ian Clark, B.Ag.Sc.	1961
Fletcher, John, Ph.D. (Keele, 1964)	1966
Fletcher, John Weld, LL.B.	1947
Fletcher, Judith Willoughby, B.Sc.	1960
Flett, John Stanley, B.Sc.	1941
M.B., B.S.	1951
Flew, Robert John, B.Ec.	1964
Flierl, Hans Eric, B.E.	1957
Flint, Harold Elsdon, M.A. (B.A., 1919)	1927
Flint, Peter Leighton, LL.B.	1963
Flint, Richard Russell, B.E.	1942
Flock, Ernest Leslie, M.B., B.S.	1964
Flood, Edward Dermott, B.App.Sc.	1966
Florenti, Leo Trevor, B.E.	1963
Florenti, Robert Franco, LL.B.	1966
Florey, Hilda Josephine, M.B., B.S.	1912
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921)	1944
D.Sc. (Sheffield and Birmingham)	1963
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950
Flower, Clifford James McKinnon, M.B., B.S.	1953
Flower, Ian Cameron, B.E.	1962
Flynn, Kevin John, B.A.	1938
Foale, Anthony Ernest, B.Tech.	1966
Foale, Harold Robert, LL.B.	1933
Foale, Michael Ambrose, B.Ag.Sc.	1957
Fogg, David Anthony Berthold, B.Sc.	1965
Fong, Jek Swee, B.E.	1960
Fong, Lian Hern, B.Sc.	1961
Foong, Siew-Wan, B.Sc.	1966
Fong, Thin Yiew, B.E.	1958
Fong, Yeng Soh, B.E.	1959
Foo, Chee Eng, B.E.	1960
Foo, Chee Kok, B.Sc.	1964
Foo, Seow Weng, B.Sc.	1963
Foo, Thian Woolf, Anthony, B.E.	1964
Foong, Siew Muay, M.B., B.S.	1957
Foong, Siew-Wan, B.Sc.	1966
Foong, Swee Kai, B.E.	1961
Foord, Peter Maxwell, B.E.	1952
Foot, Colin John, B.E.	1962
Foot, George Buchanan, B.Sc.	1934
Foot, John Lester, M.B., B.S.	1965
Footner, Bruce Albert, B.Tech.	1958
Forbes, Alexander James deBurgh, B.A.	1951
Forbes, Allan McLean, B.Tech.	1965
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956
Forbes, David Stewart, M.B., B.S.	1955
Forbes, Elizabeth McLean, B.A.	1962
Forbes, Ian James, M.D. (M.B., B.S., 1956)	1964
Forbes, William, B.A.	1936
Forbes, William McDougall, B.Sc.	1961
Ford, Graeme West, B.Ag.Sc.	1964
Ford, James Albert, B.A.	1919
Ford, John Mackay, B.Sc.	1964
Ford, John Robert, B.E.	1960
Ford, Raymond William, B.E.	1922
Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956
Forde, Charles Rex, B.D.S.	1928
Forde, Douglas Highmore, B.Sc.	1932
B.A.	1938
Forde, Howard Hamlyn, B.E.	1926
Fordham, Juanita Horwood, B.A.	1927
Forgan, Anthony James, B.E.	1954
Forgan, Dorothea Wald, M.B., B.S.	1958
Forgan, Frederick Robert, LL.B.	1928
Forgan, Humphrey Crayle, B.E.	1927
Forgan, Peter John, M.B., B.S.	1959
Forgan, Sydney Bayly, M.B., B.S.	1926
Forgie, Donald Schollar, B.A.	1949
Formby, John Richard, B.Ec.	1965
Formby, Myles Landseer, M.B., B.S.	1924
Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943
Forrest, Anna Marlene Helen, B.A.	1966
Forrest, Richard Bruce, B.Sc.	1965
Forrest, Walde William, B.Sc.	1948
Forrester, James Clifford, B.E.	1965
Forster, William Edward Stanley, LL.B.	1950
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955
Forsyth, Heather McKenzie, B.Sc.	1961
Forsyth, Robert Samuel, B.A.	1937
Forward, David William, B.A.	1966
Forward, Marilyn Joy, B.Sc.	1962
Forwood, Peter Strauss, B.Sc.	1956
Foster, Barry Wayne, B.Tech.	1965
Foster, Robert Jacomb, B.E.	1955
Fotheringham, Brian James, B.Med.Sc.	1963
M.B., B.S.	1966
Fotheringham, James David, M.B., B.S.	1937
Fotheringham, Walter Douglas, B.E.	1956
Foulis, John Bruce, B.Tech.	1964
Fowler, Barry Herbert, B.A.	1966
Fowler, Dorothy Colyer, B.A.	1949
Fowler, James Henry, B.E.	1952
Fowler, Jeffrey Thomas, B.Tech.	1966
Fowler, Kenneth Raymond, B.A.	1955
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951
Fowler, Robert Malcolm, B.Ec.	1958
Fowler, Russell Aubrey, B.Sc.	1919
Fowler, Thomas Peter, B.Ec.	1964
Fowler, Trevor John, B. Ec.	1962
Fowless, Joan Ann, B.Sc.	1965
Fox, Barry, LL.B.	1965
Fox, Bruce Spafford Owen, M.B., B.S.	1958
Fox, David Michael, B.D.S.	1953
Fox, Ina Alice Owen, M.B., B.S.	1938
Fox, Robert Owen, M.B., B.S.	1925
Fox, William Thomas, B.Tech.	1962
Frahn, Leslie John, M.Sc. (B.Sc., 1941)	1949
Francey, Joseph Logan Avre, M.Sc.	1963
Francis, Albert Edward John, B.Sc.	1949
Francis, John Graham, M.B., B.S.	1955
Francis, Juris, B.Sc.	1962
Francis, Lenore Kay, B.Sc.	1964
Francis, Robert John, B.Sc.	1959
Francis, Valdis, B.A.	1966
Francis, Vera Eleanor, M.A. (B.A., 1938)	1941
Francis, Wilfred Galton, B.E.	1935
Frank, Robert, M.B., B.S.	1965
Frankcomb, John, B.Ag.Sc.	1966
Franklin, Ian Robert, B.Sc.	1960
Franks, Mary Lorraine, B.Sc.	1959
Fraser, Barbara Margaret, B.Sc.	1966
Fraser, Christine, B.A.	1965
Fraser, Donald James, B.A.	1966
Fraser, Dougal, B.D.S.	1958
Fraser, Duncan Lovat Radcliffe, B.Sc.	1950

* Deceased

Fraser, Frederick Christopher, B.D.S.	1938
Fraser, Harry Lovat, LL.B.	1932
B.A.	1933
Fraser, Hugh Barron, M.B., B.S.	1955
Frayne, Graham Arthur, B.D.S.	1933
Frayne, Harold Bruce, M.D.S. (B.D.S., 1940)	1953
Frayne, John Felix, M.B., B.S.	1936
Frayne, Max Thorley, B.D.S.	1945
Frayne, Peggy Searle, B.Sc.	1945
Freak, John Amed, B.Sc.	1965
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
Freeman, Jef Elliot, B.Sc.	1940
Freeman, Robert Roger, M.B., B.S.	1962
Freestun, William David, B.E.	1949
Freidenfelds, Maija, B.D.S.	1961
Freidenfelds, Mara, B.Sc.	1961
Freidenfelds, Regina, B.D.S.	1956
French, Alfred, M.A. (Cambridge, 1946)	1951
French, Eric Lancelot, M.Sc. (B.Sc., 1942)	1948
French, Margaret, B.A.	1961
French, Reginald James, B.Ag.Sc.	1948
French, Robert John, B.Sc.	1965
Freney, Martin Raphael, B.Sc.	1930
Freney, Roger Quentin, B.Ec.	1965
Freytag, Ian Bernard, B.Sc.	1955
Frick, Anthony James, B.E.	1962
Frick, Majorie May, LL.B.	1934
Frick, Patricia Marian, LL.B.	1938
Frick, Ross Allen, B.Sc.	1958
Frickauss, Valdons Elmars, B.A.	1963
Fricker, Graham Andrew, B.E.	1955
Fricker, Lyall Peterie, B.Sc.	1949
B.A.	1951
Fricker, Norman Meshach, B.E.	1933
Fricker, Richard John, B.Sc.	1955
Fricker, Vera May, M.A. (B.A., 1930)	1932
Fridman, Gerald Henry Louis.	
LL.B. (B.C.L., Oxford, 1950)	1953
LL.M.	1955
Frisby-Smith, Margaret Rose, B.A.	1965
Frith, Ernest Everard, B.Sc.	1949
Fritsch, Garnette Grace, B.A.	1957
Fritsch, Eunice Serena, B.A.	1947
Fritsch, Luthilde Clara, B.A.	1948
Fritsch, Mary Walda, M.B., B.S.	1955
Fritzsche, Janet May, B.Arch.	1965
Frost, Mary Millicent, B.A.	1927
Fry, Adelaide Elizabeth, LL.B.	1953
Fry, Dorothy Gillian, B.A.	1945
Fry, Geoffrey Alfred, B.Tech.	1960
Fry, Jacqueline Frances Murray, B.Sc.	1961
Fry, Leslie Barry, B.E.	1954
Fry, Peter Leslie, M.B., B.S.	1965
Fry, Robert Mason, B.Sc.	1947
Fryer, Beverley Anne, B.A.	1963
Fryer, Colin, B.E.	1963
Fryters, Christianus Wilhelmus, B.Tech.	1966
Fuhboh, Margaret, B.A.	1944
Fuller, Anthony Bernard, LL.B.	1966
Fuller, Bonython Clemon, B.Tech.	1961
Fuller, Clarence Oliver, M.B., B.S.	1954
Fuller, Donald Andrew, B.E.	1955
Fuller, Geoffrey Roy, B.Sc.	1951
Fuller, George Rayner, B.Sc.	1924
B.E.	1963
Fuller, Kenton David, B.Sc.	1960
Fuller, Michael John, LL.B.	1963
Fuller, William Rayner, M.B., B.S.	1953
Fullerton, Anne McPherson, B.Sc.	1957
Fulton, Gwen Evelyn Hamilton, M.A. (B.A., 1932)	1939
Funder, Anne Cathrine, B.D.S.	1934
Funder, Brian Patrick, M.B., B.S.	1933
Funder, John Francis, B.Sc.	1935
M.B., B.S.	1938
Fung, Khyam Shen, B.E.	1957
Furler, Graeme Walter, B.Sc.	1963
Furler, Ian King, M.P., B.S.	1948
Furness, Eric Taylor, B.Sc.	1955
M.B., B.S.	1964
Furness, Gwenda Marie, B.A.	1941
Furniss, Dennis Reginald, M.B., B.S.	1962
Furze, Betty Joan, B.Sc.	1951
Furze, Janet Lesley, B.Sc.	1956
Fyfe, Dorothy Mary, B.A.	1926

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Gabb, Bronte Winston, B.Sc.	1961
B.Med.Sc.	1961
M.B., B.S.	1962
Gabb, Mary Elizabeth, M.B., B.S.	1960
Gadilhe, 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
Galstiltis, Antanas, B.Tech.	1960
Galbory, Jutta Maria Paula, B.A.	1965
Galbraith, Cyril, B.E.	1927
Gale, Allen Ewart, M.B., B.S.	1956
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, Harold Ernest, B.Ag.Sc.	1965
Gallasch, Malcolm George, B.E.	1955
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.	1956
Galvin, Selma Ruth, B.A.	1953
Galvin, Thomas Bernard, B.A.	1916
Gamble, Graham Beaumont, B.Sc.	1963
Gamble, Valerie Joan, B.A.	1966
Gambling, David John, B.Sc.	1963
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
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, 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, John Henry, M.B., B.S.	1961
Gare, Lloyd, B.Sc.	1932
B.A.	1950
Garrad, Kenneth, Ph.D. (Cambridge, 1955)	1966
Garran, Elisabeth Rosemary, B.A.	1954
Garrett, David Mitchell, B.E.	1956
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

* Deceased

Cayler, Pamela Anne, B.A.	1961
Cazard, Geoffrey Albion, B.A.	1949
Cazard, 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
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
George, 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, Max Johann, B.A.	1925
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
Gersch, Nerida Fay, B.Sc.	1963
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
Gibson, Bramwell St. Clair, B.Tech.	1958
Gibson, Christine Mary, B.A.	1965
Gibson, Douglas Barr, M.B., B.S.	1945
Gibson, Edmund Ralph Boyce, B.A.	1966
Gibson, Geoffrey Eric, M.B., B.S.	1965
Gibson, George Taylor, M.B., B.S.	1935
Gibson, Gladys Ruth, B.A.	1937
Gibson, Graham Coyne, B.A.	1949
Gibson, Irene Jean, B.A.	1965
Gibson, John Keith, B.A.	1962
Gibson, Malcolm Milne, B.A.	1956
Gibson, Margaret Dawn, B.Sc.	1952
Gibson, Patricia Mary, B.A.	1960
Giddings, Keith, B.A.	1962
Giersch, Leonard Ernst, B.A.	1940
Gifford, Alfred Silva Harril, LL.B.	1922
Gilbert, Allan Baxter, B.Tech.	1965
Gilbert, Anthony Roland, B.Sc.	1962
Gilbert, Joan Marion, B.A.	1961
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959
Gilbert, Stephen Hamilton, B.E.	1934
Gilbertson, Nannette, B.A.	1951
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959
Gilchrist, Robert James, B.A.	1950
Gild, Albert, M.B., B.S.	1934
Gild, David, M.B., B.S.	1938
Gilding, Gwendoline Fay, B.A.	1952
Gilding, Kevin Rex, B.A.	1952
Giles, Allan Leonard, Mus.Bac.	1950
Giles, David Lithgow, B.E.	1960
Giles, Douglas Haynes, B.E.	1954
Giles, Harold, B.A.	1911
Giles, Ireton Elliot, B.A.	1897
Giles, Jack Bernard, B.Sc.	1943
Giles, John Robert, B.E.	1966
Giles, James Palmer, B.A.	1931
Giles, James Ramsay, B.A.	1959
Giles, Keith Emanuel, M.B., B.S.	1951
Giles, Mortimer, LL.B.	1911
Giles, Nigel Stuart, B.Sc.	1905
Giles, Peter Mortimer, B.E.	1953
Giles, William Ronald, B.Arch.	1966
Gilfedder, Peter Thomas, B.A.	1961
Gilfillan, William Robert, B.E.	1948
Gill, Clarence William Cecil, B.A.	1934
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913
Gill, Raymond Harold, B.E.	1951
Gill, Richard Townshend, M.B., B.S.	1951
Gill, Robert Charles, B.Sc.	1957
Gill, Rodney Trevor, B.Ec.	1961
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934
Gillam, Leon George, M.B., B.S.	1954
Gillen, Robert Spencer, M.B., B.S.	1953
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1938)	1943
Gillespie, Doris Pearl, B.A.	1940
Gillespie, Elsie Jean Ann, B.A.	1935
Gillespie, Frank Cecil, B.Sc.	1956
Gillespie, Graeme James, M.B., B.S.	1966
Gillespie, William Charles, LL.B.	1927
Gillett, Bernard St. Patrick, M.B., B.S.	1928
Gillett, Mervyn Clem, LL.B.	1931
Gillham, Charles Alfred, B.A.	1911
Gillham, James Edgar, B.A.	1954
Gilligan, John Eugene, M.B., B.S.	1961
Gilliand, John Robert, B.Tech.	1965
Gillian, Kenneth Lowell Oliver, Ph.D. (Australian National University, 1959)	1963
Gillissen, Albert Johan, B.Arch. (New Zealand, 1958)	1964
Gillman, Phyllis Constance, B.A.	1916
Gilmore, Hugh Robert, M.B., B.S.	1945
Gilmore, Jean, LL.B.	1934
Gilmore, Vytautas, M.B., B.S.	1963
Giorgio, Antonio, M.B., B.S.	1956
Gladigau, Rita Doreen, B.Ec.	1948
Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951
Glaessner, Vera Tamara, B.A.	1965
Glasson, Alan Raymond, B.Sc.	1964
Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958
Glastonbury, Dudley Ivan, B.Sc.	1930
B.A.	1933
Glastonbury, James Oliver Garnet, B.A. M.Sc. (B.Sc., 1928)	1932
Glastonbury, Keven, M.B., B.S.	1926
Glastonbury, Kevin Brian, M.B., B.S.	1963
Glastonbury, Ronda May, B.Sc.	1965
Glastonbury, Susan Remfry, LL.B.	1966
Glastonbury, William Francis, M.B., B.S.	1964
Clayde, Ernest James, B.E.	1927
Gledhill, John Douglass, B.E.	1952
Glencross, Denis John, M.Ed. (Western Australia, 1964)	1966
Glendenning, Alan John, B.Sc.	1966
Glenn, Alan John, B.Ec.	1965

* Deceased

Glenn, Graham Gordon, B.A.	1958
Glenn, Margaret Joy, B.A.	1958
Glesinger, Marianne Antonie, M.B., B.S.	1953
Gliddon, Alfred Bertram Keith, M.B., B.S.	1948
Gliddon, Edmund Barton, B.E.	1966
Gliddon, William Aquilla Robert James, B.A.	1950
Glinka, Natalie, M.B., B.S.	1962
Glonck, Jan, B.Tech.	1962
Glover, Brian, B.Sc.	1945
Glow, Lotte, Ph.D.	1964
Glow, Peter Helmut, Ph.D. (London, 1958)	1960
Gluis, John, M.A. (B.A., 1911)	1922
Gluyas, Maxwell Allan, M.B., B.S.	1957
Gluyas, Richard John, B.D.S.	1956
Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Glynn, Brian McMahon, LL.B.	1933
Glynn, Denis McMahon, LL.B.	1929
Glynn, Robert McMahon, M.B., B.S.	1919
Gnanasamugan, Balasuntharam, B.E.	1959
Goatcher, Philip Daniel, M.B., B.S.	1945
Goble, James Roy, B.Tech.	1960
Gobbett, Donald Lyon, B.A.	1962
Gobbett, Estelle Margaret, B.A.	1961
Gobbett, Thelma Jean, B.A.	1950
Goddard, Peter Norman Lighten, B.Sc.	1959
Godfrey, Edward John Owen, M.B., B.S.	1945
Godfrey, James Cecil, B.E.	1962
Godfrey, Kirke Charles, M.B., B.S.	1914
Godfrey, Robert Charles, M.B., B.S.	1944
Godlee, Margery Rebecca, B.A.	1917
Godlee, Theodore, M.B., B.S.	1932
Godwin, John Robert, B.A.	1966
Godwin, Suzanne, B.A.	1962
Goh, Hee Boon, B.Sc.	1966
Goh, Kim Kee, Ivy, B.Sc.	1964
Goh, Men Hai, William, M.B., B.S.	1965
Goh, Teik Poh, B.Sc.	1965
Goh, Tong Hong, B.Sc.	1964
Gold, Mervyn Roy, M.B., B.S.	1939
Gold, Ronald Geoffrey, M.B., B.S.	1952
Goldbeck, Rene Alice, M.B., B.S.	1949
Goldby, Frank, M.D. (Cambridge, 1936)	1937
Goldfinch, Arthur Leslie, B.Sc.	1951
Goldfinch, Conway Peter, M.B., B.S.	1961
Golding, Edmond William, B.A.	1951
Golding, Phyllis May, B.A.	1951
Goldney, David Charles, B.Sc.	1962
Goldsmith, Robert Eric Lewis, B.Sc.	1961
Goldsworthy, Arthur Clive, B.A.	1953
Goldsworthy, David, B.A.	1949
Goldsworthy, David John, B.A.	1960
Goldsworthy, Eric Roger, B.Sc.	1950
Goldsworthy, Janice Julia, B.A.	1956
Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930
Goldsworthy, Lance Rodney, M.B., B.S.	1959
Goldsworthy, Reuben, B.Sc.	1948
Goldsworthy, B.A.	1962
Golin, Reg John, B.Sc.	1966
Golinger, Donald, M.B., B.S.	1955
Gollan, John Lachlan, M.B., B.S.	1966
Golledge, John Gouldhawke, M.B., B.S.	1954
Golley, Bruce Wilfrid, B.E.	1966
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, Richard John, B.E.	1953
Goodale, Peter Lewis, B.E.	1957
Goodchild, Robin John, B.Sc.	1955
Goode, Alan Douglas Tracey, B.Sc.	1965
Goode, Benjamin Ryall, M.B., B.S.	1947
Goode, Harold Ralph, B.E.	1945
Goode, Henry Arthur, M.B., B.S.	1938
Goode, John Reginald, B.A., B.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, 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 Compson, 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.	1955
Goodwin, M.Sc. (B.Sc., 1951)	1959
Gordon, Bruce Rutherford, B.A.	1964
Gordon, Elizabeth Mary, B.Sc.	1964
Gordon, Ian Donald, B.E.	1959
Gordon, John Murray, Mus.Bac.	1953
Gordon, B.A.	1956
Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949
Gordon, Leslie Kenneth, LL.B.	1953
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, B.D.S.	1964
Gottschall, Martin, M.E., (B.E., 1960)	1966
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
Covenlock, James Coburn, Mus.Bac.	1943
Cower, Charlie James, B.A.	1954
Cower, Jeffrey Stephen, M.B., B.S.	1964
Cower, Robert Pierce, M.B., B.S.	1961
Cower, Stephen Newman, B.E.	1964
Grace, Muriel Jean, B.Sc.	1960
Gradusov, Alexis, B.A.	1958
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.S.	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 Svdney, LL.B.	1950
Gratton, Marshall Gladstone, M.B., B.S.	1941
Gratton, Meplan John, B.E.	1934
*Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915)	1920
Grava, Andreis, 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, Dianna 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.	1949
Gray, B.A.	1952

* Deceased

Gray, Ian Howard, B.A. - - - -	1965	Griffiths, Peter Royston, B.Ec. - - - -	1962
Gray, Keith Douglas, M.B., B.S. - - - -	1926	*Griffiths, Thomas Lester, LL.B. - - - -	1913
Gray, Malcolm, B.Sc. - - - -	1966	Grigg, David Lindsay, B.Arch. - - - -	1964
Gray, Malcolm Forgan, LL.B. - - - -	1963	Griggs, Arden Michael, B.Arch. - - - -	1961
Gray, Maurice Chadwick, B.Sc. - - - -	1933	Griggs, Clarence Middleton, B.Sc. - - - -	1924
Gray, Neil Boon, Ph.D. (B.E., 1958) - - - -	1963	Griggs, James Middleton, B.E. - - - -	1949
Gray, Rodney Leonard, B.E. - - - -	1962	Grigson, Christopher James, B.Sc. - - - -	1966
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered) - - - -	1913	Grimes, Louisa Catherine, Mus.Bac. - - - -	1937
Gream, George Edward, Ph.D. (Cambridge, 1961) - - - -	1962	Grimm, Raymond Clifford, B.Sc. - - - -	1965
Green, Alan Elston, B.Sc. - - - -	1949	Grimwade, Arnold Elliott, B.Sc. - - - -	1955
Green, Cynthia Joan, B.A. - - - -	1945	Grivell, Anthony Robert, B.Ag.Sc. - - - -	1966
Green, Donald Clare, B.Sc. - - - -	1942	Grivell, Baden John, B.E. - - - -	1958
Green, Harry Edward, M.E. (B.E., 1957) - - - -	1964	Grivell, Peter Desmond, M.B., B.S. - - - -	1956
Green, Herbert Sydney, D.Sc. (Edinburgh) - - - -	1952	Gronthos, William Peter, B.Tech. - - - -	1965
Green, Ian Edward Charles, B.A. - - - -	1963	Gross, Gordon Flinders, M.Sc. (B.Sc., 1950) - - - -	1956
Green, Jennifer Lois, B.A. - - - -	1962	Gross, John William, B.A. - - - -	1966
Green, John William, B.Sc. - - - -	1953	Gross, Klem Bassett, B.E. - - - -	1924
Green, Lawrence Goodwin, B.Ec. - - - -	1951	Gross, Patricia Mary, B.A. - - - -	1950
Green, Leslie Colin, B.E. - - - -	1965	Grosse, John Allan, B.A. - - - -	1958
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958) - - - -	1960	Grosser, Agnes Juliana Hulda, B.A. - - - -	1910
Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951)) - - - -	1961	Grosvenor, Cyril, B.D.S. - - - -	1925
Green, Mary Patricia, B.Sc. - - - -	1954	Grosvenor, Edna Mary, M.A. (B.A., 1921) - - - -	1928
Green, Patricia Marie, B.A. - - - -	1959	Crote, Albert Walter, M.B., B.S. - - - -	1926
Green, Peter Henry Jerome, LL.B. - - - -	1963	Crote, Fay, M.B., B.S. - - - -	1956
Green, Ralph Noel, B.A. - - - -	1954	Crote, Keith Walter, B.D.S. - - - -	1958
Green, Richard Maslen, B.A. - - - -	1937	Crove, Richard Jeffrey, B.Arch. - - - -	1964
Green, Ronald Gordon, B.Sc. - - - -	1949	Groves, Murielle Annis Clemland, B.A. - - - -	1937
Green, William Allan McInnes, B.E. - - - -	1928	Grubb, Yvonne, B.A. - - - -	1951
Greeneklee, Charles Sydney, B.Sc. - - - -	1964	Grund, Roger Bartram, B.Sc. - - - -	1966
Greenfield, Richard John, B.Sc. - - - -	1965	Grundy, Edward Lindley, B.Tech. - - - -	1966
Greenfield, Vivian Hutchison, B.Sc. - - - -	1951	Grygorzewicz, Czeslaw, B.Sc. - - - -	1964
Greenhough, Arthur David, B.E. - - - -	1942	Gubbay, Sasson Stephen, M.B., B.S. - - - -	1957
Greenland, Dennis James, Ph.D. (Oxford, 1955) - - - -	1960	Gubbins, Heather Welch, B.A. - - - -	1950
Greenland, Patrick Cecil, M.A. (B.A., 1931) - - - -	1933	Gudkovs, Ariss, M.B., B.S. - - - -	1955
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered) - - - -	1913	Guerin, Bruce, B.A. - - - -	1964
Greenlees, Alan William, B.Sc. - - - -	1964	Guerin, Michael, M.B., B.S. - - - -	1964
Greenlees, Rollo, M.B., B.S. - - - -	1937	Guerin, Robert Langley, M.B., B.S. - - - -	1957
Greenshields, Leonore Mary, B.Sc. - - - -	1966	Guerin, Ronald St. Clair, B.E. - - - -	1953
Greenslade, Noel Walter, B.Sc. - - - -	1960	Guinand, Andrew Paul, B.Sc. - - - -	1932
Greenslade, Robin Philip James, LL.B. - - - -	1965	Guinand, Mimi Helen, B.A. - - - -	1938
Greenway, Harold, B.E. (B.Sc., 1906, surrendered) - - - -	1913	Gulland, David Lumgair, M.B., B.S. - - - -	1955
Greenway, Hendrik, Ph.D. - - - -	1966	Gulland, Ian Ferris, M.B., B.S. - - - -	1956
Greenway, Thomas Charles, B.Sc. - - - -	1900	Gulliver, Charles William, B.E. - - - -	1963
Greenwood, Robert Clifford, M.B., B.S. - - - -	1966	Gun, Richard Townsend, M.B., B.S. - - - -	1960
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - -	1907	Gunaratnam, Daniel, B.E. - - - -	1962
Greer, Henry Steven, M.D., (M.B., B.S., 1952) - - - -	1966	Gunn, Archibald Keith, B.E. - - - -	1956
Greet, Elizabeth Bronwen, B.A. - - - -	1958	Gunn, James Allan Baikie, B.A. - - - -	1959
Greet, Frank Hamilton, B.A. - - - -	1953	Gunn, John Alexander, M.A. (Liverpool, 1919) - - - -	1928
Greet, Norman George Frank, M.A. - - - -	1928	Gunner, Susan Mary, B.Sc. - - - -	1966
Greet, Norman Stanley, B.A. - - - -	1965	Gunning, Julienne Elizabeth Stannus, M.B., B.S. - - - -	1958
Greet, Raymond James, B.A. - - - -	1957	*Gunning, Norman Stannus, M.B., B.S. - - - -	1926
Gregory, Cedric Errol, B.E. - - - -	1931	Gunson, John Grattan, M.B., B.S. - - - -	1952
B.A. - - - -	1944	Gunson, John Michael Morphet, M.B., B.S. - - - -	1933
Gregory, Janet Phillis, B.A. - - - -	1954	Gunton, James Donald, B.A. - - - -	1938
Grenfell, Ian Henry, B.A. - - - -	1957	Guppy, Douglas James, B.Sc. - - - -	1944
Grewar, Lais Valerie, M.B., B.S. - - - -	1952	Guppy (nee Knox), Joan Claudia, B.Sc. - - - -	1943
Gribble, Albert Elijah, M.B., B.S. - - - -	1929	Gurner, Colin, M.B., B.S. - - - -	1918
Gribble, Cynthia May, B.A. - - - -	1962	Gurner, Colin Marshall, M.B., B.S. - - - -	1942
Gribble, Michael De Gruchy, M.D. (D.M., Oxford, 1954) - - - -	1966	Gurner, Ralph William, B.Tech. - - - -	1963
Grierson, John James, B.E. - - - -	1937	Gurner, Ruth Eleanor, B.Mus. - - - -	1965
Grieve, Donald Edward, LL.B. - - - -	1966	Gurney, Harold Cyril, M.Sc. (B.Sc., 1930) - - - -	1932
Grieve, Ian Charles, LL.B. - - - -	1953	Gurr, Clifford George, B.Sc. - - - -	1947
*Griff, Bernard, LL.B. - - - -	1925	Gurr, Graham Edward, Ph.D. (B.Sc., 1956) - - - -	1962
Griffin, Brian Richard, B.Ec. - - - -	1961	Gurry, David Cyril, B.A. - - - -	1964
Griffin, Danielle, B.A. - - - -	1949	Guster, Allan Frederick, B.E. - - - -	1951
Griffin, Donald Ward, B.E. - - - -	1951	Guthaner, Ernst M.B., B.S. - - - -	1942
Ph.D. - - - -	1966	Guthrie, Leo Robert, B.Ec. - - - -	1966
Griffin, Gerald John, B.A. - - - -	1957	Guy, Robert William, Ph.D. (B.Sc., 1962) - - - -	1966
Griffin, Kenneth Trevor, LL.B. - - - -	1962	Guymer, Arthur Howes, M.B., B.S. - - - -	1915
Griffin, Neil Ralph, B.Tech. - - - -	1966	Guymer, Ernest Albert, M.B., B.S. - - - -	1914
Griffin, Peter Thomas, B.Sc. - - - -	1962	Guymer, Max William, M.B., B.S. - - - -	1947
Griffiths, Anthony Royston Grant, M.A. (B.A., 1964) - - - -	1965	Gynther, Reginald Sydney, M.Ec. - - - -	1964
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1947		
Griffiths, George Townsend, Mus.Bac. - - - -	1915		
Griffiths, Pamela Ann, B.A. - - - -	1965		

* Deceased

H

Ha, Yut Hung, Patrick, M.B., B.S. - - - -	1965
Haas, Christine Primula, B.Ag.Sc. - - - -	1965
Habib, Bernadette Dolores, M.B., B.S. - - - -	1954
Habich, Carl Gerhard, B.A. - - - -	1932
Habich, Carl Julius, B.E. - - - -	1930
Hack, Gulielma, B.Sc. - - - -	1961
Hackett, Cecil John, M.D. (M.B., B.S., 1927) - - - -	1935
Hackett-Jones, Francis Charles, B.E. - - - -	1965
Hackett-Jones, Geoffrey Alexander, LL.B. - - - -	1966

Hackworthy, Harold Stewart, B.Sc.	1945	Hammill, Robert Duncan, M.B., B.S.	1942
Haddad, Gerald Neil, B.Sc.	1962	Hammond, Brian George, B.Sc.	1957
Haddow, Dennis James, B.Sc.	1963	Hammond, Henry Grant, M.B., B.S.	1944
Haddow, Graham James, B.Tech.	1961	Hammond, John Michael, M.Sc.	1958
Haddow, Ian Hamilton, B.E.	1963	Hamon, David Peter George, Ph.D.	
Haddrick, Eric Murray, LL.B.	1954	(Southampton, 1962)	1966
Haddrick, Peter Donald, B.E.	1953	Hamp, Frances Marian, M.B., B.S.	1925
Haden, John Forbes, B.A.	1953	Hampel, Lylal Herbert, B.A.	1966
Hadjandonis, George, B.Tech.	1964	Hamra, Kameel Lawrence, M.B., B.S.	1958
Haefner, Paul Clifford, Ph.D. (Leeds, 1957)	1959	Hamze, Francois, M.B., B.S.	1966
Haese, Beth Theodora, B.A.	1947	Hanckel, John Erhard, B.E.	1964
Haese, David Kinnear, LL.B.	1957	Hancock, Deane Glenn, B.Sc.	1964
*Haese, Ernst Alfred Wilhelm, B.A.	1943	Hancock, George Alfred, M.A. (B.A., 1901)	1909
Haese, Frederick Ernest Douglas, B.A.	1950	Hancock, James Russell, B.Sc.	1941
Haese, Robert Carl, B.Sc.	1966	Hancock, John Owen, M.B., B.S.	1952
Hagan, William Barry, B.Tech.	1965	Hancock, Jonathan Yeatman, M.B., B.S.	1959
Hagley, Stephen Roderick, M.B., B.S.	1966	Hancock, Keith Jackson, Ph.D. (London, 1959)	
Hagmeister, Karin Erika, B.A.	1964		1960
Hague, John Stanley, B.A.	1956	Hancock, Richard Russell, B.E.	1958
Hague, Ralph Meyrick, LL.B.	1932	Hancock, Trevor John, B.Tech.	1966
Hahn, Hurtle William, B.A.	1933	Hancock, William Andrew, B.Sc.	1924
Haines, Colin Edward, B.Ag.Sc.	1941	Hancock, Sir William Keith, M.A. (Oxford, 1930)	
Haines, David Albert, M.B., B.S.	1962		1931
Haines, Ian Grenville, B.Sc.	1965	Hancock, William Stephen, B.Sc.	1966
Haines, Murray David, B.A.	1947	Handley, Donald Alfred, M.B., B.S.	1953
Haines, Paul, B.A.	1963	Handley, Douglas Victor, M.B., B.S.	1965
Haines, Peter David, B.E.	1960	Handley, Harold Arthur, M.B., B.S.	1951
Haines, Norman Lindsay, B.A.	1947	Handley, Joan Marie, M.B., B.S.	1955
Hains, Ivan Coronel, M.B., B.S.	1911	Handsworth, John Leonard, M.B., B.S.	1965
Hains, John Daniel, M.B., B.S.	1966	Handy, Helen Ellice, M.B., B.S.	1964
Hains, Robert Myer, M.B., B.S.	1940	Hankel, Barbara Joan, B.A.	1954
Hainsworth, David Roger, M.A. (Oxford, 1960)	1966	Hann, Christopher Sinclair, B.Sc.	1962
Hakendorf, Andrew John, M.B., B.S.	1929	Hanna, Ian, M.A. (Leeds, 1964)	1965
Haldane, Alexander David, B.Sc.	1949	Hanna, Marshall John Dawson, M.B., B.S.	1962
Hale, Malcolm Robert, B.E.	1962	Hanna, Mary Louise, LL.B.	1965
Hale, Robert Palmer, M.Sc. (B.Sc., 1954)	1966	Hanna, Robert Graham, B.Tech.	1960
Hall, Alfred Daniel, M.A. (Oxford)	1914	Hannaford, Brian Douglas, B.Sc.	1945
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956	Hannaford, Ian Geoffrey, B.Arch.	1963
Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922	Hannaford, Walter Kingsley, B.Tech.	1965
Hall, Christopher John, M.B., B.S.	1963	Hannam, Alan Gordon, B.D.S.	1962
Hall, Donald Richard, M.B., B.S.	1959	*Hannan, Albert James, M.A. (B.A., 1909)	1914
Hall, Elizabeth Adelaide Anne, B.Sc.	1959	LL.B.	1912
Hall, Franklin George, B.Sc.	1965	Hannan, Clare Reginald, LL.B.	1922
Hall, Frederick Leonard, B.Ec.	1955	Hannan, Ian Ignatius, B.E.	1949
Hall, Geoffrey Charles, B.D.S.	1958	LL.B.	1938
Hall, Graham Richard, B.Tech.	1965	Hannan, John Spencer, LL.B.	1958
Hall, Jocelyn Rosemary, B.A.	1948	Hannan, Mignonne Elizabeth, LL.B.	1955
Hall, John McGregor, B.Sc.	1963	Hannan, Myles Bertram, B.A.	1965
Hall, Marjorie Gertrude, Mus.Bac.	1931	Hannay, Rexford John, B.A.	1966
Hall, Norman Bruce, M.B., B.S.	1917	Hannon, Dennis Francis, M.B., B.S.	1942
Hall, Robert Darwin, B.E.	1956	Hannon (née Lewis), Gweneth Elizabeth, B.D.S.	1932
Hall, Robin Dennis, B.Sc.	1965	Hannon, Pauline Mary, B.D.S.	1963
Hall, Valerie Lois, B.Sc.	1962	Hansberry, Gerald Maxwell, M.B., B.S.	1953
Hall, William Oswald James, B.Sc.	1950	Hansberry, John Pierce, B.A.	1945
Halleday, John Arthur, B.Sc.	1966	Hansberry, Mary Estelle, B.Sc.	1951
Hallett, Evan Charles, M.B., B.S.	1947	B.A.	1954
Hallett, Harold Sinclair, B.E.	1932	Hansberry, Sara, B.A.	1962
Hallett, Joan, B.Sc.	1960	Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956
Hallett, Reginald Thomas, B.E.	1938	Hansen, Ian Victor, B.A.	1950
Halley, Winifred, M.B., B.S.	1960	Hansen, Ruth, B.Sc.	1956
Halliday, Kenneth Walker, B.Ec. (Sydney, 1965)	1966	Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952
Halloran, Noel, M.B., B.S.	1953	Hanson, Bertram Speakman, M.B., B.S.	1928
Halse, Robert William, B.Tech.	1964	Hanson, Thomas Anthony Speakman, M.B., B.S.	1959
Halsey, Trevor Geoffrey, B.A.	1965	Hansson, Helgi, M.B., B.S.	1964
Halwax, Karoly, M.B., B.S.	1959	*Harbison, Alan Thomas, M.B., B.S.	1924
Hamann, Keith Maurice, B.Sc.	1953	Harbison, John Henry, M.B., B.S.	1949
Hambidge, Margaret Cecile, B.A.	1935	Harbison, Peter Alan, M.B., B.S.	1953
Hambly, Francis Sutherland, B.Ec.	1957	Harbison, William Arthur, B.E.	1938
Hambly, Peter Sutherland, B.A.	1957	Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956)	1959
Hambly, William Frank, M.A. (Melbourne)	1952	Harders, Clarence Waldemar, LL.B.	1944
Hamden, William Callin, M.B., B.S.	1953	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harding, Philip Ernest, B.Med.Sc.	1962
Hames, Muriel Jean, B.A.	1941	M.B., B.S.	1965
Hamilton, David Wyndham, M.B., B.S.	1959	Harding, Phillip Reginald, M.B., B.S.	1966
Hamilton, Frank Alexander, B.E.	1941	Hardy, Alfred Burton, LL.B.	1898
Hamilton, Ian Ayliffe, M.B., B.S.	1924	Hardy (nee Beckwith), Anne Caroline, M.Sc. (B.Sc., 1944)	1947
Hamilton, Ian Michael, M.B., B.S.	1956	Hardy, Evan Lovell, B.E.	1935
Hamilton, Ian Scott, LL.B.	1951	Hardy, John Evans Simpson, M.B., B.S.	1945
Hamilton, Jean Anne, B.Sc.	1947	Hardy, John Howard, B.A.	1955
Hamilton, Margaret Berner, B.Sc.	1952	Hardy, John Scott, LL.B.	1926
Hamilton, Neil Joseph, B.Sc.	1965	Hardy, Mabel Phyllis, B.A.	1914
Hamilton, Reginald Hewgill, M.B., B.S.	1925	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
Hamilton, Susan Kinley, B.A.	1962	Hare, Robert McKay, M.B., B.S.	1962
Hamilton, William Murray, M.B., B.S.	1944	Hargrave, John Charles, M.B., B.S.	1954
Hammer, Lindsay Dawn, B.A.	1966		

* Deceased

Hargrave, Nathaniel Charles, LL.B.	1938
B.A.	1939
Harkness, Robert, B.A.	1907
Harley, David George, B.E.	1953
Harley, James Froomes, M.B., B.S.	1951
Harley, Marjory, B.A.	1925
Harley, Peter Ash, B.E.	1956
Harman, Christopher John, B.Sc.	1965
Harman, Lewis Clive, B.D.S.	1953
Harman, Ray, B.Ec.	1959
Harms, John Eric, M.Sc. (B.Sc., 1951)	1960
Harms, Lois Philippa, M.B., B.S.	1948
Harmstorf, Ian Arnold, B.A.	1961
Harniman, William Ronald, LL.B.	1936
*Harper, Anthony, LL.B.	1926
Harper, Brian John, B.Tech.	1961
Harper, Brian Youl, B.A.	1965
Harper, Judith Mary, M.B., B.S.	1957
Harper, Roger Michael, B.Sc.	1963
Harper, Ronald George, B.A.	1938
B.Ec.	1947
Harrex, Sydney Church, M.A. (Tasmania, 1962)	1966
Harries, John Robathan, B.Sc.	1963
Harries, Peter Richard, B.Ec.	1966
Harries, Robert Ian, B.Ec.	1964
Harrington, Colin, B.A.	1947
Harrington, Enid Gretta, B.A.	1950
Harrington, Joan Margaret, B.Sc.	1945
Harrington, Reginald Frank, B.D.S.	1943
Harrip, Brian John, B.A.	1950
Harris, Allan Cuthbert, B.Sc.	1923
Harris, Beryl Ruth, B.A.	1935
Harris, Bryan Marcus, B.Sc.	1965
Harris, Cecil George, B.A.	1951
Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924)	1959
Harris, Clare Sparkes, LL.B.	1925
Harris, David Hall, M.B., B.S.	1942
Harris, David John, M.B., B.S.	1952
Harris, David William, B.A.	1963
Harris, Deborah Ann, LL.B.	1966
Harris, Digby Ian, M.B., B.S.	1953
Harris, Dominic Richard, B.Tech.	1959
Harris, Donald Dunstan, M.A. (B.A., 1928)	1929
Harris, Donald Ernest, B.Tech.	1960
Harris, Dorothy Mary, B.A.	1919
Harris, Dudley Andrew, B.A.	1938
Harris, Elizabeth Ann, B.A.	1964
Harris, Ellis George, B.Sc.	1966
Harris, Frank Randall, B.Ec.	1955
Harris, Howard Robert, B.E.	1965
Harris, Ian Antrobus, M.B., B.S.	1949
Harris, James Dunbar, M.B., B.S.	1953
Harris, Jack Ronald, M.Sc. (B.Sc., 1943)	1951
Harris, John, M.B., B.S.	1924
Harris, John Alfred, B.Sc.	1962
Harris, John Ernest, B.E.	1949
Harris, John Vivian, B.A.	1966
Harris, Kenneth Robert, B.Sc.	1965
Harris, Lorna Muriel, B.A.	1934
Harris, Michael Charles, LL.B.	1963
Harris, Peter Gordon, B.Ec.	1964
Harris, Robert Oxenberry, B.Ec.	1958
Harris, Roger Lawrence Newton, Ph.D. (B.Sc., 1960)	1964
Harris, Ross Dunstan, B.A.	1966
Harris, Shirley Joyce, B.A.	1938
Harris, Sophie Dora, B.A.	1928
Harris, Wayne Kingsley, B.Sc.	1963
Harris, William Brocas, B.Ag.Sc.	1947
Harris, William Patrick, M.B., B.S.	1933
Harrison, Denis Maxwell, LL.B.	1964
Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959
Harrison, Howard Raymond, B.Sc. B.A.	1948
B.A.	1955
Harrison, Jack, B.Ec.	1959
Harrison, Marie Elizabeth, B.A.	1966
Harrison, Mark, LL.B.	1965
Harrison, Peter Linden, B.E.	1959
Harrison, Tom Scott, B.Tech.	1964
Harrison, Walter, B.A.	1929
Harriss, Henry Thomas, B.A.	1966
Harrold, Colin Morse, M.B., B.S.	1953
Harrop, Clifford John Francis, B.Sc.	1965
Harry, Antony Romilly, LL.B.	1961
B.A.	1965
Harry, Arthur Hartley, B.A.	1901
Harry, Geoffrey Courtenay, LL.B.	1925
Harry, Grant Varley, B.E.	1953
Harry, Irene Pearl, B.A.	1915
Harry, Romilly Carveth, LL.B.	1929
Harry, Timothy Romilly, LL.B.	1966
Hart, Arthur Maxwell, B.A.	1950
Hart, David Henderson, B.Sc.	1942
Hart, Gavin, B.Sc.	1960
Hart, John Austin, B.E.	1961
Hart, Mary Margaret, B.A.	1950
Hartill, Graeme Donald, M.B., B.S.	1955
Hartley, Douglas Glen, B.Tech.	1961
Hartmann, Galia Lynnette, B.A.	1964
Hartshorne, Brian Herbert, M.B., B.S.	1952
Hartshorne, James Bruce, B.Sc.	1963
Hartwig, Ivan David, B.Tech.	1959
Hartwig, Mervyn Carl, B.A.	1961
Hartwig, Robert Eduard, B.Sc.	1962
Harvey, Alison, B.A.	1938
Harvey, Bernice Enid, Mus.Bac.	1928
Harvey, Christine Alice, B.A.	1955
Harvey, Dean Lawrence, B.Sc.	1947
Harvey, Faith Fairbank, Mus.Bac. B.A.	1925
B.A.	1936
Harvey, Frederick George, M.A. (Yale, 1934)	1934
Harvey, John Whittle, B.Ec.	1963
Harvey, Joseph Leonard, B.Tech.	1960
Harvey, Mary Mignon Owen, B.A.	1966
Harvey, Raymond Ilynson, B.E.	1936
Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948
Harvey, Wilbur Henry, B.E.	1955
Harvie, Sydney Haral, B.Sc.	1927
Harwood, Denis Arthur, B.Sc.	1960
Harwood, John William, M.B., B.S.	1953
Harwood, Keith, B.Sc.	1966
Haselgrove, Harold Frederick, M.B., B.S.	1946
Haselgrove, Helene Martha, B.A.	1923
Haselgrove, Janet Storrie, B.Sc.	1950
Haselgrove, Richard Frederick, B.Ag.Sc.	1959
Haselgrove, Wilfred Eric, B.E.	1937
Haseloff, Milton Conrad, B.A.	1956
Hasenohr, David, B.Sc.	1951
Hasenohr, Edward, B.A.	1938
Hasenohr, Geoffrey, M.B., B.S.	1948
Hashim bin Mohammed Salleh, B.E.	1965
Haskard, Donald Leith, B.E.	1962
Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925)	1936
Haskard, Ian Kenneth, B.Tech.	1966
Haskard, John Rex, B.Sc.	1950
Haskard, Malcolm Rosswyn, M.E. (B.E., 1959)	1964
Haslam, Christopher Osborne, B.Sc.	1958
Haslam, Denise Allison, B.Sc.	1953
Haslam, Jonathon Alaneil, B.A.	1964
Haslam, Margaret Martha, M.B., B.S.	1935
Haslow, Peter Patrick, M.B., B.S.	1964
Hassell, Frank Colin, B.E.	1933
Hassell, Kathleen Lilian, M.A. (B.A., 1923)	1927
Haste, Mary Joan, B.A.	1941
Haste, Reginald Arthur, B.Sc. M.B., B.S.	1911
M.B., B.S.	1914
Hastings, Margaret Claire, M.B., B.S.	1958
Hastwell, Colin Brooke, B.E.	1963
Hastwell, Peter John, B.App.Sc.	1966
Hatwell, Neville, B.A.	1966
Hauser, Michael, B.A.	1964
Hauser, Robin, B.Arch.	1963
Hawes, Brian Richard Albert, B.E.	1953
Hawke, Cynthia Joy, B.A.	1957
Hawke, Darryl Roger, B.A.	1966
Hawke, David Richard, B.E.	1965
Hawke, John Burton, M.B., B.S.	1954
Hawke, John Gardner, B.Sc.	1954
Hawke, Vivian Lee, M.B., B.S.	1946
Hawken, Doris Marguerite, B.A.	1917
Hawker, Elizabeth Julie Seymour, B.A.	1942
Hawker, Geoffrey Nelson, B.A.	1964
Hawker, John Seth, Ph.D. (B.Sc., 1956)	1962
Hawkes, Joan Muriel, B.A.	1955
Hawkes, Rose Adeline, B.A.	1923
Hawkins, Frederick James, LL.B., B.A.	1942
Hawkins, Henry Stuart, B.Ag.Sc.	1956
Hawryskiewicz, Igor Titus, M.E. (B.E., 1961)	1965
Hawryskiewicz, Peter, B.Sc.	1965
Hay, Gordon Stuart Baron, M.B., B.S.	1958

* Deceased

Hay, Judith Alison Ruth, M.B., B.S. (Sydney, 1950)	1962	Heitmann, John Smith, M.B., B.S.	1951
Hay, Lorna Marion, B.A. (Melbourne, 1947)	1966	Helme, Patricia Ann, B.Sc.	1964
Hayball, John Frederick, B.Sc.	1958	Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957
Haydon, Anthony Peter, B.A.	1961	Hemingway, Peter Cunliffe, B.Sc.	1949
Haydon, Donald George, B.A.	1961	Henbest, Thomas John, M.B., B.S.	1966
Haydon, Robert James, B.Tech.	1961	Hender, Noel Rex, B.A.	1966
Hayes, Helen Margaret, B.A.	1963	Henderson, Douglas Warrington, M.B., B.S.	1966
Hayes, Horace Townsend, M.B., B.S.	1936	Henderson, Eric Malcolm, B.E.	1932
Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958	Henderson, James Young, B.Ec.	1961
Haynes, James Dalrymple, B.A.	1950	Henderson, Leonard Ross, B.Ec.	1966
Hayter, Robert John, B.Sc.	1963	Henderson, Margaret Anne, B.A.	1966
Hayward, Edward Leo, LL.B.	1925	Henderson, Margaret Evelyn, B.A.	1956
Hayward, John, B.E.	1953	Henderson, Murray Scott, M.Ec. (B.Ec., 1962)	1966
Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936	Henderson, Roland, LL.B.	1926
Hayward, Judith Marie, B.Sc.	1959	Henderson, Ronald George, M.E. (B.E., 1957)	1962
Hayward, Lancelot Alfred, M.B., B.S.	1914	Hendrickson, Douglas Buxton, M.B., B.S.	1941
Hayward, Norman William, B.A.	1960	Hendriksen, Cornelis, M.B., B.S.	1965
Hayward, Thomas Ronald, B.Ec.	1949	Hennessy, Brian Michael, B.Ec.	1965
B.A.	1953	Hennessy, Denis Xystus Roche, B.Sc.	1964
Hayward, Walter Richard, B.A.	1934	Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959
Haywood, Edward Francis, M.B., B.S.	1952	Henning, Graydon Read, B.Ec.	1961
Head, John Graeme, B.Ec.	1954	B.A.	1964
Head, Malcolm Gordon, B.Tech.	1958	Henningsen, Marcus, B.E.	1952
Heading, Christopher, M.B., B.S.	1964	Henschke, Lawrence Ronald, B.E.	1951
Heading, Keith Edward George, B.Sc.	1930	Henschke, Norman Frederick, B.Sc.	1952
B.A.	1938	Hensel, David John, B.E.	1962
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900	Hensel, Gordon Maxwell, B.Sc.	1951
Hearfield, Cynthia Rosalie, LL.B.	1966	Henshaw, Ian Ferguson, B.Sc.	1966
Hearfield, Ian Venters, B.Sc.	1960	Herath, Meewakkala Mudiyansele Jinadasa Willehad, B.Sc.	1955
Healy, Anthony Hodgins, B.D.S.	1952	Herbert, Eileen Audrey, B.A.	1964
Healy, Peter, B.Sc.	1948	Herbert, Gilbert, M.Arch. (Witwatersrand, 1956)	1962
Healy, Vincent Michael, B.Sc.	1939	Herbert, Septimus Giffen Mills, B.Sc.	1949
Heanes, Dennis Lloyd, B.Sc.	1966	Herbst, Kazimierz, B.Tech.	1962
Heard, Kenneth Harold, M.B., B.S.	1936	Hercus, Robert William, B.E.	1959
Heard, Lyall Scott, B.Sc. (Eng.)	1944	Herendi, John, B.A.	1966
Heard, Malcolm Keith, B.Tech.	1960	Heritage, Enid Helena, B.A.	1961
Heard, Terrence George, B.Ag.Sc.	1959	Herman, Eugene, B.A.	1960
Hearn, Anthony Clem, B.Sc.	1958	Hermes, Clarence Lindsay, LL.B.	1951
Hearn, Milton Thomas William, B.Sc.	1965	Heron, Ian Craig, B.Sc.	1962
Heaslip (nee Shorney), Barbara Kate, B.A.	1928	Herriman, Michael Lawrence, B.A.	1966
Heaslip, William Gordon, M.B., B.S.	1929	Herriman, Peter Anthony John, LL.B.	1966
Heath, Carol Ann, B.A.	1964	Herriot, Robert Irvine, B.Ag.Sc.	1932
Heath, George Ross, B.Sc.	1960	Herriot, Ronald Melbourne, B.E.	1952
Heath, Ian Stewart, B.Sc.	1965	Hersel, August Wilhelm, B.A.	1935
Heath, Neil Stewart, Ph.D.	1955	Hersey, Peter, M.B., B.S.	1966
Heath, Ronald Bertram, B.E.	1941	Hervy, Gordon Wayne, B.Sc.	1961
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928)	1928	Herzog, Paul, B.A.	1953
LL.B.	1932	Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered)	1913
Heaton, Herbert, M.A. (Leeds, 1912)	1918	Heseltine, Samuel Richard, LL.B.	1908
Heaton, John Frederick, B.Sc.	1966	Hester, David Albert, B.A. (Cambridge, 1956)	1958
Heaysman, Clive, M.B., B.S.	1958	Hester, Gwynn Thomas John, B.A.	1950
Hebart, Armin William, B.Sc.	1944	Hetherington (nee Loveday), Penelope, B.A.	1951
Hebart, Ernst, B.A.	1966	Hetherington, Robert, B.A.	1951
Hebart, Hans Friedemann, M.A. (B.A., 1961)	1966	Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944)	1949
Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932	Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926
Hebart, Werner Friedrich, B.A.	1934	Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948)	1952
Hecker, Joyce, B.A.	1955	Heuer, Powell Max, B.Sc.	1953
Hecker, Olive May, B.A.	1954	Heuzenroeder, John Mathwin, B.A.	1962
Hecker, Robert, M.D. (M.B., B.S., 1947)	1956	Heuzenroeder, Peter Mathwin, LL.B.	1960
Heddle, Frederic French, M.B., B.S.	1935	Heuzenroeder, Reginald Leo, LL.B.	1923
Heddle, Margaret Ann, B.A.	1966	Hew, Tong Moy, B.Sc.	1964
Heddle, Robert Charles, M.B., B.S.	1942	Hewett, Esther Jean, B.A.	1938
Heddle, Shirley, B.A.	1947	Hewett, Peter Neil, B.Sc.	1956
Hedger, Dorothy Mavis, B.A.	1936	Hewgill, Frank Richmond, Ph.D.	1955
Hedger, Joy West, Ph.D. (B.Sc., 1959)	1965	Hewitson, Douglas Keith, M.B., B.S.	1962
Hefford, Ronald Keith, M.Ec. (B.Ec., 1956)	1962	Hewitson, Gordon Frank, B.A.	1951
Heidenrich, George Bernhard Franz, B.A.	1944	Hewitson, Malcolm Thomas, B.A.	1951
Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949	Hewitt, Cecil Austin, LL.B.	1924
Heinemann, Mary Josephine, B.A.	1948	Hewitt, Clement Barnett, LL.B.	1961
Heinemann, Mervyn Lambert, B.A.	1940	Hewitt, John Vigors, B.Ec.	1966
Heinjus, David Frederick, B.Tech.	1960	Hewton, Anthony Walter, B.Sc.	1957
Heinonen, Pauline Dawn, B.A.	1966	Heyne, Carl William, B.D.S.	1949
Heinrich, Alison May, B.A.	1965	Heyne, Janet Marie, B.A.	1966
Heinrich, Harold Gordon, B.Ec.	1956	Heyne, Ida Marie, B.A.	1916
Heinrich, Jeff Dean, B.Sc.	1949	Heyne, Laura Olga Hedwig, M.A.	1917
Heinrich, Kevin John, B.Sc.	1962	Heyward, Marie Louise, B.A.	1941
Heintze, Leanne Joy, B.A.	1966	Hiatt, Jack Thomas, LL.B.	1947
Heithersay, Geoffrey Sinclair, M.D.S., (B.D.S., 1958)	1966	B.Ec.	1948
Heithersay, Ian Campbell, B.E.	1966	Hibbert, Kevin Malcolm, B.E.	1953
Heithersay, Stuart Dean, B.App.Sc.	1966	Hickey, Kathleen Veronica, B.A.	1945
Heitmann, Dorothea Smith, M.B., B.S.	1949		

* Deceased

Hickinbotham, Alan David, B.Sc.	1949	Hiskey, Garry Francis, LL.B.	1966
Hickman, Raymond John St. Clair, B.Sc.	1966	Hiskey, Juliana Mary, B.A.	1966
Hicks, Barry Leon, M.B., B.S.	1962	Hiskey, Thomas Alan, B.A.	1949
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1926	Hislop, Ian Gordon, M.B., B.S.	1958
M.D. (M.B., Ch.B., N.Z., 1923)	1936	Hitchcox, Alison Rosemary, B.A.	1955
Hicks, Dene Alan, M.B., B.S.	1948	Hitchcox, Alfred Clarke, M.A. (B.A., 1924)	1932
Hicks, Edward Paul, M.B., B.S.	1951	Hitchcox, Joyce Mary, B.A.	1949
Hicks, Francis Gibson, LL.B.	1915	Hiu Hock Leng, B.E.	1958
Hicks, Harry Ernest, B.Tech.	1962	H'ng, Hung Cheng, B.E.	1966
Hicks, John Buchanan, B.Sc.	1960	Ho, Quet Kong, James, M.B., B.S.	1964
Hicks, Michael D'Arcy Stanton, M.B., B.S.	1962	Ho, Shui, B.E.	1955
Hicks, Neil Dennis, M.D. (M.B., B.S., 1948)	1960	Ho, Siew Yin, B.Ec.	1963
Hicks, Peter George, B.Ag.Sc.	1961	Hoar, Barbara Charlotte, B.Sc.	1948
Hicks, Ronald Pettinger, B.Ec.	1960	Hoare, Charles Gilles Lucas, M.B., B.S.	1955
Hicks, Warren Roseveare, B.Sc.	1944	Hoare, Lehonde Lucas, M.B., B.S.	1949
Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956	Hoare, Richard John, B.Ec.	1962
Hiern, Maurice Noel, B.Sc.	1952	Hobbs, Alan Frank, M.B., B.S.	1922
Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949)	1954	Hobbs, Brian Kenneth, M.B., B.S.	1956
Higbed, David John, B.Ec.	1964	Hobbs, Graham Alan, M.B., B.S.	1955
Higginbottom, Edwin Corlett, B.A.	1920	Hobbs, Ian Harold, M.B., B.S.	1948
Higginbottom, Edwin John, B.Ec.	1950	Hobbs, Michael Sydney Talbot, M.B., B.S.	1956
Higgins, Alan Leslie, B.E.	1953	Hobbs, William Harris, M.B., B.S.	1958
Higgins, Alfred James, B.A.	1930	Hobden, Joan Frances, B.Sc.	1952
Higgins, Bruce Ashley, M.B., B.S.	1958	Hocking, Brian Dominic Windsor, B.A.	1960
Higgins, Janine Margaret, B.Ec.	1963	Hocking, Colin Stanley, B.Sc.	1949
Higgins, John William, B.A.	1957	Hocking, Frank Maxwell, B.Sc.	1929
Higgins, Raymond Hugh Edward, B.Ec.	1956	Hocking, Ian Winston, M.B., B.S.	1960
Higgs, Edward Davies, B.Ag.Sc.	1950	Hocking, Kevin, B.E.	1953
Highfield, John Amos Fuller, B.Ec.	1965	Hocking, Peter William, B.A.	1966
Hignett, Peter William, B.Arch.	1964	Hockney, Barry Herbert, B.Sc.	1955
Hilbig, Maxwell John, B.E.	1955	Hodan, Miroslav, M.Ec. (B.Ec., 1953)	1956
Hilbig, Paul Berthold, B.A.	1930	Hodby, Frederic Stephen, LL.B.	1925
Hilbrink, Janna, B.A.	1960	Hodby, Kenneth Wellesley, M.B., B.S.	1936
Hilditch, Ronald Jefferson, B.Tech.	1965	Hodby, Lindley David, M.B., B.S.	1929
Hill, Albert Charles, B.A.	1914	Hodge, Brian Jack, B.A.	1964
Hill, Alma Isobel, B.A.	1948	Hodge, Philip Richard, M.B., B.S.	1952
Hill, Arthur William, D.Sc. (Cambridge, 1918)	1927	Hodge, Robert Ley, M.D. (M.B., B.S., 1956)	1965
Hill, Donald Gordon, B.E.	1959	Hodge, Warren, B.Tech.	1963
Hill, Douglas Henry, M.B., B.S.	1949	Hodge, Warren David Payne, B.A.	1962
Hill, Dudley Clarke, M.B., B.S.	1966	Hodgkin, Stephen Barclay, B.Sc.	1965
Hill, Florence McCoy, B.Sc. (California, 1897)	1927	Hodgkinson, Peter Willis, B.Ec.	1952
Hill, Geoffrey Noel, B.Sc.	1961	Hodgson, Ian Harold, B.D.S.	1950
Hill, Hilda Mary, B.A.	1908	Hodgson, Richard Berkeley, M.B., B.S.	1959
Hill, Ivan William, B.Sc.	1956	Hodson, Allin Charles, B.Sc.	1963
Hill, John, B.Sc.	1922	Hoepner, Robert John, B.E.	1959
Hill, John Albert, B.Sc.	1943	Hoff, Lothar Clemens, M.B., B.S.	1953
Hill, John Distin, B.Sc.	1940	Hoffman, Desmond Charles, M.B., B.S.	1962
Hill, John Manners, M.B., B.S.	1958	Hoffman, Jack, M.B., B.S.	1951
Hill, John Seymour Thew Tregarthen, M.B., B.S.	1941	Hoffman, Mervyn John, M.B., B.S.	1960
Hill, John Thomas, B.Ec.	1966	Hogan, Margaret Mary, B.A.	1950
Hill, Julie, B.A.	1966	Hogan, Philip Cornelius, M.B., B.S.	1928
Hill, Kenneth Arthur, B.Sc. (Eng.)	1950	Hogarth, David Stirling, LL.B.	1931
Hill, Malcolm, B.E.	1951	Hogarth, Rosamond Elizabeth Goldney, B.Sc.	1963
Hill, Malcolm Kingsley, B.Tech.	1963	Hogben, Thomas Arthur, B.A.	1965
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952)	1957	Hogben, Roy, B.Sc.	1950
Hill, Peter, B.Tech.	1962	Hoh, Kam Yung, B.Sc.	1961
Hill, Robert Maxwell, B.Sc.	1963	Hoh, Kiang Hoy, B.E.	1962
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910)	1920	Hole, Douglas Edward, M.B., B.S.	1951
Hill, Wilvene Lesley Evelyne, M.B., B.S.	1965	Hoile, Edward Murray, M.B., B.S.	1953
Hillier, Howard Armstrong, B.E.	1950	Hokin, John Andrew Baird, M.B., B.S.	1960
Hills, Brian Andrew, B.Sc. (M.A., Cambridge, 1959)	1965	Holdaway, Frederick George, M.Sc. (Queensland, 1925)	1926
Hills, Neville Francis, M.B., B.S.	1957	Holdcroft, Brendan John, B.Ec.	1966
Hillwood, Eric Ronald, B.Sc.	1963	Holden, Ethel, B.A.	1931
Hilton, Arthur Robert, B.A.	1909	Holden, Geoffrey Raymond, B.Sc.	1951
Hilton, Frank Morphett, B.Ag.Sc.	1948	Holden, Ralph William, B.Tech.	1958
Hilton, Keith Denyer, LL.B.	1949	Holden, Robert William, B.E.	1950
Hine, Felix-Alfons, B.E.	1957	Holder, Alison Joyce, Mus.Bac.	1941
Hineckfuss, Ian Charles, B.A.	1964	Holder, Ethel Roby, M.A.	1901
Hinde, James Tempest, B.Sc.	1941	Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered)	1913
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949)	1952	Holder, Sophia Ellen, B.A.	1906
Hine, Florence Pauline, B.A.	1947	Holdich, John Rodger, B.A.	1960
Hines, Judith Helen, B.A.	1964	Holding, Barry John, B.Ec.	1959
Hipper, John Douglas, B.Arch. (Melbourne, 1950)	1962	Holding, Leigh James, B.Sc.	1966
Hirsch, Ernest Hermann, M.Sc.	1965	Holding, Sheilah Dolby, B.A.	1943
Hirst, John Bradley, B.A.	1963	Holdsworth, Eric Spencer, Ph.D. (Leeds, 1950)	1959
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941)	1950	Holdsworth, Leslie McLeod, B.A.	1934
Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950)	1952	Holdsworth, William James, LL.B.	1961
Hiscock, Kenneth George, B.D.S.	1952	Hole, Godfrey William Reynolds, B.E.	1960
Hiscock, Stephen West, B.Sc.	1949	Hollamby, Gilbert John, B.Ag.Sc.	1961
Hisgrove, Gladys, B.A.	1936	Holland, Anthony John Corin, M.B., B.S.	1963
		Holland, Charlotte Annie, B.A.	1916
		Holland, Gregory Dominic, M.B., B.S.	1960
		Holland, James Williams, B.D.S.	1932

* Deceased

Holland, Joan, B.A.	1944	Horvath, Laszlo, B.E.	1960
Holland, Laurence Corin, M.B., B.S.	1935	Horwood, David William, B.Ag.Sc.	1963
Hollands, Judith Helen, B.Sc.	1956	Horwood, Jennifer Mary, B.Sc.	1964
Holley, Maurice Frederick, B.Sc.	1959	Hosking, Alexa Anne, B.Sc.	1959
Holliday, Norman Grant, B.E.	1952	Hosking, Anthony John, B.Sc.	1962
Hollidge, Alfreda Faith, B.A.	1922	Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Hollidge, David Henry, M.A.	1889	Hosking, Douglas William, B.A.	1960
Hollidge, Geoffrey David, LL.B.	1926	Hosking, Herbert Champion, M.B., B.S.	1923
Hollinsworth, Jeanette, B.A.	1966	Hosking, Lochee Maud, B.A.	1931
Hollis, William Frederick, B.D.S.	1955	Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Holloway, Beth, B.Sc.	1958	Hosking, Peter Kay, B.E.	1948
Holloway, Irene Isabel, B.A.	1964	Hosking, Roger John, B.Sc.	1961
Holman, Lawson James, M.B., B.S.	1954	Hosking, William Rex, B.A.	1958
Holmes, Angus Spooner, B.A.	1955	Hossfeld, Paul Samuel, Ph.D. (B.Sc., 1924; M.Sc., 1926)	1953
Holmes, Bruce Arthur, B.A.	1965	Hotten, Douglas Ernst, B.Sc.	1956
Holmes, Edwin Thomas, B.A.	1963	Hounslow, Kenneth, B.A. (Melbourne, 1950)	1966
Holmes, Henry Bertram, M.B., B.S.	1940	Hourigan, Lloyd David, B.Ec.	1950
Holmes, John Winspore, M.Sc.	1955	Houssiadis, Lambros, Ph.D. (Leeds, 1958)	1961
Holmes, Patricia Langley, B.A.	1958	Houston, Terry Francis, B.Sc.	1965
Holmes, Reginald Murray, M.B., B.S.	1949	Howard, Arthur Ewing, B.A.	1912
Holoyda, Alexander, M.B., B.S.	1965	Howard, Bruce Victor, B.E.	1962
Holst, Richard John, B.Sc.	1965	Howard, Colin, Ph.D. (LL.M., London, 1956)	1963
Holt, Betsy Stamford, B.A.	1962	Howard, Donald William Digby, B.Ec.	1949
Holtham, Richard, B.A. (Queensland, 1916)	1920	Howard, Ephrem, B.A.	1937
Holthouse, John Lawrence, B.A.	1966	Howard, Geoffrey William, B.Sc.	1965
Holton, Jack Arthur, B.E.	1952	Howard, Jacqueline, B.A.	1966
Holywell, Keith Harold, M.Sc.	1959	Howard, Juliet Hardman, M.B., B.S.	1951
Homburg, John, LL.B.	1908	Howard, Leo, M.A. (B.A., 1937)	1943
Hone, Alfred Andrew, B.Sc.	1924	Howard, Leslie Frank, B.A.	1966
Hone, Brian William, B.A.	1928	Howard, Neville John, M.B., B.S.	1963
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	1938	Howard, Patience Constance Joan, B.Ec.	1959
Hone, Frank Alexander, B.E.	1959	Howard, Peter Felix, B.Sc.	1950
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	1923	Howard, Rex Trowbridge, B.Sc.	1950
Hone, Garton Maxwell, M.B., B.S.	1924	Howard, Ronald Walter, B.E.	1951
Hone, Michael Raymond, B.Sc.	1950	Howard, Yvonne Mary, B.A.	1945
Hone, M.B., B.S.	1954	Howarth, William Heron, M.B., B.S. (M.B., B.Ch. Witwatersrand, 1951)	1963
Hone, Winifred Ruth Selwyn, B.A.	1934	Howe, George William Osborn, D.Sc. (Durham, 1914)	1914
Honey, Anne Elizabeth, B.A.	1961	Howe-Piening, Robert, B.E.	1961
Honnor, Wilfred Weston, B.Sc.	1931	Howell, Frederick Glenroy Graham, B.Sc.	1949
M.E. (B.E., 1935)	1945	Howell, Murray Wentworth, B.E.	1935
Hood, Donald James, B.Sc.	1963	Howes, David William, M.Sc. (B.Sc., 1949)	1955
Hood, Margaret Daphne, B.A.	1959	Howie, Mary Hotham, B.A.	1943
Hood, Morris Samuel James, B.A.	1961	Howland, Donald John, B.A.	1948
Hood, Vivian George, B.D.S.	1950	Howlett, Diana Rosemary, B.A.	1956
Hooker, Robert John, B.E.	1951	Howlett (nee Hughes), Nellie Ruth, B.A.	1941
Hooper, Andrew Wesley, B.Sc.	1963	Howlett, Philip George, B.Sc.	1964
Hooper, Frederick Harvey, B.Ag.Sc.	1936	Howlett, Philip Thomas Michael, M.A. (B.A., 1940)	1947
Hooper, Jane Barker, B.A.	1941	B.Ec.	1953
Hooper, John Robert, B.A.	1959	Howlett, Terence Ralph, B.Sc.	1966
Hooper, Juan Frederick, B.Sc.	1963	Howse, Robert Vincent, B.Tech.	1963
Hooper, Judith Claire, B.Sc.	1961	Hronsky, Eugenia, M.B., B.S.	1955
Hooper, Peter Laurence, B.Sc.	1934	Hsieh, Kwang Hwa, B.E.	1961
Hooper, Rex Truran, M.E. (B.E., 1938)	1949	Huang, Su-Eng, Ph.D. (B.Sc., 1958)	1962
Hooper, Robert Ivan, B.Ec.	1965	Huang, Yuan-Tung, Anthony, M.B., B.S.	1959
Hoopman, Friedrich Wilhelm, M.B., B.S.	1922	Hubbard, Jack Raymond, B.Ec.	1966
Hoopmann, Eric Paul, M.B., B.S.	1949	Hubbard, Margaret Eileen, M.A. (B.A., 1945)	1949
Hoopmann, John Richard, B.Sc.	1965	Hubbe, Edith Ulrica, B.A.	1908
Hoopmann, Peter William, M.B., B.S.	1959	M.B., B.S.	1922
Hopcroft, Stanley Cecil, B.Med.Sc.	1961	Hubble, George Dixon, B.Ag.Sc.	1934
M.B., B.S.	1962	Huckson, Ernest John, B.E.	1952
Hope, Alexander Beaumont, Ph.D. (Tas- mania, 1953)	1966	Huddleston, Leslie Basil, B.Sc. (Eng.)	1942
Hope, Rory Moulden, B.Sc.	1963	Huddleston, Stanley Ernest, B.Sc. B.E.	1934
Hopgood, Melvyn Frederick, M.Sc. (B.Sc., 1962)	1966	Hudson, Dean Franklin, B.A.	1958
Hopkins, Brian McDonald, B.Sc.	1950	Hudson, Geoffrey Marshall, B.Ec.	1957
Hopkins, John McEwan, B.Tech.	1958	Hudson, Hugh Richard, B.Ec. (Sydney, 1953)	1960
Hopper, Brian William, B.Sc.	1947	Hudson, John Winston, M.B., B.S.	1965
Hopton, Oliver Barrie, B.Tech.	1962	Hughes, David John, B.Ec.	1966
Hopton, Peter Phillip Adrian, B.A.	1947	Hughes, Felicity Ann, B.A. (Manchester, 1960)	1966
Horan (nee Cleland), Margaret Burton, M.B., B.S.	1932	Hughes, Francis Henry, B.Tech.	1960
Horgan, Lillian Veronica, B.A.	1963	Hughes, Harold Timothy, B.Ag.Sc.	1941
Horman, William Dinwoodie Ackland, M.B., B.S.	1941	Hughes, James Estcourt, M.S. (M.B., B.S., 1926)	1937
Hornabrook, Reginald Denys, M.B., B.S.	1925	Hughes, John Burnell, M.B., B.S.	1952
Horne, Colin James, M.A. (Oxford, 1941)	1958	Hughes, Leslie Donald, B.E.	1949
Horne, David James de Lancy, B.A.	1964	Hughes, Patricia Cliddon, B.Sc.	1952
Horner, Frances Jane, B.A.	1960	Hughes, Robert Douglas, B.D.S.	1938
Horsell, Marilyn Dorothy, B.Sc.	1964	Hughes, Robert George, B.Sc. (Eng.)	1942
Horsfield, Helen Fay, M.B., B.S.	1959		
Horton, Maxwell Ferris, LL.B.	1965		
Horton, Robert Ralph, M.B., B.S.	1953		
Horvat, Leon, B.A.	1955		
Horvat, Victor, M.B., B.S.	1955		

• Deceased

Hughes, Rosalind Selwyn, B.A.	- - - -	1964
Hughes, Samuel Edward, M.A. (Manchester, 1962)	- - - -	1963
Hui, Weng Choon, M.B., B.S.	- - - -	1957
Hull, Ivan Kennett, B.Ec.	- - - -	1962
Hull, Ronald Robert, B.Sc.	- - - -	1966
Hum, Hoe Pheng, B.Sc.	- - - -	1966
Human, James Peter Egerton, M.Sc. (B.Sc., 1946)	- - - -	1948
Humble, Dudley Samuel, M.B., B.S.	- - - -	1959
Humble, Peter Alan, M.B., B.S.	- - - -	1962
Hume, Beryl May, B.A.	- - - -	1959
Hume, Neal Jeremy, LL.B.	- - - -	1964
Humphrey, Edwin Vincent, B.Tech.	- - - -	1960
Humphries, Ralph, B.A.	- - - -	1961
Humphris, Elisabeth Amy, B.A.	- - - -	1952
Humphris, Francis Henry, B.E.	- - - -	1924
Humphris, Francis Ross, B.Ag.Sc.	- - - -	1944
Humphry, Alfred Henry, M.B., B.S.	- - - -	1937
Hundertmark, Bruce, B.E.	- - - -	1959
Hung, Yan Po, Erminia, B.D.S.	- - - -	1962
*Hunkin, Leonard Dale, LL.B.	- - - -	1935
Hunkin, Milton Phillip, B.A.	- - - -	1954
Hunt, Arnold Dudley, B.A.	- - - -	1942
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	- - - -	1957
Hunt, Barrie George, M.Sc.	- - - -	1966
Hunt, Max Aubrey, B.E.	- - - -	1931
Hunt, Robert Graham, B.Tech.	- - - -	1965
Hunter, Betty Vera, B.Sc.	- - - -	1947
Hunter, Brian Oswald, LL.B.	- - - -	1932
Hunter, Doris, B.A.	- - - -	1924
Hunter, Geoffrey Alan, M.B., B.S.	- - - -	1942
Hunter, Ronald, M.B., B.S.	- - - -	1944
Hunter, Thomas Bowden, M.B., B.S.	- - - -	1944
Hunwick, Andrew William Robert, B.A.	- - - -	1966
*Hunwick, Arthur Philip, B.E.	- - - -	1929
Hunwick, Donald John, B.Sc.	- - - -	1966
Hunwick, Leonard William, LL.B.	- - - -	1936
Huppertz, John Lawrence, Ph.D. (B.Sc., 1960)	- - - -	1964
Hurley, Leonard Joseph Bernard, B.A.	- - - -	1914
Hurley, Pamela Joy, B.Sc.	- - - -	1965
Hurn, Pamela Junette, B.A.	- - - -	1961
Hurren, Pauline Mary, B.E.	- - - -	1959
Hurst, Charles Angas, Ph.D. (Cambridge, 1952)	- - - -	1959
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	- - - -	1941
Hurst, Harvey Herbert, M.B., B.S.	- - - -	1929
Hurst, Peter Edwin, M.B., B.S.	- - - -	1953
Hurst, Walter William, B.Sc.	- - - -	1916
Hussey, Brian Leitch, B.D.S.	- - - -	1951
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	- - - -	1945
Hutchens, Colin Raymond, B.Sc.	- - - -	1965
Hutchens, Desmond Fenton, B.Ec.	- - - -	1961
Hutcheson, Carole Jean, M.Sc.	- - - -	1963
Hutcheson, George Ian Dewart, B.E.	- - - -	1917
Hutchesson, Gordon Bramwell, LL.B.	- - - -	1930
Hutchesson, Kevin Donald, B.Tech.	- - - -	1965
Hutchins, John Noel, M.B., B.S.	- - - -	1960
Hutchinson, Clive Reginald, B.A.	- - - -	1948
Hutchinson, Colin Frederick, B.Sc.	- - - -	1950
Hutchinson, Grahame Denver, B.Tech.	- - - -	1966
Hutchinson, John Warwick Lykke, B.E.	- - - -	1965
Hutchinson, William Allan, M.B., B.S.	- - - -	1963
Hutton, Nicholas James, B.Sc.	- - - -	1964
Hutton, Alan Victor, B.A.	- - - -	1961
Hutton, Deane Winston, B.Sc.	- - - -	1963
Hutton, Edward Mark, D.Sc. (B.Ag.Sc., 1933; M.Sc., 1940)	- - - -	1951
Hutton, John Thomas, B.Sc.	- - - -	1938
Hutton, Malcolm Austin, B.A.	- - - -	1963
Hutton, Tom Allan, LL.B.	- - - -	1940
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	- - - -	1950
Hyde, Alan Graham, B.Ec.	- - - -	1951
Hyde, Geoffrey O'Halloran, M.B., B.S.	- - - -	1961
Hyde, Hartley John, B.Sc.	- - - -	1966
Hyde, James O'Halloran, M.B., B.S.	- - - -	1954
Hyde, Miriam Beatrice, Mus.Bac.	- - - -	1931
Hynes, Michael John, B.Ag.Sc.	- - - -	1966
Hynes, Patrick D'Arcy, B.A.	- - - -	1963
Hyslop, Alexander, B.A.	- - - -	1960
Hyson, Peter, B.Sc.	- - - -	1960

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Ibbotson, Richard Neville, M.D. (M.B., B.S., 1961 (London, 1951))	- - - -	1962
Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	- - - -	1948
*Ide, Frank Boyle, B.E.	- - - -	1928
Ielasi, Anthony, B.D.S.	- - - -	1966
Iley, James Dixon, B.App.Sc.	- - - -	1966
Ilic, Sofija Marija, B.A.	- - - -	1966
Illife, Michael Isaac Glover, B.Sc.	- - - -	1934
Illing, Robert Henry, Ph.D. (Nottingham, 1962)	- - - -	1966
Im, Lai Hung, M.B., B.S.	- - - -	1964
*Ingamells, Dora, B.A.	- - - -	1909
*Ingamells, Eric Marfleet, B.A.	- - - -	1908
Ingleby, Aileen Constance, LL.B.	- - - -	1921
INGLETON, Christine, B.A.	- - - -	1963
INGLETON, Peter Raymond, B.E.	- - - -	1964
Inglis, Cecil Frederick, B.E.	- - - -	1958
Inglis, Geoffrey Russell, B.E.	- - - -	1961
Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	- - - -	1957
Inglis, Norman John, B.Sc.	- - - -	1961
Ingram, Arthur Donald, B.Sc.	- - - -	1957
Inman, Ross Banks, Ph.D. (B.Sc., 1956)	- - - -	1960
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	- - - -	1940
Ireland, Graham Malcolm, M.B., B.S.	- - - -	1953
Ireland, Norman Arthur, M.A. (B.A., 1913)	- - - -	1932
Irving, Beatrice May, M.B., B.S.	- - - -	1941
Irving, Denys Benson, B.Sc.	- - - -	1950
Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949)	- - - -	1954
Irving, Henry Edward, LL.B.	- - - -	1933
Irving, Iris Mary, B.A.	- - - -	1950
Irving, Roger John, M.Sc. (B.Sc., 1945)	- - - -	1948
Irwin, Bernard John, B.Ec.	- - - -	1957
Irwin, Edith French, B.Sc.	- - - -	1939
Irwin, Graham Wilkie, B.A.	- - - -	1947
Irwin, Helene Margaret, B.A.	- - - -	1966
Irwin, John Francis, B.D.S.	- - - -	1951
Irwin, John Gordon, B.Tech.	- - - -	1966
Irwin, Robert Newenham, LL.B.	- - - -	1929
Irwin, William Morris, M.B., B.S.	- - - -	1938
Isaac, Alfred Frank, B.Sc.	- - - -	1959
Isaachsen, Margaret Lynette, B.Sc.	- - - -	1961
Isaachsen, Oscar Alan, B.E.	- - - -	1965
Isaachsen, Oscar Cedric, LL.B.	- - - -	1932
Isaachsen, Robert John, B.E.	- - - -	1966
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	- - - -	1937
Iskander, Sastrawidjaja, B.Tech.	- - - -	1964
Iskanto, Raden, B.E.	- - - -	1962
Isles, Keith Sydney, C.M.G., M.A. (Cambridge, 1933)	- - - -	1941
Ismar, Sjamsir, B.E.	- - - -	1963
Isom, Constance Ruth, B.A.	- - - -	1934
Iverson, Geoffrey John, B.Sc.	- - - -	1964
Iwanicki, Walter Rudolph, B.Tech.	- - - -	1962

J

Jack, Fannie Augusta, B.A. (Sydney, 1899)	- - - -	1913
Jack, Malcolm Alexander, M.A. (Oxford, 1958)	- - - -	1959
Jack, Robert Lockhart, B.E. (Sydney, 1899)	- - - -	1913
D.Sc.	- - - -	1930
Jack, William Logan, M.B., B.S.	- - - -	1929
Jacka, Roger Malcolm, M.B., B.S.	- - - -	1965
Jackman, Frank Downer, B.E.	- - - -	1924
Jackman, Lloyd Miles, Ph.D. (B.Sc., 1945; M.Sc., 1949)	- - - -	1952
Jackman, Margaret Elva, B.Sc.	- - - -	1954
Jackson, Arthur Marchant, B.A.	- - - -	1943
Jackson, David Ian, Ph.D.	- - - -	1966
Jackson, Edward Arthur, B.Ag.Sc.	- - - -	1951
Jackson, Graham Douglas Fischer, Ph.D. (B.Sc., 1959)	- - - -	1964
Jackson, John Frederick, B.Sc.	- - - -	1945
M.B., B.S.	- - - -	1951
Jackson, John Flexmore, Ph.D. (M.Sc., 1960)	- - - -	1963
Jackson, Linley Anne, B.A.	- - - -	1966
Jackson, Mervyn Benjamin, B.Sc.	- - - -	1965
Jackson, Norton, B.E.	- - - -	1941
Jacob, Charles Ernest Frederick, B.E.	- - - -	1934
Jacobs, Alan Brian, B.Ec.	- - - -	1949
Jacobs, Donald Arthur, M.B., B.S.	- - - -	1954

* Deceased

Jacobs, Doreen Miriam, Mus.Bac.	1941	Jelly, Michael Thomas James, M.B., B.S.	1963
Jacobs, Maxwell Ralph, M.Sc. (B.Sc., 1925)	1936	Jemison, Robert William, B.Sc.	1964
Jacobs, Penelope-Anne, M.B., B.S.	1965	Jenke, Dudley Conrad, B.Sc.	1950
Jacobs, Samuel Joshua, LL.B.	1948	Jenkin, Alfred John Roseland, B.A.	1932
Jacobsen, John Viggo, B.Ag.Sc.	1959	Jenkin, Beth Lenore, B.A.	1940
Jacquier, Maxwell Leslie, B.Sc.	1959	Jenkin, John Grenfell, B.Sc.	1960
Jaffrey, Andrew Maxwell, B.Sc.	1956	Jenkin, Mabel Gertrude, B.A.	1928
Jaffrey, John Maxwell, LL.B.	1956	Jenkin, Philip Ross, B.Ec.	1960
Jagermann, Karl, M.B., B.S.	1961	Jenkin, Robert Haydon, B.A.	1962
Jago, John Geoffrey, LL.B.	1955	Jenkins, Graham Keith, B.Sc.	1966
Jakob, Miklos Laszlo, B.Sc.	1962	Jenkins, Heather Gordon, B.Sc.	1950
Jakobsen, Hugo, B.A.	1954	Jenkins, Rex Desmond, B.A.	1941
James, Alan Treleven, M.Sc. (B.Sc., 1943)	1949	Jenkins, Richard John Frank, B.Sc.	1966
James, Bertha Gwendoline, B.A.	1934	Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922
James, Brenton Edward, B.Sc.	1964	Jenner, Anthony Martin, B.E.	1952
James, Brian Clifford, B.Sc.	1966	Jenner, Monica Marie, B.A.	1959
James, Brian Harold, M.Sc. (B.Sc., 1961)	1966	Jennings, Allen Charles, M.Sc.	1963
James, Brian Norman, B.E.	1958	Jennings, Bruce Arthur, B.E.	1950
James, Christopher Richard Chapman, LL.B.	1966	Jennings, Colin Bruce, B.Sc.	1962
James, Clarence Keith, B.E.	1932	Jennings, Robert Edward, B.Sc.	1952
James, Clive Morgan, M.B., B.S.	1964	Jennison, Raymond Barraclough, B.E.	1950
James, Colin Thomas, M.B., B.S.	1942	Jens, John Matthias Joseph, M.B., B.S.	1934
James, Graham Murray, B.Ec.	1966	Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
James, Helen Margaret, B.A.	1941	Jensen, Peter Rolf, B.Arch.	1963
James, Henry John, B.Ec.	1963	Jensen, Richard Ian Broughton, B.A.	1951
James, Paul Reuben, M.B., B.S.	1943	Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1957
James, Richard Cecil, B.A.	1954	Jensen, Tom Broughton, B.E.	1938
James, Robert Jeffrey, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Jephcott, Bruce Reginald, B.Sc.	1950
James, Robert William, B.Tech.	1959	Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941)	1959
James, Trevor Ronald, B.Ec.	1966	Jericho, Arnold Mervyn, B.E.	1938
James, Walter Bruce, B.Tech.	1963	Jericho, Lois Joy, B.A.	1961
James, Wesley Hughes, B.Sc.	1919	Jessup, Allan Aubrey, M.B., B.S.	1952
M.E. (B.E., 1921)	1932	Jessup, George Aubrey, LL.B.	1963
James, William Rex, M.B., B.S.	1928	Jessup, Leonard Clive, M.B., B.S.	1952
Jamieson, Glen McRae, B.Tech.	1964	Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1948
Jamieson, Glyn Garfield, M.B., B.S.	1966	Jew, Ronald William, LL.B.	1937
Janardhan, Narienkadu Mohanarunga, B.E.	1954	Jewell-Thomas, Stephen Rutter Culross, B.E.	1954
Janes, Boris Sebire, M.Sc.	1948	Johinke, Albert Keith, B.E.	1952
Jankauskas, Algis, M.B., B.S.	1959	John, Glen Owen, B.E.	1951
Jankevics, Arvids, B.Sc.	1963	John, Ian David, B.A.	1961
Jankovskis, Harry Bronislavs, B.Tech.	1962	John, Lloyd Vincent, B.A.	1954
Jansen, Adrian Michael, B.Sc.	1966	Johncock, Leonard Percy, B.A.	1926
Jansen, Geoffry Clive, B.E.	1962	Johns, Bennett Gilbert Langman, B.Sc.	1937
Jansen, George Robert, B.E.	1965	Johns, Darby Richard, B.Ec.	1958
Jansen, Malcolm Lindsay, B.E.	1964	Johns, Malcolm Grant, B.Sc.	1960
Jansen, Marcus Gordon, M.B., B.S.	1943	Johns, Robert Edwin, B.E.	1960
Jansen, Peter Edgar, B.Arch.	1962	Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960
Janzow, Eric Herbert Martin, B.A.	1940	Johns, Rodger Norman, B.E.	1960
Jaques, Winnifred Ruth Christine, B.A.	1964	Johns, Rowland Walden, B.E.	1951
Jarman, David John, B.A.	1965	Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955
Jarrett, Frank George, Ph.D. (Iowa)	1955	Johnson, Anthony John Bruce, B.A.	1965
Jarrett, Ivan Gentry, D.Sc. (B.Sc., 1939, M.Sc., 1947)	1965	Johnson, Bruce, Ph.D. (London, 1955)	1956
Jarvis, Deane Graham, LL.B.	1963	Johnson, Bruce Beresford, B.Sc.	1966
Jarvis, Ronald Harris, M.B., B.S.	1948	Johnson, Christopher Malcolm, B.E.	1952
Jaskewycz, Taras, B.Sc.	1956	Johnson, Darlene Fraser, B.A.	1957
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922	Johnson, Dorothy Mavis, B.A.	1931
Jaunkalvis, Peteris Hermanis, B.Ec.	1961	Johnson, Edwin Ralph, B.A.	1931
Jaunzems, Andris, M.B., B.S.	1965	Johnson, Eleanor Elizabeth, B.Sc.	1957
Jaworski, Stefan, B.Sc.	1965	Johnson, Francis Henry, M.A. (Oxford, 1946)	1952
Jay, Hubert Melville, M.B., B.S.	1908	Johnson, Francis James, B.E.	1952
Jay, Linley Elva, B.A.	1966	Johnson, Helen Hayward, B.A.	1965
Jay, Peter Gerald, M.B., B.S.	1941	Johnson, Jeffery William Harwood, LL.B.	1951
Jeanes, Brian Hamilton, M.B., B.S.	1953	Johnson, Keith Douglas, B.Sc.	1950
Jeanes, John Colin, B.E.	1954	Johnson, Margaret Isabel, B.A.	1952
Jedrzeiczak, Wacław Jan, B.Tech.	1962	Johnson, Michael, B.Ec.	1963
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1956	Johnson, Neil Camac, B.Tech.	1963
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1960	Johnson, Nicholas, B.Med.Sc.	1962
Jeffares, Alexander Norman, M.A. (Oxford)	1952	M.B., B.S.	1965
Jefferies, Brian Crossley, B.Ag.Sc.	1953	Johnson, Peter Ralph, B.Sc.	1941
Jefferies, Arthur Tarlton, B.Sc.	1908	Johnson, Robert Douglas, B.E.	1955
Jeffery, William George, B.Sc.	1962	Johnson, Robert Vincent, Ph.D. (Manchester, 1952)	1959
Jefferson, Carl Patrick, B.E. (Sydney, 1957)	1965	Johnson, Ronald Lisle, LL.B.	1937
Jefferson, Ian Scott, LL.B.	1962	Johnson, Ross Gordon, M.B., B.S.	1958
Jeffrey, Peter Dalrymple, Ph.D. (B.Sc., 1960)	1965	Johnson, William Courtenay Saunders, B.A.	1934
Jeffries, Elizabeth Shirley, B.A.	1957	Johnson, William Herbert, B.A.	1911
Jeffries, John Singleton, M.B., B.S.	1942	Johnsson, William George, B.Tech.	1962
Jeffries, Lewis Wibmer, M.B., B.S.	1907	Johnston, Elizabeth, LL.B.	1948
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953	Johnston, Elliott Frank, LL.B.	1940
Jeffries, Sir Shirley Williams, LL.B.	1909	Johnston, Lance Galbraith, B.E.	1925
Jellett, Leon Barry, M.B., B.S.	1960	Johnston, Ross George, B.D.S.	1936
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951	Johnston, Margaret Catherine, M.B., B.S.	1961
		Johnstone, David Ian, B.E.	1965

* Deceased

Johnstone, William Watson, M.E. (B.E., 1937)	1947
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.	1958
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
Jona, B.A.	1937
Jona, Judah Leon, D.Sc.	1910
Jona, M.B., B.S. (Melbourne, 1911)	1917
Jona, M.S.	1919
Jonas, Oswald, M.B., B.S.	1959
Jones, Alan Stuart, B.Sc.	1960
* Jones, Alan Thomas Britten, M.B., B.S.	1921
Jones, Albert Walter, B.Sc.	1932
Jones, M.A. (B.A., 1937)	1944
Jones, Beverley Lillian, B.A.	1959
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949
Jones, B.E.	1958
Jones, Conway Jeffrey, B.Sc. (Eng.)	1945
Jones, David Garred, B.Sc.	1964
Jones, David Lewis, M.B., B.S. B.Sc.	1950
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.E.C. (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, Malcolm Everett, B.Sc.	1966
Jones, Margaret Britten, B.A.	1947
Jones, Marie Katherine, B.A.	1961
Jones, Marilyn Rosemary, B.Sc.	1966
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
Jordan, Denis Oswald, D.Sc. (London, 1953)	1955
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, Hapurachchige Don Austin Carlo, B.Sc.	1956
Joseph, Kanianthra Thomas, M.Ag.Sc.	1958
Joshi, Jagan Nath, 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
* 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. B.Ec.	1934
1938	
Jude, Gertrude Josephine, B.Sc.	1901
Judell, Maurice Wolf, 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

K

Kaosa, Prachuap, 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
Kalmins, 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
Kandasamy, Kanapathy, M.Sc.	1955
Kandiah, Kumarasivam, B.E.	1958
Kane, Leo William, B.A.	1962
Kaneff, Stephen Dimov, Ph.D. (B.E., 1949)	1956
Kannis, Peter, B.A.	1966
Kansil, Nico, B.App.Sc.	1962
Kanwar, Jaswant Singh, Ph.D.	1954
Kappelle, Karel, B.Sc.	1961
Knappler, Laurel Valma Joy, B.A.	1950
Karay, Stephen Coloman Cornelius, M.B., B.S.	1965
Karim, Abdul, Ph.D. (M.Sc., Dacca)	1951
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951
Karolyi, George, B.E.	1960
Karran, Peter Douglas, B.Sc.	1964
Karthigasu, Kula Thungam, Ph.D. (B.Sc., 1960)	1965
Kartomi, Hidris, B.Tech.	1963
Kartomi, Margaret Joy, B.A. Mus.Bac.	1963
1964	
Kaspiew, Radzen, B.A.	1958
Katakasi, Igor, B.Sc.	1962
Katekar, Gerard Frederick, Ph.D. (B.Sc., 1958)	1962
Katekar, Henry John, LL.B.	1937
Kaufman, John Lewis, B.D.S.	1956
Kaupmees, Lennart, M.B., B.S.	1956
Kauschke, Kevin Francis, B.Tech.	1960
Kavanagh, Bernard Francis, B.E.	1964
Kavass, Igor Ivar, LL.B. (Melbourne, 1956)	1959
Kay, Alexander Theodore, B.E.	1924
Kay, Cecil Bernhard, B.Sc.	1935
Kay, Joyce Gertrude, B.Ec.	1965
Kay, Malcolm John, B.Sc.	1957
Kay, Mout John Richard, M.A. (Oxford, 1907)	1926
Kay, Robert Pringle, B.E.	1926
Kay, Rosemary, M.B., B.S.	1961
Kay, Sylvius Clarence, B.Sc.	1939
Kazanski, Boris, B.Arch.	1964
Keain, Arthur Patrick, B.A.	1958
Keally, Frank Shenstone, B.A.	1951
Keam, Graham Vincent, B.Tech.	1966
Kean, Eileen Margaret, M.A. (B.A., 1927)	1930
Keane, Mary Veronica, B.A.	1961
Keany, John William, B.Ec.	1949

* Deceased

Kearnan, Joseph Reginald, LL.B.	1925	Kentish, Timothy David, B.Ag.Sc.	1949
Kearney, Bernard James, B.A.	1949	Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945
Kearney, Geraldine Helen Elizabeth, M.B., B.S.	1961	Kerin, John Francis, B.A.	1949
Kearney (nee Dorsch), Ida Margarete, B.A.	1926	Kerin, Kevin Vincent, LL.B.	1952
Kearney, Josephine Agnes, B.A.	1952	Kerin, Mary Bridget, B.A.	1960
Kearney, Margaret Patricia, M.B., B.S.	1955	Kernode, Merrowyn May, B.A.	1962
Keats, Arthur Lange, B.E.	1937	Kernick, Colin Geoffrey, M.B., B.S.	1963
Keats, John Augustus, B.Sc.	1944	Kerr, Allen, Ph.D.	1956
Keats, Reynold Gilbert, Ph.D. (B.Sc., 1948)	1966	Kerr, Colin Gregory, M.A. (B.A., 1934)	1937
Keda, Inga, B.D.S.	1961	Kerr, David Ian Bevis, Ph.D. (B.Sc., 1947)	1954
Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958	Kerr, John Elder, M.B., B.S.	1963
Keen, Ross Maxwell, B.E.	1954	Kerr, Sydney Challen, M.B., B.S.	1942
Keeves, Andrew, B.Sc.	1951	Kerrisk, John Michael, B.Sc.	1965
Keeves, John Philip, B.Sc.	1945	Kerrison, John James, M.B., B.S.	1963
Keeves, Margaret, B.A.	1944	Kerry, David George, B.Tech.	1966
Keightley, David Douglas, B.Sc.	1966	Kerry, Jack Chris, M.B., B.S.	1960
Keipert, Leslie James, M.B., B.S.	1918	Kershaw, Allan James, B.E.	1965
Kelley, William Brian, B.A.	1951	Kerslake, William James, B.A.	1942
Kelly, Birute Magdalena, M.B., B.S.	1966	Kersten, Lee Irving, B.A.	1959
Kelly, Bryan Llewellyn, B.E.	1961	Kessell, Abraham, M.B., B.S.	1955
Kelly, Cecil James St. Leger, LL.B.	1924	Kessell, John Samuel, M.B., B.S.	1923
Kelly, David St. Leger, LL.B.	1961	Kessell, Maurice, M.B., B.S.	1950
Kelly, Dominic Michael, B.A.	1966	Kessell, Stephen Lackey, M.Sc. (B.Sc., 1917)	1927
Kelly, Ellen, B.A.	1928	Kesting, Louis John, B.A.	1944
Kelly, Eric Gordon, M.A. (B.A., 1920)	1925	Ketley, Anthony Layzell, B.A.	1965
Kelly, Ernest James, B.A.	1952	Ketley, Christopher Layzell, B.A.	1964
* Kelly, Francis, LL.B.	1906	Ketteridge, Colin Ralph, B.D.S.	1956
Kelly, Francis Peter, LL.B.	1937	Ketteridge, Ian Bruce, M.E. (B.E., 1951)	1963
Kelly, Frank Reginald, B.A.	1961	Keynes, Donald Maynard, B.Tech.	1962
Kelly, Gabrielle, B.A.	1966	Keynes, Doris Ruth, B.Sc.	1950
Kelly, Gwenda Mary Christine, B.A.	1949	Keynes, Nanette Joan, B.A.	1943
Kelly, John Erwin, LL.B.	1936	Keynes, Walter John, B.Tech.	1961
Kelly, Kieran Carmichael, LL.B.	1963	Khadijah binti Karim, B.A.	1965
* Kelly, Michael, M.D. (M.B., B.S., 1928)	1945	Kho, Chin Heng, B.Sc.	1960
Kelly, Michael Lawrence, LL.B.	1928	Khoo, Kay Keng, B.Med.Sc.	1965
Kelly, Noel Robinson, B.Sc.	1964	Khoo, Phon Sai, B.Sc.	1963
Kelly, Patrick Joseph, LL.B.	1924	Khoo, Teng Joo, B.A.	1955
Kelly, Peter Maurice St. Leger, LL.B.	1959	Khor, Teik Hean, Michael, M.E. (B.E., 1959)	1964
Kelly, Robert John, B.E.	1959	Kidd, Barrington Horace, B.D.S.	1959
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949	Kidd, Rowland James, B.D.S.	1953
LL.B.	1966	Kiek, Laurence Edward, M.A. (B.A., 1947)	1949
Kelman, Hilda, M.B., B.S.	1948	Kiek, Sidney Noel, B.Sc.	1939
B.A. (W. Aust., 1943)	1949	Kiek, Winifred, M.A. (B.A., Manchester, 1907)	1929
Kelsall, George Robert Henry, M.B., B.S.	1958	Kierce, Paul Joseph, M.B., B.S.	1965
Kelsey, Oswald Mortimer, B.E.	1938	Kies, Alick Andrew, B.A.	1938
Kemp, Deane Clayton, B.Tech.	1963	Kieselbach, Patricia, B.A.	1961
Kemp, Henry Kenneth, B.Ag.Sc.	1933	Kijne, Jacob Willem, Ph.D. (Utah, 1964)	1965
Kemp, Mervyn Douglas, B.A.	1966	Kildea, Hugh Bawden, M.B., B.S.	1965
Kempson, Roger Malcolm, B.Sc.	1966	Kildea, Mary Francis, B.A.	1940
Kempster, Charles John Edgar, Ph.D. (Cambridge, 1958)	1960	Kilgariff, Ian Warner, LL.B.	1964
Kendrew, George Harry, M.B., B.S.	1917	Kilgariff, Joseph Thomas, B.E.	1942
* Kenihan, Raphael Leo, M.B., B.S.	1915	Kilgariff, Ronald Desmond, B.Sc.	1948
Kenihan, Robert Austin, M.B., B.S.	1946	Killmier, Arthur Clifford, B.A.	1929
Kenmare, Hugh Daly, B.D.S.	1950	Killmier, Betty Margaret, B.A.	1953
Kenmare, Mary Anne, B.Sc.	1962	Kilpatrick, Diana Jeanette, B.Sc.	1966
Kennedy, Alan Duncan, B.A.	1952	Kilpatrick, Iain David, B.E.	1960
Kennedy, Alexander Lorimer, B.E.	1915	Kimber, Carlien Lorraine, M.D.	1965
Kennedy, Barbara Anne, M.B., B.S.	1962	Kimber, Gillian, B.A.	1961
Kennedy, Christopher Warren, B.Tech.	1965	Kimber, Hugh Robert Reid, B.E.	1940
Kennedy, Desmond Anthony, M.B., B.S.	1955	Kimber, Jennifer, B.A.	1959
Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957	Kimber, Maxwell James, B.E.	1964
Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958	Kimber, Pamela, B.A.	1947
Kennedy, Gillian Ruth, Ph.D.	1963	Kimber, Richard John, B.D.S.	1953
Kennedy, Helen Margaret, B.Sc.	1964	M.D. (M.B., B.S., 1961)	1966
Kennedy, John Graham, B.E.	1952	Kimber, Robert James, B.A.	1960
Kennedy, Josephine Margaret, M.B., B.S.	1939	Kimber, Ronald Walter Lincoln, Ph.D. (B.Sc., 1956)	1960
Kennedy, Karin Isobel, B.Sc.	1955	Kindler, John Ernest, M.E. (B.E., 1928)	1930
Kennedy, Kevin John, B.E.	1962	King, Brian Maxwell, B.E.	1956
Kennedy, Michael Brian, B.E.	1959	King, Colin George, B.D.S.	1938
Kennedy, Philip James Anthony, LL.B.	1954	King, David McMillan, M.B., B.S.	1963
Kennedy, Stanley Wallace, Ph.D. (Belfast, 1954)	1957	King, Donald, M.Sc. (B.Sc., 1948)	1950
Kennett, Edmund Richard, B.E.	1949	King, Edwin George, B.A. (Western Australia, 1942)	1958
Kennett, Maureen Patricia, B.A.	1963	King, Frances Mary, B.A.	1960
Kenny, Edward James, B.Tech.	1962	King, Jocelyn Mary, M.Ag.Sc.	1965
Kenny, Daniel Thomas, B.E.	1951	King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956
Kenny, Marjorie Jean, B.Mus.	1965	King, Leonard James, LL.B.	1951
Kenny, Martin Bill, B.Arch.	1963	King, Margaret Jessica Esmée, Mus.Bac.	1962
Kenny, Martin Lance, B.A.	1940	King, Peter Melville, B.Ag.Sc.	1966
Kenny, Michael John, B.Mus.	1965	King, Robert Bruce, B.Sc. (Sydney, 1947)	1960
Kenny, Patricia Mary, B.A.	1954	King, Tania Leonie, M.B., B.S.	1963
Kent, George Lynden, B.A.	1952	Kingston, Anthony Ian, B.D.S.	1961
Kent, Heinz Sigfrid Koplowitz, Ph.D., (Cambridge, 1955)	1956	Kingston, Patricia Joan, B.A.	1964
Kentish, Peter Horwood, B.A.	1960	Kinloch, Hector Gilchrist Lusk MacTaggart, Ph.D. (Yale, 1960)	1961

* Deceased

Kinlough, Margaret Anne, M.D. (M.B., B.S., 1958)	1963	Koch, Colin Barry, B.D.S.	1951
Kinlough, Raelene Lorna, M.B., B.S.	1961	Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928)	1938
Kinnaird, Malcolm Alexander, B.E.	1959	Kochendörfer, Paul Joachim Rudolf, Ph.D. (Dr.Phil., Berlin, 1937)	1965
Kinnane, Kenneth James, B.D.S.	1952	Koehne, Ivan Harold, M.B., B.S.	1956
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Koehne, Marjorie Evelyn, B.A.	1931
Kinnear, Andrew Munro, B.E.	1950	Koehne, Monica, B.A.	1962
Kinnear, Gerald Campbell, M.B., B.S.	1961	Koehne, Peter David, B.A.	1957
Kinsman, Andrew Guise, B.E.	1954	Koehne, Raymond Percy, B.A.	1932
Kirby, Barrie Michael, B.Sc.	1961	Koehne, Robert, M.B., B.S.	1961
Kirby, Charles William, B.Tech.	1961	Koerber, Brian Walter, B.Sc.	1956
Kirby, David Bevan, M.B., B.S.	1951	Koerner, Carl Frederick, M.E. (B.E., 1923)	1933
Kirby, Ronald Franklyn, B.Sc.	1964	Koerner, Carl Frederick, M.E. (B.E., 1923)	1928
Kirchhoff, Gerhard Otto Paul, Ph.D. (D.Phil., Freiburg, 1951)	1966	Koerner, John Francis, B.E.	1924
Kirk, Alexander Charles, B.Sc.	1963	Koh, Kee Tong, B.E.	1964
Kirke, David Kerry, M.B., B.S.	1964	Koh, Loke Seng, B.Tech.	1965
Kirkland, James Alexander, M.D. (St. Andrew's, 1962)	1965	Kohler, Bryce Leonard Percival, B.Ec.	1961
Kirkman, David Norton, M.B., B.S.	1947	Kohler, Theodor George, M.B., B.S.	1946
Kirkman, Edith Doreen, B.Sc. (M.B., B.S.)	1948	Kollosche, Harold Frank, M.B., B.S.	1915
Kirkman, Kenneth Hainsworth, LL.B.	1919	Kong, Ted Chong, Joseph, B.Ag.Sc.	1961
Kirkman, Lawrence Hayworth, LL.B.	1949	Kong, Otto, B.Tech.	1961
Kirkwood, John, B.D.S. (Sydney, 1954)	1962	Koop, Eric John, B.E.	1949
Kirsch, Marina, LL.B.	1960	Koop, Peter Malcolm, M.B., B.S.	1949
Kirsten, Marcia Meymott, B.A. (Sydney, 1924)	1952	Korallis, Costa Agis, B.Sc.	1956
Kirwan, Colleen Joy, B.Sc. (M.B., B.S.)	1956	Kornis, Edith Barbara, M.B., B.S.	1963
Kissel, Thomas Alfred, B.A.	1954	Korytnyk, Wsewolod, Ph.D. (B.Sc., 1953)	1957
Kitchener, Martin John, B.E.	1957	Kotlarski, George, B.E.	1962
Kitson, Mary Cecil, LL.B.	1916	Kowanko, Nicholas, Ph.D. (B.Sc., 1956)	1961
Kitto, Rodney Keith, B.Tech.	1959	Kowanko, Rosemarie Johanna, B.A.	1965
Kiusalaas, Jaan, B.E.	1956	Kraehe, Graham John, B.Ec.	1965
Klaebe, Kenneth Eric, B.Sc. (B.A.)	1960	Kramer, Jeffrey Lionel, B.Tech.	1964
Klaebe, Robert John, B.D.S.	1961	Krantz, Kenneth David, M.B., B.S.	1941
Klaebe, Ruth Adelaide, B.A.	1955	Krantz, Peter Philip, B.Sc.	1963
Klau, Wilfred Albert, M.B., B.S.	1947	Krantz, Roy, M.B., B.S.	1930
Klauss, Cynthia Beaumont, B.Sc.	1963	Krantz, Sydney, M.B., B.S.	1927
Klemm, Anthony Desmond, B.Sc.	1966	Kranz, Murray Lyall, B.D.S.	1951
Kleeman, Alfred William, Ph.D. (B.Sc., 1933; M.Sc., 1935)	1955	Krassay, Stephen Francis, B.Ec.	1966
Kleeman, John Douglas, B.Sc.	1965	Krassay, Thomas Egon, B.D.S.	1961
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Krastins, Ilga, B.Arch.	1964
Kleeman, Peter Wallace, B.E.	1951	Krause, Malcolm Rex, B.Ag.Sc.	1947
Kleeman, Reginald Theodore, B.E.	1923	Kretschmer, Gaynor Blanche, B.A.	1948
Kleemann, Colin Martin, B.E.	1939	Krichauff, George Frederick, B.E.	1927
Klein, Robert William, M.B., B.S.	1939	Krichauff, Henry Stead, B.Ag.Sc.	1958
Kleinig, Cyril Raymond, B.Ag.Sc.	1950	Krieg, Erwin Oswald, B.A.	1947
Kleinig, John Wilfred, B.A.	1965	Krieg, Graham Walter, B.Sc.	1965
Kleitsch, Frederic, B.Ec.	1961	Krieg, Marcus Gustav, B.A.	1941
Klemm, Anthony Desmond, B.Sc.	1966	Krieger, Geoffrey Edward, M.B., B.S.	1961
Klimaitis, Vytautas Victor, B.Tech.	1964	Kriehn, Adolf Oscar, M.A. (B.A., 1922)	1926
Klimowski, Leopold Richard, M.B., B.S.	1961	Krips, Henry Paul, B.Sc.	1965
Klingberg, David John, B.Tech.	1965	Krishnan, Subramaniaiyer Sivarama, M.B., B.S.	1958
Kloeden, Louis Adolph, B.A.	1948	Krishnapillai, Vijeyasehari, Ph.D. (B.Sc., 1960)	1965
Kloogh, Noelene, B.Mus.	1966	Kristoff, Julia, B.Sc.	1960
Klose, Alfred Emil Johannes, B.A.	1915	Krockenberger, Bruno, B.E.	1956
Klose, Brenton Rollo, B.E.	1963	Kroemer, Maureen Annette, B.Sc.	1964
Klose, Delrene Mary, B.A.	1965	Kruger, James Morris, B.Sc.	1948
Klose, Edwin Francis, B.Sc.	1959	Kruhming, Edward Charles, B.E.	1960
Kluht, Caroline Jennifer, B.A.	1963	Krumins, Bruno, B.Tech.	1962
Knapman, Jeffrey Warren, B.Sc.	1963	Krumins, Dagmara Eleonora, B.D.S.	1954
Knapman, William Hamilton, B.Sc.	1951	Krvoviava, Jaroslav, B.D.S.	1953
Knarhoi, Harry Hansen, M.B., B.S.	1956	Kubacz, George John, M.B., B.S.	1959
Knaerhase, Juliet Mary Lillemer, B.A.	1960	*Kuchel, Carl Wilhelm August, M.A. (B.A., 1908)	1912
Knaerhase (nee Kiek), Margaret Lucy, B.A.	1934	Kuchel, Clemens Carl, B.Sc.	1934
Knaerhase, Oscar Carl, M.A. (B.A., 1934)	1943	Kuchel, Rex Harold, B.Sc.	1942
Kneebone, Christopher Stephen, B.E.	1920	Kuchel, Robert Erwin, B.Sc.	1947
Kneebone, Clive Stuart, M.B., B.S.	1951	Kuhl, Dean Hasting, B.Sc.	1957
Kneebone, Garry Malcolm, M.B., B.S.	1953	Kuhlmann, Herman Frederick, M.B., B.S.	1943
Kneebone, John Henry, M.B., B.S.	1954	Kukurs, Ilona, B.A.	1961
Kneebone, John Keith, M.B., B.S.	1947	Kulasingham, Lynn, B.A.	1959
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911)	1921	Kummick, Donald Kerr, M.B., B.S.	1951
Kneebone, Nance Gordon, B.A.	1950	Kuo, Chiao Chiao, B.Sc.	1962
Knight, Edwin Walter, M.B., B.S.	1957	Kurczak, Henry, B.E.	1957
Knight, John Michael, B.A.	1966	Kurtz, Clarence Norman, B.A.	1956
Knight, Ronald, Ph.D.	1965	Kurusev, Tomas, Ph.D. (B.Sc., 1954)	1958
Knight, Ronald Barrington, M.B., B.S.	1933	Kuss, Marc Raphael, B.Sc.	1964
Knight, Tiuu Anu, B.A.	1966	Kutcher, Raymond William Harold, B.E.	1951
Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Kuusk, Eda Renaate, M.B., B.S.	1958
Knowles, Martyn Carey, B.Sc.	1964	Kuusk, Sven, B.D.S.	1965
Knox, Peter Gordon, B.Tech.	1958	Kwan, Tse-Tuan, May, B.Sc.	1964
		Kwok, Hae Fun, B.E.	1965
		Kwok, Hae Leong, M.E. (B.E., 1957)	1962
		Kwong, Kwok-Wai, Wilson, B.D.S.	1966
		Kwong, Nai Wing, Owen, B.D.S.	1965
		Kwong, Sea Yoong, B.D.S.	1955
		Kyd, Isabel Somerville, B.A.	1937
		Kyd, Margaret Florence, B.A.	1941

* Deceased

L

Laby, Ralph Henry, Ph.D.	1964
Lacey, John Salisbury, B.E.	1944
Ladd, Jeffrey Norman, M.Sc. (B.Sc., 1952)	1955
Lade, Kathleen Beatrice, B.A.	1930
Lade, Norman Edgar, M.A. (Melbourne, 1926)	1937
Lade, Stuart Blair Stanley, B.Tech.	1964
Ladner, Kenneth Claude, B.Tech.	1965
Laffan, Anna Estelle, B.A.	1922
Laffer, Leonard Hughes, B.Ag.Sc.	1934
La Ganza, Richard Francis, M.Sc. (B.S., Yale, 1957)	1960
Lagzdins, Lia, B.A.	1957
Lai, Mun Seng, M.B., B.S.	1956
Laidlaw, Donald Hope, LL.B.	1949
Laidlaw, William Clarke, B.A.	1938
Lake, Blair Hingston, B.D.S.	1950
Lake, Robb Hingston, LL.B.	1939
Lakin, Angela Mary, B.Mus.	1965
Lam, Bin Khong, B.Tech.	1963
Lam, Lambert Teck Choon, M.B., B.S.	1955
Lam, Pin Khien, B.Tech.	1964
Lam, Ying, B.Sc.	1964
Lam, Yu Swee, B.Sc.	1960
Lamacraft, Kenneth Ronald, B.A.	1954
Lamacraft, Robin Ross, B.Sc.	1966
Lambert, Harry Franklin, LL.B.	1964
Lamborne, Maxwell Addison, B.A.	1953
Lamey, Charles Sydney, B.A.	1932
Lamey, Gwenyth Eugene, B.A.	1940
Lampard, Dudley John, M.B., B.S.	1941
Lampe, Victor Leslie, B.A.	1919
Lamphee, Allan Dunstan, M.B., B.S.	1924
Lamphee, Catherine Elspeth, B.Sc.	1953
Lamshed, Albert Saville, B.A.	1950
La Nauze, Barbara Burton, B.Sc.	1937
La Nauze, John Andrew, B.A. (Oxford, 1934)	1935
Lander, Harry, M.B., B.S.	1951
Lane, Barbara Edith, B.Sc.	1960
Lane, Douglas James, B.Sc.	1950
Lane, John Edgar, Ph.D. (B.Sc., 1959)	1963
Lane, Lionel Harold Davies, M.B., B.S.	1961
Lane-Smith, Ronald Frederick, B.Arch. (Manitoba, 1957)	1965
Lang, Eric, M.E. (B.E., 1924)	1930
Lang, Graham Bruce, B.Sc.	1953
Lang, Ian Philip, B.Sc.	1951
Lang, Philip Roy, M.A. (B.A., 1923)	1929
Lang, Roger James, B.Ec.	1964
Lang, Samuel Brambley, B.A.	1949
Lang, Sydney Chapman, B.A.	1896
Lang, Timothy Ralston, B.Sc.	1964
Langdon, Rodney John, B.Tech.	1963
Lange, Robert Terence, Ph.D. (W.A., 1961)	1963
Langevad, Eric James, B.E.	1933
Langford, Peter Angus, B.A.	1964
Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942
Langhans, Patricia Jean, B.A.	1962
Langrehr, John Scott, B.Sc.	1960
Langridge, John Balcombe, Ph.D.	1958
Langron, William Joseph, B.Sc.	1947
Langsford, Diana, B.A.	1948
Langsford, Janice Cathryn, B.A.	1964
Langstaff, Lois, B.A.	1944
Lanyon, Richard Ian, B.E.	1953
Lapidge, Jack Stanley, B.E.	1935
Lapsys, Antanas Tomas, B.Arch.	1963
Laslett, Alfred John, B.E.	1965
Laslett, George Nield, B.A.	1951
Laslett, Ian John, B.Sc.	1950
Laslett, Robert Lacy, M.Sc. (B.Sc., 1960)	1964
Lasn, Kalle, B.Sc.	1962
Last, John Murray, M.B., B.S.	1949
Last, Peter Murray, M.B., B.S.	1952
Last, Raymond Jack, M.B., B.S.	1924
Latz, Clement Victor, B.Sc.	1955
Laubsch, Colin Andrew, B.Sc.	1951
Laight, 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
Laurence, Joan Mary, B.A.	1935
Laurie, Christopher Forbes, M.B., B.S.	1964
Laurie, Ian Stott, Ph.D. (Cambridge, 1962)	1966
Laurie, John Buxton, B.E.	1955
Laver, John Poynton, B.E.	1952
Laver, Peter Graham, B.Tech.	1966
Lavery, Christopher Soward, B.E.	1960
Lavis, David Milton, B.Sc.	1949
Lavis, John Frederic, M.D.S. (B.D.S., 1945)	1954
Law, Gertrude Teresa, M.A.	1924
Lawlor, Laurence Charles, B.E.	1965
Lawlor, Margaret Cecilia, B.Sc.	1964
Lawrance, Robert, Ph.D. (M.Sc., 1958)	1965
Lawrence, Alfred Oscar Platt, B.Sc.	1928
Lawrence, Bruce Ernest, M.B., B.S.	1927
Lawrence, Effingham Frank, M.B., B.S.	1966
Lawrence, James Roland, M.B., B.S.	1954
Lawrence, John Robert, B.E.	1957
Lawrence, Margaret Evelyn, B.A.	1959
Lawrence, Robert John, B.A.	1953
Lawrie, Allan Leonard, B.App.Sc.	1965
Lawrie, David Charles, B.Sc.	1954
Lawrie, John Desmond, B.E.	1954
Lawry, John Robins, B.A.	1961
Lawry, Peter Sheldon, B.Sc.	1960
Lawry, Reginald Arthur, B.A.	1943
Laws, Keith William, B.D.S. (Sydney, 1924)	1925
Lawson, Beverley Joy, B.Sc.	1959
Lawson, Frederick Henry, B.Sc.	1935
Lawson, Margaret Elaine, M.B., B.S.	1955
Lawson, William Scott, M.B., B.S.	1954
Lawton, Anthony Dean, B.Ec.	1962
Lawton, Graham Henry, M.A. (Oxford)	1952
Lawton, John William Magarey, M.B., B.S.	1963
Lawton, Peter Alan, B.Sc.	1950
Lawton, Ralph Stanley, B.A.	1953
Laycock, Frederick John, M.B., B.S.	1941
Laycock, Geoffrey Clifton, B.A.	1952
Laycock, Margaret, B.A.	1954
Laycock, Richard, M.B., B.S.	1965
Lazaroff, Nicholas, B.Sc.	1964
Lazner, Margaret Ann, B.Sc.	1965
Lea, Anthony Ramon Marc, B.A.	1961
Lea, David Alexander Maclure, B.A.	1958
Lea, John Francis Maclure, B.E.	1957
Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924
Leach, Brian George, B.Sc.	1964
Leach, John Brian, B.D.S.	1947
Leach, Raymond Basil, B.D.S.	1950
Leach, Robert William, B.A.	1950
Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953
Leach, William Valentine, M.A. (B.A., 1922)	1923
Leader, Haynes, LL.B.	1926
Leader, Wendy Marjorie, B.A.	1961
Leak, Brian Hedley, B.A.	1954
Leak, Peter McKenzie, B.Sc.	1961
Leaker, David Wayne, B.Ec.	1966
Leane, Peter Alan, B.Ec.	1963
Leaney, Cecil John, M.B., B.S.	1952
Leaney, Peter Anthony, M.B., B.S.	1954
Leaney, Roy Kent, B.A.	1947
Leask, John Hunter, B.E.	1928
Leask, John James, B.E.	1960
Leaver, Edward, LL.B.	1928
Leaver, Kenneth Batten, B.A.	1942
Leaver, Sally Lucia Eulalie, B.Sc.	1956
Leckie, Alexander Joseph, Mus.Bac.	1918
LeCornu, Colin George, B.A.	1954
Ledger, Gladys May, B.A.	1912
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906
Leditschke, Friedrich Berthold, M.B., B.S.	1924
Leditschke, John Frederick, M.B., B.S.	1957
Leditschke, Kathleen Dora, B.Sc.	1956
Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955
Leditschke, Ralph Colin, B.Tech.	1963
Ledo, John David, B.E.	1961
Lee, Anthony Ralph, B.Sc.	1966
Lee, Bing Kin, Thomas, B.Sc.	1966
Lee, Chin Tiong, M.B., B.S.	1957
Lee, Christopher Robert, LL.B.	1961
Lee, Chye Chow, M.B., B.S.	1955
Lee, David Harry, M.Sc. (B.Sc., 1961)	1964
Lee, Frank Milton, B.A.	1939
Lee, Heather Vivian, B.A.	1947
Lee, Hector John, M.Sc. (B.Sc., 1932)	1949
Lee, Huat Chye, Jeffrey, B.E.	1965

* Deceased

Lee, Kee Ching, B.E.	1958	Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931
Lee, Kevin John, B.E.	1954	Lewis, Basil Reece, B.Sc.	1944
Lee, Kim Cheng, B.Sc.	1968	Lewis, Brenton Raymond, B.Sc.	1966
Lee, Kwok Ching, M.B., B.S.	1955	Lewis, Brian Malcolm, B.Tech.	1962
Lee, Kwok Poh, B.D.S.	1958	Lewis, Brian Murray, B.Sc.	1964
Lee, Lance Maurice, LL.B.	1958	Lewis, Colin Hamilton, B.D.S.	1943
Lee, Ping Wen, M.B., B.S.	1965	Lewis, David Alfred, B.Sc.	1943
Lee, Raymond Wilson, B.E.	1954	Lewis, David Grant, LL.B.	1963
Lee, Ronald Milton, B.Tech.	1959	Lewis, David Gray, Ph.D. (B.Sc., 1949, M.Sc., 1957)	1964
Lee, Sam Kong, B.E.	1961	Lewis, Eric, B.A.	1965
Lee, Seng Teik, M.B., B.S.	1965	Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908
Lee, Sheong-O, B.Tech.	1962	Lewis, Frederick Moore, B.A.	1961
Lee, Siew Chow, B.E.	1965	Lewis, Glen Arthur, B.E.	1949
Lee, Siew Yin, Helena, M.B., B.S.	1965	Lewis, Gordon John, B.E.	1951
Lee, Soo Kwang, B.E.	1964	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955
Lee, Spencer Adrian, LL.B.	1965	Lewis, Irene Gwendoline, B.Sc.	1907
Lee, Tian Chew, B.Tech.	1962	Lewis, John Aylward, M.B., B.S.	1944
Lee, Yee Cheong, B.E.	1961	Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935
Lee, Yuk Yan, B.E.	1966	Lewis, June Alison, B.Sc.	1964
Leech, Jeremy Wilfrid, B.Sc.	1964	Lewis, Keith Gray, B.Sc.	1940
Leenders, Johannes Albertus, B.Tech.	1964	Lewis, Keith William, B.E.	1952
Leepere, Kam, B.Sc.	1963	Lewis, Kevin Joseph, B.D.S.	1933
Lees, Maxwell Laurence, B.E.	1966	Lewis, Leonard Arthur, B.Sc.	1940
Legge, Flora, B.A.	1966	Lewis, Mary, B.A.	1949
Legoe, Christopher John, M.A. (Cambridge, 1954)	1961	Lewis, Mervyn Keith, B.Ec.	1965
Lehman, Robert Brian, B.Tech.	1965	Lewis, Michael Leslie, B.Ec.	1965
Lehmann, Philip Ross, B.Sc.	1965	Lewis, Norman Benjamin, B.Sc.	1947
Leibie, Albert Lawrence, B.A.	1966	Lewis, Peter Alexander, B.E.	1957
Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926	Lewis, Raymond Douglas, B.Sc.	1939
Leifer, Michael, Ph.D. (London, 1959)	1960	Lewis, Reginald William Frederick, B.E.	1925
Leigh-Jones, Peter, B.E.	1964	Lewis, Richard Owen, B.A.	1951
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947	Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947
Leitch, Raymond John, M.B., B.S.	1958	Lewis, Robyn, B.Sc.	1965
Lekias, Michael Simon, M.B., B.S.	1955	Lewis, Roy Newman, B.Sc.	1945
* LeLacheur, Hellier, B.A.	1915	Lewis, Stella Constantine, M.B., B.S.	1962
LeLacheur, Hellier, B.A.	1966	Lewis, Steve Constantine, B.E.	1964
LeMaistre, Christopher William, B.App.Sc.	1964	Lewis, Stuart Hayes, M.B., B.S.	1950
LeMaistre, Ray Mauger, B.A.	1939	Lewis, Trevor Frank, B.Tech.	1962
Lemcke, Vincent Andrew Howard, B.A.	1940	Lewis, William Albert, B.A.	1966
LeMessurier, David Hugh, B.Sc.	1932	Lewis, William Hooper, M.B., B.S.	1964
Le Messurier, David Hugh, B.Arch.	1966	Leydon, Robert John, Ph.D. (B.Sc., 1961)	1965
* LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920	Leyland, Geoffrey Agar, M.B., B.S.	1944
LeMessurier, Patricia Anne, B.A.	1959	Lian, Fook Nyeon, M.B., B.S.	1961
LeMessurier, Robert Ernest, B.E.	1949	Liddiard, Kevin Charles, B.Sc.	1964
Lemmey, Ford Prall, B.A.	1951	Liddle, John Michael, B.Sc.	1964
Lemon, Arnold William, LL.B.	1936	Liddle, Peter Francis, B.Sc.	1966
Lemon, Meredith, B.Sc.	1965	Liddy, Desmond Terence, B.Sc.	1950
Lendon, Alan Harding, M.B., B.S.	1927	Liddy, John Davis, B.E.	1966
Lendon, Elspeth Lockett, B.A.	1950	Liddy, John Francis, B.E.	1952
Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922	Liddy, Peter Michael, LL.B.	1966
Lennon, Vincent Francis Bennett, M.B., B.S.	1930	Lidums, Aivars, B.Tech.	1963
Leonard, Ian Ferguson, M.B., B.S.	1959	Liebhich, Alvin Frederick, B.E.	1940
Leonard, Roger Ashley, B.A.	1964	Liepins, Ines, B.D.S.	1965
Leong, Kong Mun, B.E.	1962	Lieschke, Alister Headley, B.Sc.	1959
Leong, Luen Kit, M.E. (B.E., 1960)	1964	Liew, Nyok Kheng, B.Sc.	1964
LePage, Keith Ernest, M.B., B.S.	1952	Liew, Tack Ming, B.D.S.	1961
LePage, Patricia Nadeane, B.A.	1956	Liew, Tack Wan, B.A.	1961
LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960	Ligertwood, Sir George Coutts, B.A.	1908
Le Page, Ronald Alfred, B.A.	1966	LL.B.	1910
Leske, Clemens Theodore, B.Mus. (Melbourne, 1947)	1966	LL.D. (Western Australia, 1963)	1964
Leske, Clive William, B.E.	1950	Ligertwood, James Arthur, B.E.	1950
Leske, David, M.B., B.S.	1954	Ligertwood, Neil Coutts, LL.B.	1948
Leske, Elmore, B.A.	1947	Ligeti, Judith Margaret, B.A.	1965
Leske, Kenneth Berthold, B.Ag.Sc.	1948	Ligeti, Piroška Magdolna, M.B., B.S.	1954
Leslie (nee Sharman), Florence Mary, M.A.	1919	Lightburn, Kenneth Dale, B.E.	1963
Leslie, Jean, M.A. (B.A., 1920)	1932	Lilburn, William Embleton, B.E.	1954
Leslie, Peter William, M.B., B.S.	1943	Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949
Leslie, Robert Bradshaw, B.Sc.	1952	Liljegren, David Roland, Ph.D. (B.Sc., 1959)	1963
Leslie, Warren Canmore, B.Sc.	1962	Lill, John Charles, Ph.D. (B.E., 1955)	1962
Lesnikowski, Zdzislaw, B.Ec.	1960	Lillecrapp, Douglas Arthur Julian, B.A.	1949
Le Souef, John Dudley, M.B., B.S.	1948	Lillie, Susan Jane, B.Sc.	1962
Letcher, Herbert George, M.B., B.S.	1927	Lillywhite, Cuthbert, B.Sc.	1899
Levitt, Solomon, M.B., B.S.	1950	Lillywhite, John Wilson, B.Sc.	1936
Levy, Judith Anne Winstanley, M.Sc. (B.Sc., 1956)	1963	Lillywhite, Myra Jean, B.A.	1960
Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952	Lim, Cheng Sang, B.Sc.	1963
Lewcock (nee Orock), Ena Beatrice Faith, B.A.	1926	Lim, Chong Kooi, B.Arch.	1965
Lewcock, Harry Kingsley, B.Sc.	1923	Lim, Heng Wah, B.Sc.	1966
Lewis, Anthony Beresford, B.Ec.	1964	Lim, Khaik Leang, Ph.D. (B.Sc., 1959)	1965
Lewis, Arthur Sangster, B.E.	1930	Lim, Kim Boon, B.E.	1965
		Lim, Kwang Hua, B.E.	1957
		Lim, Leong Geok, B.E.	1959
		Lim, Looi Cheang, M.B., B.S.	1965

* Deceased

Lim, Teck Kah, B.Sc.	1964	Loan, Peter Macdonald, B.Sc.	1964
Lim, Thuan Khee, B.E.	1966	Lobascher, David John, M.B., B.S.	1955
Lim, Teow Wan, B.Sc.	1965	Lochert, Paul Bertram, B.Sc.	1963
Lim, Thian En, B.E.	1963	Lochert, Roslyn Marie, M.B., B.S.	1962
Lim, Yew Meng, B.Sc.	1964	Lock, Dorothy Marie Jeanne, B.A.	1954
Lim, Yong Peng, B.Ag.Sc.	1957	Lock, Maurice Joseph Bayard, B.Sc.	1945
Limb, Christopher John, B.E.	1965	Lockwood, Dianne Wendy, B.A.	1966
Limmer, Allan Noel, M.B., B.S.	1959	Lockwood, Gregory John, B.A.	1965
Lindell, Geoffrey John, LL.B.	1965	Lockwood, John, B.Sc.	1964
Lindner, John Alan, B.Sc.	1963	Lockwood, Keith Linwood, B.Sc.	1963
Lindner, Robert Ken, B.Ag.Sc.	1964	Lockwood, Philip Anthony, M.A. (Cambridge, 1949)	1966
Lindon, John Leonard Henry, M.B., B.S.	1952	Lockyer, Kathleen Elaine, B.A.	1953
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923	Lodge, John Kenneth Hyde, B.Ec.	1957
Lindon, Marten Edward, M.B., B.S.	1953	Loechel, Beverley Claire, B.Sc.	1963
Lindop, Arthur Clive, B.Sc.	1964	Löffler, Donald Arthur, B.A.	1961
Lindquist, William Dudley, B.Sc.	1965	Löffler, Keith Richard, B.Arch.	1965
Lindquist, Malcolm Francis, B.Sc.	1966	Logan, Ernest Albert William, B.A.	1937
Lindsay, Jeanette, LL.B.	1963	Loh, Soo Beng, B.Tech.	1964
Lindsay, Keith Malcolm, B.A.	1939	Loh, Soo Eng, B.E.	1966
Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950	Lohmeyer, Rex Howard, B.E.	1953
M.B., B.S.	1957	Lohmeyer, Vivian Keith, B.Ag.Sc.	1950
Lines, David Robin, M.B., B.S.	1961	Lokan, Frances Anne, B.A.	1959
Lines, Dean Franc, B.Sc.	1944	Lokan, Keith Henry, B.Sc.	1954
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933	Loke, Wye Tuck, M.B., B.S.	1960
Lines, George Edward, B.Ag.Sc.	1951	London, Jack Warfield, B.E.	1951
Lines, Helen Nora, B.A.	1952	Long, Eileen Edith, B.A.	1939
Ling, Ai Mee, B.Sc.	1964	Longbottom, David Cox, B.E.	1938
Ling, John Kynaston, M.Sc. (B.Sc., 1954)	1956	Longbottom, Graeme John, B.E.	1960
Ling, Robert Donald Hill, B.E.	1957	Longbottom, Maxwell Ernest, B.A.	1962
Ling, Sieng Hui, Charles, M.B., B.S.	1963	Looke, Ene, B.Sc.	1960
Ling, Siew May, B.Arch.	1964	Looker, Arthur Jacob Henry, B.E.	1957
Linke, Ambrose Neil, B.A.	1960	Lopes, Renée Marie, B.A.	1965
Linke, Hayden Neville, B.Sc.	1963	Lorbeer, Hans Joseph, M.B., B.S.	1958
Linke, Innes Napier, B.Sc.	1965	Lorbeer, Siegfried Heinrich, M.B., B.S.	1960
Linke, John William, B.Sc.	1953	Lord, Eric Ross, B.A.	1948
Linke, Roslyn Kaye, B.A.	1963	Lord, John Russell, B.Sc.	1961
Linklater, Peter Munro, B.Ag.Sc.	1953	Lord, Peter, B.E.	1958
Linklater, Rodney Munro, B.E.	1953	Lore, John, M.B., B.S.	1957
Linn, Beryl Eileen, LL.B.	1933	Lorenz, Ross, B.E.	1963
Linn, Helen Kathleen, B.Sc.	1950	Lorking, Diana Pauline Elizabeth, B.A.	1952
Linn, Howard Wadmore, M.D. (M.B., B.S., 1944)	1954	Lott, Robert John, B.Sc.	1965
Linn, John Graham, M.B., B.S.	1950	Loughhead, Colin Ellis, B.Sc.	1968
Linn, John Malcolm, M.B., B.S.	1953	Loughhead, Mary Elizabeth, B.Sc.	1966
Linn, Leslie Wadmore, M.B., B.S.	1918	Loutit, John Stuart, Ph.D. (B.Sc., 1945)	1955
Linn, Matthew David, B.E.	1965	Loutit (nee Jeffery), Margaret Wyn, M.Sc. (B.Sc., 1950)	1954
Lintern, Sue Michele, B.Sc.	1966	Love, Clement Vernon, M.B., B.S.	1947
Liow, Yew Hock, B.A.	1966	Love, John Alexander, M.B., B.S.	1915
Lipert, John Raymond, M.B., B.S.	1959	Love, John Holinger, B.A.	1951
Lipman, Rex John, B.D.S.	1951	Loveday, John, M.Ag.Sc. (B.Ag.Sc., 1951)	1958
*Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942	Loveday, Peter, Ph.D. (Sydney, 1963)	1968
D.Sc.	1950	Loveday, Peter Franklyn, B.E.	1964
Lippett, Richard, M.B., B.S.	1957	Lovell, John Gordon, B.Sc.	1968
Lister, James Dick, M.B., B.S.	1954	Lovell, Keith Everett, M.B., B.S.	1949
Liston, Doreen Bice, B.A.	1965	Lovett, Neil Doble, B.A.	1960
Liston, Mary Howard, B.A.	1950	Lovett, William James, M.Ag.Sc. (B.Sc.Agr. (Queensland), 1948)	1960
Litchfield, Jennifer Ann, LL.B.	1964	Lovibond, Sydney Harold, Ph.D. (M.A., 1958; B.A. (Melbourne, 1954)	1956
Litchfield, Kenneth Lyle, LL.B.	1935	Lovick, Lilian Sheelagh, LL.B.	1939
Lithgow, John Neville, B.Ec.	1958	Low, Ann Margaret, B.A.	1963
Little, Geoffrey Bruce, B.Tech.	1966	Low, Beng See, Ph.D. (B.Sc., 1958)	1963
Little, John Anthony, B.E.	1957	Low, Kong Hoon, B.Sc.	1961
Little, Kenneth Edgar Treloar, M.B., B.S.	1966	Low, Ian Roland, LL.B.	1966
Little, Rowland Edmund, M.Sc.	1968	Low, Kiang Liew, B.Sc.	1966
Littler, John, M.B., B.S.	1966	Low, Lewis, M.Sc. (Sydney, 1953)	1966
Liu, Hua-An, B.E.	1957	Low, Peter Ashton, B.Sc.	1959
Liu, Lillian Ling, B.Sc.	1957	Lowe, Sir Charles John, M.A. (Melbourne)	1955
Liu, Owen, B.E.	1954	Lowe, Daphne Rae, M.B., B.S.	1951
Livingstone, Rodney Simon, B.A. (Cambridge, 1956)	1960	Lowe, Gillian Elizabeth, B.A.	1956
Llewellyn, Joan Margaret, M.Sc. (B.Sc., 1945)	1951	Lowe, John Charles, B.Sc.	1951
Lloyd, Alan Russell, B.Sc.	1962	Lowe, William Hector, B.E.	1961
Lloyd, David George, B.Sc.	1966	Lower, Harold George, B.Sc.	1963
Lloyd, Denys Morrison, LL.B.	1938	Lower, Harold Stewart Farnham, M.Sc.	1954
Lloyd, Douglas Edwin, B.A.	1966	Lower, Mark Anthony, LL.B.	1948
Lloyd, Edward John, B.Sc.	1959	Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949
Lloyd, Elizabeth Ann, B.A.	1960	Lower, Oswald Bertram, M.B., B.S.	1939
Lloyd, Hugh Arthur, M.B., B.S.	1940	Lowke, John James, Ph.D. (B.Sc., 1955)	1963
Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1902	Lowke, Karil Mary Faith, B.A.	1965
Lloyd, John Viner, M.B., B.S.	1964	Lowrie, Neil William, LL.B.	1963
Lloyd, Joycelyn Marie, B.A.	1959	Lu, Shiu-Shiek, Albert, B.D.S.	1966
Lloyd, Judith Anne, B.Sc.	1961	Lubich, Joseph Maurice, M.B., B.S.	1954
Lloyd, Thomas Rex Viner, B.E.	1932	Lucas, Carolyn, B.A.	1964
Loan, Edward Charles, B.A.	1903	Lucas, Diana Mary, B.A.	1960
		Lucas, Max, LL.B.	1958
		Lucas, Paul Norton, B.App.Sc.	1963
		Lucas, Ralph Mervyn, B.Ec.	1956

* Deceased

Luck, Janice, B.A.	1958
Lücke, Horst Klaus, LL.B.	1961
Ludbrook, Philip Albert, M.B., B.S.	1964
Ludbrook, Wallis Verco, B.Sc.	1928
Ludford, Colin George, B.Sc.	1948
Ludlow, John, M.B., B.S.	1960
Lugg, Desmond James, M.B., B.S.	1962
Lugg, Margaret Edith, B.A.	1949
Luke, Brian Nathan, B.D.S.	1965
Luke, Colin Glen, M.B., B.S.	1965
Luke, David Alan Thomas, B.Ec.	1960
Luke, Eleanor Ann, B.A.	1961
Luke, James Ian, B.D.S.	1963
Luke, Murdock Stewart, B.A.	1958
Luke, Thomas Glen, B.Sc.	1925
Lum, Allan Douglas, B.Sc.	1958
Lumb, Rosemary Margaret, LL.B.	1966
Lumbers, Eugenie Ruth, M.B., B.S.	1965
Lum, Laurence Claude, M.B., B.S.	1939
Lund, James Percy, B.D.S.	1966
Lungley, Sheila Amelia Gordon, M.B., B.S.	1950
Lunn, Michael Arthur Richard, B.A. (Sydney, 1960)	1963
Lunn, Margaret Anne, LL.B.	1931
Lunn, Robert Martin, LL.B.	1965
Lush, Anita Rose, B.A.	1959
Lushey, Frederick Mayne, B.Ec.	1942
Lushey, B.A.	1951
Lushey (nee Wilks), Vida Alice, B.A.	1904
Luxmoore, Robert John, B.Ag.Sc.	1962
Luxton, Clarence Richard Paul, B.E.	1950
Luxton, Russell Estcourt, B.E.	1956
Lyal, Allen Raymond, M.B., B.S.	1954
Lydall, Harold French, M.A. (Oxford, 1936)	1963
Lydall, Jean Rosemary, B.A.	1966
Lykke, Athol William John, M.D. (M.B., B.S., 1956)	1966
Lynch, John Henry, B.A.	1947
Lynch, Justin Joseph, Ph.D.	1964
Lynch, Kevin Patrick, LL.B.	1959
Lynch, Martin Alfred, M.B., B.S.	1954
Lyne, Allan Robert, B.E.	1966
Lynn, Kenneth Roy, B.Sc.	1949
Lyon, Hugh Pearson Dunlop, LL.B.	1925
Lyon, John Forbes, B.Sc.	1959
Lyon, Malcolm Elliott, B.A.	1954
Lyons, Henry Emerson Wescombe, M.B., B.S.	1940
Lyons, Ruth, M.B., B.S.	1942

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.	1912
McBryde, B.A.	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, Bernard, B.A.	1926
McCarthy, Doreen Franklin, B.A.	1931
McCarthy, B.Sc.	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.	1924
McCarthy, B.A.	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, B.Sc.	1960
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, Karla Elizabeth, B.A.	1963
McCullough, Amy Margaret, B.A.	1942
McCurdy, Brian, B.A.	1960
McDermid, Neil Harvey, B.A.	1962
McDermott, Kevin John, B.Tech.	1966
MacDonagh, 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, 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
McDonald, Keith Alexander, LL.B.	1932
McDonald, Kenneth Duncan, B.Sc.	1951
McDonald, Malcolm Ross, B.D.S.	1963
McDonald, Margaret Doreen, B.Sc.	1959
McDonald, Neil George Alexander, B.Ag.Sc.	1965
McDonald, Percy William, B.A.	1932
McDonald, Peter Baker, B.A.	1950
McDonald, Peter de Paul, B.D.S.	1953
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
McEvoy, Aloysius John, B.A.	1937
McEvoy, Frances, B.Sc.	1951
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

* Deceased

McFarlane, Eileen Dorothea, B.A.	1943	McKelvie, Donald, B.Sc.	1953
McFarlane, John Preiss, LL.B.	1936	McKenna, Donald George, M.B., B.S.	1949
McFarlane, Trevor Hector, LL.B.	1937	McKenna, Keith Patrick, M.B., B.S.	1953
McFarlane, William Hector, B.Ag.Sc.	1942	McKenzie, Donald Keith, M.B., B.S.	1927
McFeat, Richard Bruce, B.Sc.	1965	McKenzie, Helene Marie, B.A.	1964
McGarry, Peter Donald, B.Tech.	1966	Mackenzie, Ian Andrew, B.D.S.	1964
McGee, Colin Raymond, M.Sc. (B.Sc., 1953)	1963	McKenzie, Jean, B.Sc.	1954
McGee, John, LL.B.	1922	McKenzie, John, LL.B.	1961
McGee, Skaidrite, B.A.	1959	McKenzie, Malcolm, B.A. (Melbourne, 1957)	1965
Macghey, Mary Veta, M.A. (B.A., 1919)	1930	McKenzie, Mary, M.B., B.S.	1946
McGill, Ian Keith, M.A. (B.A., 1956)	1958	McKenzie, Reginald Murray, B.Tech.	1958
McGlashan, John Eric, M.B., B.S.	1909	McKie, David Graham, B.A.	1958
McGlashan, John Gardner, M.B., B.S.	1942	Mackie, Dean Graham, M.B., B.S.	1953
McGlashan (nee Gardner), Mary Beatrice, B.A.	1909	McKie, Duncan, Mus.Bac.	1938
McGlasson, William Barry, B.Ag.Sc.	1951	McKie, Ian William, B.A.	1964
McGlew, Phyllis Dorothy, M.B., B.S.	1918	Mackie, James Joseph, B.E.	1953
McGloughlin, Anthony William, B.Sc.	1965	McKiggan, Ian Finlay, B.Sc.	1966
McGorman, Jill, B.A.	1966	McKinnon, Alan George, M.B., B.S.	1964
McGovern, Thomas Henry, LL.B.	1951	McKinnon, Bruce John, B.A.	1964
McGowan, Bruce William, B.Tech.	1962	McKinnon, Donald Campbell, M.B., B.S.	1957
McGowan, George Murray, B.A.	1938	McKinnon, George Clarence, B.Sc.	1933
McGowan, Norman Leslie, B.E.	1950	McKinnon, Heather Campbell, B.A.	1952
McGowan, Ursula, B.A.	1965	McKinnon, John Desmond, B.D.S.	1951
McGowan, Brian, Ph.D. (B.Sc., 1957)	1963	McKinnon, Robert Campbell, B.A.	1934
McGowan, Myrie Irene, B.A.	1954	McKinnon, Robert Keith, B.E.	1950
McGrath, Humphry Addison	1965	McKinnon, Ross Charles, M.B., B.S.	1952
McGrath, Ivan Stanley, B.D.S.	1948	Mackintosh, Bertine Janet Cameron, M.B., B.S. (Aberdeen, 1947)	1965
McGrath, James Patrick, B.A.	1955	McKittrick, Coral Yvonne, B.A.	1961
McGrath, Kelvin Paul, B.Sc.	1950	McKittrick, Ronald Brian, B.E.	1963
McGrath, Paul Matthew, B.Tech.	1962	Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	1927
McGrath, Phillip John, B.Sc.	1964	Macklin, Laura Muriel Caterer, B.A.	1934
McGregor, Alan Gordon, LL.B.	1962	Macklin, William Charles, M.Sc. (B.Sc., 1952)	1950
McGregor, Alasdair, LL.B.	1963	McLachlan, Margaret Elizabeth, LL.B.	1959
McGregor, Gordon Thompson, B.A.	1950	McLarty, Gwendoline, M.B., B.S.	1961
McGuire, Anthony, B.A.	1955	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	1947
McNeill, John Edward Lewis, B.Sc.	1948	McLarty, William, M.B., B.S.	1961
Machin, George Herbert, B.E.	1934	McLaughlin, Eric Enstone, LL.B.	1935
Machlin, Simon, M.B., B.S.	1952	McLaughlin, Eugene, M.B., B.S.	1922
McHugh, Edward Charles, LL.B.	1948	McLaughlin, Ian Leonard, Ph.D. (B.Sc., 1960)	1966
McHugh, Graham Albert Charles, B.Sc. B.Ec.	1961	McLaughlin, Moira Clare, B.Sc.	1957
McInerney, Brian Thomas, B.Tech.	1959	McLay, Andrew Harold, B.A.	1953
McInerney, Thomas John, B.Sc.	1949	McLean, Albert Eric, M.A. (B.A., 1923)	1931
McInerney, Thomas Taylor, LL.B.	1939	McLean, Alexander John, B.E.	1961
McInnes, Douglas Bruce, B.E.	1966	McLean, Dorothy Alice, B.A.	1927
McInnes, Ian Donald, B.D.S.	1957	McLean, Ian Weymouth, B.Sc.	1952
McIntosh, Andrew Lochiel, B.E.	1962	McLean, Lancelot Henry Archibald, B.E.	1960
McIntosh, David Cameron, B.Tech.	1965	McLean, Murray Colin, B.A.	1949
McIntosh, Gerald Alexander, M.B., B.S.	1944	McLean, Reginald Alexander, B.A.	1932
McIntosh, Howie James, B.E.	1927	McLean, Sibley Jean, M.Sc. (B.Sc., 1945)	1951
McIntosh, Ian, M.B., B.S.	1964	McLeay, Colin James, M.B., B.S.	1956
McIntosh, Neil Adair, M.B., B.S.	1963	McLeay, Donald Alexander Ross, B.Arch.	1965
Macintosh, Ronald MacKenzie, M.B., B.S.	1941	McLeay, Donald Barton, M.B., B.S.	1947
McIntyre, Robert Ian, B.Sc.	1965	McLeay, Helen Mary, B.A.	1950
McIvor, Lenore Claire, B.Sc.	1966	McLennan, Heather Margaret, B.Sc.	1958
Mack, Allan John, B.Tech.	1964	McLennan, James Sydney Kilcoy, LL.B.	1908
Mack, Douglas Urban Gilbert, B.A.	1940	McLeod, Allan John, B.Sc.	1939
Mack, Judith Betty, B.A.	1966	McLeod, Douglas Burton, LL.B.	1952
McKail (nee Boyer), Gertrude Mary, B.A.	1912	McLeod, Janet Gertrude, B.A.	1963
Mackail, John William, LL.D. (Edinburgh)	1923	McLeod, John Kenneth Allister, B.E.	1960
Mackaness, George Bellamy, M.B., B.S. (Sydney, 1945)	1964	McLeod, Peter John, B.Ec.	1963
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924	McLoughlin, Carmel, B.A.	1962
McKay, Barry Vincent, B.Tech.	1964	McLoughlin, Vincent Patrick, B.A.	1949
McKay, Brian John, B.E.	1961	McMahon, Francis, B.A.	1962
McKay, Charles Anthony, LL.B.	1966	McMahon, Francis Leslie, B.Ec.	1951
McKay, David James, B.Sc.	1964	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
McKay, Douglas Gordon, M.B., B.S.	1927	McManus, John Bernard, M.Sc. (B.Sc., 1954)	1965
McKay, Gordon Charles, M.B., B.S.	1961	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
Mackay, Heather Margaret, Mus.Bac.	1964	McMichael, Kenneth Price, B.E.	1950
Mackay, Malcolm George, B.A.	1947	McMillan, Barry Frederick, B.Ec.	1962
McKay, Malcolm William, B.A.	1936	McMillan, James William, M.B., B.S.	1952
McKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	1938	McMillan, Raymond, B.E.	1949
McKay, Maureen Gordon, B.Sc.	1949	McMillan, Stanley Lyall, B.Sc.	1949
McKay, Ronald George MacAlpine, M.B., B.S.	1941	McMutrie, Alan Ian, B.A.	1959
Mackay, Samuel Angus, B.Sc.	1921	McMutrie, Ian Hugh, B.Sc.	1958
McKay, William Alfred, M.A.	1937	McMutrie, Peter Roderick, M.B., B.S.	1966
McKechnie, Alan Francis Clark, B.E.	1924	McMutrie, Winifred Joan, B.A.	1935
McKechnie, Elizabeth Lawson, B.A.	1926	McNally, John Neilson, M.Sc. (B.Sc., 1953)	1963
McKechnie, Jennifer Anne, B.Sc.	1965	McNally, Marie Carmel, B.A.	1961
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	McNamara, Agnes, B.A.	1937
McKee, William Dennis, B.Sc.	1965		
McKellar, John Ralph, Ph.D. (B.Sc., 1924)	1964		

* Deceased

McNeil, Ian (formerly John), M.B., B.S.	1918	Magor, Ruth Errington, B.A.	1965
McNeil, Philippa Florence, B.A.	1952	Magor, William Alwyn Roy, B.A.	1963
McNeil, Roderick, B.Ec.	1964	Maguire, Catherine Rose, B.A.	1965
McNicol, David Williamson, B.A.	1937	Maguire, John Charles, B.A.	1941
McNicol, Donald, B.A.	1964	Maguire, Maurice Glen, M.B., B.S.	1953
McNicol, John Howard, B.Sc.	1953	Magzoub, Mohammed Ahmed, M.Sc.	1964
McNicol, Nicol Alexander, B.Ag.Sc.	1963	Mahar, Alan Dalton, B.A.	1966
Maconochie, John Richard, B.Sc.	1964	Maher, John George, LL.B.	1958
McPharlin, Alison Tudor, B.A.	1952	Mai, Francois Marie Martin, M.B., B.S. (M.B., Ch.B., Capetown, 1957)	1965
McPharlin, Deane, B.Sc.	1945	Maiden, Leslie Carrington, B.D.S.	1924
McPharlin, Jeffrey, B.Tech.	1961	Maidment, Sydney Gordon, LL.B.	1962
McPheat, Ian William, B.E.	1957	Main, Arthur Charles, B.E.	1926
McPheat, Leslie John, B.E.	1957	Main, James Millar, B.A. (Melbourne, 1944)	1966
McPhee, Brian, B.Ec.	1959	Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959
McPhee, Wendy Jean, B.A.	1960	Mair, Robert Ian, B.Sc.	1964
McPherson, Alexander Owen, B.Sc.	1926	Maitland, Ian Boyd Gibb, B.E.	1963
M.A. (B.A., 1931)	1933	Maitland, James Angus, LL.B.	1932
Macpherson, John Duncan, B.Tech.	1964	Major, David John, B.Tech.	1963
McPherson, John Ian, B.Tech.	1962	Major, John Thornton, B.Tech.	1962
McPherson, John Roger, B.A.	1965	Major, Robert Bradshaw, B.Sc.	1964
McPherson, Margaret Helen, B.A.	1951	Mak, Kai Tye, B.E.	1957
McPherson, Mary, B.A.	1947	*Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906
Macpherson, Reginald Murray, B.A.	1947	Mallan, James Michael, B.D.S.	1927
McPherson, Robert Keith, B.Arch.	1963	Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958
Macpherson, Shirley Helen, B.A.	1945	Mallen, Sir Leonard Ross, M.B., B.S.	1925
McPhie, Jean Elsbeth, B.Sc.	1945	Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957	Malone, Bruce Edward Frederick, B.Tech.	1959
McQuade, Joseph Aloysius, M.B., B.S.	1956	Malone, Kathleen Mary, B.Ec.	1966
McQueen, George Hugh, M.B., B.S. (Mel- bourne)	1947	Maloney, Joan, B.A.	1951
McRae, Colin James, B.Tech.	1962	Maloney, Margaret Joan, B.Sc.	1962
McRae, Donald Ian, B.E.	1966	Maloney, Martin James, B.E.	1928
McRae, Robert Alexander, LL.B.	1964	Maloney, Vernon Thomas Steven, B.Sc.	1929
McRae, Terence Michael, LL.B.	1962	Manap, Abdul bin Ahmad, B.Sc.	1963
McRobert, Helen Angus, M.B., B.S.	1949	*Mander, Linden Alfred, M.A. (B.A., 1917)	1920
MacSkimming, Walt Ronald Auscott, B.A.	1950	Mander, Suzanne Flora, B.Sc.	1949
McWaters, Ian Donald, B.Sc.	1963	Manea, Ernest Cosmo, M.B., B.S.	1949
McWhae, Douglas Hope, M.B., B.S.	1945	Manea, Spero, M.B., B.S.	1952
Maddeford, Sheila Lamont, LL.B.	1927	Manassis, Peter Christopher, M.B., B.S.	1952
Madern, Cecil Pomeroy, B.D.S.	1951	Mangan, John Arthur, LL.B.	1957
Madern, John Pearce, M.S. (M.B., B.S., 1948)	1966	Manhood, Cleve Charles, B.A.	1962
*Madern, Martin Randall Foss, B.A.	1937	Mann, Airdrie Jean, B.A.	1958
Madern, Max Wilfred, B.Sc.	1953	Mann, Edward Thomas, B.E.	1953
M.B., B.S.	1960	Mann, Gertrude Irene, B.A.	1919
Mader, Merryl Kay, B.Sc.	1963	Mann, William Eric, M.B., B.S.	1958
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	Mannam, John, Ph.D. (Birmingham, 1955)	1960
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	Mannes, Sylvester Joseph, B.A.	1938
Madigan, David Cecil, B.Sc.	1937	Mannik, Ado, B.A.	1966
Madigan, Dorothy Honora, B.A.	1962	Manning, Kathleen Anne, M.B., B.S.	1958
Madigan, James Francis, B.E.	1952	Manoel, Eva Mary, B.A.	1938
Madigan, Michael Roebourne, M.B., B.S. B.Sc.	1952	Manos, Nick Stan, LL.B.	1962
Madigan, Paul Edward, LL.B.	1922	Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949)	1960
Madigan, Russel Tullie, M.E.	1957	Manser, William Lloyd, B.A.	1962
LL.B.	1960	Mansfield, Eric William, B.E.	1950
Madison, Thomas Glover, M.B., B.S.	1946	Mansfield, Joseph John, M.B., B.S.	1962
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	Mansfield, Richard Charles, B.A.	1966
D.Sc.	1907	Mansfield, William Walladge, B.Sc.	1943
Maegraith, Brian Gilmore, M.B., B.S.	1930	Manson, James Ian, M.B., B.S.	1958
Maelzer, Derek Alan, Ph.D.	1958	Manson, Jillian Mary, B.A.	1960
Maerschel, Barbara, B.A.	1951	Manthey, Peter William, B.Tech.	1964
Maerschel, Richard John, B.Sc.	1965	Manthorpe, Thomas Dion, M.B., B.S.	1951
Magarey, Alexander Roy, M.B., B.S.	1941	Manuel, Deane James Hubert, B.Ec. B.A.	1950
*Magarey, Ashley Henderson, LL.B. M.B., B.S.	1938	Manuel, James Douglas, B.A.	1944
1940	1948	Manuel, Josephine Gertrude Kamala, M.B., B.S.	1960
Magarey, Brian Attiwill, LL.B.	1948	Manuel, Peter James, B.A.	1966
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	March, Neil Carter, B.Tech.	1962
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Marcus, Eva Bessie, Mus.Bac.	1960
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	B.A.	1961
Magarey, Katherine Ashley, B.Sc.	1949	Marcus, Irving, M.B., B.S.	1951
Magarey, Kathleen de Brett, B.A. B.Sc.	1921	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
1932	1932	Marinkovich, Nevin John, M.B., B.S.	1958
Magarey, Kevin Barry, B.A.	1950	Marinos, Nicos George, Ph.D.	1958
Magarey, Paul Robertson, B.E.	1952	Marinov, Nevena, B.D.S.	1962
Magarey, Robert Richmond, M.B., B.S.	1951	Marker, William Herman, B.E.	1949
Magarey, Rupert Eric, M.B., B.S.	1904	Markey, Gregory Barton, M.B., B.S.	1953
Magarey, Susan Margaret, B.A.	1965	Markham, Neville Lawrence, B.Sc.	1952
Magasdi, Creston Ivan, M.B., B.S.	1962	Marks, Donald Adrian, B.Ec.	1962
Magor, Clifford James, M.A. (B.A., 1927)	1932	Marks, Bernadette Joan, B.Sc.	1960
Magor, Irvine Frank, B.A.	1938	Marks, Monica Mary, B.A.	1956
Magor, Margaret Elizabeth, B.A.	1955	Marks, Patricia Jean, B.A.	1966
Magor, Roger James, B.Sc.	1966	Marlow, Alfred Dudley Roy, B.Sc.	1938
		Marlow, Christopher Roy, B.Sc.	1965
		Marlow, Geoffrey O'Halloran, B.E.	1965

* Deceased

Marlow, Robert Buxton, B.Sc.	1966	Martinkus, Sigitas, M.B., B.S.	1961
Marnion, Robert James, B.Sc.	1918	Marzo, Leo Alfred, M.B., B.S.	1957
Maros, Michael, B.Arch.	1966	Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947
Marrett, Robin Allan, B.E.	1963	Mashford, Maurice Laurence, M.B., B.S. (Sydney, 1953)	1964
Marriage, Allan John, M.Sc.	1965	Mason, Grant Lewis, B.E.	1955
Marriner, Frank Wilfred, B.Sc.	1949	Mason, Bruce, B.Sc.	1938
Marrriott, John Edward, B.D.S.	1951	Mason, Edith Kathleen Lillian, B.Sc.	1959
Marrriott, Peter Frederick, M.B., B.S.	1965	Mason, Edward John Thomas, B.Sc.	1960
Marrriott, Valmai Dawn, B.A.	1959	Mason, Ian Bruce, B.Sc.	1962
Marsden, Julia Meredith, B.A.	1965	Mason, Malcolm Geoffrey, B.Sc.	1965
Marsh, Charles William, B.E.	1950	Mason, Neil, B.A.	1965
Marsh, John Albert, B.Sc.	1952	Mason, Robert Claud, B.Sc.	1951
Marsh, Judith Irene, B.Sc.	1958	Massey-Westrop, Ralph Alan, Ph.D. (Manchester, 1958)	1962
Marsh, William Clarence, B.A.	1966	Masters, Bernard Lincoln, B.A.	1959
Marshall, Allan George, B.Tech.	1959	Masters, Marjorie, B.A.	1945
Marshall, Annie, M.Sc. (Melbourne, 1930)	1954	Masters, Ross Lincoln, B.Sc.	1924
Marshall, Ashley, LL.B.	1965	Materne, Desmond Eric, B.A.	1956
Marshall, David John, M.B., B.S.	1965	Materne, Maurice Ernest, M.B., B.S.	1956
Marshall, Herbert Edmund, B.A.	1940	Materne (nee Kohlhagen), Myra Audrey, B.Sc.	1955
Marshall, Janette Ruth Watson, M.B., B.S.	1953	Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942)	1944
Marshall, Jennifer Ann, B.Sc.	1963	Mathers, Roger Barry, B.Sc.	1966
Marshall, John, LL.B.	1962	Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Marshall, Keith Douglas, LL.B.	1965	Matheson, Pamela, B.Sc.	1949
Marshall, Lyle Gordon, B.E.	1956	Matheson, Roderick Grant, LL.B.	1952
Marshall, Marilyn Gray, B.A.	1965	Matheson, William Edmund, B.Ag.Sc.	1953
Marshall, Nicholas James, B.Sc.	1961	Mathews, Coran Grant, B.E.	1965
Marshall, Robert James, B.A.	1966	Mathews, David Stanley, B.Sc. (B.A.)	1938
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929)	1933	Mathews, John Hugh, B.Sc.	1962
M.Ag.Sc.	1933	Mathews, Kenneth Elliott, B.E.	1953
Marshall, Willis Raymond, M.B., B.S.	1965	Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950)	1953
Marshman, Ashley Mead, B.A.	1936	Mathias, Brian Morgan, B.E.	1952
Marshman, Wesley Melvyn Tiller, B.D.S.	1924	Mathison, Marjorie Jean, Ph.D. (Cambridge, 1950)	1954
Marston, Colin Frederick, B.E.	1951	Mathison, Murray John, B.Ag.Sc.	1960
*Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959	Matingal, Boniface Poinon, B.A.	1966
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913	Matison, David Michael, M.B., B.S.	1966
Martens, Judith Suzanne, B.Sc.	1964	Matousek, Vladislav, M.B., B.S.	1961
Martin, Alfred Irwin, B.E.	1928	Matters, Horace John, B.A.	1950
Martin, Alfred William, B.A.	1950	Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929
Martin, Allan Richard, B.Tech.	1966	M.S.	1935
Martin, Allan William, Ph.D. (A.N.U., 1956)	1965	Matthew, Evelyn Maime, B.Sc.	1957
Martin, Amalia Anna, B.A.	1930	Matthew, Ian George, Ph.D. (B.E., 1956)	1960
Martin, Arthur Bruce, M.B., B.S.	1956	B.Sc.	1954
Martin, Barry Wayne, B.Tech.	1961	Matthew, Peter Wayne, B.E.	1966
Martin, Bernice Wilma, B.A.	1945	Matthews, Brian Wesley, Ph.D. (B.Sc., 1959)	1964
Martin, Beryl Claire, B.A.	1952	Matthews, Gladys Mary Palmer, LL.B.	1935
Martin, Bruce Bamford, B.Sc.	1957	Matthews, Harold Pfaum, B.E.	1927
M.B., B.S.	1963	Matthews, Lindsay Valentine, B.Ag.Sc.	1966
Martin, Bruce Peter, B.E.	1954	Matthews, Maurice John, M.B., B.S.	1944
Martin, Charles Burton, B.A. (Boston, 1948)	1954	Matthews, Richard Clive, M.B., B.S.	1963
Martin, Sir Charles James, D.Sc. (London, 1896)	1931	Matthews, Richard Trahair, B.A.	1941
Martin, David Elwes, B.E.	1947	Matthews, Robert Stephen, B.Sc.	1948
Martin, David Montgomerie, B.Sc. (Eng.)	1945	Matthews, Terry Alan, B.Sc.	1964
Martin, David Keith, B.Sc.	1962	Mattingley, Brian John, B.A. (Tasmania, 1937)	1938
Martin, Donald Leslie, B.E.	1956	Mattinson, William Edward John, B.E.	1963
Martin, Frederick Clarence, M.A. (B.A., 1927)	1932	Mattiske, David Donald, B.E.	1961
Martin, George Stanley, B.A.	1966	Mattner, Aubrey Laurence, B.Sc.	1962
Martin, Graeme Lewis, B.E.	1963	Mattner, Charles Prince, M.B., B.S.	1960
Martin, Helene Alice, M.Sc. (B.Sc., 1954)	1961	Mattner, Ivy Ida, B.A.	1948
Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952	Mattner, Philip Edward, B.Ag.Sc.	1949
Martin, Ian Scott, B.Ec.	1962	Mattner, Richard Hocking, B.E.	1952
Martin, Jeanne Mary, B.A.	1953	Mattschoss, Dennis Eugene, B.Ec.	1964
Martin, John Claude, LL.B.	1905	Matulich, Ross Noel, LL.B.	1950
Martin, John Gerald, B.E.	1955	Matz, Leonard Raymond, M.B., B.S.	1958
Martin, John Ralph, M.B., B.S.	1965	Mauger, Alan Harris, M.B., B.S.	1955
Martin, John Trevor, M.B., B.S.	1962	Mawby, Olga Gates, B.A.	1922
Martin, John William, B.A.	1964	Mawson, Jessica Quita, B.Sc.	1939
Martin, Kathleen Frances, B.A.	1965	Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936)	1938
Martin, Keith George, B.Sc.	1952	Maxwell, George Morrison, M.D. (Edinburgh, 1954)	1960
Martin, Leslie James, B.Ec.	1960	Maxwell, John Roslyn, M.B., B.S.	1965
Martin, Leslie Meredith, B.A.	1961	May, Brian Kenneth, B.Sc.	1966
Martin, Lincoln William, M.B., B.S.	1931	May, Dorothy Mary, B.A.	1938
Martin, Maurice Leon, B.Sc.	1945	May, Elizabeth Ann, B.Sc.	1962
B.A.	1954	May, Ernest John, B.A.	1961
Martin, Melville, B.Ec.	1961	May, Geoffrey Ernest, B.Ec.	1957
Martin, Michael Rex, M.B., B.S.	1963	May, James Richard, B.E.	1958
Martin, Patrick Lawrence, B.D.S.	1954		
Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	1957		
Martin, Ralph Keith, B.A.	1947		
Martin, Stanley Bamford, M.B., B.S.	1946		
Martin, Terence Edwin, B.Sc.	1962		
Martin, Trevor Wallis, B.D.S.	1950		
Martin, Walter Raymond, B.A.	1938		
*Martin, William Thomas, B.A.	1914		

* Deceased

May, John Arthur, B.Sc.	1964	Meredith, Peter, M.A. (Oxford, 1953)	1963
May, John Colwyn, M.B., B.S.	1958	Merity, John Patrick, LL.B.	1952
May, John Wilhelm, M.Sc. (B.Sc., 1952)	1956	Merrett, James Laurence, B.Sc.	1949
May, Kevin Ronald, B.E.	1962	Mertin, Jack Victor, B.Ag.Sc.	1944
*May, Lancelot Harris, B.Sc.	1949	Messell, Harry, Ph.D. (National University, Ireland)	1952
May, Leonard Seymour, B.Sc.	1926	Messenger, Malcolm James, Ph.D. (B.E., 1960)	1966
May, Robert Leonard, B.Sc.	1966	Messent, Esther Mary, B.A.	1928
May, Rollland George, Mus.Bac.	1949	Messent, Keith Santo, B.E.	1920
May, William James, B.A.	1965	Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918)	1923
Mayer, Rolph William, B.A.	1904	Messent, Philip William Santo, M.B., B.S.	1954
Mayfield, Brenton John, B.Tech.	1961	Messner, Gwenda Mary, B.A.	1965
Mayfield, John Maxwell, B.Sc.	1958	Mestrov, Thomas John, M.B., B.S.	1959
Mayfield, Philip, B.A.	1959	Mestrov, Francis, B.E.	1963
Mayfield, Robert John, B.Sc.	1965	Metchnik, Victor Ivor, Ph.D.	1963
Mayman, Judith Leslie, B.A.	1965	Metra, Ieva, M.B., B.S.	1966
Maynard, Donald Archer Scott, B.Sc. B.A.	1938 1945	Mewett, Darryl Richard, B.Tech.	1965
Maynard, Robert Keith, B.Sc.	1961	Meyer, Carl Hugh Alexander, B.Med.Sc. M.B., B.S.	1963 1966
Mayne, Frederick, Ph.D. (Witwatersrand, 1961)	1962	Meyer, Heinrich Carl, B.Sc.	1932
Mayne, Robert John Bruce, M.A. (New Zealand, 1926)	1937	Meyer, Richard Leo, B.A.	1953
Mayo, Clarice Elton, B.A.	1935	Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953)	1957 1951
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945)	1957	Michael, Maxwell Roy, B.E.	1951
Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926	Michael, Peter William, Ph.D. (B.Ag.Sc., 1951)	1959
Mayo, Sir Herbert, LL.B.	1909	Michell, Charles Francis, M.B., B.S.	1921
Mayo, John, B.A.	1963	Michell, Meredith June, B.A.	1958
*Mayo, Mary Penelope, M.A.	1937	Michell, Mignon Norma Howard, B.A.	1944
Mayo, Oliver, B.Sc.	1964	Michelmores, Christopher John, B.E.	1964
Mazzei, Michael David, B.Tech.	1966	Michelmores, Walter Maxfield, B.Sc.	1941
Mead, Anthony Irwin, M.B., B.S.	1964	Mickan, Bruce Valentine, B.Ec.	1959
Mead, Dorothy, B.A.	1927	Mickan, Erwin Laurence, B.Sc.	1956
Mead, John William, B.Ec.	1950	Mickan, John Herbert, M.B., B.S.	1952
Mead, Marjory, B.A.	1933	Middenway, Ralph, B.A. (Sydney, 1958)	1966
Mead, Peter Robert, B.Tech.	1962	Middleton, Melville John William, B.A.	1941
Meadows, Arthur Wilkes, Ph.D. (London, 1951)	1955	Middleton, William Thomas Sterle, B.Sc.	1947
Meaker, Arthur Reginald, B.A.	1940	Mierisch, Robert Johnston, M.E. (B.E., 1954)	1957
Meakin, Christopher Paul, B.Sc.	1965	*Miethke, Adelaide Laetitia, B.A.	1924
Meaney, Maxwell Francis, B.Sc.	1950	Mihailovitch, Mira, B.A.	1962
Meaney, Neville Kingsley, M.A. (B.A., 1955)	1956	Mikuzis, Aldona, M.B., B.S.	1966
Meaday, Ellen May, B.A.	1940	Mikuzis, Jonas, M.B., B.S.	1954
Meadsday, Jack William, B.E. B.Ec.	1948 1962	Milazzo, Clare Ceceilia, 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
Medwell, John Gordon, B.A.	1952	Mildren, Mary Louise, B.A.	1955
Meiers, John Maurus, B.A.	1937	Mildren, Michael John, B.E.	1959
Meija, Juris Sigurds, B.E.	1962	Milencewicz, Witalius, M.B., B.S.	1959
Melbourne, Henry Eoin Sydney, B.E.	1920	Miles, John Arthur Reginald, M.D. (Cambridge, 1951)	1953
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	Miles, 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	Millard, Colin, B.Ec.	1950
Melhuish, Jillian Kay, B.Sc.	1966	Millard, Diane Lesley, B.Sc.	1963
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951	Millard, Susan Helen, B.Sc.	1963
Mellor, Geoffrey Lloyd, M.B., B.S.	1947	Miller, Annie Rose, B.A.	1934
Mellows, Peter Ernest, M.B., B.S.	1947	Miller, Beryl Jessica, B.A. (Tasmania-1923)	1924
Mellowship, John Haslet, B.A.	1961	Miller, Colin David John, B.Med.Sc. M.B., B.S.	1961 1963
Melville, James, Ph.D. (London, 1934)	1956	Miller, Crystal, B.Sc.	1966
Melville, John Howard, LL.B.	1959	Miller, Edward Paul, B.E.	1964
Melville, Susan, B.A.	1963	Miller, Ian Charles, M.B., B.S.	1958
Melvin, Geoffrey Ronald, M.B., B.S.	1954	Miller, Ian Lindemann, M.B., B.S.	1938
Melvin, Maxwell Victor, B.A.	1958	Miller, Ian Robert Wyndham, B.Arch.	1965
Menadue, John Laurence, B.Ec.	1956	Miller, James William Haigh, B.Ec.	1960
Mencel, Anton Joseph, B.Tech.	1964	Miller, John Keetley, M.B., B.S.	1955
Menear, Ira, B.A. B.Ec.	1927 1955	Miller, John Milton, M.B., B.S.	1957
Menear, Yvonne, M.B., B.S.	1957	Miller, John Stephen Corfield, M.A. (Cambridge, 1942)	1963
Menz, Emmi Margarete, B.A.	1932	Miller, Joseph Brendan, B.E.	1951
Menz, Trevor Howard, B.Tech.	1966	Miller, Justin Herbert, M.B., B.S.	1954
Menz, William John, B.Ec.	1948	*Miller, Leslie Gordon, M.B., B.S.	1949
Menzies, The Rt. Hon. Robert Gordon, C.H., Q.C., M.P., LL.D. (Melbourne)	1961	Miller, Malcolm William, M.B., B.S.	1932
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Miller, Margaret Rose, B.D.S.	1966
Mercer, Donald James, B.E.	1957	Miller, Margaret Una, B.A.	1928
Mercer, Edgar Howard, D.Sc. (B.Sc., 1935)	1960	Miller, Michael Joseph, B.E.	1961
Mercer, Frank Verdun, B.Sc.	1942	Miller, Peter Beresford, B.Ec.	1964
Merchant, David John, Mus.Bac.	1959	Miller, Peter Geoffrey, B.Sc.	1952
		Miller, Raymond Orlando Maurice, B.A.	1905

* Deceased

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
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, Dorothy Nell, B.A. - - - -	1928
Mills, Elliott Whitfield, LL.B. - - - -	1962
Mills, Eric Baxter, B.E. - - - -	1929
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944
Mills, John Murray, 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, 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
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
Minihan, 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
Mioceovich, Leonard Stephen James, M.B., P.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 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, Gail Rosalind, B.Sc. - - - -	1966
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 Ronald, M.B., B.S. - - - -	1963
Mitchell, Robert John, B.Sc. - - - -	1960
Mitchell, Roma Flinders, LL.B. - - - -	1934
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
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
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
Mungan, 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, Denis Edmund, B.Tech. - - - -	1966
Moody, John Masson, B.Ec. - - - -	1966
Moody, Keith, B.Sc. - - - -	1964
Moorecroft, 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
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. - - - -	1956
Moore, Phillip James, LL.B. - - - -	1960
Moore, Phyllis Mary, B.A. - - - -	1909
*Moore, Robert Brian, B.Sc. - - - -	1950
Moore, Robert Clifton, B.A. - - - -	1958
Moore, Robert Walters, M.Ag.Sc. (B.Ag.Sc., 1957) - - - -	1966
Moore, Roberta Frances Leah, M.B., B.S. - - - -	1962
Moore, John Robert, B.Sc. - - - -	1960
Morad, Ahmad Bin, M.B., B.S. - - - -	1954
Moran, Francis Brian, LL.B. - - - -	1948
Moran, John Francis, B.D.S. - - - -	1941
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1947

* Deceased

Morcom, Ross George, B.E.	1955	Moulden, Arnold Meredith, LL.B.	1914
More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947	Moulden, Barbara Meredith, B.A.	1957
Moreland, Jack, M.B., B.S.	1926	Moulden, John Owen, LL.B.	1938
Moreton, Tony, M.B., B.S. (M.B., B.Chir., Cambridge, 1959)	1966	Moulden, Owen Meredith, M.B., B.S.	1910
Moretti, Franco Giacomo, B.E.	1964	Mounster, Valerie Luella, B.A.	1928
Morey, Burnard Spondley, B.Sc.	1950	Mounster, Walter Edward, B.Tech.	1961
Morey, David Ian, B.Sc.	1962	Mount, Anthony Blair, B.Sc.	1958
Morey, Geoffrey Wilson, M.B., B.S.	1926	Mount, Graham Jaunay, B.D.S. (Sydney, 1946)	1962
Morgan, David Archibald Stevenson, M.B., B.S.	1943	Mount, Jonathan, B.E.	1955
Morgan, Edward James Ranembe, LL.B.	1920	Mountford, Charles Percy, M.A.	1964
Morgan, Eric Desmond, B.D.S.	1948	Mountford, Graham Charles, B.Sc.	1963
Morgan, Furness David, Ph.D. (California, 1956)	1959	Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934
Morgan, Garth Alan, B.E.	1963	Mowatt, Anne Margaret, B.Sc.	1962
Morgan, Graham Thomas, B.Ec.	1961	Moxham, Kenneth Ewing, B.E.	1966
Morgan, Grant Maxwell, B.A.	1965	Moyes, John Stoward, M.A. (B.A., 1905)	1907
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953	Moyes, Murton Henry, B.Sc.	1910
Morgan, Lloyd Kenneth, M.B., B.S.	1952	Moyle, Francis James, B.Sc.	1950
Morgan, Owen Brakspear, M.B., B.S.	1952	Moyle, Sidney, M.A. (B.A., 1914)	1917
Morgan, Olven Esther, B.A.	1930	B.Sc.	1926
Morgan, Robert Gwyn, M.B., B.S.	1966	Moyser, Louis Victor, M.B., B.S.	1965
Morgan, William Matheson, B.E.	1930	Moyses, Bertram Ivey, B.E.	1937
Moriarty, David Joseph Wulstan, B.Ag.Sc.	1965	Moyses, Douglas Raymond, B.Tech.	1963
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957)	1961	Mudge, Peter Rowland, M.B., B.S.	1962
Morlet, Geoffrey Claude, M.B., B.S.	1955	Mudge, Margaret, B.A.	1953
Morley, Donald Norman, B.Sc.	1960	Mudie, David, B.E.	1964
Morphett, Anthony Eddy, B.Sc.	1950	Mudie, George Dempster, B.E.	1921
Morphett, Arthur Durieu, M.B. B.S.,	1966	Muecke, David Sunter, M.B., B.S.	1958
Morphett, Ian Rivers, B.Tech.	1960	Muecke, Douglas Colin, B.A.	1948
Morphett, John Neville, B.A.	1955	Muecke, Francis Frederick, M.B., B.S.	1902
Morphett, John Wallace, B.E.	1958	Muecke, Ian Donald, M.A. (B.A., 1955)	1966
Morris, David Franklin, B.Sc.	1955	Muecke, Peter Sunter, B.Sc.	1959
Morris, Denby Lloyd, B.Sc.	1966	Mueller, Dorothy Concordia, B.A.	1953
Morris, Duncan Ross, B.A.	1966	Mueller, Edwin Albert, B.A.	1939
Morris, Hildred Ione, B.A.	1929	Mueller, Geoffrey Leslie, B.Sc.	1961
Morris, John Lennox, B.A.	1949	Mueller, Malcolm Dudley, B.E.	1950
Morris, Kerwin William, B.Sc.	1949	Mueller, Merna Alma, M.B., B.S.	1950
Morris, Lenore, B.Sc.	1950	Mueller, Rae Vernon, B.Sc.	1944
Morris, Lloyd Lewis, M.B., B.S.	1964	Muetzelfeldt, Dorothea, B.A.	1951
Morris, Lyndall Erica, B.A.	1924	Muetzelfeldt, Elfriede Elise, M.A. (B.A., 1937)	1950
Morris, Maxwell Arthur, B.A.	1966	Mugford, David Clark, B.Sc.	1965
Morris, Mervyn Charles, LL.B.	1923	Mugford, Eric Kenwyn, B.A.	1964
Morris, Neville Johnston, M.B., B.S.	1959	*Mugford, Frank Kenneth, M.B., B.S.	1925
Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959	Mugford, Keith, M.B., B.S.	1957
Morris, Peter Carlton, B.A.	1966	Mugford, Lancelot Suckling, B.A.	1945
Morris, Robert William James, B.E.	1962	Mugford, Rex Ernest, B.A.	1944
Morris, Vaughan Lewis Rhys, B.Ec.	1966	Muhammad, Abdul Munim Hassan, B.Ag.Sc.	1952
Morrison, Anna Stirling, B.A.	1963	Muirden, Elizabeth Alice, B.A.	1950
Morrison, Ian Bruce, B.E.	1958	Muirden, Hector Raymond, B.A.	1930
Morrison, John Colin, B.A.	1959	Muirhead, Andrew Mackinnon, B.D.S.	1950
Morrison, Robert Gwydir Booth, B.Sc.	1965	Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1950
Morriss, Elsie, M.A. (B.A., 1928)	1931	Muirhead, James Henry, LL.B.	1950
Morriss, Robert William, B.E.	1966	*Muirhead, Leonard Graeme, M.B., B.S.	1911
Morrissy, Noel Michael, B.Sc.	1962	*Muirhead, Mortimer John Croft, M.B., B.S.	1949
Morrow, Richard, B.Sc.	1965	Muizulis, Voldemars, B.E.	1951
Mortess, Ian Richard, M.B., B.S.	1958	Mulcahy, Dennis Estcourt, B.Sc.	1962
Mortimer, Arthur William Blake, B.A.	1966	Mules, Betty Lavina, B.A.	1945
Mortimer, Isabel Inkster, M.B., B.S.	1955	Mules, Glen Ronald John, B.Sc.	1963
Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957)	1961	Mules, Trevor John, B.Ec.	1965
Morton, Christopher Gordon, B.E.	1924	Muljadi, Djojmartono, Ph.D. (B.Ag.Sc., 1960)	1965
Morton, Donald James, B.Sc.	1956	Muljadi, Djojmartono, B.Ag.Sc.	1960
Morton, John Robert, M.B., B.S.	1966	Mullan, Barry James, B.E.	1961
Morton, Julia, B.A.	1963	Mullen, Brian Anthony, LL.B.	1935
Morton, Robert Douglas, B.Sc.	1965	Muller, Hans Konrad, B.Med.Sc. M.B., B.S.	1963
*Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959	Muller, Peter Neil, B.E.	1949
Morton, Robert Kitchener, B.E.	1963	Mullins, Francis Joseph, B.E.	1956
Mosel, Ian Robert, B.Sc.	1964	Mullins, Iris Lenore, B.Sc.	1965
Mosel, John Robert, B.Tech.	1964	Mullins, Margaret Anne, Mus.Bac.	1959
Moseley, Graham Edward, B.E.	1962	Mulvihill, Edward John, B.A.	1958
Moses, Margaret Veronica, B.A.	1963	Mullner, Judith Anne, B.Sc.	1953
Moss, Colin Lance, B.A.	1939	Mumme, Ivan Albert, B.Sc.	1949
Moss, Malcolm, B.E.	1963	Mumme, William Gustav, Ph.D. (B.Sc., 1956, M.Sc., 1959)	1964
Moss, Rodney Clare, M.B., B.S.	1954	Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Moten, Brian Leslie, B.E.	1953	Munday, Malcolm Joseph, B.D.S.	1953
Moten, Christopher Murray, M.B., B.S.	1965	Munday, Neill Horace, M.B., B.S.	1924
Moten, John Michael, B.Sc.	1955	Munday, Robert Neill, M.B., B.S.	1955
Moten, Kathleen Margaret, M.B., B.S.	1957	Mundy, Barry John, B.Sc.	1965
Motteram, Philip, B.E.	1914	Mundy, Kevin Arnold, B.A.	1936
Motteram, Reginald, B.Sc.	1934	Mune, Marie Elizabeth, M.A. (B.A., 1953)	1962
M.B., B.S.	1939	Munn, Bertha Helen Temple, B.A.	1917
		Munn, Jeffrey Lewis, B.Sc.	1965

* Deceased

Munn, Sydney Morris, B.A.	1940	Nankervis, Nerissa Glenda, B.Sc.	1963
Munro, Barbara Joan, B.A.	1951	Nankivell, Joseph Frank, B.Sc.	1945
Munro, David Ross, M.B., B.S.	1965	Nankivell, Maxine Vera, B.A.	1945
Munro, Ian Alexander, B.Sc.	1949	Nankivell, Shirley Dawn, M.B., B.S.	1953
Munyard, Adrian John, M.B., B.S.	1965	Nankivell, William Field, B.Ag.Sc.	1950
Murchland, John Byrne, M.B., B.S.	1954	Napier, Bruce, B.D.S.	1949
Murdoch, Bronwen, B.A.	1950	Napier, John Langmuir, B.Tech.	1966
Murdoch, Robert Bruce, B.E.	1957	Napier, Ian Murray, M.Sc. (B.Sc., 1957)	1960
Murdoch, Robert Ian, M.B., B.S.	1966	Napier, Sir Thomas John Mellis, LL.D. (LL.B., 1902)	1959
Mum, Vincent Alan, B.E.	1941	Narcisse, Khoem, B.A.	1963
Murphy, Deirdre Mary, B.A.	1965	Nash, Leslie Malcolm, B.Tech.	1959
Murphy, Evangeline, B.A.	1907	Nash, Philip Llewellyn, M.B., B.S.	1958
Murphy, John Frederick, B.Arch.	1964	Natar, George, M.B., B.S.	1964
Murphy, Laurence Frederick, B.A.	1966	Natar, Mary Ruth, B.A.	1966
Murphy, Margaret Jane, B.A.	1947	Nath, Jagdishwar, M.Ag.Sc.	1959
Murphy, Marjorie Rose, B.A.	1956	Naughtin, Patrick Chanel, M.A. (B.A., 1949)	1956
Murphy, Mary, B.A.	1933	Naulty, Reginald Anthony, B.A.	1965
Murphy, Noel Julian, B.Tech.	1961	Navay, Louis, B.Tech.	1965
Murphy, Peter Raymond, B.Sc. (Eng.)	1943	Nayda, Mervin Lawrence, B.Tech.	1958
Murphy (nee Glynn), Shylie Patricia, B.A.	1942	Naylor, John Colenso, LL.B.	1923
Murphy, Thomas Roy, M.Sc.	1957	Naylor, Margaret Mary Jessie Darnley, B.A.	1920
Murphy, Wayne Theodore, B.Tech.	1964	Naylor, Robert, Ph.D.	1964
Murphy, William Hugh, B.Sc.	1955	Naylor, Rupert Leslie, M.B., B.S.	1924
Murray, Andrew Walter, Ph.D. (B.Ag.Sc., 1961)	1965	Neal, Henry George Milton, B.E.	1963
Murray, Donald Bruce Seymour, M.B., B.S.	1953	Neal, Laurie Frederick, B.A. (London, 1935)	1960
Murray, Eric Lionel, Ph.D. (B.Sc., 1953)	1962	Neale, Arthur, M.B., B.S.	1952
Murray, Gordon Seymour, M.B., B.S.	1944	Neale, Nancy Gwennyth, M.Sc. (B.Sc., 1942)	1945
Murray, Ian James Douglas, B.E.	1960	Neale, Shirley Margaret, B.Sc.	1946
Murray, Ian Peter, B.Sc.	1959	Neck, Maurice Allan, B.E.	1950
Murray, John Dunmore, B.E.	1953	Neely, Mary Boyd Woodburn, B.A.	1953
Murray, John McKenzie, B.Tech.	1958	Neely, Mervyn George, M.B., B.S.	1957
Murray, Keith Douglas, M.B., B.S. (Sydney, 1953)	1961	Neighbour, Keith, B.E.	1952
Murray, Lyndon George, M.B., B.S.	1961	Nelligan, Joseph William, LL.B.	1921
Murray, Noel William, B.E.	1950	Nelson, Archibald John Alexander, B.A.	1938
Murray, Philomena Mary, B.A.	1934	Nelson, Christopher Eastick, B.Sc.	1965
Murrell, Helen Calvert, B.Sc.	1949	Nelson, Cynthia, B.A.	1945
M.B., B.S.	1955	Nelson, Douglas Clyde, B.Sc.	1964
Murrell, Timothy George Calvert, M.D. (M.B., B.S., 1959)	1966	Nelson, James Angus, B.E.	1949
Murrie, Elizabeth Leroy, B.A.	1964	Nelson, Peter John, Ph.D. (B.Sc., 1960)	1964
Murton, Dennis John, B.Sc.	1964	Nelson, William Barton, B.E.	1924
Musman, Roma Josephine, B.A.	1943	Neinke, Robert Leonard, B.E.	1955
Mussared, Graham William, M.B., B.S.	1964	Nerlich, Graham Charles, M.A. (B.A., 1955)	1957
Mussared, Peter Llewellyn, B.E.	1955	Nesbitt, Robert William, Ph.D. (Durham, 1961)	1962
Mussared, Shirley Ann, B.A.	1966	Nettle, Richard William, B.E.	1941
Muttiah, Ranece Mildred Thangamalar, B.Sc.	1965	Nettle, Robert James, M.B., B.S.	1958
Mutton, Henry Edwin Howard, M.A. (B.A., 1918)	1922	Nettlebeck, Colin William, B.A.	1960
Mutton, Howard James Charles, B.A.	1954	Nettlebeck, David Clive, B.A.	1960
Mutze, George Friedrich, M.B., B.S.	1952	Neuling, Herman James, B.E.	1937
Mychajlyszyn, Jaroslav, B.E.	1956	Neuling, Raymond James, B.E.	1966
Myers, Allan Arthur, M.B., B.S.	1963	Neuenkirchen, George Murray, B.E.	1947
Myers, Arthur Mervyn, M.B., B.S.	1933	Neuenkirchen, John Basil, B.E.	1953
Myers, Jeanice Elizabeth, B.A.	1964	Neumann, Janusz Marian Antoni, LL.B.	1966
Myers, Lyndhurst William Arthur, LL.B.	1964	Neumann, Walter David, B.A.	1966
Myhill, Keuben John, B.D.S.	1948	Neville, Bernard William, B.A.	1964
Mykyta, Ludomyr John, M.B., B.S.	1965	Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956)	1959
Myles, Brian George Lloyd, M.B., B.S.	1962	Newbery, Maxwell Charles, B.E.	1954
Mysak, Lawrence Alexander, M.Sc.	1963	Newland, Ben Totham Jervois, M.B., B.S.	1952
		Newland, Sir Henry Simpton, M.S. (M.B., B.S., 1896)	1902
		Newland, Janet Howard, B.A.	1964
		Newland, Malcolm Creswell, M.B., B.S.	1938
		Newland, Nancy Benning, LL.B.	1937
		Newlyn, Thomas Patrick, M.B., B.S.	1966
		Newman, Bernard William, B.Sc.	1934
		Newman, Edgar Harold, LL.B.	1894
		Newman, Jeffrey Howard, B.E.	1957
		Newman, Kenneth Fisher, B.Ec.	1953
		B.A.	1940
		Newman, Lewis Arthur, B.Sc.	1925
		Newman, Ralph Frederic, LL.B.	1945
		Newnham, William Arthur, M.B., B.S.	1946
		Newport, Kevin Bernard, B.Tech.	1966
		Newport, William George B.Tech.	1961
		Newsome, Alan Eric, M.Sc.	1963
		Ng, Ah Kow, M.B., B.S.	1965
		Ng, Andrew Lian Timn, B.A.	1954
		Ng, Boon Gim, M.B., B.S.	1962
		Ng, Boon Keng, M.B., B.S.	1960
		Ng, Hoe Eam, Robert, B.Sc.	1966
		Ng, Robert Lian Wee, M.B., B.S.	1961
		Ng, Woon Kow, B.Tech.	1966
		Ngui, Sui Lin, Paul, B.Sc.	1964
		Nichol, Lawrence Walter, Ph.D. (B.Sc., 1956)	1962

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Nicholas, David James Donald, D.Sc. (London, 1957)	1964
Nicholas, Herbert Ahearn, B.D.S.	1950
Nicholas, Ian James, B.E.	1959
Nicholas, Rowland John, B.A.	1943
Nicholls, Barbara Ruru, B.A.	1941
Nicholls, Christopher William Gordon, LL.B.	1963
Nicholls, Colin Herbert, B.Sc.	1949
Nicholls, Donald Alfred, M.B., B.S.	1945
Nicholls, Edward Maxwell, M.B., B.S.	1949
Nicholls, Eric Pascoe, M.B., B.S.	1956
Nicholls, Henry, B.E.	1938
Nicholls, Jack Montague, M.B., B.S.	1946
Nicholls, James Herschel, M.B., B.S.	1942
Nicholls, Jonathan Kingsley, B.A.	1924
Nicholls, Kelvyn Elmo, M.B., B.S.	1948
Nicholls, Leslie Albert, B.Sc.	1949
Nicholls, Leslie Herbert, B.A.	1893
Nicholls, Leslie Thorncliffe, B.E.	1948
Nicholls, Peter Borden, Ph.D.	1963
Nicholls, Trevor Thomas, M.B., B.S.	1957
Nicholls, Walwynne Arthur, M.B., B.S.	1959
Nichols, Graham Philip, B.Tech.	1960
Nichols, Ian Andrew, B.A.	1951
LL.B.	1953
Nichols, Reginald Clarence, B.Sc.	1945
Nichols, Terence Ivan, B.Sc.	1960
Nichols, Trevor Charles, B.Sc.	1948
Nicholson, Hugh John Gay, B.E.	1916
Nicholson, Ian Lancaster, B.E.	1939
Nichterlein, Frieda Pauline, B.A.	1948
Nickolai, Max Ronald, B.Sc.	1952
Nickolls, Peters Michael, LL.B.	1953
Nicol, Gary John, B.A.	1965
Nicol, Peter Barry, B.A.	1966
Nicolai, Judith Elizabeth, B.A.	1966
Nicoll, Robert Peter, B.Sc.	1964
Nicolson, Alexander John, B.Ag.Sc.	1960
Nicolson, Andrew David, B.Ag.Sc.	1954
Nicolson, Hamish, M.B., B.S.	1962
Nicolson, Leonard Neil, B.Sc.	1966
Nicolson, Murray Thomas, B.Sc.	1945
Niehuus, Jocelyn Mary Harrington, LL.B.	1966
Nield, Alexander Cowell, M.B., B.S.	1956
Nield, Hugh Cowell, LL.B.	1962
Nielsen, Jan, B.Sc.	1965
Nienaber, Blair, B.E.	1953
Nietz, Arno Oscar, B.A.	1951
Nietz, Herbert Walter, M.A. (B.A., 1913)	1918
B.Sc.	1921
Nietz, Ian Arno, B.E.	1954
Nikitins, Helene, B.A.	1963
Nikitins, Margarita, B.Sc.	1963
Nilsson, Carl Sigurd, Ph.D. (B.Sc., 1956)	1965
Nilsson, Neil Alfred, Ph.D. (M.A., 1955; B.A., 1951)	1959
Nilsson, Reginald Hakan, B.Ec.	1944
Ninnes, Alan Herbert, B.Sc.	1957
Ninnes, Arthur Reginald, B.A.	1943
Ninnes, Patricia O'Moore, B.A.	1957
Nitschke, Ian Athol, B.Sc.	1964
Nitschke, John Edwin, B.E.	1949
Nitschke, Marie, B.A.	1965
Nitschke, Peter John, B.Sc.	1962
Nixon, Valerie Colinet, B.A.	1957
Nizamuddin, Mohammed, Ph.D.	1961
Noack, Charles Hugh, M.B., B.S.	1941
Noack, Peter John, B. Tech.	1958
Noall (nee Piercy), Olive Edriss, B.A.	1935
Nobbs, Jack McKay, M.Sc. (B.Sc., 1944)	1951
Nobbs, William David, LL.B.	1949
Nobes, Edith Dorothy, B.Sc.	1921
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Noble, Elaine Kay, B.Sc.	1958
Noble, Geoffrey Robert, LL.B.	1958
Noble, George Grant, LL.B.	1937
Noblet, Michael Anthony, LL.B.	1965
Noblett, David John, B.E.	1950
Noblett, Hedley Lindsay, B.A.	1926
Noblett, Max Hadden, B.A.	1957
Nogare, Ronald Raphael Dalle, B.Sc.	1953
Nolan, Gordon David, B.Tech.	1961
Nolte, Bryan Trevor, B.E.	1957
*Noltenius, Harry Edward, B.A.	1902
Noonan, Jon Gillett, B.Ec.	1963
Noon, David Lvon, B.A.	1952
Noonan, John William, B.A.	1952
Noonan, Patrick Robert, B.Ec.	1957
Nordin, Alfred Walter, B.E.	1957
Norgard, John Davey, B.E.	1937
Norman, Albert Edward, B.A.	1948
Norman, Arthur Edward, B.Sc.	1949
B.A.	1955
Norman, Brenton David, B.Sc.	1966
Norman, Harold Ashley, LL.B.	1947
Norman, Peter, B.Sc.	1964
Norman, Peter Anthony, B.E.	1964
Norman, William Gowan, M.B., B.S.	1938
Norrie, Douglas Hector, Ph.D. (B.E. (N.Z., 1952), 1957)	1966
Norris, Allan Mervyn, B.A.	1956
North, John Brian, M.B., B.S.	1963
North, Rita Bridget Rice, LL.B.	1945
North, William Ian, M.B., B.S.	1939
Northcote, Geoffrey Graham, B.E.	1959
Northcote, Robert Stafford, Ph.D.	1964
Northeast, Keith Laurence, B.Tech.	1963
Northey, Helen Louise, B.Sc.	1953
Northey, James Douglas, B.A.	1919
Northmore, Sir John Alfred, LL.B.	1887
Norton, Margaret, M.A. (Chicago, 1955)	1953
Nott, Harry Carew, M.B., B.S.	1913
Nottage, Neil Thomas, B.Tech.	1961
Nottle, Geoffrey Edward, B.A.	1956
Novotny, Jaroslav, Ph.D. (B.Sc., 1960)	1965
Noye, Brian John, B.Sc.	1964
Nugent, Naomi Mary, B.Sc.	1954
Nunan, Douglas Stephen, B.A.	1960
Nunan, Edward Ernest, B.Sc.	1965
Nuud, Helga, B.A.	1966
Nunn, Christina Eleanor, B.Sc.	1964
Nunn, George Marshall, M.B., B.S.	1951
Nunn, Kevin Joseph, B.Sc.	1942
Nurman, Muhamad, B.Tech.	1962
Nyland, Margaret Jean, LL.B.	1964
O	
Oades, John Malcolm, Ph.D. (Leeds, 1962)	1965
Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951
Oaten, David Richard, M.B., B.S.	1965
Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935
Oaten, Robin Richard, B.E.	1963
Oats, William Nicolle, B.A.	1932
Oborn, Benjamin Watson, B.E.	1956
Oborn, Elizabeth-Anne Watson, B.A.	1959
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
O'Brien, Francis John Romuald, B.A.	1951
O'Brien, Hartley Eric, B.A.	1939
B.Ec.	1954
O'Brien, John Alexander, M.B., B.S.	1947
O'Brien, John Aloysius, B.Ec.	1951
O'Brien, John Barrie, B.Ec.	1961
O'Brien, John Louis, B.E.	1961
O'Brien, Maurice Aloysius, B.A.	1945
O'Brien, Peter Christopher, B.Ag.Sc.	1962
O'Brien, Ross Pagden, B.E.	1949
O'Callaghan, Basil Charles, B.A.	1966
O'Callaghan, Desmond Joseph, B.Sc.	1949
O'Callaghan, Miah Patrick, LL.B.	1937
O'Callaghan, Peter John, B.D.S.	1952
Ockenden, Ralph David, B.D.S.	1948
Ockenden, Robert Hartley, B.Ec.	1951
Ockendon, Garth Palmer, B.A.	1950
O'Connell, Brian John, B.Sc.	1952
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1953
O'Connell, Geraldine Mary, B.A.	1962
O'Connor, Deirdre Catherine, B.A.	1950
O'Connor, Denise Christobel, B.A.	1947
O'Connor, Diana Jean, M.B., B.S.	1949
O'Connor, Graham Geoffrey, B.Sc.	1964
O'Connor, John Desmond, M.B., B.S.	1952
O'Connor, Maxwell James, B.Sc.	1957
O'Connor, Peter Joseph, B.A.	1951
O'Connor, Playford D'Arcy, M.B., B.S.	1938
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1939
O'Connor, Reginald William, LL.B.	1953
B.A.	1956
O'Connor, Thomas James, B.A.	1962
O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1938

* Deceased

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, 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, 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, Roderick Alan, B.Sc.	1964
Pantis, Cracium, B.A.	1965
Panton, David Michael, B.Sc.	1965
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, 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
Parkin, 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
Parr, Stanley Robert, B.Ec.	1957
Parrott, Charles Philip, B.Tech	1958
Parrott, Roger Thomas, M.Ag.Sc.	1965
Parry, Doris, B.A.	1931
Parry, Graham Sidney, B.D.S.	1966
Parsons, Albert Christian, B.E.	1950
Parsons, Barbara, B.A.	1949
Parsons, Colin, B.A.	1958
Parsons, Denis, B.Tech.	1962
Parsons, Geoffrey Bonython Angus, M.A. (Cambridge, 1932)	1935
Parsons, Gregor Leonard, B.Sc.	1965
Parsons, Harold Stephen, Mus.Bac.	1912
Parsons, Ian Ross McKenzie, B.Med.Sc.	1958
Parsons, Peter Angus, B.Ag.Sc.	1955
Parsons, Peter Gordon, B.Sc.	1963
Parsons, Philip Brendon Angus, LL.B.	1928
Parsons, Ralph Whaddon, B.E.	1948
* Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926
Parsons, Robert Allan, B.Sc.	1962
Parsons, Robert Frederick, B.Sc.	1961
Parsons, Ronald Lewis, B.E.	1942
Parsons, William Ross, B.A.	1948
Parton, Arthur Leigh, M.B., B.S.	1944
Partridge, Judith Lois Mary, B.A.	1958
Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	
Pascoe, Douglas Everett, B.Ec.	1947
Pascoe, Jeremy Lawrence, B.E.	1948
Pascoe, Pauline Ina, M.B., B.S.	1960
Pascoe, Timothy Lawrence, B.E.	1955
B.Ec.	1962
Pash, Hannah June, M.B., B.S.	1965
Pash, Hannah Rita, B.A.	1946
Pash, Jeffrie Herbert, B.A.	1930
Pash, Spencer, M.Sc. (B.Sc., 1943)	1938
Passehl, Johann Heinrich, M.B., B.S.	1952
Passmore, John Roger, B.Sc.	1962
Patching, Allan Ralph, B.Sc.	1961
Patching, Desmond William John, M.B., B.S.	1962
Patching, Eric Jonathan, B.Tech.	1956
Pater, Graham Stephen, B.D.S.	1966
Paterson, Alexandra Jean, B.Sc.	1951
Paterson, Alfred Harold, B.A.	1949
Paterson, Dennis Craig, M.B., B.S.	1937
Paterson, John Levett, B.E.	1954
Paterson, Keith McGregor, B.E.	1950
Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1932
Paterson, Robert George, B.A.	1945
Paterson, Ross, B.Sc.	1958
Patman, Joanne, B.A.	1953
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1965
Paton, Alfred Maurice, B.Sc.	1915
Paton, Margaret Anne, B.A.	1898
Paton, Robert, M.B., B.S.	1954
Patrick, Elsie Furneaux, Mus.Bac.	1951
Patten-Richens, Colin Henry, B.Tech.	1925
Patterson, Conrad Brenton, B.A.	1963
Patterson, David Henry, B.E.	1961
Patterson, Dean James, B.E.	1965
Patterson, John Howard, Ph.D. (B.Sc., 1958)	1964
Patterson, John Rayden, B.Sc.	1963
Patterson, Keith Raymond, LL.B.	1962
Patterson, Neil William, B.E.	1937
Patterson, Reginald Lindsay, B.A.	1961
Patterson, William Friedrich, B.E.	1965
Pattinson, Sir Baden Powell, LL.B.	1934
Patwardhan, Asha, M.B., B.S.	1921
Paul, David Brenton, B.Sc.	1961
Paul, Kevin Carroll, B.Sc.	1961
Paul, Peter, M.A. (B.A., 1963)	1935
Paul, Alec Gordon, B.Sc.	1966
M.A. (B.A., 1926)	1920
Paul, Alwyn Douglas, B.A.	1932
Paul, Andrew, M.B., B.S.	1966
Paul, Colin Gordon, M.B., B.S.	1965
Paul, Gwenda Helen, B.A.	1953
Paul, Torrance Arnold, M.B., B.S.	1964
Pavia, Roy Rowling, B.A.	1947
Pavillard, Robin Eugene, M.B., B.S. (London, 1957)	1913
Pavy (nee Proud), Emily Dorothea, B.A.	1960
Pavy, Harold Keith, M.B., B.S.	1906
Pavy, Ian Gordon, M.B., B.S.	1919
Pavy, John Keith, M.B., B.S.	1943
Pavy, Rosemary Dorothea, M.B., B.S.	1952
Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1948
Paxon, Paul Russell, B.D.S.	1954
Paxon, Thomas Gordon, M.D. (London, 1956)	1966
Payne, Allan Barrie, B.Sc.	1961
Payne, George Basil, B.A.	1961
Payne, Jennifer May, B.A.	1935
Payne, Louise Mary Gwythyr, B.A.	1966
Paynter, Norman Catchlove, B.A.	1914
Payze, Rodney John, B.E.	1937
Peacock, Dennis Peter, B.A.	1964
Peacock, Morris John, M.B., B.S.	1965
Peak, Geoffrey Colin, B.Sc.	1966
Peake, Noel Horace, M.B., B.S.	1954
Peake, Robert Clive, B.E.	1966
Peake, Suzanne Margaret, B.A.	1965
Pearce, Alfred Aston, B.A.	1960
Pearce, Alfred Moreton, B.A.	1951
Pearce, Brian Geoffrey, B.A.	1962
Pearce, Charles Clifton, B.A.	1938
Pearce, David Fraser, B.Tech.	1962

* Deceased

Pearce, Dennis Charles, LL.B.	1961	Perriam, Judith Faye, B.Sc.	1964
Pearce, Desmond Beresford Newman, B.Sc.	1951	Perry, Audrey Vivienne, LL.B.	1949
Pearce, Helen Ruth, B.A.	1958	Perry, Dulcie May, B.A.	1939
Pearce, Lancelot Harry, B.Tech.	1965	Perry, John William, LL.B.	1959
Pearce, Neil William, B.Tech.	1963	Perry, Jane Elizabeth, B.A.	1965
Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1955	Perry, Peter Grant, B.Sc.	1966
Pearce, Trevor Sandison, B.Ag.Sc.	1953	Perry, Rayden Alfred, M.Sc. (B.Sc., 1947)	1956
Pearce, William Malcolm, B.Sc.	1966	Perry, Robert George, B.E.	1958
Pearcy, Lyn Harley Draper, M.B., B.S.	1953	Perti, Joseph, LL.B.	1961
Pearlman, Patricia Ruth, B.A.	1964	Peter, Beth Ellen, B.Sc.	1957
Pearlman, Rex Lindsay, M.B., B.S.	1963	Peter, Duncan Wilbur, B.Ag.Sc.	1965
Pearlman, Robert Graham, M.B., B.S.	1963	Peter, Phyllis Grace, B.A.	1960
Pearman, Reginald John, B.Sc.	1954	Peters, Brian Harry, M.B., B.S.	1948
Pearse, David Hiles, B.Tech.	1962	Peters, Geoffrey Ernest, B.A.	1925
Pearson, Anne Keeler, B.A.	1964	M.B., B.S.	1927
Pearson, Anthony James Crawford, B.E.	1965	Peters, Geoffrey John, M.B., B.S.	1961
Pearson, Halley James Crawford, B.A.	1944	Peters, George Francis, B.Sc.	1948
Pearson, Henry Gurner, B.Tech.	1959	Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1960
Pearson, Ione Patricia, B.A.	1965	Peters, Jannette Elsa Mary, B.Arch.	1966
LL.B.	1965	Peters, John Irwin, B.E.	1959
Pearson, Janet Scott, M.B., B.S.	1965	Petersen, Christian Malcolm, B.Ec.	1966
Pearson, Kenneth Robert, B.A.	1964	Peterson, Jean Clarice, B.A.	1940
Pearson, Leslie Allan, B.Tech.	1962	Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1939
Pearson, Leslie Norman, B.A.	1941	Petrie, Enid Beatrice, Mus.Bac.	1935
Pearson, Robert Allan, B.Sc.	1966	Petrikas, Elvira, M.B., B.S.	1953
Pearson, Thomas Pickering, B.Tech.	1959	Petrucco, Oswald Marino, M.B., B.S.	1964
Pech, Herman, B.A.	1947	Pettit, Garth Derwood, B.D.S.	1953
Pech, Rufus, B.A.	1947	Pettit, Janet Ann, B.A.	1961
Pederick, Leith Hubert, B.Sc.	1960	Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1954
Pederson, David George, B.Sc.	1962	Pettman, Brian Edward, B.A.	1965
Pederson, Martin John, B.A.	1966	Pfeiffer, Edgar Reginald, B.Sc.	1953
Pedler, John Meavious, M.B., B.S.	1935	Pfeiffer, Gordon James, B.D.S.	1949
Pedler, Pender James, B.Sc.	1963	Pfeiffer, Norman, B.A.	1938
Pedlow, Clarice, B.Sc.	1942	Pfützer, David Roy, B.Sc.	1960
Peek, Dean John, B.Tech.	1966	Pfützer, Eric Norman, M.A. (B.A., 1930)	1933
Peel, Edward John, B.Sc.	1964	Pfützer, John, M.B., B.S.	1964
Peirce, Alan Willfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947	Pfützer, John Clement, B.A.	1965
Peirce, Reginald Frank, B.A.	1938	Pfützer, Julian Paul, B.Sc.	1964
Peirson, Clive Graham, M.Ec. (B.Ec., 1960)	1964	Pfützer, Leo Wilkin, B.E.	1953
Peisach, Murdoch Uri, B.A.	1966	Pfützer, Murray Ackland, M.B., B.S.	1953
Pellow, Catherine Annabel, M.B., B.S.	1964	Pfützer, Murray Leigh, B.E.	1964
Pellow, Dorothy Elaine, LL.B.	1960	Pfützer, Paul, B.D.S.	1961
Pellow, Henry Edwin, M.B., B.S.	1924	Pfützer, Victor Carl, B.A.	1958
Pellow, Janie Christobel, B.D.S.	1932	Pflaum, Peter Theo, B.Ec.	1964
Pellow, Lancelot Vivian, LL.B.	1922	Phanchet, Suphawat, M.B., B.S.	1964
Pellow, Leonard James Ternouth, M.B., B.S.	1932	Phang, Sonny, B.Sc.	1966
Pellow, Richard Alfred Amyas, M.B., B.S.	1934	Phillipps, Herbert Tarlton, B.Sc.	1905
Pellow, Timothy Yuill, B.Arch.	1964	Phillipps, Keith Herbert, B.E.	1951
Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942	Phillips, Alan Dunstan, M.B., B.S.	1947
Pelz, Ines Charlotte, B.A.	1960	B.Sc.	1959
Pemberton, Russell Edward, B.Sc.	1964	Phillips, Albert Maurice, B.E.	1941
Penery, Donald Vivian, B.Tech.	1961	Phillips, Basil Wright, B.D.S.	1950
Pengelly, John Michael, B.Ec.	1952	Phillips, Brian Douglas, B.Sc.	1961
Pengilly, Clifford Kipling, B.E.	1930	Phillips, Brian John, B.E.	1960
Penglase, Dean Trestrail, B.E.	1951	Phillips, Charles Leslie, B.D.S.	1926
Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956)	1962	Phillips, Colin Rex, B.E.	1963
Penn, John Halbert, B.E.	1953	Phillips, Colin William, M.B., B.S.	1951
Penn, Malcolm Richard Stephen, LL.B.	1964	Phillips, Gordon Gilbert, B.A.	1940
B.A.	1964	Phillips, James Henry, B.E.	1948
Pennicott, Margaret Mary, B.A.	1961	Phillips, James Howard, B.Sc.	1902
Pennington, Beryl, B.A.	1942	Phillips, John Townley, B.E.	1962
Penna, Elwyn Dunstan, B.A.	1952	Phillips, Malcolm John, B.Tech.	1960
Penny, David Harry, M.Ec. (B.Ec., 1952)	1958	Phillips, Muriel Edith, B.A.	1935
Penny, Harold John, M.B., B.S.	1913	Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Penny, Hubert Harry, M.A. (B.A., 1926)	1932	Phillips, Murray Thomas, B.E.	1947
Penny, John Philip, Ph.D. (M.Sc., 1961, B.Sc., 1958)	1966	Phillips, Pamela Rosemary, M.B., B.S.	1951
Penny, Margaret Elizabeth, B.A.	1966	Phillips, Ronald Mervyn, B.A.	1951
Penny, Roger Stephen, B.A.	1966	Phillips, Walter Wynne, B.A.	1958
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1959	Phillips, Wayne Downing, B.E.	1965
*Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1923	Phillips, William James Ellery, M.B., B.S.	1915
Penrose, John Michael, B.Ec.	1964	Phillips, William John, B.A.	1959
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1935	Phillipson, Coleman, LL.D. (Manchester, 1908)	1920
Pepela, Crowther Ngova, B.Sc.	1966	Phillips-Rees, Peter Richard, B.A.	1964
Pereira, John Evelyn De Haan, B.A.	1945	Philpot, Christopher Ross, B.Med.Sc.	1966
Perkins, Brian Randall, B.Sc.	1955	Philpott, Clive Mervyn, B.Sc.	1965
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1943	Philpott, Jennifer Mary, B.A.	1963
Perkins, Lesley Ann, B.Ec.	1966	Phong, Nguyen Dinh, B.A.	1964
Perkins, Marie Pauline, B.A.	1946	Pick, William, B.Tech.	1963
Perrett, Lance Victor, M.B., B.S.	1952	Pickering, Brian George, B.Tech.	1966
Perriam, Donald John, B.Med.Sc.	1962	Pickering, Eric, B.A.	1960
M.B., B.S.	1965	Pickering, Geoffrey Gilmore, B.E.	1961
		Pickering, Ronald Franklin, B.Sc.	1946
		Pickering, Trevor George, M.B., B.S.	1958

* Deceased

Piddington, Robert William, B.Sc.	1963	Polson, Reginald Alexander, B.E.	1929
Pierce, James John Carley, B.Ec.	1962	Pomroy, Alan Browning, B.E.	1938
Pierson, Robert Arthur, B.A.	1954	Pomroy, Richard Osborne, B.E.	1923
Pierson, Rosalie Ann, B.A.	1964	Ponnia, Anthonipillai, B.E.	1954
Pietsch, Clemens Henry, M.B., B.S.	1945	Pong, Peter Jack-Gai, B.Ec.	1966
Pike, Colin Edwin, LL.B.	1954	Ponsford, Joan Helen, B.Sc.	1949
Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957	Pontifex, Ian Russell, M.Sc. (B.Sc., 1961)	1966
Pike, Geoffrey Howard, M.B., B.S.	1953	Poole, Frederick St. John, M.B., B.S.	1909
Pikusa, Stefan Adam, B.Arch.	1963	Poole, Gilbert Graham, B.Sc., B.E.	1921
Pile, Kenneth Charles, B.E.	1949	Poole, Richard John, B.E.	1951
Pilgrim, Alan Flinders, B.Sc.	1936	Poon, Hin Yeung, Patrick, B.D.S.	1964
Pillai, Kotha Kanthimathy, M.B., B.S.	1958	Poon, Mong Yue, Thomas, B.D.S.	1963
Pillay, Elagu Sithampara, M.B., B.S.	1954	Pope, Geoffrey Weston, B.Sc.	1951
Pilton, Phyllis Evelyn, B.Sc.	1955	Pope, Gerald Wardlaw, B.Sc.	1963
Pinder, Claude Jack, B.A.	1966	Pope, Gwenyth Constance, B.A.	1966
Pinder, Patrick Maurice, B.Arch.	1964	Pope, John Travers, B.E.	1957
Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942	Pope, Kathlyn Hilary, B.A.	1952
• Piper, Cyril Thomas, M.B., B.S.	1924	Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1949
Piper, Flora Elizabeth, B.A.	1924	Pope, Norman Hector, B.Tech.	1960
Piper, Herbert Walter, D.Litt. (B.A., 1938)	1961	Pope, Peter Myles Burton, B.E.	1949
Piper, Robert William, LL.B.	1963	Pope, Russell Leslie, B.Sc.	1965
Pirotta, Thomas, M.B., B.S.	1955	Porra, Robert John, B.Sc.	1957
Pitcher, Alison Claire, Mus.Bac.	1964	Porter, Ailsa Rosemary, B.Sc.	1955
Pitcher, Cyril Frederick, M.B., B.S.	1911	Porter, Christopher Robert, B.Sc.	1961
Pitcher, Maurice Knight, B.Sc.	1925	Porter, David James, LL.B.	1961
Pitcher, Russell Barton, M.B., B.S.	1948	Porter, Harold George, B.A.	1941
Pitcher, Wendy Lois, B.A.	1961	Porter, James Glanville, B.Tech.	1960
Pitcher, William Bonythorn, B.Sc.	1945	Porter, James Lincoln, Mus.Bac.	1960
Pitchon, Leon, M.B., B.S.	1960	Porter, John Reginald, B.Tech.	1963
Pitman, Beresford Ernest, B.Sc.	1945	Porter, Kingsley Clarence, M.B., B.S.	1942
Pitman, David Arthur Alfred, B.A.	1966	Porter, Maurice John, B.Tech.	1961
Pitman, John Keith, B.Ec.	1964	Porter, Mervyn Kingsley, B.A.	1958
Pitman, Michael George, Ph.D. (Cambridge, 1959)	1963	Porter, Michael Andrew, B.E.	1966
Pitt, Barry John, M.B., B.S.	1966	Porter, Michael Glenthorne, B.Ec.	1964
Pitt, George Henry, B.A.	1920	Porter, Reginald Bernard, Ph.D. (B.Sc., 1953; M.Sc., 1960)	1966
Pitt, Marjorie Una, B.Sc.	1925	Porter, Robert, B.Med.Sc.	1954
Place, Ullin Thomas, M.A. (Oxford, 1949)	1953	Porter, Robert Critchley, LL.B.	1962
Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937	Porter, Rodney Crawford, B.E.	1959
Platt, John Talbot, B.A.	1951	Porter, Ronald Frank, B.D.S.	1940
Platten, Newell James, B.E.	1951	Porter, Thelma May Edith, B.A.	1941
Platts, John Charles, B.Tech.	1961	Posen, Solomon, M.B., B.S.	1955
Playford, John Drysdale, B.A.	1959	Possingham, John Victor, M.Sc. (B.Ag.Sc., 1951)	1955
Playford, Malcolm Noel, LL.B.	1937	Possingham, Maxwell Leonard, B.Sc. (M.E. (B.E., 1956))	1954
Playford, Margaret Claire, M.B., B.S.	1955	Posner, Alan Meyer, Ph.D. (Cambridge, 1950)	1961
Pledge, Helen Rosemary, B.A.	1965	• Postle, Douglas Gordon, M.B., B.S.	1941
Pledge, Neville Stewart, B.Sc.	1966	Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922
Pledge, Philip Wayne, B.Ec.	1964	Potter (nec Bates), Betty, B.Sc.	1939
Plimmer, Geith Alfred, B.A.	1930	Potter, B.A.	1942
Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949)	1961	Potter, Brian John, M.Sc. (B.Sc., 1945)	1950
Plummer, Alexander Philip, B.D.S.	1941	Potter, David Charles, B.E.	1962
Plummer, Reg Garnet, M.B., B.S.	1906	Potter, Dennis Robert, B.Sc.	1963
Plummer, Rex Grose, M.B., B.S.	1937	Potter, Frank Jaques, LL.B.	1947
• Plummer, Violet May, B.Sc. (M.B. (Melbourne, 1897))	1893	Potter, B.A.	1957
Plummer, Violet Myrtle, M.B., B.S.	1897	Potter, Helen Anderson, B.Sc.	1962
Plunkett, Norman Ambrose, B.E.	1926	Potter, Ian Downing, B.A.	1959
Flush, Donald Seward, B.Ag.Sc.	1948	Potter, James Downing, B.Sc.	1964
Pobjoy, Alice Blake, B.A.	1918	Potter, John Colin, B.Ag.Sc.	1948
Pocius, Martynas, B.E.	1955	Potter, John Lewis, B.Tech.	1961
Pocock, Edward Robert, M.A. (B.A., 1956)	1958	Potter, John Stanley, B.Ag.Sc.	1957
Pocock, Kenneth Frank, B.App.Sc.	1965	Potter, Maurice Martyn, B.Sc.	1957
Pocock, Kenneth John, B.Sc.	1961	Potter, Robert James, B.E.	1961
Pohlman, William Frederick Claude, B.Sc.	1926	Potter, Roy Adolph, M.A. (B.A., 1913)	1923
Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney, 1938)	1952	Potter, Vernon Wheatley, M.B., B.S.	1941
M.D.	1960	Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948)	1956
M.S.	1965	Potts, Ethelwyn, B.A.	1909
Polasek, Metodey, B.Ec.	1958	Potts, Frank Roland, B.Sc.	1922
Polden, Marjorie Philippa, B.A.	1962	Potts, Gilbert Macdonald, M.A. (B.A., 1911)	1915
Pole, Audrey Elizabeth, B.A.	1956	Potts, John Louis, M.B., B.S.	1951
Polglase, Norman, B.Sc.	1947	Potts, Kevin Thomas, Ph.D. (D.Phil., Oxford, 1954)	1959
Polkinghorne, Gillian Margaret, B.A.	1966	Potts, Leo, M.B., B.S.	1955
Polkinghorne, Graham Keith, B.E.	1954	Potts, Renfrey Burnard, B.Sc.	1945
Polkinghorne, Kate Elinor, B.A.	1931	Powell, Alan Anthony Leslie, B.Ag.Sc. (Sydney, B.Sc.Agr., 1959)	1962
Polkinghorne, Keith, B.A.	1938	Powell, Barry James, B.Ec.	1964
Polkinghorne, Kenneth Bruce, B.A.	1965	• Powell, Harold, M.B., B.S.	1913
Polkinghorne, Noel Francis, B.A.	1934	Powell, Kathleen Naomi, B.A.	1925
Pollard, Pamela Helen, LL.B.	1963	Powell, Miriam Athalie, B.A.	1927
Pollnitz, Eunice Adah, B.A.	1938	Power, Barry Patrick, LL.B.	1966
Pollnitz, Robert Percy, M.B., B.S.	1966	Power, Frances Maureen, B.A.	1951
Polomka, Simon Peter, B.Ag.Sc.	1955	Power, Francis Bryan, B.Ec.	1951
Polson, Peter, B.E.	1965	Power, John Leslie, LL.B.	1922
		Powrie, James Kelvin, M.Sc.	1951

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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
Prager, Rolf Herman, Ph.D. (Sydney, 1963)	1965
Pratt, Bryan Harry, Ph.D. (B.Ag.Sc., 1962)	1966
Pratt, John, B.Sc.	1964
Pratten, Raymond Douglas, B.Sc.	1952
Preece, Julia Anne, B.A.	1949
Preece, Kathleen Mary, B.A.	1952
Preece, Winifred Edna, B.D.S.	1927
Preiss, Wolfgang Victor, B.Sc.	1966
Prenzier, 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
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, Trafford Conon, B.Sc.	1957
Price, Winifred Vera, B.A.	1949
Pridar, Valentine Aubrey Hamilton, B.A.	1951
Pridham, Geoffrey Jasper, LL.B. B.A.	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. M.B., B.S.	1925
B.S.	1929
Priebbenow, Arthur David, B.A.	1960
Priebbenow, 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, 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. B.A.	1953
B.A.	1961
Pritchard, Vita, B.A.	1941
Probert, James Keith Stewart, B.Sc. B.Tech.	1951
B.Tech.	1962
Proctor, Ivy Millicent, B.A.	1935
Proctor, Rose Emily, B.A.	1934
Proske, 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
Provins, Kenneth Alfred, Ph.D. (Reading, 1958)	1963
Provis, Douglas Franklin, B.Sc.	1950
Prorowse, Victoria Helen, B.A.	1963
Pruul, Hendrik, B.Sc.	1965
Pruul, Vaike, B.Sc.	1965
Pryce, Michael Arthur Gillies, M.E. (B.E., 1957)	1965
1957)	1965
Pryke, Jenneth Meriel, B.Sc.	1957
Pryor, Anthony John, B.Sc.	1963
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, 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
Fudney, Colin William, B.E.	1953
Fudney, Owen John, B.Sc.	1955
Pugsley, Albert Tonkin, D.Sc. (M.Sc., 1942)	1954
Pukitis, Ilze, B.A.	1962
Puksand, Harry, B.E.	1956
Pullford, James Charles, B.Tech.	1963
Pullin, Dean Russell, B.E.	1958
Pullman, Brian James, Ph.D. (B.Sc., 1958, M.Sc., 1960)	1964
Purcell, Wendy Joan Frances, B.A. LL.B.	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
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, 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
Quinn, Mary Cecilia, B.A.	1955
Quinn, Michael Brian, B.Sc.	1956
Quirk, Helen Marian, B.A.	1951
Quirk, James Patrick, Ph.D. (London, 1952)	1959
R	
Rabone, Elaine Thelma, B.A.	1959
Rabone, Harry Klements Percival, B.A.	1939
Radcliffe, John Clive, B.Ag.Sc.	1960
Radcliffe, Sheila, B.A.	1944
Radden, Brian Gray, Ph.D. (London, 1959)	1962
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
Raffen, Douglas Gordon, B.E.	1952
Rafferty, George Aldborough, B.Ec.	1949
Raggambi, Otto, B.E.	1965
Raggatt, Thomas Sutherland, B.A.	1945
Raine, Margaret Napier, B.A.	1939
Rainnie, Graeme Fraser, B.Sc.	1942
Rainsford, Kathleen Mary, B.Sc.	1943
Raison, John Kenneth, Ph.D.	1964
Rait, William Lockhart, M.Sc.	1935
Rajan, Lalethambel, M.B., B.S.	1957
Rajbhandary, Kamala Bhagat, Ph.D.	1958
Ralph, Anthony John, B.Sc.	1966
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, Michael Campbell, B.Ag.Sc.	1961

* Deceased

Ramsay-Matthews, Graham, B.A.	1966	Reeves, Rupert Kirk, M.B., B.S.	1926
Rance, George Howe, B.Sc.	1935	Rehn, Denzil Farnham, B.A.	1955
Randall, Robert Bond, B.Tech.	1961	Rehn, Peter Francis, B.E.	1963
Randell, Allan Elliott, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1897	Reichstein, Lance Eric Harold, B.E.	1922
Randell, William Richard, M.B., B.S.	1947	Reid, Arthur Douglas, M.B., B.S.	1924
Randle, Alexander Miller, B.Sc.	1951	Reid, Bruce James, B.A.	1962
Randles, John Wesley, M.Ag.Sc. (B.Ag.Sc., 1961)	1966	Reid, David Argyll Campbell, B.E.	1949
Randva, Oswald, B.Tech.	1961	Reid, Donald Peter, M.B., B.S.	1956
Rankin, Mervyn Alexander, M.Sc. (B.Sc., 1927)	1931	Reid, Douglas Rusk, B.Tech.	1959
Rankine, Alexander Mackenzie, M.B., B.S.	1952	Reid, Elizabeth Ellen, B.A.	1933
Rankine, Bryce Crossley, M.Sc. (B.Sc., 1945)	1953	Reid, Gordon Stanley, Ph.D. (London, 1957)	1958
Rao, Ravindra Pratap, Ph.D.	1966	Reid, Gordon Stephen, B.A.	1954
Rao, Velamury Raghavendra, Ph.D.	1956	Reid, John Douglas, M.B., B.S.	1954
Raptis, Constantinos, M.B., B.S.	1965	Reid, John Graham, M.B., B.S.	1954
Rasch, John, B.E.	1952	Reid, Max Bertram, M.B., B.S.	1937
Rasch, Marjorie, B.Sc.	1956	Reid, Neville Collison, B.Ec.	1956
M.B., B.S.	1966	Reid, Robert Leighton, M.A. (B.A., 1953)	1954
Rasheed, Kenneth Michael, B.E.	1955	Reid, Ross Stevenson, B.D.S.	1965
Ratchiffe, Ashleigh Fiander, B.Sc.	1963	Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947)	1956
Ratchiffe, Julian Wayne, B.Sc.	1964	Reid, William Lister, M.B., B.S.	1931
Rathjen, Anthony John, B.Ag.Sc.	1962	Reilly, Patrick John, M.B., B.S.	1928
Rathmann, Leonard Herbert, B.E.	1961	Reilly, Peter Lawrence, B.Med.Sc.	1963
Rattigan, John Herbert, M.Sc. (B.Sc., 1948)	1955	M.B., B.S.	1966
Rattley, John Anthony Charles, B.Sc.	1964	Reilly, Philip Herbert, B.D.S.	1940
Rattray, Charles McNab Iverson, B.Sc.	1962	Reilly, Robert Neil, M.B., B.S.	1933
Ratz, Alfred Egon, B.A.	1961	Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	1935
Raud, Rasmus, B.Tech.	1958	Reimann, Valesca Leonore Olive, M.A. (B.A., 1910)	1914
Raupach, Maxwell, M.Sc. (B.Sc., 1945)	1954	Reiners, John Alexander, B.D.S.	1950
Rawat, Rishi Ram, Ph.D.	1958	Reinfelds, Juris, Ph.D. (B.Sc., 1958)	1963
Rawnsley, Stella, B.A.	1960	Reinfelds, Gundega, B.Sc.	1961
Rawolle, Keith Charles, B.Sc.	1961	Reinpuu, Willi, B.Tech.	1962
Ray, Angus Charles, LL.B.	1943	Reintals, Voldemar, B.E.	1960
Ray, John, M.B., B.S.	1936	Reisonas, Irvis John, B.E.	1957
Ray, William Robert, B.A.	1933	Reiss, James Allan, B.Sc.	1964
Ray, Walter Vernon, LL.B.	1907	Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902
Raymond, Ira Doley, M.A. (Western Australia, 1951)	1964	Remelje, Wolfgang Werner, B.Sc.	1963
Raymond, Trevor Ralph, B.Sc.	1964	Remilton, John Robert, M.B., B.S.	1953
Rayner, Colin Robert, B.Ec.	1960	Rendell, Alan, B.A.	1930
Rayner, George Percival, B.A.	1920	Rendell, Anthony Alan, B.A.	1962
Rayner, William Henry, B.A.	1907	Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952
Read, Anthony Llewellyn, B.E.	1961	Renfrey, Arthur William, B.Ec.	1959
Read, Clarence Percy, B.A.	1959	Renfrey, Lionel Edward William, B.A.	1938
Read, David Keith, B.Tech.	1964	Reini, Bruno, M.B., B.S.	1956
Read, Frances Margaret, B.Sc.	1961	Renner, Johannes Theodore Erich, B.A.	1950
Read, John Herbert, B.A.	1949	Renney, John Thomas Goodchild, M.B., B.S.	1955
Read, John Maidment, B.Sc.	1966	Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919
Read, Norman George, M.Sc. (B.Sc., 1943)	1945	Resek, Marietta, B.A.	1964
Read, Peter John, B.Ec.	1959	Retallack, Alan John, B.E.	1955
Read, Philip Andreas, B.A.	1930	Retallack, Bruce James, B.A.	1935
Read, Philip Kimble, B.Tech.	1964	B.Sc.	1939
Read, Wendy Margaret, B.A.	1964	Reuter, Colin Albert, B.D.S.	1955
Reade, Peter Clarence, Ph.D. (M.D.S., 1963; B.D.S., 1952)	1965	Reuter, Douglas James, B.Ag.Sc.	1963
Reade, Robert Victor, B.A.	1964	Reynolds, Beatrice Mary Heywood, B.A.	1924
Reardon, Mary Dulcie, B.A.	1952	Reynolds, Bevan William, B.D.S.	1959
Rechner, Russell Jay, B.Ec.	1961	Reynolds, Geoffrey Dennison, B.Sc.	1964
Redcliffe, Owen Andrew, B.Sc.	1965	Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958
Redden, Martin Philip, B.A.	1933	Reynolds, Howard, B.Sc.	1950
Redden, Patricia Eileen, B.A.	1966	Reynolds, James Alan, B.E.	1953
Redden, Robert John, B.Ag.Sc.	1965	Reynolds, John Heywood, B.A.	1928
Redin, Lewis Charles, B.A.	1956	Reynolds, Lilo, B.A.	1948
Redman, James Johnston, LL.B.	1935	Reynolds, Maxwell Andrew, B.Sc.	1951
Redman, Susan Paquita, B.A.	1963	Reynolds, Maxwell Stanley, B.A.	1948
Redmond, John Bice, B.E.	1946	Reynolds Brown, Elizabeth Margaret, LL.B.	1966
Redmond, John William, B.Sc.	1964	Reznikov, Michael, B.Sc.	1965
Redpath, Lynda Rosamond, B.A.	1961	Rhodes, George Anthony, M.B., B.S.	1963
Redstone, Frank, B.A.	1957	Rhodes, Gwendoline Maude, LL.B.	1939
Redway, John Alfred George, B.E.	1955	Rhodes, Lawry James, B.Tech.	1962
Reed, Barbara, B.A.	1954	Rhymer, Lorna May, B.A.	1957
Reed, Catherine Elaine Thornton, B.A.	1966	Rice, Brian George, B.Sc.	1954
Reed, Denis John, B.Tech.	1961	Rice, John David, M.B., B.S.	1930
Reed, Eileen Ruth Lathleen, B.Sc.	1919	Rice, John Peter, M.B., B.S.	1961
Reed, Sir Geoffrey Sandford, LL.B.	1913	Rice, Lawrence John, M.B., B.S.	1948
Reed, Margaret Doris, B.Sc.	1955	Rice, Michael Scollin, M.B., B.S.	1959
Reed, Mary Ethel Hayter, M.B., B.S.	1924	Rice, Phillip John, LL.B.	1951
Reed, Robert David Geoffrey, B.E.	1950	*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.	1994	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, Leopold Hugh Duncan, Ph.D.	1964	Richards, Anthea Ellen, B.Sc.	1963

* Deceased

Richards, Anthony Howard, B.Sc.	1965	Roberts, David Brian, B.E.	1965
*Richards, Archibald Charles, M.A. (B.A., 1922)	1927	Roberts, David Pearson, B.Sc. (Eng.)	1947
Richards, Brian Gordon, B.E.	1956	Roberts, Deidre Marie, B.A.	1966
Richards, Bruce Leslie, B.Tech.	1959	Roberts, Douglas Patrie, B.A.	1966
Richards, Cecil Albert, M.A. (B.A., 1924)	1929	Roberts, Ernest Albert Patrick, B.Sc.	1966
B.Sc.	1931	Roberts, Franklyn Kevin, B.A.	1962
Richards, Clarence, B.Sc.	1915	Roberts, Ian Noel, B.Tech.	1964
M.B., B.S.	1919	Roberts, Ivor Charles, M.B., B.S.	1964
Richards, David John, B.Tech.	1961	Roberts, James Francis, B.Ec.	1952
Richards, Dulley Lewis, LL.B.	1931	Roberts, Jennifer Mary, B.A.	1966
Richards, Eric Dean, M.B., B.S.	1951	Roberts, Jillien Mary, LL.B.	1959
Richards, Eva Gertrude, B.A.	1914	Roberts, John Barry, B.Sc.	1949
Richards, Fred Kither, B.Ec.	1956	Roberts, John Desmond, B.A.	1957
*Richards, Sir Frederick William, LL.D. (London, 1896)	1897	Roberts, Joseph Armistice, M.B., B.S.	1953
Richards, Gordon Alfred, B.A.	1937	Roberts, Marcia Anne, B.A.	1950
Richards, James Ross, M.B., B.S.	1954	Roberts, Nancy Mowbray, B.A.	1963
Richards, Kenneth Ross, B.Sc.	1948	Roberts, Peter Michael, B.E.	1947
Richards, Maxwell John, M.B., B.S.	1954	Roberts, Richard Gregory Dennis, B.Sc.	1962
Richards, Ronald Roy, B.Ag.Sc.	1951	Roberts, Richard Leslie, B.E.	1966
Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951	Roberts, Robert Edward, B.Tech.	1953
Richards, William Edward, B.A.	1932	Roberts, Robin Lea, B.A.	1964
Richardson, Alan James, B.A.	1963	B.Ec.	1939
Richardson, Barry Gilbert, B.Ec.	1962	Roberts, Ronald Sydney George, B.Tech.	1956
Richardson, Frances Helen, B.A.	1965	Roberts, Roy, B.A.	1961
Richardson, John Milton, B.Ag.Sc.	1952	Roberts, Sheila Margaret, B.A.	1956
Richardson, John Patrick, M.B., B.S.	1952	Roberts, Terence James, B.E.	1959
Richardson, Middleton Bart, B.Sc.	1941	Robertson, Alfred Bentley, B.E.	1964
Richardson, Noel Lewis, B.Ag.Sc.	1963	Robertson, Allison Alexander, B.E.	1942
Richardson, Patricia Sophia, M.B., B.S.	1937	Robertson, Andrew Derek, B.D.S.	1952
Richardson, Robert William, B.E.	1953	Robertson, Anthony Oliver, M.B., B.S.	1961
Richardson, Ruth Mary Desmond, B.A.	1954	Robertson, Betty Ann Fotheringham, B.A.	1956
Richardson, Walter Murray, B.Sc.	1951	Robertson, Christopher Lumley, M.B., B.S.	1948
Richardson, Warren Anthony, B.E.	1965	Robertson, Clara Enid, B.A.	1957
Richardson, William Arthur Ridley, B.A. (Oxford, 1950)	1966	Robertson, Colin Frank, M.B., B.S.	1929
Richmond, James Malcolm, B.A.	1961	Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954
Richter, Gunter Walter, B.A.	1965	Robertson, Donald Alexander, LL.B.	1934
Rickard, Graeme Robert, B.Sc.	1963	Robertson, Gwendoline Katherine, B.Sc.	1948
Riddell, Frank Scoular, M.B., B.S.	1953	Robertson, Hall, B.E.	1948
Ridge, Nancy Pamela, B.A.	1966	Robertson, Helen Jean, B.Sc.	1965
Ridley, Kenneth Floyd, B.Tech.	1963	Robertson, Ian, M.B., B.S. (M.B., Ch.B., Cape Town, 1948)	1963
Rieck, Bruce William Jarrett, LL.B.	1963	Robertson, Ian Robert, B.E.	1948
Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957	Robertson, Iris Esther, M.A. (B.A., 1923)	1925
Riedel, Felix Daniel, B.A.	1950	Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950
Riedel, Melita Wanda, Mus.Bac.	1920	Robertson, Janet Marian, B.A.	1960
Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952	Robertson, John Charles, B.E.	1960
Riogel-Huth, Jill Penelope Ann, B.A.	1966	Robertson, Kenneth Alexander, B.A.	1954
Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919	Robertson, Kenneth James, M.D.S. (B.D.S., 1940)	1953
Rieger, Richard Anthony, M.B., B.S.	1956	Robertson, Leon Medley, B.E.	1951
Riggs, Brenton John, B.Ec.	1966	Robertson, Leith Stanley, B.A.	1966
Riggs, Noel Victor, B.Sc.	1942	Robertson, Malcolm Lindsay, LL.B.	1963
Rigter, Gerard Theodore Joseph, B.A.	1960	Robertson, Margaret Jean, B.A.	1956
Riley, John, M.B., B.S.	1953	Robertson, Nancy Douglas, B.Sc.	1945
*Riley, Mabel, B.A.	1908	Robertson, Robert James, B.Sc.	1966
Rimes, Garnet Dean, B.Sc.	1950	Robertson, Robert Malcolm, B.Ec.	1962
Rimmer, David Barry, B.E.	1961	Robertson, Ronald Peter, M.B., B.S.	1945
Rinfret, The Right Honourable Thibaudeau, P.C., LL.D. (McGill)	1951	Robertson, Rutherford Ness, D.Sc. (Sydney, 1961), F.R.S.	1963
Ringwood, Pamela Elsie, LL.M.	1965	Robertson, Sydney Clifford, B.Sc. M.E. (B.E., 1924)	1922
Riordan, Jillian Mary, B.A.	1965	*Robertson, Thorburn Stirling Brailsford, B.Sc. M.B., B.S.	1935
Rippert, Reinhart, M.B., B.S.	1957	Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1948
Risbv, John Young, B.Ec.	1962	Robertson, William Roy, B.E.	1953
Rischbieth, Henry George, M.B., B.S.	1942	Robin, Angus Geoffrey, B.Sc.	1959
Rischbieth, John Ross, B.Sc.	1937	Robin, David Rex, B.Tech.	1952
Rischbieth, Oswald Henry Theodore, B.A.	1909	Robin, Philip Wendover, B.E.	1960
Rischbieth, Richard Harold Charles, M.B., B.S.	1951	Robins, Robert William, B.A.	1959
Risely, Barrie Grenville, B.Sc.	1956	Robinson, Arthur James, B.E. (Melbourne, 1929)	1966
Risely, Dennis John, B.Sc.	1962	Robinson, Donald Neffe, M.B., B.S.	1937
Ritchie, Robert William, B.Ec.	1965	Robinson, Edgar, LL.B.	1948
Ritenis, Indulis, M.B., B.S.	1955	Robinson, Edwin George, M.Sc. (B.Sc., 1941)	1912
Ritson, Robert John, M.B., B.S.	1962	Robinson, James Bennett, B.Ag.Sc.	1947
Rivett, Leo James, B.Tech.	1964	Robinson, John Walton, B.E.	1963
Rix, Areta, B.A.	1938	Robinson, Jocelyn Hazel, B.A.	1957
Roach, Desmond Michael, B.E.	1952	Robinson, Laurence Charles, M.Sc.	1966
Roach, John Carlisle, B.E.	1921	Robinson, Marie Patricia, B.A.	1959
Roach, John Robert, Ph.D. (B.E., 1960)	1966	Robinson, Mary Kelly, M.Sc. (B.Sc., 1947)	1941
Roach, Rodney Barrington, B.D.S.	1963	Robinson, Michael Alexander, M.B., B.S.	1951
Roark, Bruce Archibald, Ph.D.	1956	Robinson, Michael Laurence, B.E.	1954
Robbins, Thomas Fellows, B.E.	1940	Robinson, Philip Arthur, B.E.	1959
Robert, Douglas Bower, B.Sc.	1942	Robinson, Reginald Ray, B.Tech.	1962
Robert, John Douglas, B.E.	1966	Robinson, Warwick Bruce, B.Sc.	1960
Roberts, Alan Carlisle, M.B., B.S.	1964		1962
Roberts, Arthur Bruce, LL.B.	1922		1960
Roberts, Beryl Irene, B.Mus.	1965		1962

* Deceased

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
Rodhoun, 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 Orri, M.B., B.S.	1959
Roe, Ernest, M.A. (Oxford, 1946)	1960
Ph.D.	1964
Roe, Geoffrey Palmer, B.Ag.Sc.	1951
Roe, Jillian Isobel, B.A.	1963
Roehrs, Herma Erika, B.A.	1945
Roennfeldt, Karen Christine, B.A.	1965
Roennfeldt, Richard John, B.E.	1965
Roesler, Leon William, B.Sc.	1961
Rofe, Bryan, B.Sc.	1939
Rofe, Rodney Broughton, B.Ec.	1956
Rogasch, Peter Edwin, M.Sc. (B.Sc., 1954)	1957
Rogers, Anthony Howard, M.Sc. (B.Sc., 1957)	1961
Rogers, Charles Malcolm, B.E.	1939
Rogers, Geoffrey Francis, M.B., B.S.	1962
Rogers, George Ernest, Ph.D. (Cambridge, 1957)	1963
Rogers, Ian Frederick, B.D.S.	1951
Rogers, Ian Stansfield, B.Ag.Sc.	1958
Rogers, Irene Blanche, M.A. (B.A., 1920)	1932
Rogers, James Keith, B.Sc.	1962
Rogers, Jeffrey Noble, B.Ec.	1960
Rogers, John Andrew, M.B., B.S.	1952
Rogers, John McDonald, M.B., B.S.	1963
Rogers, Kerry Llewellyn, B.E.	1962
Rogers, Kevin Clive, LL.B.	1962
Rogers, Lesley Joy, B.Sc.	1964
Rogers, Lesley Patricia, B.A.	1961
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	1925
Rogers, Peter Lindsay, B.E.	1963
Rogers, Roderick Westgarth, B.Sc.	1965
Rogers, Ruth Nellie, B.A.	1955
Rogers, Theodore Stansfield, B.E.	1928
Rogers, Warren McIntosh, LL.B.	1958
B.Ec.	1959
Rogers, William Percy, Ph.D. (London)	1952
Rohan, Gregory John, B.D.S.	1966
Rohan, Paul, M.E.	1963
Rohrlach, Kenneth Deane, B.Sc.	1964
Rohrlach, Neville Crawford, B.Tech.	1962
Rohrshelm, Geoffrey Charles, B.Ec.	1965
Rolfe, Penelope Susan, B.Sc.	1966
Rolland, James Alexander, M.B., B.S.	1917
Rolland, James Alexander Bryan, M.B., B.S.	1943
Rolland, William Maitland, B.A.	1936
Rollison, John William, M.B., B.S.	1925
Rolland, Andrew Kenneth, M.B., B.S.	1964
Roman, Desmond, B.Med.Sc.	1962
M.B., B.S.	1965
Ronai, Tibor, M.B., B.S.	1948
Ronald, Ian Douglas, B.D.S.	1950
Roney, Bruce Deane, B.Sc.	1965
Rook, Kevin Maxwell, B.Sc.	1947
Rooney, Clifford, B.Sc.	1929
Rooney, Gwenyth 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, Icha 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, Margaret Anne, B.A.	1964
Ross, Maxwell Alexander, M.Ag.Sc., (B.Ag.Sc., 1959)	1966
Ross, Nadeen Adoree, B.A.	1951
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
Rostker, 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, 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
Rudrum, Alan William, B.A. (London, 1954)	1959
Rudzki, Zbigniew, B.Sc.	1966
Ruediger, Malcolm Milton, B.A.	1954
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
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, 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

* Deceased

Schneider, Wilfred, B.E.	1922	Searle, Glen Hartley, B.A.	1966
Schneider, Wilfred Carl, M.A. (B.A., 1029)	1932	Searle, Hartley Malcolm, B.A.	1932
Schober, Elizabeth Pauline, B.A.	1966	B.Sc.	1935
Schodde, Peter, B.Sc.	1960	Sears, Douglas Barker, Ph.D. (D.Phil., Oxford, 1949)	1965
Schodde, Richard, B.Sc.	1959	Sears, Harold William, B.Sc.	1943
Schoff, Richard Frederick, B.App.Sc. (B.Tech., 1962, surrendered)	1964	Searson, William George, B.E.	1953
Scholar, Ernest, B.A.	1941	Seaton, Arthur John, B.E.	1960
Scholefield, Andrew James, B.A.	1964	Secomb, Kevin Sidney, B.A.	1966
Scholefield, Judith Ellen, B.A.	1962	Secombe, Margaret Joyce, B.A.	1962
Scholefield, Robert Melville, B.A.	1965	Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1959
Scholz, William Herbert, M.B., B.S.	1954	Sedgwick, Antony William, B.A. (Birmingham, 1955)	1959
Schomburgk, Ian Charles, B.Tech.	1962	Seary, Keith John, B.Tech.	1958
Schomburgk, Pauline Elizabeth, B.A.	1961	Seedsman, Donald John, B.Sc.	1948
Schroder, Ernest William, B.E.	1955	Seedsman, Kenneth Reginald, B.Sc.	1951
Schroder, Harold, B.E.	1961	Seekamp, Jack Victor, B.Ag.Sc.	1942
Schroder, Judith, B.Sc.	1950	Seeliger, Mark Trevor, B.Ag.Sc.	1965
Schroeder, James Alfred, B.Sc.	1961	Seevaratnam, Joy Anandan, M.B., B.S.	1960
Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1960	Seglenicks, Zigurds, M.B., B.S.	1955
Schubert, David Arthur, B.A.	1964	Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1945
Schubert, Frank Helmut, B.A.	1934	Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1922
Schubert, Heather Jean, B.A.	1962	Seidel, Ronald Desmond, B.Tech.	1965
Schubert, Jane Helen, B.A.	1962	Seidler, Jan Hynek, M.Sc. (B.Sc., 1950)	1954
Schubert, Mark Theodor, B.Sc.	1965	Seipolt, Kevin Bruce, B.Sc.	1966
Schudmak, Henry, M.B., B.S.	1949	Seith, Wolfram Immanuel, M.B., B.S.	1949
Schuetz, Harold Edwin, B.A.	1953	Selge, Bill, M.B., B.S.	1965
Schuller, Wendy Margaret, B.Sc.	1960	Selge, Heather Bernice, B.A.	1959
Schultz, Gordon Ray, B.A.	1950	Sellers, Ada, B.A.	1928
Schultz, Jeffrey Elmore, B.Ag.Sc.	1963	Sellick, Robert, B.A.	1966
Schultz, Lance Franklin, B.A.	1965	Selth, Donald Victor, B.A.	1949
Schultz, Leslie John, B.Tech.	1962	Selth, Geoffrey Poole, B.A.	1951
Schultz, Roland Felix, B.A.	1964	Semler, Clifford Gerhardt, M.B., B.S.	1940
Schultz, Roydon Donald, B.Sc.	1954	Semler, Janet Claire, B.Ec.	1961
Schulz, Ernst Adolph, B.E.	1931	Semmens, Francis John, B.Sc.	1928
Schulz, Gerhard Ernst Otto, Ph.D. (Dr. Phil., Leipzig, 1958)	1964	Semmler, Clement William, M.A. (B.A., 1936)	1938
Schulz, Margaret Ruth, B.Sc.	1958	Semple, Kenneth Hugh, B.A.	1950
Schulz, Peter Kasimir, M.Sc. (B.Sc., 1959)	1963	Seneta, Eugene, M.Sc. (B.Sc., 1963)	1965
Schulz, Robert George, M.B., B.S.	1947	Senior, Judith Rae, B.Sc.	1955
Schulz, Robert Verdun, B.Sc.	1965	Senior, Lionel Rupert, B.Sc.	1929
Schulze, Howard Kenneth, B.Tech.	1965	B.A.	1947
Schumacher, Colin Stephen, B.E.	1954	Senior, Rex Clifton, M.B., B.S.	1952
Schumacher, Mavis Noreen, B.A.	1963	Seow, Hood Jin, Winston, B.E.	1965
Schunke, Richard Hugh, B.Sc.	1959	Seppelt, Brian Maxwell, B.Sc.	1960
Schuppan, Dene Thomas, B.Tech.	1959	Seppelt, Ian Howe, B.Sc.	1932
Schutz, Raymond Alfred, B.E.	1949	Seppelt, Yvonne Granville, M.B., B.S.	1946
Schwab, Gordon Ernest, Ph.D. (B.Sc., 1950)	1965	Sergeant, Jacqueline Anne	1966
Schwartz, Barry Walter, B.E.	1959	Sergeant, Maxwell Stuart, LL.B.	1934
Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959	Seumahu, Eliza Stefanus, B.Tech.	1961
Schwarz, Eugene Robertson, B.Sc.	1939	Sexton, Edgar Raymond, B.A.	1931
Schwarz, Philip John David, M.B., B.S.	1957	Sexton, Dean Jefferies, M.B., B.S.	1960
Schwarz, Rodney Lawrence, B.Tech.	1965	Sexton, Robert Raymond, B.Tech.	1961
Scobie, John Hedger, M.B., B.S.	1949	Sexton, Robert Thomas, B.Tech.	1963
Scoble, Sidney John, B.A.	1936	Seymour, Anthony Elliot, M.B., B.S.	1963
Scollin, James, B.D.S.	1932	Seymour, Patrick William, Ph.D. (A.N.U., 1962)	1965
Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928	Shadlow, Agnes Jean, B.A.	1966
Scott, Colin Muers Steele, M.B., B.S.	1965	Shakes, Brian Douglas, B.E.	1959
Scott, Douglas Cussen, B.Sc.	1955	Shakes, David James, M.B., B.S.	1955
Scott, Geoffrey Frank, B.Tech.	1964	Shanahan, Margaret Carmel, B.A.	1956
Scott, Graham McLennan, B.Ec.	1966	Shanahan, Michael Francis, M.B., B.S.	1956
Scott, Jeffrey Frank, LL.B.	1949	Shanahan, Patrick William, M.B., B.S.	1928
B.Ec.	1955	Shanahan, Terence John, B.Ec.	1965
Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953	Shanks, Shirley Rae, M.Sc.	1965
Scott, Nigel Steele, Ph.D. (B.Ag.Sc., 1961)	1966	Shannon, James Stanley, B.Sc.	1949
Scott, Patricia Anne, B.A.	1964	Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Scott, Paul Raymond, Ph.D.	1964	Shannon, Richard John, B.E.	1949
Scott, Philip Earle, B.E.	1964	Shapley, William George, B.E.	1952
Scott, Roland Alexander David Byron-, B.Sc.	1954	Sharley, Aubrey Neville, B.E.	1954
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1960	Sharley, Elma May, B.A.	1937
Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1913	Sharma, Romesh, M.B., B.S.	1954
Scragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946)	1955	Sharman, Arthur Edward, B.E.	1926
Scragg, Walter Robert Lambert, B.A.	1950	Sharman, Ethel Olive, B.A.	1915
Scriven, Murray Walter, B.A.	1947	Sharman, George, B.Ec. (B.Sc. (Econ.), London, 1950)	1963
Scriven, Wilton Maxwell, B.Sc.	1953	Sharman, George Campbell, B.A.	1966
Seroop, Garry Campbell, M.B., B.S.	1962	LL.B.	1966
Scrymgeour, Peter Robert, B.E.	1956	Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955
M.Arch.	1964	Sharp, Warren Player, B.Ec.	1954
Seaman, Gilbert Frederick, B.Ec.	1935	Sharpe, Edmund John, B.E.	1932
Seaman, Keith Douglas, B.A.	1951	Shaughnessy, Peter Douglas, B.Sc.	1963
LL.B.	1955	Shaw, Alice Mary Stockdale, B.A.	1929
Seaman, Robert Scott, B.Sc.	1958	Shaw, Allan, B.E. (B.M.E. (New York), 1953)	1962
Seamark, Robert Frederick, B.Ag.Sc.	1959	M.E.	1966
Searcy, Robert Philip, B.Ec.	1962		
Searle, Clifford Alfred James, B.A.	1937		
Searle, Frederick John, B.A.	1902		

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Shaw, Elizabeth Anne, Ph.D.	1966	Siliakus, Hendricus Johannes, M.A. (B.A., (Birmingham, 1954) 1960)	1966
Shaw, James Barry, B.Sc.	1904	Silsbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958)	1959
Shaw, Joan Hambly, B.A.	1947	Silver, Graham Bindley, B.E.	1960
Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933	Silver, Harold, B.E.	1956
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955	Silver, Meredith May, M.B., B.S.	1957
Shaw, Peter John Randall, B.Sc.	1949	Silver, Malcolm David, M.B., B.S.	1957
Shea, Brian Joseph, M.B., B.S.	1951	Silver, Phillip Laurence, B.E.	1957
Sheard, Joan Philippa, B.A.	1955	Sim, Cheek Lim, B.E.	1961
Shearer, Clifford George Tregaea, B.A. B.Ec.	1931 1937	Sim, See Kee, B.Tech.	1965
Shearer, Graham Robert, B.Sc.	1965	Sim, Swee Liang, M.B., B.S.	1965
Shearer, Harvey Albert, B.A.	1936	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Shearer, Ivan Anthony, LL.M. (LL.B., 1960)	1965	Simes, Irene Pamela, B.Sc.	1956
Shearer, Peter Herbert, B.Tech.	1961	Simes, Robert Lawson, B.Tech.	1960
Shearer, Robert Clifford, M.Ag.Sc. (B.Ag.Sc., 1959)	1964	Simms, John, B.E.	1956
Shedley, Alfred Charles, B.Sc.	1919	Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948
Sheedy, Redmond Stuart Parnell, M.B., B.S.	1952	Simmonds, Douglas Thomas, B.Tech.	1958
Shekleton, Peter Reginald, B.A.	1957	Simmonds (nee Cossich), Lorraine, B.A.	1957
Sheldon, John Charles, Ph.D. (Nottingham, 1956)	1963	Simmonds, Rachel Elizabeth, B.A.	1948
Shepherd, Stanley Maxwell, B.Sc.	1948	Simmons, David Winston, LL.B.	1962
Shepherd, Alan David, B.E.	1962	Simmons, Donald William, B.Ec. B.A.	1949 1964
Shepherd, David Wickham, M.B., B.S.	1938	Simmons, Geoffrey Clive, B.Sc.	1945
Shepherd, Elizabeth Miriam, B.A.	1947	Simmons, Marie Yvonne, B.A.	1952
Shepherd, Geoffrey Lincoln, LL.B.	1930	Simon, Anthony Robin, B.Sc.	1966
Shepherd, John Alfred, B.A.	1929	Simon, John Gary, B.Sc.	1965
Shepherd, John Henry, B.A.	1935	Simon, John Howard, B.Tech.	1965
M.Sc. (B.Sc., 1942)	1947	Simon, Robin Alfred, B.E.	1962
Shepherd, Kenneth John, M.E. (B.E., 1961)	1966	Simons, Alfred, M.B., B.S.	1942
Shepherd, Kenneth William, Ph.D. (B.Ag.Sc., 1956)	1964	Simons, Arthur Nicholas, B.Sc. M.B., B.S.	1951 1958
Shepherd, Peter Byron, M.B., B.S.	1957	Simons, David Henry, B.Ag.Sc.	1960
Shepherd, Reginald George, B.Sc.	1953	Simper, Douglas Alan, B.Mus.	1966
Shepherd, Scoresby Arthur, LL.B. B.A.	1958 1959	Simpson, Alfred Moxon, B.Sc.	1930
Shepherd, Stuart MacGregor, M.B., B.S.	1964	Simpson, Antony Allen, B.E.	1965
Shepley, Arthur Raymond, B.Sc. B.E.	1923 1924	Simpson, Brian Clifton, B.Sc.	1960
Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1956	Simpson, Donald Allen, M.S. (M.B., B.S., 1949)	1964
Shepley, Kathryn Florence, B.Sc.	1960	Simpson, Frederick William, M.B., B.S.	1934
Shepley, Leslie Herbert Hamilton, LL.B.	1909	Simpson, Helen Edith, B.Sc.	1962
Sheppard, Graham Barry, B.Tech.	1962	Simpson, Hugh Denney, B.Sc. B.A.	1920 1921
Sheppard, Mark Yeatman, M.B., B.S.	1942	Simpson, John James, B.Sc.	1966
Sheppard, Robert Alexander William, B.Sc.	1942	Simpson, Penelope Margaret, B.Sc.	1949
Sherwin, Anita Louise, B.Sc.	1966	Simpson, Richard Charles Longrigg, B.Tech.	1962
Sherwin, Carolyn Alice, B.Sc.	1961	Simpson, Robert Allen, B.E.	1934
Sherwin, Rolf Morton, B.Ec.	1960	Sims, Barry Alan, B.Sc.	1964
Shield, Judith Adelaide, B.A.	1948	Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1957
Shierlaw, Howard Alison, LL.B.	1902	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948
Shierlaw, Norman Craig, B.E.	1949	Sims, Milton Reginald, B.D.S.	1950
Shimmin, Edward William, B.E. B.Sc.	1963 1964	Sims, Roxv, B.A.	1933
Shinkfield, Anthony James, B.A.	1955	Sims, William George, B.Sc.	1957
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1953	Sinclair, David Foulis, B.Sc.	1964
Shinkfield, Marian Ruth, B.A.	1949	Sinclair, Donald Keith, B.Sc.	1966
Shinkfield, Roger John, B.E.	1954	Sinclair, Graham Robert, M.B., B.S.	1965
Shirpurkar, Gajanan Ramchandra, M.Sc.	1949	Sinclair, Roger Wilson, B.Sc.	1966
Shoebidge, Ivan, LL.B.	1929	Sinclair, Walter Gordon Clyde, B.Sc.	1923
Short, David Charles, B.E.	1956	Sinclair, William Malcolm, M.B., B.S.	1911
Short, David Weddell, M.B., B.S.	1940	Sincock, Janette Muriel, B.A.	1963
Short, Jill Imogen, B.Sc.	1966	Sindhu, Santokh Singh, M.B., B.S.	1959
Short, Kerwin Alfred Robert, B.E.	1927	Singh, Amrao, B.E.	1958
Short (nee Stephens), Lillian Mary Theak- stone, M.A. (B.A., 1907)	1938	Singh, Narindar, M.B., B.S.	1958
Short, Marlene Blanche, B.Sc.	1966	Singh, Prithvipall, M.B., B.S.	1958
Shortridge, Dennis Thorman, M.B., B.S.	1938	Singh, Rajendra, Ph.D.	1953
Shoubridge, Rex, B.Tech.	1963	Singh, Rudra Pratap, Ph.D.	1962
Shrowder, Ronald Louis, B.A.	1940	Singh, Thanwant, M.B., B.S.	1961
Shub, Samuel, M.B., B.S.	1953	Singham, Ratmasingam Bala, M.B., B.S.	1961
Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895	Sinnott, Patricia Margaret, B.A.	1956
Shutt, Donald Allen, B.Sc.	1959	Siregar, Panusunan, B.E.	1962
Shutt, Murray Laurence, LL.B.	1961	Siregar, Togi, B.E.	1962
Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950	Sivour, Neil Graham, B.Tech. (surrendered 1962)	1958
Sibthorpe, Gwennyth, M.B., B.S.	1946	B.App.Sc.	1962
Sickert, John William, B.Tech.	1963	Sizer, Marion Betty, B.Sc.	1954
Sidhu, Harcharan Singh, M.B., B.S.	1958	Skabe, Dace Anna, B.Sc.	1963
Sieber, Clarence Bertram, B.E.	1926	Skerritt, Paul Wilfred, M.B., B.S.	1966
Siebert, Brian David, B.Sc.	1959	Skewes, Edward Foster, LL.B.	1917
Siegele, John Louis, B.Sc.	1945	Skinner, Brian John, B.Sc.	1950
Siegele, Roger Brian, B.E.	1962	Skinner, Cecil Reginald Allenby, B.E.	1949
Siegele, Trevor Martin, B.Ec.	1958	Skinner, Helen Catherine Wild, Ph.D.	1959
Stevens, Hans Hermann, LL.B.	1966	Skinner, Sandford Lloyd, M.D. (M.B., B.S. 1958)	1962
Sighin, Max, M.B., B.S.	1954	Skipper, John Stark, M.B., B.S.	1944
Sigmont, Victor Charles, B.A.	1950	*Skipper, Stanley Herbert, LL.B.	1901
Siksnas, Arnis, B.E.	1960	Skopal, Karl John Matthew, R.D.S.	1962
		Skuce, Beryl Marion Rebecca, B.A.	1934

* Deceased

Skurray, Geoffrey Richard, B.Sc.	1966	Smith, Ian Robert, B.Sc.	1966
Sladdin, John Naulty, M.B., B.S.	1953	Smith, Iris Eileen, B.A.	1930
Slade, Antony Michael, M.A. (Bristol, 1961)	1962	Smith, Ivan Ford, B.A.	1953
Slade, John Harman, M.B., B.S.	1946	Smith, Jack Edwin, B.Sc.	1934
Slade, Kathleen Nellie, B.A.	1942	Smith, James Clyde, B.E.	1938
Slade, Phillip Garland, B.Sc.	1962	Smith, James Wearing, B.E.	1924
Starks, Geoffrey Herbert, B.E.	1954	Smith, Jennefer Anne Vickridge, B.Sc.	1960
Slater, Allan, B.E.	1953	Smith, Jennifer Stewart, B.Sc.	1964
Slater, John Mason, B.E.	1962	Smith, Joan Frances, B.A.	1948
Slattery, Francis James, B.E.	1952	Smith, John Andrew Stanley, M.B., B.S.	1964
Slattery, Mary, B.A.	1931	Smith, John Bertrand, B.Sc.	1943
Slaughter, Colin Sidney, B.E.	1954	Smith, John Fife, B.A.	1929
Slaven, William Trevor, B.Sc.	1966	Smith, John Henderson, B.Sc.	1962
Slaytor, William John Hayden, B.A.	1959	Smith, John Henry, B.A.	1959
Slee, Dugald Haughton, B.Sc.	1930	Smith, John Jeffreys, LL.B.	1932
B.A.	1932	Smith, John Lewis, B.Ag.Sc.	1964
Slee, Graham Haughton, B.E.	1959	Smith, John Royle Casley, B.Sc.	1957
Slee, Ian Bruce, B.A.	1950	M.B., B.S.	1959
Slee, Walter Vernon, B.Sc.	1959	Smith, John Wasley, M.B., B.S.	1953
Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915)	1927	Smith, John Wilton, M.Sc. (B.Sc., 1952)	1961
Sleeman, William John, M.B., B.S.	1947	Smith, Keith, LL.B.	1953
Sleigh, Robert Carl, B.Tech.	1960	Smith, Keith Kenneth Masefield, B.A.	1942
Slerka, Dalibor, B.A.	1965	Smith, Keith Viner, M.B., B.S.	1939
Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England)	1956	Smith, Kenneth Wilmot Vernon, B.E.	1937
Sloan, Ian Hugh, M.Sc.	1963	Smith, Kevin William, B.Sc.	1964
Sloan, Robert David, B.A.	1964	Smith, Louis Campbell, B.Ag.Sc.	1951
Sloman, Arthur Raymond, B.Sc.	1937	Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	1914
Smailes, Peter John, M.A. (Manchester 1961)	1964	Smith, Louisa McIntosh, M.A. (Mount Holyoke, 1958)	1966
Smale, Thomas Charles, B.A.	1950	Smith, Lynden Rae Forbes, M.B., B.S.	1953
Smallacombe, Roy Frederick, B.A.	1953	Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	1958
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951	Smith, Malcolm Lawrence, B.E.	1966
Smart, Lawrence Maxwell, B.D.S.	1950	Smith, Mary, M.A. (B.A., 1930)	1932
Smeaton, John Anthony, B.E.	1939	Smith, Mary Theresa, B.A.	1935
Smeaton, John Richard, B.Ag.Sc.	1963	Smith, Maxwell Herbert, B.Sc.	1940
Smeaton, Timothy Clive, B.Ag.Sc.	1965	Smith, Maxwell John, B.A.	1966
Smerdon, David Rutherford, B.D.S.	1951	Smith, Melva Estelle, B.A.	1942
Smerdon, John Rutherford, B.D.S.	1946	Smith, Mervyn Keith, M.B., B.S.	1944
Smibert, George James, M.B., B.S.	1954	Smith, Michael Austin, B.A.	1961
Smildzins, Astrida, B.Sc.	1963	Smith, Murray George, B.E.	1954
Smith, Adrian Milton, B.Ec.	1949	Smith, Murray Vernon, B.Ag.Sc.	1964
*Smith, Alfred Earle, LL.B.	1937	Smith, Pamela Darien, B.A.	1954
Smith, Alick Hardy, B.A.	1948	Smith, Peter Brian, M.B., B.S.	1954
Smith, Aloysius Daly Virgilius, M.B., B.S.	1928	Smith, Primrose Mary Viner, B.A.	1940
Smith, Andrew Burden, B.E.	1966	Smith, Ralph Newman, B.Tech.	1964
Smith, Annie Ethel, B.A.	1935	Smith, Raydon Berry, B.E.	1917
Smith, Barry Whitmore, B.A.	1956	Smith, Raymond Thomas, B.Sc.	1932
Smith, Bernard Maurice, B.E.	1964	Smith, Rayner Whitmore, M.B., B.S.	1953
Smith, Brian Arnold, B.E.	1940	Smith, Richard John, B.Tech.	1964
Smith, Brian Ewan, B.E.	1962	Smith, Richard Milne, M.Sc. (B.Sc., 1948)	1959
Smith, Brian Hartley, B.E.	1950	Smith, Richard Victor, B.Sc.	1966
Smith, Cairns William Villeneuve, LL.B.	1951	Smith, Richard Waldemar Law, B.A.	1955
Smith, Cecil Teesdale, M.A. (B.A., 1944)	1945	Smith, Robert Brenton, B.E.	1966
Smith, Cedric Alfred Neal, B.Ag.Sc.	1933	Smith, Robert Frederick Ingram, M.A. (B.A., 1963)	1965
Smith, Charles Bruce Powell, B.A.	1966	Smith, Robert William, B.A. (Western Australia, 1958)	1966
Smith, Colin Victor, B.A.	1922	Smith, Rodney Burden, B.E.	1959
Smith, Daisy Maude, B.A.	1961	Smith, Roger, M.E. (B.E., 1956)	1959
Smith, David Aitchison, B.Sc.	1931	Smith, Roger Alan, B.Sc.	1965
Smith, David Carswell, B.A.	1961	Smith, Roger Francis Cooper, B.Sc.	1962
Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc., 1951)	1961	Smith, Ronald Norman, B.E.	1933
Smith, David Gordon Law, M.B., B.S.	1953	Smith, Ronald Sydney, B.Sc.	1966
Smith, David Nichol, D.Litt. (Camb.)	1951	Smith, Ross Charles, B.Tech.	1960
Smith, David Raymond, B.Ec.	1963	Smith, Ross Trevor, B.A.	1966
Smith, Dene Martindale, B.D.S.	1955	Smith, Sheila Ann, M.A. (London, 1956)	1963
Smith, Dens Jeffery, B.Sc.	1962	Smith, Sheila Isabel Wesley, B.A.	1944
Smith, Derek Leon, M.A.	1965	Smith, Sidney William, B.E.	1937
Smith, Donald Stevenson, M.B., B.S.	1957	Smith, Sinclair Joseph, M.B., B.S.	1955
Smith (nee Gardner), Edith Josephine Viner, B.A.	1906	Smith, Stuart Meldrum, B.A.	1949
Smith, Edward Mackie, B.E.	1939	Smith, Terence Norman, B.E. (Sydney, 1953) Ph.D.	1960
Smith, Edward Rowland, B.Sc.	1942	Smith, Terence William, M.B., B.S.	1962
Smith, Ewart Austral, M.B., B.S.	1951	Smith, Thomas George, B.Sc.	1962
Smith, Felicia Helen, B.A.	1966	Smith, Vera Lisnagore, B.A.	1934
Smith, Frank Berry, D.Sc. (B.Sc., 1903)	1937	Smith, Walter Leonard, M.B., B.S.	1914
Smith, Frank Stewart, M.B., B.S.	1956	Smith, William Frederick, B.Sc.	1962
Smith, Gavin Viner, M.B., B.S.	1937	Smith, William Irving Berrv, B.Sc.	1940
Smith, George Maxwell, B.A.	1961	Smolicz, Jerzy Jaroslaw, Ph.D. (Edinburgh, 1960)	1966
Smith, Gordon Wearing, M.B., B.S.	1925	Smyth, David Robert, B.Sc.	1965
Smith, Grahame John Cooper, B.Sc.	1961	Smyth, Isabel Agnes Ekin, B.A.	1905
Smith, Graham Robert Hay, B.Tech.	1960	Smyth, Michael Ewers Bayne, B.Sc.	1960
Smith, Harold Reid, LL.B.	1939	Smyth, Robert John, B.Sc.	1963
Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956	Smyth, Robert Walter, Ph.D. (B.E., 1955)	1960
		Snelling, Peter John, B.Tech.	1959

* Deceased

Snewin, Gwendoline Marjorie Jean, B.A.	1925	Spencer, Margaret Elizabeth, M.B., B.S.	1966
Snewin, John Arthur, LL.B.	1951	Sperber, Joan Ilma, B.Sc.	1955
Sng, Bock Thiam, B.Sc.	1966	Spitz, Francis, B.Ec.	1956
Snoswell, Alan Marlow, Ph.D. (B.Sc., 1956)	1961	Spitz, Joan Ilma, B.Sc.	1955
Snow, Richard Adrian Wilfrid, B.D.S.	1940	Spitzer, Alex George, M.B., B.S.	1962
Snow, Wilfred Rippon, B.E.	1914	Spitzer, Peter, B.Ec.	1964
Snowden, Brian Newton, B.Arch.	1961	Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	1949
Snowden, Janette Daphne, B.A.	1958	Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950)	1960
Soar, Anthony James, B.E.	1961	Spratt, James Arthur Henry, B.Sc.	1957
Soar, Dudley Turner, B.Ec.	1951	B.A.	1958
Sobey, Iris Beatrice, B.A.	1944	Sprigg, Patricia Amy, B.A.	1943
Sobey, Reginald Roberts, M.B., B.S.	1942	Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941)	1944
Sobolewski, John, B.E.	1962	Springis, Rasma, B.A.	1966
Sobolewski, Victor Conrad, B.E.	1965	Sprod, Thomas Daniel, B.A.	1951
Sodhy, Sheila, B.Sc.	1964	Spruhan, Bridget Catherine, B.A.	1933
Soebroto, Oentoeng, B.Ec.	1955	Spry, Alan Herbert, M.Sc. (B.Sc., 1949)	1951
Soh, Bee Koon, B.E.	1962	Spurling, Graham George, B.Tech.	1960
Soh, Gwek Neo, B.Sc.	1965	Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945)	1953
Soh, Kim Khoe, B.E.	1966	Spurr, Pamela Joan, B.A.	1963
Sollas, William Johnston, D.Sc. (Cambridge)	1914	Spurr, Robert Thomas, B.Sc.	1948
Solly, Janet Elizabeth, M.B., B.S.	1952	Spurway, John Horton, M.B., B.S.	1951
Solly, William Warburton, B.Sc.	1948	Sreenevasan, Gopal Ayer, M.B., B.S.	1952
Solomon, George Herbert, M.B., B.S.	1927	Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941)	1955
Solomon, Helen Ethel, LL.B.	1935	Stace, John Hamilton, M.B., B.S.	1943
Solomon, Peter Louis, B.Ec.	1964	Stacey, Barrie Graham, B.E.	1964
Solomons, Barnet, M.B., B.S.	1922	Stacey, Helen Jean, B.A.	1964
Solomons, Phillip Roland Nathan, LL.B.	1960	Stacey, Thomas Allen, B.Ag.Sc.	1959
Solula, Leo, B.Med.Sc.	1965	Staciunas, Jonas, B.Tech.	1965
Somerset, Forbes Mitchell, B.E.	1941	Stacy, John Michael Sholto, B.E.	1951
Somerville, Archibald Shierlaw Ralph, LL.B.	1922	Stacy, Margaret Ruth, B.Sc.	1955
Somerville, Christopher Malcolm, B.D.S.	1952	Stacy, Robert Paul, B.Sc.	1963
Somerville, Dorothy Christine, B.A.	1918	Staer, Peter Alfred, M.B., B.S.	1958
LL.B.	1921	Stafford, Roland Garry, B.Sc.	1961
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	1919	Stafford, Trevor John, B.E.	1966
Somerville, Sessa Lewin, B.A.	1916	Stagg, Ross Smith, B.E.	1955
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	1959	Stahl, Margaret Anne, B.Sc.	1957
Somogyi, Jozsef Laszlo Ferenc, M.B., B.S.	1964	Stain, Maxwell Wright, B.D.S.	1944
Soper, Graham Michael, B.Ec.	1957	Staker, Robert, Ph.D. (B.E., 1956)	1961
Sorrell, Margaret Walter, B.A.	1925	Stalley, Douglas John, M.Ec. (B.Ec., 1947)	1955
Sosula, Leo, B.Med.Sc.	1965	Stalley, Joan Charmian, B.Sc.	1955
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	1959	Stam, Robert Edward, M.B., B.S.	1949
Soukup, Dorothy Mavis, M.B., B.S.	1951	Stanbury, Dennis George, M.B., B.S.	1957
Souter, Brian Heylen, B.D.S.	1956	Stanbury, Gretel Mary, M.Sc.	1962
Souter, Douglas Todd, M.B., B.S.	1949	Stanbury, Peter John Terence Cathcart, Ph.D. (B.Sc., 1957)	1963
Souter, Harry Standley, B.Tech.	1963	Stanley, Allen David, B.E.	1949
Souter, Robert John de Neufville, M.B., B.S.	1923	Stanley, Brian Charles, LL.B.	1953
South, Peter Moncrief, B.Sc.	1956	Stanley, Laurence John, LL.B.	1925
South, Ronald Robert, B.D.S.	1951	Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	1954
Southcott, Alan Lindsay, B.E.	1964	Stanley, Raymond John, B.Sc.	1961
Southcott, Jean Wauchope, B.A.	1921	Stanton, Robert Anthony, B.D.S.	1950
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	1957	Stapledon, David Hiley, M.Sc. (B.Sc., 1951)	1962
D.Sc.	1962	Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Southcott, Rosemary Enid, B.Sc.	1954	Staples, Roy William Frederick, B.E.	1957
Southcott, William Thomas, B.Tech.	1964	Stark, Alan Edmund, B.A.	1954
Southgate, Deane Oakford, M.B., B.S.	1955	Staska, Jan Frantisek, M.B., B.S.	1964
Southgate, Peter Thomas, M.B., B.S.	1965	Staska, Zdenek, M.B., B.S.	1961
Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920	Statters, Robert Joseph, B.Tech.	1961
M.S.	1925	Statton, Arthur Knight, B.Sc.	1922
Southwood, Dean Milton, M.B., B.S.	1963	Statton, Josiah William, B.Sc.	1921
Southwood, Harry Milton, B.Sc.	1936	Statton, Keith Jeffery, M.B., B.S.	1944
M.D. (M.B., B.S., 1932)	1943	Staude, Clarence Herman, B.A.	1947
Southwood, Richard Taunton, M.B., B.S.	1956	Staunton, John William Patrick, B.Tech.	1966
Sowden, Kenneth Edward, B.Tech.	1964	Stead, Ian Arthur, B.D.S.	1965
Spain, Brian James, B.E.	1956	Stead, Sydney Arnold, B.Sc.	1933
Spalvins, Janis Gunars, B.Ec.	1959	Stearne, John McKenzie, Ph.D. (B.Sc., 1958)	1964
Spark, Mavis Constance, B.A.	1947	Steel, Barry John, B.Sc. (Western Australia, 1955)	1960
Sparrow, Colin James, B.Tech.	1966	Steel, Roy Desmond Charles, B.Sc.	1958
Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952)	1962	Steel, Terence Melville, B.Sc.	1961
Sparrow, Lorna Discombe, M.A. (B.A., 1930) B.Ec.	1941	Steele, David Macdonald, M.B., B.S.	1909
Sparrow, Maxwell Elliott, B.E.	1934	Steele, David Macdonald, M.B., B.S.	1955
Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	1954	Steele, Donald Macdonald, M.B., B.S.	1919
Speden, Ross Noel, Ph.D. (D.Phil., Oxford, 1963)	1965	Steele, Ian Macdonald, M.B., B.S.	1948
Speed, Isobel Ethel, M.B., B.S.	1957	Steele, John Kevin, B.Ec.	1954
Speirs, William McMillan, B.A.	1949	Steele, Laurence Russell, B.E.	1940
Spence, Colin Everett, B.A.	1958	Steele, Robert Ernest, M.B., B.S.	1952
Spence, David Norman, M.B., B.S.	1957	Steele, Robert Thornborough, M.B., B.S.	1942
Spence, Robin Douglas James, M.B., B.S.	1957	Steele, Ronald John, B.Sc.	1966
Spencer, Donald, Ph.D.	1953	Steele (nee Morris), Shirley Victoria, LL.B.	1933
Spencer, Leslie Brian, B.Sc.	1951	Steele, William Lynn, B.Arch.	1966
		Stege, Karlis Martins, B.Sc.	1966

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Stegemann, Hannerose, M.B., B.S.	1966	Stodart, Barbara Joan, B.A.	1953
Steiner, Marie Ann, B.A.	1966	Stodart, Donald McLean, B.E.	1951
Steinert, Peter Malcolm, B.Sc.	1966	Stodart, Douglas Alan, B.Tech.	1964
Steingraber, Anna Martha, B.A.	1962	Stoddart, Harold William Downing, M.B., B.S.	1911
Steinhardt, Suzanne, B.A.	1965	Stokes, Anne, B.Sc.	1943
Steinle, John Richard, B.A.	1958	Stokes, Charles Herbert, B.A.	1956
Stenson, Lewis Murray Donaldson, B.Arch.	1963	Stokes, John, M.A. (B.A., 1947)	1948
Stepanas, Antanas Vytautas, B.Med.Sc.	1965	Stokes, John Barrymore, M.B., B.S.	1951
Stepanovs, Leonids Lonka, M.B., B.S.	1958	Stokes, John Lewis, M.B., B.S.	1941
Stephens, Charles Francis, B.Sc.	1897	Stokes, Judith, B.A.	1947
Stephens, Charles George, M.Sc. (Tasmania, 1931)	1941	Stokes, Laura Joan Hartley, B.Sc.	1940
D.Sc.	1950	Stokes, Roger David, B.E.	1962
Stephens, Clement John, B.A.	1959	Stoll, Brigitte, B.A.	1966
Stephens, Ella Mary, B.A.	1915	Stoll, Dorothee Friederike, B.A.	1963
Stephens, Eric Govne, B.Sc.	1912	Stoll, Ruth Sophie, B.A.	1955
Stephens, John Felton, M.Sc. (B.Sc., 1953)	1957	Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Stephens, Peter Donald, B.Sc.	1959	Stolz, Kate Sophie, B.A.	1909
Stephens, Lawrence John, B.A.	1962	Stone, Beverley Maxine, B.A.	1966
Stephens, Richard Clarence, B.D.S.	1951	Stone, Brian Francis, B.Arch.	1963
Stephens, Sylvester Kevin, B.E.	1951	Stone, Brian James, B.Sc.	1959
Stephenson, James Lewis, B.Ec.	1944	Stone, Peter Clargo, B.E.	1962
Stephenson, Jan Lewis, B.Sc.	1965	Storch, Wilhelm Murray, B.A.	1938
Stephenson, John Ph.D. (London, 1964)	1965	Storer, Brian Thomas, M.B., B.S.	1962
Stephenson, John Roy Becket, B.A.	1952	Storer, Gerald Burdon, B.Sc.	1952
Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943	Storer, Laurel Jean, B.A.	1937
Stephenson, Thomas Howard, B.E.	1933	Storer, Robin George, Ph.D. (B.Sc., 1959)	1964
Stern, Leon Max, M.B., B.S.	1956	Story, Gordon Malcolm, B.E.	1950
Stern, Walter Ralph, Ph.D. (M.Sc.Agr., Sydney)	1962	Story, Michael John, B.E.	1964
Sterzl, Errol John, B.Sc.	1965	Stott, Douglas Wallace, B.Sc.	1958
Steven, Ian Matheson, M.B., B.S.	1956	Stoutjesdijk, Albert Diederik Johan, M.B., B.S.	1953
Stevens, Alice Cereddwyn, B.Sc.	1963	Strachan, Helen Sandra, B.A.	1966
Stevens, Edgar Loveday, LL.B.	1919	Strachan, James Charles Power, M.B., B.S.	1914
Stevens, Iris Eliza, LL.B.	1960	Stradling, John Burden Maxwell, B.Tech.	1964
Stevens, John Alfred Fortington, B.D.S.	1948	Strange, Audrey Mavis, B.A.	1944
Stevens, John Arnold, B.E.	1958	Strange, Malcolm Leslie, M.A. (B.A., 1939)	1951
Stevens, Julia Loveday, B.A.	1962	Strange, Ronald Glen, B.Ec.	1956
Stevens, Murray Alan, B.Tech.	1962	Stranks, Donald Richard, Ph.D. (Melbourne, 1954)	1965
Stevens, Richard Barrymore, B.E.	1952	Stratfold, Jeffrey Lyall, B.Sc.	1966
Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Stratford, D'Arcy Francis, LL.B.	1964
B.Ec.	1960	Stratmann, Paul Franz, M.B., B.S.	1933
Stevens, Ross Linwood, B.E.	1966	Strawbridge, Albert Gordon, B.A.	1951
Stevens, William Edward, B.E.	1952	Strehlow, Shirley Rosamunde, B.A.	1966
Stevenson, Arthur James, B.E.	1937	Strehlow, Theodor Georg Heinrich, M.A. (B.A., 1931)	1938
Stevenson, Derrance Redford, LL.B.	1962	Strehlow, Theodor James, B.A.	1966
Stevenson, Donald George, M.Sc. (B.Sc., 1950)	1952	Streich, Carl Ivo, M.B., B.S.	1919
Stevenson, Frances Aimee, B.A. (Tasmania, 1923)	1926	Strelnieks, John, B.A.	1966
Steward, Harold Dunning, M.B., B.S.	1951	Stremmel, Allan Arthur, B.E.	1962
Stewart, Alastair Keith McKellar, M.B., B.S.	1951	Stretton, Helena Margaret, B.Sc.	1960
Stewart, Colin Gore, B.A.	1914	Stretton, Hugh, M.A. (Oxford, 1952)	1955
Stewart, Donald Peter Sinclair, B.Ec.	1952	Stribley, Edwin John, M.A. (B.A., 1920)	1925
Stewart, Doris Maud, B.A.	1964	Stribling, Ada Florence, B.A.	1925
Stewart, Edgar Douglas James, B.E.	1947	Strickland, Andrew James, B.A.	1964
Stewart, Geoffrey Daniel, M.B., B.S.	1957	Strickland, Robert Geoffrey, M.B., B.S.	1961
Stewart, Henry William James, B.E.	1952	Stroble, Christian, B.A.	1964
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935)	1935	Strods, Inta Maria, B.A.	1962
Stewart, John Samuel, M.B., B.S.	1939	Stroud, Desmond John, B.App.Sc.	1965
Stewart, John Stewart McKellar, M.B., B.S.	1942	Struenkmann, Uwe, B.Ec.	1965
Stewart, Kenneth Duff, B.Ec.	1958	Stuart, Anthony, B.A.	1964
Stewart, Margaret McKellar, B.A.	1937	Stuart, Cameron Kingston, LL.B. B.A.	1956
Stewart, Paul Rigby, B.D.S.	1962	Stuart, Kenneth Howard, B.Sc.	1966
Stewart, Robert Paul, B.A.	1965	Stuart, Noel Harry, B.Sc., B.E.	1928
Stewart, Vernon Allan Fergusson, M.B., B.S.	1939	Stubber, Leo Anthony, M.B., B.S.	1953
Stewein, Carl Ronald, B.E.	1955	Stubberfield, Denis Roy, B.App.Sc.	1965
Stidston, Matthew Alfred Clement, B.Sc.	1936	Stubbs, Ruth Margaret, Mus.Bac	1959
Stipnieks, Andrejs Pauls, LL.B.	1963	Stuckey, Edward Joseph, B.Sc. M.B., B.S.	1895
Stipnieks, Maija Alma, B.D.S.	1961	Stuckey, Francis Seavington, B.Sc.	1903
Stirling, Andrew John, B.Sc.	1965	Stump, Nicholas Withrington, B.App.Sc.	1966
Stirling, Kenneth George, B.Ec.	1960	Sturmev, Stanley George, M.Ec. (B.Ec., 1950)	1953
Stoate, Theodore Norman, D.Sc. (M.Sc., 1934)	1953	Suck, Margaret Louise, LL.B.	1966
Stoba, David James, B.App.Sc. (B.Tech., 1962, surrendered)	1963	Subagio, Nitipustoko, B.E.	1963
Stobie, Michael John, B.E.	1962	Sudjono, B.Ag.Sc.	1961
Stobie, Peter James, M.B., B.S.	1952	Sudholz, Herbert Frederick, B.D.S.	1930
Stock, Beresford Hannam, B.Sc.	1963	Sudholz, John Robert, B.Ec.	1966
Stock, Murray Clifford, B.Tech. B.Ec.	1958	Sugars, Kingsley John, B.Sc.	1962
Stockbridge, Edgar Lambert, B.E.	1924	Sugg, Bentham Horace, B.A.	1934
Stockbridge, John Keith, M.B., B.S.	1953	Sugg, Bronte Kingsley, B.Ec.	1965
Stockdale, Noel, B.A. (Melbourne, 1951)	1964	Suhanek, Leslie, B.Tech.	1964
Stocker, Shirley Ann, B.A.	1966	Sulan, Charles, B.Ec.	1961
Stockley, Henry William, M.B., B.S.	1954	Sullivan, Denis Raymond, B.A.	1963
		Sullivan, Margaret Rendle, B.A.	1943
		Sullivan, Maxwell Douglas, B.Ec.	1951
		Sullivan, Phillip Grose, B.Sc.	1942

* Deceased

Tate, Max Edwin, Ph.D. (New South Wales, 1961)	1965	Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Tattersall, Ila, B.A.	1944	Thomas, Alfred John Thornley, M.B., B.S.	1949
Tavender, Roy Malcolm, B.Tech.	1962	Thomas, Arthur Robin, B.E.	1936
Tay, Sin Yan, B.E.	1959	Thomas, Barry Alexander, B.Tech.	1964
Taylor, Andrew Leslie, B.Ag.Sc.	1960	Thomas, Brian Gordon, M.B., B.S.	1947
Taylor, Brian Breslin, B.E.	1952	Thomas, David Austin Grenfell, LL.B.	1931
Taylor, Brian John, B.A.	1966	Thomas, David John Saint, B.E.	1932
Taylor, Brian Kenwyn, B.Ag.Sc.	1960	Thomas, David Westwood, B.Med.Sc.	1963
Taylor, Colin Stephen, B.E.	1948	Thomas, M.B., B.S.	1966
Taylor, Darnley Harry Gilmore, B.Ec.	1958	Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955
Taylor, David Hugh, LL.B.	1961	Thomas, Geoffrey Neil, B.Ag.Sc.	1965
Taylor, David John, M.Sc. (B.Sc., 1956)	1963	Thomas, Harold Davey, B.E.	1935
Taylor, Donald William, B.E.	1931	Thomas, Ifor Morris, M.Sc. (Cardiff, 1933)	1949
Taylor, Douglas McLeod, B.A.	1951	Thomas, Jack, B.Sc.	1934
Taylor, Duncan Grant, B.Ec.	1964	Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945
Taylor, Geoffrey Hamlet, M.Sc.	1953	Thomas, Jennifer Mary, B.A.	1960
Taylor, Graham Frank, B.Sc.	1961	Thomas, John Angus, B.Sc.	1948
Taylor, Gregory Frank, B.Ec.	1965	Thomas, John Baden, B.Tech.	1960
Taylor, Herbert Richard, B.A.	1932	Thomas, Joyce Amy, B.Sc.	1949
Taylor, James Bruce, Ph.D. (B.Ag.Sc., 1959)	1965	Thomas, Kay, B.Sc.	1966
Taylor, Janice Gwen, B.Sc.	1964	Thomas, Kenneth Donald, B.A.	1953
Taylor, Jennifer Ann, B.A.	1953	Thomas, Kenneth Hewitson, B.Ec.	1953
Taylor, Jeremy Roy, B.Ec.	1964	Thomas, Lindsay, B.Sc.	1962
Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923)	1954	Thomas, Margaret Helen, B.A.	1934
Taylor, Keith Clarence, B.E.	1957	Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927
Taylor, Kevin Lyle, B.Sc.	1950	Thomas, Martyn William, M.B., B.S.	1966
Taylor, Lindsay Bairstow, B.Sc. (Eng.)	1942	Thomas, Milton, B.Sc.	1950
Taylor, Max Ronald, Ph.D. (Sydney, 1964)	1966	Thomas, Richard Grenfell, B.Sc.	1924
Taylor, Michael Gleeson, M.D. (M.B., B.S., 1951)	1956	Thomas, Richard Murison, B.Sc.	1966
Taylor, Reginald Morton, M.Sc. (B.Sc., 1951)	1962	Thomas, Trevor Wilson, B.A.	1939
Taylor, Robert Herbert George, B.D.S.	1929	Thomas, Walter Warren, B.E.	1951
Taylor, Robert John, LL.B.	1951	Thomas, Wendy Elizabeth, B.Sc.	1962
Taylor, Robert William, B.Sc.	1963	Thomas, Wesley James, B.Sc.	1952
Taylor, Rosemary Joan, B.A.	1960	Thomas, William Lancelot, B.A.	1925
Taylor, Trevor Leon, M.B., B.S.	1962	Thompson, Aileen Joyce, B.Sc.	1950
Taylor, Trevor Roy, LL.B.	1932	Thompson, Alexander McQueen, M.B., B.S.	1937
Taylor, William Fletcher, LL.B.	1963	Thompson, Anthony George, Ph.D. (B.E. (N.Z., 1947) 1959)	1966
Teague, John Fletcher, B.Sc.	1964	Thompson, Anthony William, B.Sc.	1964
Tebecis, Andris Karlis, B.Sc.	1965	Thompson, Arthur Melville, B.Sc.	1936
Teesdale, Verner, M.B., B.S.	1931	Thompson, Basil Clive, B.E.	1955
Teesdale-Smith, Malcolm, LL.B.	1954	Thompson, Bryan William, M.B., B.S.	1957
Teh, Peng Heng, M.B., B.S.	1955	Thompson, Douglas Norman, B.Sc.	1949
Tejwani, Khubo Gianchand, Ph.D.	1952	Thompson, Elaine Joyce, B.A.	1964
Telfer, Douglas Ivan, B.A.	1945	Thompson, Frank Howard, B.A.	1955
Teluk, Jaroslaw Alexander, B.Sc.	1966	Thompson, Frederick Verner, B.Sc. (Eng.)	1948
Temby, Allen Christopher, M.E. (B.E., 1960)	1964	Thompson, Glen Raymond, B.Sc.	1964
Temby, Penelope Claire, B.A.	1966	Thompson, Irving Alexander Anthony, Ph.D. (Cambridge, 1965)	1966
Templer, Dianne Jessie, B.A.	1966	Thompson, Janette Ann, B.A.	1966
Templer, Jeffrey Norman, B.E.	1941	Thompson, Jean Fleming, B.A.	1928
Tennant, Maxine Rita, M.B., B.S.	1951	Thompson, Jessie Mildred, B.A.	1939
Teo, Chiang Boon, B.E.	1961	Thompson, Jill Susan, B.A.	1964
Teoh, Eng Hong, B.Ec.	1965	Thompson, John Evelyn, M.B., B.S.	1955
Teoh, Hoon Leong, B.Ec.	1957	Thompson, John Heath, B.Tech.	1963
Ternan, Verna Joyce, B.A.	1933	Thompson, John Robert, M.B., B.S.	1938
Terrell, Richard Deane, B.Ec.	1958	Thompson, John Ronald, B.D.S.	1941
Terrell, Frederick Edward, M.B., B.S.	1922	Thompson, Kay Judith, B.A.	1965
Terrill, Samuel Ernest, B.Sc.	1927	Thompson, Leonard Arthur, B.D.S.	1950
Terry, Athalie May, B.A.	1961	Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958
Tester, Donald Kenneth, B.Sc.	1951	Thompson, Maxwell Andrew, B.E.	1952
Teubner, Peter John Osmond, B.Sc.	1960	Thompson, Meryl Joan, B.A.	1966
Teusner, Berthold Herbert, LL.B.	1931	Thompson, Neil, B.A.	1966
Teusner, Roger Erskine, LL.B.	1962	Thompson, Noel, B.Sc.	1954
Teusner, Terence Theodor, M.B., B.S.	1959	Thompson, Norman, B.Sc.	1965
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947	Thompson, Philip Wayne, B.Sc.	1964
Texler, Eva, M.B., B.S.	1942	Thompson, Rex Palmerstone, B.Sc.	1948
Texler, Karl Christopher, M.B., B.S.	1950	Thompson, Thomas Alexander, B.Sc.	1896
Tham, Cham Kwong, B.E.	1965	Thompson, William, B.A.	1936
Tham, Toong Seng, B.E.	1965	Thompson, William Douglas, B.Sc.	1966
Tharavanji, Savanati, Ph.D.	1966	Thompson, William Gordon, LL.B.	1959
The, Gregorius Maria Swie Siong, M.E. (B.E., 1960)	1965	Thomson, Beresford John Rodger, B.D.S.	1957
Theng, Kian Goan, Benny, Ph.D. (B.Ag.Sc., 1960)	1965	Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941)	1957
Thiel, Colin Victor, B.Sc.	1943	Thomson, Bruce James, B.Sc.	1950
Thiele, Colin Milton, B.A.	1941	Thomson, Bruce William, B.D.S.	1957
Thiele, James Barnabas, Mus.Bac.	1952	Thomson, Cedric Jeffrey, LL.B.	1951
Thiele, Janet Rosemary, B.A.	1963	Thomson, Gerald Peter Debussy, M.B., B.S.	1961
Thiele, Wayne Kerwin, B.Sc.	1961	Thomson, Ian Alexander, B.Tech.	1958
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935)	1929	Thomson, James Donald, LL.B.	1963
Thiersch, Marie-Louise Mathilde, B.A.	1965	Thomson, Janet Elizabeth, B.Sc.	1956
Thiselton, Malcolm Robert, B.Tech.	1960	Thomson, Joanna Eristoun, B.A.	1948
Thithapandha, Amnuay, B.Sc.	1966	Thomson, John David, B.Tech.	1964
		Thomson, Keith Westhead, Ph.D. (Washington, 1953)	1954

• Deceased

Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Thomson, Linda Lovibond, B.D.S.	1946
Thomson, Peter Pratt, B.Sc.	1965
Thomson, Richard William, B.E.	1964
Thomson, Sydney William, B.D.S.	1930
Thomson, Theodore Roderick, M.B., B.S.	1947
Thomson, Vera Audrey, B.A.	1947
Thong, Choe Loen Raymond, B.E.	1958
Thong, Kar Lum, B.Sc.	1964
Thong, Wing Yip, Albert, B.E.	1962
Thornton, Digby Noel, M.B., B.S.	1951
Thornton, Gayfield Collins, M.B., B.S.	1943
Thorpe, Donald Stephen, B.Sc.	1966
Thorpe, Geoffrey William, B.A.	1955
Thredgold, Beatrice Marie, B.A.	1928
Thredgold, Harold Malcolm, B.Sc.	1965
Threlfall, William Frederick, B.Sc.	1966
Thrower, Dalton Craig, B.Tech.	1961
Thrum, Edward Allen, B.Sc.	1921
B.E.	1924
Thrush, Harry Clifford, B.A.	1915
Thuys, John Gerard, B.Sc.	1964
Thwaites, Neil Harry, B.Tech.	1960
Thyer, Alexander Maitland, M.E. (B.E., 1924)	1936
Thyer, Frederick Lewis, M.B., B.S.	1923
Thyer, George Maitland, B.E.	1962
Thyer, Harold Walford, M.B., B.S.	1964
Thyer, Robert Francis, B.Sc.	1932
Ticli, 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., Queensland, 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, Kenneth Matthew John, B.Sc.	1949
B.A.	1955
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1957
Tillett, Peter Irwin, B.Sc.	1956
B.A.	1963
Tillett, Rodney Colin, B.E.	1961
Tilley, Cecil Edgar, B.Sc.	1914
Tilley, Harold William George, B.Ec.	1964
Tilly, Graham John, B.Sc.	1957
Timcke, Edward Waldemar, B.A.	1920
Tindale, Beryl Rae, B.A.	1948
Tindale, John, B.Sc.	1962
Tindale, John James, B.Ag.Sc.	1961
Tindale, Norman Barnett, B.Sc.	1932
Tindall, Colin James, LL.B.	1957
Tindall, Ronald Graham, B.Sc.	1956
Ting, King Yih, Thomas, B.Sc.	1965
Tipping, Richard Michael, M.B., B.S.	1953
Tiver, Athol, B.Ag.Sc.	1956
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1947
Tiver, Peter Graham, B.A.	1962
Tiver, Ronald Wayland, B.D.S.	1943
Tjokrosbroto, Raden Heroetomo, B.App.Sc.	1963
Tobin, Ashleigh Hambridge, Mus.Bac.	1964
Todd, Arnold Charles, B.E.	1955
Todd, Robert Gordon, B.Ec.	1965
Todd, Ronald Maxwell, B.Tech.	1964
Todd of Trumpington, The Right Honourable Baron; Alexander Robertus Todd, D.Sc. (Glasgow, 1938)	1965
Toh, Kim Thye, B.E.	1959
Tohver, Ilmar, B.D.S.	1955
Tolcher, Vernon Arthur, B.E.	1953
Tolcvay, Julius William, B.Tech.	1965
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Tolmie, Ronald Philip, B.E.	1957
Tomlin, John Anthony, B.Sc.	1963
Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1960
Tomlinson, Betty Mary, B.A.	1939
Tomlinson, William Frederick, M.B., B.S.	1939
Tong, Peggy, B.Sc.	1966
Tonkin, Aubrey Douglas, M.B., B.S.	1951
Tonkin, David Oliver, M.B., B.S.	1953
Tonkin, Donald Geoffrey, B.E.	1953
Tonkin, Jennifer Jane, B.A.	1965
Tonkin, Mary Elizabeth, B.A.	1944
Tonkin, Raymond George, M.B., B.S.	1937
Tonkin, Verna Iris, B.Sc.	1961
Tonkin, William Richards, M.B., B.S.	1921
Toomey, Derek Morton, B.A. (Manchester, 1958)	1961
Toop, Beryl Rachel, B.Sc.	1959
Toovey, Douglas Reginald, B.Ec.	1957
Tooze, Mervyn John, B.Sc.	1947
Topliss, John George, M.B., B.S.	1950
Topperwein, Irwin, M.A. (B.A., 1922)	1924
B.Sc.	1925
Torr, Shirley Constance, B.A.	1944
Torr, Thomas Harold, M.B., B.S.	1953
Tosolini, Frederick Angelo, M.B., B.S.	1964
Tostevin, Alfred Ladyman, M.B., B.S.	1923
Tostevin, Graham Mark, M.E. (B.E., 1953)	1957
Tosukhwong, Pichit, B.Sc.	1966
Tothill, Judith Windebank, B.A.	1953
Tottman, Vance Denzil, M.B., B.S.	1961
Tough, Peter Frank, B.E.	1966
Toussaint, Rose Evangeline, M.B., B.S.	1953
Townsend, Douglas George, M.B., B.S.	1956
Townsend, Herbert Louis, B.A.	1941
Townsend, Norman Charles Wilson, M.B., B.S.	1956
Tozer, Barry Allan, B.E.	1965
Tozer, Ross Leonard, M.B., B.S.	1957
Tracey, Alan James, B.Tech.	1959
Traeger, Anne Patricia, M.B., B.S.	1966
Traeger, Keith Terence, B.A.	1949
Treatman, Frank, M.D. (London, 1892)	1899
Traub, Max, M.B., B.S.	1952
Trauer, Robert, M.B., B.S.	1952
Travers, John Leo, LL.B.	1920
Travers, Paul Brendon, B.Tech.	1963
Treagus, Elaine Mary, B.A.	1966
Treasure, Eunice Jessie, B.A.	1944
Treasure, Valda Beth, B.A.	1951
Trebilcock, David, B.A.	1964
Trebilcock, Dorothy Lorraine, B.A.	1966
Trebilcock, Heather Anne, B.Sc.	1965
Trebilcock, John Bungey, M.B., B.S.	1953
Trebilcock, Michael John, LL.M.	1966
Tregenza, Alan Arthur, B.A.	1949
Tregenza, Jean Florence, B.A.	1955
Tregenza, John Miller, M.A. (B.A., 1953)	1956
Tregenza, Lesley Margaret, B.Sc.	1965
Tregenza, Sydney Lloyd, B.A.	1923
Tregloan, Peter Allan, B.Sc.	1964
Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1951
Tregonning, Donald John Kennedy, M.B., B.S.	1949
Tregonning, Kennedy Gordon Philip, B.A.	1950
Treleaven, David Ross, B.Tech.	1964
Treleaven, Walter, B.Sc.	1893
Treloar, Albert Edward Coran, LL.B.	1927
Treloar, Deane Andrew, B.Arch.	1964
Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1959
Treloar, Gwenyth Florence, B.A.	1960
Treloar, Hugh Kingsley, LL.B.	1951
Treloar, Jennifer Ann, B.A.	1965
Treloar, John Harvey, B.E.	1954
Treloar, John Howard Francis, LL.B.	1965
Treloar, Lionel Hammond, LL.B.	1957
Treloar, Philip Douglas, B.E.	1966
Treloar, Ronald William, B.Ec.	1957
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)	1960
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
Trett, Victor, B.Sc.	1963
Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1958

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Vawser, John Alfred, B.E.	1926
Vawser, Keith Derwent, B.E.	1954
Vawser, Nevin Stuart, B.E.	1948
Vawser, Noel Dean, M.B., B.S.	1963
Vawser, Noel Keith, B.E.C.	1944
Vawser, Paul Frederick, B.D.S.	1950
Vawser, Robert du Rieu, B.A.	1964
Veitch, Lindsay Garfield, B.Sc.	1949
Venner, Barton Frederick, M.B., B.S.	1946
Venz, Walter Ernest, B.A.	1961
Verco, Claude Maythorn, B.A.	1915
Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901)	1902
Verco, Geoffrey Webb, M.B., B.S.	1937
Verco, Joseph Stanley, M.B., B.S.	1913
Verco, Luke Everard, M.B., B.S.	1940
Verco, Peter Willis, M.D. (M.B., B.S., 1942)	1949
Verco, Ronald Lister, M.B., B.S.	1928
Verheyen, Virginia Fay, B.A.	1963
Vermeulen, Cornelius Marinus, B.Tech.	1966
Verrall, Lois Rita, B.A.	1956
Verrall, Raymond Wilfred, B.A.	1937
Verrall, Roswell Victor, B.E.	1947
Versans, Imants, B.Sc.	1963
Vicharangsan-Ka, Tanoo, B.E.	1961
Vick, Lloyd Winston, Mus.Bac.	1956
Vickury, Frederick Arthur, M.A. (B.A., 1928)	1931
Vickery, Graham George, B.Sc.	1966
Vickery, Margaret, B.A.	1952
Videon, Kevin Neil, B.Tech.	1964
Viggers, George Beddoe, B.A.	1958
Vigor, David Bernard, B.A.	1960
Vijh Inderjit, B.E.	1958
Vilkins, Alberts, B.A.	1961
Vincent, David James, B.D.S.	1949
Vincent, Francis William, B.E.	1950
Vincent, Graham Frank, B.Tech.	1962
Viola, Marian, B.E.	1966
Virgo, David, B.Sc.	1961
Vitale, John Vincent, B.A.	1964
Vitolins, Maija Irena, B.Sc.	1959
Vitols, Baiba, B.Sc.	1963
Vivian, Arthur Brian, M.B., B.S.	1950
Vladocoff, Adrian Nicholay, B.E. B.Sc.	1962
Vlahakis, Emmanuel, M.B., B.S.	1962
Vnuk, Frantisek, B.Sc. B.A.	1955
Vnuk, Frantisek, B.Sc. B.A.	1957
Vockler, John Charles, B.A. (Queensland, 1953)	1961
Vogt, Brian Joseph, B.E.	1953
Vogt, Ronald Walter, B.Sc. (Eng.)	1947
Von Behrens, Wieland Eberhard, M.B., B.S.	1966
Von der Borch, Adrian Alhard, M.B., B.S.	1962
Von der Borch, Christopher Carl, Ph.D. (B.Sc., 1957)	1963
Von der Borch, Rudolph Hermann, M.B., B.S.	1926
Von der Borch, Sandra Marie, B.Sc.	1961
Von Doussa, John William, LL.B.	1962
Von Doussa, Robert Louis, B.D.S.	1964
Vorbach, Adrian Neil, M.B., B.S.	1961
Vorbach, Ernest Athol, M.B., B.S.	1961
Vowles, Rex Eugene, M.E. (B.E., 1937)	1939
Vowles, Norman Joseph, B.D.S.	1957
Vowles, Robert Clayton Hay, B.E.	1960
Voyzey, William, B.A.	1959
Vu, The Bao, B.E.	1962
Vu, Quy Kv, B.E.	1963
Vun, Fon Foh, B.A.	1965
Vyborny, Rudolf, Ph.D. (Dr. rer. nat., Prague, 1953)	1966
Vyse, Mignon Rosina, M.B., B.S.	1959

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. B.Sc.	1948
Wade, Keith Oliver, B.Sc.	1959
Wade, Marv Julia, Ph.D. (B.Sc., 1951)	1959
Wadham, Elizabeth Jean, M.A. (B.A., 1953)	1954
Wadsworth, Bernard Francis Peter, M.E. (B.E., 1956)	1960
Wadsworth, Robert James Paul, M.B., B.S.	1965
Waechter, Heather Lorraine, B.Sc.	1964

Waechter, Raymond Trevor, B.E.	1957
M.Sc. (B.Sc, 1961)	1964
Wagner, Barbara Joan, B.D.S.	1942
Wagner, Franz William, B.Sc.	1928
Wagner, Mervyn Arthur, B.Sc.	1966
Wagstaff, Rosemary, B.A.	1961
Wahlquist, Eric Gilbert, B.A.	1951
Wahlqvist, Mark Lawrence, B.MedSc M.B., B.S.	1963
Wainwright, Charles Leonard, B.Sc.	1966
Wainwright, Mark Sebastian, B.App.Sc.	1966
Wainwright, Michael William, B.D.S.	1964
Wait, Marthe Lucy, M.A. (B.A., 1920)	1922
Wait, Rosemary Gwendoline, B.A.	1962
Wait, Yvonne Lois, M.A. (B.A., 1926)	1932
Waite, Jack Francis Enos, B.A.	1936
Waite, Jill Shergold, B.A.	1962
Waite, Peter John, B.Sc.	1962
Wake, Roderick Barry, B.E.	1951
Wakeford, Sidney Claud, B.A.	1937
Waldeck, Reginald David Chapple, B.A.	1950
Walker, Alan Philip, B.A.	1961
Walker, Alexander John Kerry, B.Ag.Sc.	1939
Walker, Bruce Gladstone, M.B., B.S.	1964
Walker, Christina Annie, LL.B.	1935
Walker, David John, B.Arch.	1963
Walker, Donald Campbell, M.B., B.S.	1962
Walker, Ellen Lawson, B.Sc.	1949
Walker, Gilbert John, B.A.	1940
Walker, Gordon Harold, B.E.	1952
Walker, Graham Thomas, B.A.	1963
Walker, Helen Prudence, B.A.	1966
Walker, Ian Saville, Ph.D. (B.Sc., 1952)	1956
Walker, Jane Elizabeth, B.A. (Wales)	1908
Walker, Janice Phyllis, B.A.	1956
Walker, Jillianne Mary, B.A.	1963
Walker, John Adrian Mozar, M.B., B.S.	1951
Walker, John Schomburgk, B.Sc.	1926
Walker, Mildred, B.A.	1928
Walker, Reginald Jeffrey, M.B., B.S.	1952
Walkley, Allan, B.Sc.	1927
Walkley, Gavin, B.E. M.A. (Cambridge, 1942)	1934
Walkley, Joan Eileen, M.Sc. (B.Sc., London)	1949
Wall, Barbara Deane, M.A. (B.A., 1949)	1950
Wall, Brian Henry, B.E.	1958
Wall, Gordon Elliott, B.Sc.	1947
Wall, Ian Baker, B.E.	1955
Wall, Kenneth John, B.Tech.	1964
Wall, Margaret Esther, B.Sc.	1951
Wallace, Dean Kingsley, B.Ec.	1964
Wallace, Donald, B.A.	1939
Wallace, Frank Kenneth, M.B., B.S.	1934
Wallace, Malcolm Maxwell, M.B., B.S.	1959
Wallace, Peter Richard, M.E. (B.E., 1961)	1966
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	1958
Wallace, Sir Robert Strachan, M.A. (Oxford)	1926
Waller, Peter Francis, B.Sc.	1965
Wallman, Ian Stuart, M.B., B.S.	1947
Wallman, James Douglas Robson, M.B., B.S.	1951
Wallman, Leigh Stuart, M.B., B.S.	1940
Wallman, Neil Stuart, M.B., B.S.	1944
Wallman, Nugent Horton, LL.B.	1937
Wallman, Rex Horton, B.D.S.	1951
Wallman, Richard John Robson, M.B., B.S.	1951
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 Connley, 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
Walsh, Kevin Gerald, LL.B.	1932
Walsh, Margaret Mary, B.A.	1951
Walsh, Peter Colin, LL.B.	1965
Walsh, Reginald Clarence, B.E.	1925
Walsh, Valerie Mary, B.A.	1964
Walter, Barbara Katherine, B.A.	1963
Walter, Bryan Robert, B.Sc.	1963
Walter, Denys, B.Ec.	1955
Walter, Harold Noal, B.E.	1936

* Deceased

Walter, Hilda Blanche May, M.A., (B.A., 1913)	- - - - -	1915
Walter, Malcolm Ross, B.Sc.	- - - - -	1965
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908)	- - - - -	1909
Walters, Francis Victor Charles, B.E. B.Ec.	- - - - -	1953 1962
Walters, George Henry, LL.B.	- - - - -	1936
Walters, Max Norman Isadore, M.B., B.S.	- - - - -	1954
Walters, William Allen Willcox, M.B., B.S. Waltham, Francis Frederick Bowering, B.Tech.	- - - - -	1956 1959
Walton, Bruce Adrian, B.Sc.	- - - - -	1945
Walton, Geoffrey Norman, B.E.	- - - - -	1960
Walton, Gertrude Mary, B.A.	- - - - -	1904
Walton, Shirley-Anne Campion, B.A.	- - - - -	1956
Walz, Joseph Michael, B.A.	- - - - -	1945
Wan, Kwok Kuen, B.D.S.	- - - - -	1961
Wan, Kun Yin, M.B., B.S.	- - - - -	1962
Wan, Yun, B.Sc.	- - - - -	1966
Wang, Kenneth Kun, B.Sc.	- - - - -	1966
Wangel, Anders Gustaf, M.D. (M.B., B.S., 1959)	- - - - -	1965
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	- - - - -	1947
Wannan, Ellen Sarah, B.Sc.	- - - - -	1930
Warburton, George Bruce, B.Sc.	- - - - -	1961
Ward, Alan Joseph, M.A. (Connecticut, 1960)	- - - - -	1966
Ward, Arthur David, Ph.D. (Wellington, 1962)	- - - - -	1966
Ward, Cyril Michael, M.A. (B.A., 1910)	- - - - -	1912
Ward, Denby Harcourt, M.E. (B.E., 1955)	- - - - -	1961
Ward (nee Claridge), Evelyn Dorothy, B.Sc.	- - - - -	1935
Ward, Geoffrey Grant, M.B., B.S.	- - - - -	1955
Ward, Gerald Michael, LL.B.	- - - - -	1949
Ward, Guthrie Lloyd, B.Tech.	- - - - -	1963
Ward, Harry Lancelot, B.A.	- - - - -	1920
Ward, James Robert Hawthorne, B.Arch.	- - - - -	1966
Ward, Jean Russel, B.A.	- - - - -	1939
Ward, Kevin James, LL.B.	- - - - -	1949
Ward, Leonard Keith, B.E. (Sydney, 1903) D.Sc.	- - - - -	1913 1926
Ward, Leonard Rosslyn, B.E.	- - - - -	1932
Ward, Margaret Hawthorne, B.Sc.	- - - - -	1958
Ward, Margaret Kennings, B.A.	- - - - -	1947
Ward, Michael, LL.B.	- - - - -	1963
Ward, Richard Owen, LL.B.	- - - - -	1966
Ward, Robert Arthur, B.Tech.	- - - - -	1965
Ward, Robert Hayes, LL.B.	- - - - -	1936
Ward, Russel Braddock, M.A. (B.A., 1936)	- - - - -	1950
Warden, Mark Cunningham, B.Ec.	- - - - -	1961
Warden, Robert Douglas Cunninghame, LL.B.	- - - - -	1951
Wardle, Elizabeth, B.Sc.	- - - - -	1964
Wardle, Margaret, B.A.	- - - - -	1966
Wardrop, Alan Haig, LL.B.	- - - - -	1964
Ware, Dorothy Alice, B.A.	- - - - -	1960
Warhurst, Barbara Wilfred, B.Sc.	- - - - -	1938
Warhurst, Dean Frank, B.Tech.	- - - - -	1961
Warhurst, Patricia Verco, M.B., B.S.	- - - - -	1966
Wark, Bruce Goodman, B.D.S.	- - - - -	1953
Warmington, Ethne Helen, B.A.	- - - - -	1963
Warne, Keith Raymond, B.Sc.	- - - - -	1959
Warner, John Raymond, B.A.	- - - - -	1959
Warner, Peter Morris, B.D.S.	- - - - -	1965
Warren, Barry John, B.Sc.	- - - - -	1963
Warren, Barry Thomas, B.Arch.	- - - - -	1963
Warren, Christopher Michael, B.E.	- - - - -	1964
Warren, Donald Hampton, B.A.	- - - - -	1942
Warren, Ian Douglas, B.Tech.	- - - - -	1965
Warren, John Robin, M.B., B.S.	- - - - -	1961
Warren, Richard Kenneth, LL.B.	- - - - -	1965
Warren, Sidney Lilla, B.A.	- - - - -	1915
Wassermann, Vicarius Daniel, Ph.D.	- - - - -	1965
Wastell, John Ernest, B.E.	- - - - -	1964
Wasty, Ghulam Husain, M.B., B.S.	- - - - -	1961
Waterhouse, Edward John, B.Ag.Sc.	- - - - -	1953
Waterhouse, George Saville, B.A.	- - - - -	1955
Waterhouse, Louis David, LL.B.	- - - - -	1914
Waterhouse, Ronald Greaves, M.B., B.S. B.Sc. (Eng.) 1945, surrendered)	- - - - -	1952 1948
Waterman, Ewen Leith, B.Ec.	- - - - -	1965
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	- - - - -	1947
Waterman, Pamela Frances, B.A.	- - - - -	1966
Waterman, Trevor Roy, M.B., B.S.	- - - - -	1963
Waters, Ernest Bertram, B.Tech.	- - - - -	1961
Waters, Russell Kyle, B.A.	- - - - -	1949
Waterson, Ian Craig, B.Sc.	- - - - -	1964
Waterson, John Gabriel, B.D.S.	- - - - -	1945
Watkins, Charles Thomas, LL.B.	- - - - -	1907
Watkins, Edward Hanmer, M.E. (B.E., 1959)	- - - - -	1960
Watkins, John Leslie, B.E.	- - - - -	1933
Watkins, Trevor William, B.Tech.	- - - - -	1964
Watkinson, Mavis Daphne, B.A.	- - - - -	1937
Watson, Arthur John, M.B., B.S.	- - - - -	1953
Watson, Brian, B.E.	- - - - -	1953
Watson, Christopher Lex, B.Ag.Sc.	- - - - -	1957
Watson, David John, B.E.	- - - - -	1961
Watson, David Stanley, B.Sc.	- - - - -	1954
Watson, Donald Robert, B.E.	- - - - -	1951
Watson, George Michael, M.B., B.S.	- - - - -	1938
Watson, Graeme Douglas, B.A.	- - - - -	1957
Watson, Ian Miller, B.Tech.	- - - - -	1966
Watson, Ian Morse, B.A.	- - - - -	1964
Watson, Janet Kaye, B.A.	- - - - -	1966
Watson, John Champion, B.E.	- - - - -	1956
Watson, Joyce, B.A.	- - - - -	1937
Watson, Kenneth Graham, M.B., B.S.	- - - - -	1953
Watson, Margaret Arden, B.Sc.	- - - - -	1940
Watson, Patricia Bali, M.B., B.S.	- - - - -	1952
Watson, Richard Wyndham, M.B., B.S.	- - - - -	1962
Watson, Ruth, M.Sc. (B.Sc., 1934)	- - - - -	1938
Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939)	- - - - -	1945
Watt, Fanny Eileen, M.A. (B.A., 1927)	- - - - -	1930
Wattchow, Colin Edward, B.A.	- - - - -	1949
Watters, Roger Allan, B.Sc.	- - - - -	1962
Watts, Christopher Henry Stuart, B.Sc.	- - - - -	1962
Watts, Edith Isabel, B.A.	- - - - -	1935
Watts, Norman Clarence, B.E.	- - - - -	1956
Watts, Robin John, LL.B.	- - - - -	1959
Watts, Ruth Emily, B.A.	- - - - -	1949
Watts, John Clyde, B.Sc.	- - - - -	1949
Wauchope, Diana D'Este, B.Sc.	- - - - -	1949
Wauchope, Diosma Marie, B.A.	- - - - -	1923
Wauchope, Frederick John, B.Sc.	- - - - -	1930
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918)	- - - - -	1924
Wauchope, Mary Ruth, B.Ag.Sc.	- - - - -	1965
Wauchope, Mavis Lovell, M.A. (B.A., 1923)	- - - - -	1936
Waugh, David McBride, B.E.	- - - - -	1959
Waugh, William McDonald, B.A.	- - - - -	1951
Wawryk, Stefan, B.E.	- - - - -	1961
Way, Leslie Edward, B.Sc.	- - - - -	1949
Way, Neville James, M.B., B.S.	- - - - -	1948
Way, Thomas Hubert, B.E.	- - - - -	1952
Waye, Peter Neil, LL.B.	- - - - -	1951
Wearing, Alexander James, B.A.	- - - - -	1963
Wearne, Etid Lois, B.A.	- - - - -	1948
Weaver, Helen Christine, B.Sc.	- - - - -	1963
Weaver, Michael Pryor, B.Tech.	- - - - -	1964
Webb, Arthur Liddon, M.B., B.S.	- - - - -	1922
Webb, Bruce Phillip, M.Sc.	- - - - -	1954
Webb, Donald Barry, B.Ec.	- - - - -	1964
Webb, Elizabeth Mary, B.A.	- - - - -	1966
Webb, Emmaline Nancy, B.A.	- - - - -	1949
Webb, John Edward, B.Sc. (Eng.)	- - - - -	1942
Webb, John Newton, M.B., B.S.	- - - - -	1917
Webb, Kenneth Alfred, B.E.	- - - - -	1953
Webb, Mary Gwendoline, B.A.	- - - - -	1937
Webb, Rita Gwendoline, B.A.	- - - - -	1930
Webber, Allan Thomas, B.Sc.	- - - - -	1966
Webber, Brian John, B.Sc.	- - - - -	1959
Webber, Carolyn Ann, B.Sc.	- - - - -	1966
Webber, Colin Russell, B.E.	- - - - -	1952
Webber, Ian Ernest, B.E.	- - - - -	1957
Webber, Ian James, B.A.	- - - - -	1961
Webbner, Kevin Graeme Andrew Guy, B.A.	- - - - -	1966
Webber, Muriel Esme Jill, B.A.	- - - - -	1957
Webber, Ronald Thomas John, B.Ag.Sc.	- - - - -	1948
Webbing, Donald D'Arcy, Ph.D. (B.Sc., 1950)	- - - - -	1966
Webster, M.B., B.S.	- - - - -	1955
Webster, Louise Betty, B.Sc.	- - - - -	1962
Webster, Raymond Murray, B.Sc.	- - - - -	1938
Webster, Stanley George, M.B., B.S.	- - - - -	1951
Webster, Wilfred Grant, B.Sc.	- - - - -	1949
Weetman, Alan Russell, M.B., B.S.	- - - - -	1951
Wege, Dieter, B.Sc.	- - - - -	1962
Wegener, Clemens Frederick, B.Sc.	- - - - -	1949
Wegener, Malcolm Eric, B.A.	- - - - -	1966
Wegener, Richard Albert, B.E.	- - - - -	1948
Wei, Hon Yin, Stephen, M.D.S. (B.D.S., 1962)	- - - - -	1966

• Deceased

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	Westerman, Franklina Sisley, B.D.S.	1946
Welbourn, Alan Egerton, B.E.	1937	Westerman, Roderick Alan, M.B., B.S.	1954
Welbourn, Barbara Egerton, B.Sc.	1941	Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929
Welbourn, Eleanor Egerton, B.A.	1948	Westley, John French Hebbart, B.E.	1957
Welbourn, Roger Michael Egerton, M.Sc. (B.Sc., 1964)	1966	Westley, Shirley Judith, B.Ec.	1963
Welch, Arthur Walter Sydney James, M.B., B.S.	1923	Weston, Frank Keith, B.A.	1950
Welch, Frank Edison, M.B., B.S.	1936	M.B., B.S.	1957
Welch, Graham Walter, M.B., B.S.	1965	Westphalen, John Arthur, B.Sc.	1950
*Welch, Horace Henry Eric, B.E.	1938	Westphalen, Kenneth John, M.B., B.S.	1953
Welch, Howard Walter, M.B., B.S.	1954	Westwood, William Dickson, Ph.D. (Aberdeen, 1962)	1966
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	Wheal, 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	D.Sc.	1913
Welford, John Peter, B.E.	1965	Wheatley, Roderick Alwyn, M.B., B.S.	1964
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950)	1954	Wheaton, Geoffrey Brendan, B.E.	1956
M.D. (M.B., B.S., 1958)	1962	Wheaton, Malcolm Alfred, M.B., B.S.	1954
Weller, Keith Russell, Ph.D. (B.E., 1960)	1965	Wheaton, Neville Alistair, B.E.	1956
Weller, Raymond Alfred, B.Sc.	1948	Wheaton, Neville Kingsley, B.Sc.	1957
Wellington, Hugh Kennedy, B.E.	1948	Wheaton, Robert Timothy, B.Ag.Sc.	1964
Wellington, Ronald Guy, B.Ec. (B.Com., Melbourne, 1950)	1966	Wheaton, Russell Norman, B.Sc. B.Ec.	1952
Wells, Barbara Gordon, M.B., B.S.	1951	Wheeler, Harry Winslow, B.Sc.	1929
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	1959	Wheeler, Pauline Anne, M.B., B.S.	1966
Wells, Clarence Gordon, M.B., B.S.	1921	Wheeler, Reginald John, M.B., B.S.	1930
Wells, Elizabeth Anne, B.A.	1949	Whelan, John Thomas, B.Ec.	1952
Wells, Elizabeth Wynne, B.A.	1934	Whelan, Robert Ford, M.D. (Belfast, 1951)	1953
Wells, Gregory Samuel, B.Sc.	1959	Whibley, Cyril George, B.E.	1927
Wells, John David, B.Sc.	1966	*Whillas, Geoffrey French, B.Sc.	1946
Wells, Judith Helen, B.A.	1964	Whillas, Jean Kathleen, M.A. (B.A., 1947)	1952
Wells, Julian Richard Este, Ph.D. (B.Ag.Sc., 1959)	1964	Whitburn, Jack, B.A.	1931
Wells, Kathleen Margaret, B.Sc.	1962	White, Allan James Risley, B.Sc.	1952
Wells, Margaret Elisabeth, B.A.	1963	White, Anthony Hopper, B.Sc.	1951
Wells, Margaret Suzanne, B.A.	1953	White, Brian Ross, B.Sc.	1947
Wells, Peter, M.B., B.S.	1960	White, Elizabeth Alice, B.A. Mus.Bac.	1956
Wells, Peter John, B.E.	1963	White, Francis Peter, LL.B.	1959
Wells, William Andrew Noye, LL.B.	1945	White, Francis Richard, B.D.S.	1950
Welsh, James Oglesby, B.A.	1948	White, Geoffrey Fowler, B.Ec.	1960
Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921)	1924	White, Hedley John, B.E.	1950
Wemyss, Robert John, B.Ec.	1960	White, Helena Victoria, B.A.	1934
Wendelborn, Lawrence Cyril, B.A.	1962	White, Henry Douglas, B.A.	1943
Wenham, Muriel, B.A.	1954	White, James Gilmore Hall, Ph.D.	1966
Wennerbom, Alan John, B.Sc.	1956	White, James Michael, LL.B.	1951
Wennerbom, Barrie Campbell, B.A.	1961	B.A.	1956
Werchon, Kathryn, M.B., B.S.	1966	White, Joan Hazel, M.B., B.S.	1935
Were, John Owen, B.A.	1933	White, John Baron, B.E.	1949
Were, Keith Francis, B.A.	1961	White, Joseph Charles, B.Ec.	1955
Wesley Smith, Adeline Rutherford, B.A. (R.U.T., 1904)	1934	White, Joyce Winifred, B.A.	1945
Wesley Smith, Henry Elliott, B.A. (Clerk of the Senate)	1936	White, Kenneth Elsdon, B.E.	1948
Wesley Smith, John Jeremy, B.Mus.	1965	White, Leeson Desmond, B.E.	1957
Wesley Smith, Sheila Isabel, B.A.	1944	White, Maureen Therese, B.Sc.	1956
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	1949	White, Michael Leonard, B.E.	1956
Wesson, Roy Harold, B.E.	1965	White (nee Healy), Nora Kate, B.A.	1939
West, Alan William, LL.B.	1957	White, Phyllis, B.Sc. (Sydney, 1920)	1922
West, Alfred Lutwyche, B.Tech.	1961	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
West, Arthur George Bainbridge, M.A. (Oxford, 1892)	1897	White, Ray Baron, B.E.	1942
West, Bruce Oswald, Ph.D. (B.Sc., 1948)	1954	White, Richard William Grenville, B.E.	1963
West, Doris Marjorie, B.A.	1921	White, Roderick James, LL.B.	1958
West, Eric Stodden, B.Sc.	1921	White, Rodney Gordon, M.B., B.S.	1949
West, Esmond Frank, M.B., B.S.	1922	White, Ruth Baron, B.Sc.	1942
West, Graham Peet, M.B., B.S.	1961	White, Stanley Noel, B.A.	1953
West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946)	1961	White, Wilfred Allan, B.Ec.	1942
		White, Wilfred Carlstan Jurs, B.Sc.	1948
		White, William Richard Bolitho, B.E.	1932
		Whitehead, Donald Henry, B.A. (Oxford, 1954)	1959
		Whitehead, Millicent Alma, B.A.	1949
		Whitehouse, Joseph Chenoweth, M.B., B.S.	1953
		Whitelaw, Albert James, B.Sc. B.A.	1929
		Whitread, Barry, B.Sc.	1937
		Whittord, Desmond Joseph, B.E.	1964
			1953

* Deceased

Whitford, Patricia Mary, B.A.	1940	Wilkins, Noel Aldridge, B.Ec.	1958
Whitford, Raymond Frank, M.B., B.S.	1953	Wilkins, Ray Eber, B.A.	1948
Whitford, Richard Dean, B.Tech.	1965	Wilkinson, Charles Harold, B.Tech.	1964
Whiting, Clyde Taylor, B.A.	1931	Wilkinson, Donald Cameron, B.A.	1952
Whiting, John Harold, M.B., B.S.	1961	Wilkinson, Eoin Howitt, M.A. (Chicago, 1960)	1962
Whiting, Peter Arthur, B.Sc.	1953	Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1958
Whittington, Anne, B.A.	1950	Wilkinson, Harold Callan, B.E.	1931
Whittington, Joan, B.A.	1933	Wilkinson, Helen Rosemary, B.A.	1964
Whittington, Louis Arnold, LL.B.	1911	Wilkinson, Herbert John, B.A.	1914
Whittington, Richard Smallpiece, LL.B.	1935	M.D. (Sydney, 1930)	1934
Whitman, Gerald Caleb, B.Sc.	1952	Wilkinson, Maxwell, B.Tech.	1962
Whitrow, John Leslie, B.Sc.	1965	Wilkinson, Philip Lodwick, M.B., B.S.	1965
Whittaker, Ian Arnold McDonald, Ph.D. (M.Ag.Sc., 1964)	1966	Wilkinson, Philomena Mary, B.A.	1949
Whittenbury, Barry Maxwell, M.B., B.S.	1963	Wilkinson, Robert Stuart, M.B., B.S.	1939
Whittle, Alick William Green, M.Sc. (B.Sc., 1945)	1948	Wilkinson, Stewart Rex, B.A.	1950
Whittle, Barry Valentine, B.Tech.	1965	Wilkinson, Thomas Lancelot, B.Sc.	1925
Whittle, Christopher Playford, Ph.D. (B.Sc., 1958)	1962	Wilksch, Betty Ruth, B.A.	1949
Whittle, Donald George, B.E.	1936	Wilksch, John Charles, B.E.	1962
Whittle, Edith Julia, B.A.	1950	Wilksch, Lois Ruth, B.A.	1960
Whittle, Harry Reed, B.E.	1952	Wilksch, Michael Vincent, B.Sc.	1963
Whittle, James Latimer, B.E.	1952	Willcocks, Robert Douglas, B.Sc.	1951
Whittle, Richard Latimer, LL.B.	1954	Willenborg, Jacobus Ruthgerus, B.App.Sc.	1966
Whyatt, David George, B.Tech.	1966	Williams, Alfred Francis James, LL.B.	1964
Whyte, Jean Primrose, B.A.	1952	Williams, Anne Elizabeth, M.B., B.S.	1966
Whyte, Phyllis Primrose, B.A.	1952	Williams, Arthur Charles, B.Sc.	1950
Wiadrowski, Ian Barrie, B.E.	1957	Williams, Arthur Evan, M.B., B.S.	1914
Wiadrowski, Maxwell Alfred Anton, B.A.	1937	Williams, Baden George, Ph.D. (B.Ag.Sc., 1958)	1966
Wibberley, Brian, B.E.	1951	Williams, Bruce Rodda, M.A.	1944
Wibberley, Brian William, B.Sc. M.B., B.S.	1911	Williams, Caroline Margaret, B.A.	1915
Wibberley, David John, M.B., B.S.	1956	Williams, Christobel Mary, B.Sc.	1945
Wibberley, Hermia Mary, B.A.	1941	Williams, Colin Hale, D.Sc. (B.Sc., 1941; M.Sc., 1948)	1965
Wibberley, Judith, B.A.	1952	Williams, Darrell Andrew, B.Sc.	1964
Wicker, Maxine Kay, LL.B.	1965	Williams, David Reginald Glyndwr, Ph.D. (B.App.Sc., 1961) (B.Tech., 1959, surrendered)	1965
Wickes, Lewis Charles, Mus.Bac.	1964	Williams, Dawn Ellen, B.A.	1963
Wickes, Neil Bruce, B.Tech.	1962	Williams, Donald Carter, B.A. LL.B.	1933
Wickes, Robyn Anne, B.A.	1966	Williams, Donald Newbery, B.D.S.	1935
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946	Williams, Dorothy Theresia, B.A.	1954
Wicks, David Frank, LL.B.	1960	Williams, Edith Dawn, B.A.	1935
Wicks, Frederick Ralph, M.B., B.S.	1923	Williams, Eirene Mary, B.A.	1961
Wicks, Graham Ralph, M.B., B.S.	1954	Williams, Eric Hill, B.Ec.	1907
Wicks, Norman Stephen Price, M.B., B.S.	1947	Williams, Foster Neil, B.Ec.	1963
Wicks, Rodney Henry, M.B., B.S.	1962	Williams, Garth David, B.Sc.	1962
Widmer, Sidley, B.A.	1966	Williams, George Esson Keith, M.A. (B.A., 1937)	1948
Wiencke, George Edwin, B.Tech.	1959	Williams, George Mervyn, B.Sc.	1947
Wien-Smith, Geoffrey, M.B., B.S.	1915	Williams, Harold Richard Michael, LL.B.	1953
Wiese, Margaret Helen, B.A.	1958	Williams, Horton Clement, LL.B.	1956
Wiese, Ralph Clayton, B.Sc.	1963	Williams, Ian Geoffrey, B.A.	1966
Wieser, Othmar Heinrich Jakob, B.A.	1962	Williams, Ian James, B.E.	1961
Wiesner, Clarence Jack, B.Sc.	1935	Williams, Ian Russell, B.App.Sc. (B.Tech., 1963, surrendered)	1965
Wigan, John Leonard Cleveland, B.E.	1959	Williams, Jennifer Elizabeth, B.A.	1961
Wigean, Leonard James Cleveland, B.E.	1921	Williams, Joan Beatrice, B.A.	1948
Wigg, Carolyn Ann, B.Arch.	1963	Williams, John Anthony Rex, M.B., B.S.	1966
Wigg, David Ross, M.B., B.S.	1960	Williams, John Geoffrey, B.Tech.	1965
Wigg, Hugh Higham, B.E.	1960	Williams, Kenneth Douglas, B.Ec.	1955
B.Sc.	1965	Williams, Kevin Graham, B.Sc.	1958
Wigg, Neil Thornburn Melrose, M.B., B.S.	1925	Williams, Lindsay Hale, LL.B.	1945
Wigg, Philip Melrose, B.Ag.Sc.	1960	Williams, Lynal Richard, Ph.D. (B.Sc., 1961)	1965
Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945	Williams, Mabel Evangeline, M.A. (B.A., 1906)	1916
Wigglesworth, Sidney Thomas, B.E.	1959	Williams, Martin John, M.B., B.S.	1958
Wight, Albert James, B.E.	1936	Williams, Maxwell Richard, B.E.	1965
Wight, Albert Raymond, B.E.	1914	Williams, Michael, Ph.D. (Wales, 1960)	1961
Wight, Hillier Clement, B.E.	1933	Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960
Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929) M.E. (B.E., 1930)	1962	Williams, Owen Clarke, B.Ec.	1963
Wight, Robert Lewis, M.B., B.S.	1963	Williams, Philip Glenly, B.A.	1941
Wighton, Dugald Craven, M.B., B.S.	1953	Williams, Philip Mark, B.E.	1951
Wighton, Helen Craven, B.A.	1938	Williams, Ralph, B.Sc.	1914
Wighton (nee Blackburn), Rosemary Neville, B.A.	1945	Williams, Raymond Clarence, B.Sc.	1959
Wigley, Tom Michael Lampe, B.Sc.	1960	Williams, Rhonda Joan, B.Sc.	1965
Wignall, Douglas Ronald, B.A.	1948	Williams, Robert Francis, D.Sc. (M.Sc., 1934)	1957
Wilcher, Lewis Charles, B.A.	1929	Williams, Roger John, B.Sc.	1962
Wildy, John Edward, B.Sc.	1965	Williams (nee Hotten), Roma Olive, B.A.	1941
Wildy, Ralph Alderman, B.E.	1938	Williams, Rona Lynette, B.A.	1960
Wildy, Robert Lister, B.Sc.	1963	Williams, Ronald John Chantler, B.A.	1964
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951	Williams, Rosemary, B.Sc.	1956
Wilhelm, Leslie Robert, B.A.	1963	Williams, Roy Ernest, M.Sc.	1953
Wilhelm, Walter Gerhard, B.E.	1953	Williams, Spencer, M.A. (B.A., 1927)	1930
Wilkes, Alfred John, B.Sc.	1962	Williams, Vivienne June, B.Sc.	1955
Wilkins, Alexander McGregor, B.Tech.	1964	Williams, Walter Leslie, B.A.	1940
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948		

* Deceased

Williams, Winifred Teresa, M.B., B.S.	1963
Williams, Zena Vera, B.A.	1940
Williamson, Alan Arthur Martin, M.B., B.S.	1963
Williamson, Arthur Edward, B.E.	1953
Williamson, Benjamin Raymond, B.Tech.	1959
Williamson, Catherine Patricia, B.A.	1963
Williamson, David Aubrey, M.B., B.S.	1951
Williamson, Geoffrey Lea, B.Sc.	1956
Williamson, Hugh Angus, LL.B.	1955
B.A.	1956
Willing, Charles Eric, M.B., B.S.	1928
Willing, Richard Lyall, M.B., B.S.	1954
Willington, Clayton Louis, M.B., B.S.	1955
Willington, John Mattinson, B.E.	1951
Willington, Lloyd Stanley, B.A.	1950
Willis, James Charles, B.A.	1966
Willis, John, B.A. (Melbourne)	1952
Willmott, Josiah Percival, B.Sc.	1907
Willoughby, Donald Ross, B.Sc.	1960
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947
Willoughby, Jane Sumner, M.B., B.S.	1966
Willoughby, Roger George (Warden of the Senate), M.D.S. (H.D.S., 1938)	1953
Wills, Caroline Marie Agnew, B.A.	1951
Wills, Lindsay Arthur, B.A.	1953
Willmore, Elsie Victoria, Mus.Bac.	1918
Willmore, Hurtle Binks, B.Sc.	1916
Wilmshurst, Errol Glen, M.B., B.S.	1963
Wilmshurst, John Maurice, B.Sc.	1965
Wilmshurst, Maurice George, B.A.	1934
Wilmshurst, Ronald Escott, B.Tech.	1961
Wilsdon, Geoffrey Frank, B.Tech.	1959
Wilsen, Jennifer May, B.A.	1966
Wilsen, Peter John, B.Sc.	1965
Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947
Wilson, Andrew Bray Cameron, LL.B.	1959
Wilson, Avis Jean, B.Sc.	1956
Wilson, Brenda Ruth, B.A.	1950
Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899)	1900
Wilson, Charles Graham, M.B., B.S.	1947
Wilson, Christopher John, B.E.	1961
Wilson, Colin Leslie, B.Sc. (Eng.)	1944
Wilson, Dennis de Courcy, M.B., B.S.	1949
Wilson, Derek Finlay, LL.B.	1936
Wilson, Doris May, B.A.	1938
Wilson, Edward Peter, M.B., B.S.	1951
Wilson, Elizabeth Mary, B.A.	1966
Wilson, Geoffrey Palmer, B.Ec.	1958
Wilson, Gordon Samuel, B.Sc. (Eng.)	1944
Wilson, Helen Margaret, B.Sc.	1957
Wilson, Ian Bonython Cameron, LL.B.	1955
Wilson, Ian Stewart, Ph.D. (B.Sc., 1957)	1963
Wilson, Jack Woodrow, B.Sc.	1936
Wilson, James Beith, B.A.	1896
Wilson, Jennifer Marjorie, B.A.	1966
Wilson, John Grenell, M.B., B.S.	1949
Wilson, John Stewart, M.B., B.S.	1952
Wilson, Keith Cameron, LL.B.	1922
Wilson, Keith John, M.B., B.S.	1952
Wilson, Laurence Algernon, M.B., B.S.	1918
Wilson, Laurence Leigh, M.B., B.S.	1956
Wilson, Luther Ernest Crosby, B.Sc.	1926
M.A.	1932
Wilson, Maureen Norma, B.Sc.	1962
Wilson, Mollie Jean, LL.B.	1935
Wilson, Murray James, B.Sc.	1964
Wilson, Nicholas Michael, B.A.	1955
Wilson, Patricia Margaret, Ph.D. (B.Sc., 1960)	1967
Wilson, Penelope Ann, B.Sc.	1966
Wilson, Peter Robert, M.B., B.S.	1985
Wilson, Philippa Morag, B.A.	1958
Wilson, Richard Peter, M.B., B.S.	1965
Wilson, Richard Thomas Clifford, B.Sc.	1964
Wilson, Robert Bruce, B.Sc.	1950
Wilson, Robert Kevin, M.B., B.S.	1937
Wilson, Roger Maxwell, LL.B.	1962
Wilson, Trevor Gordon, Ph.D. (Oxford, 1959)	1960
Wilson, Valerie Joy, B.A.	1952
Wilson, William Fraser, B.Sc.	1943
Wilton, David John, B.Tech.	1963
Wilton, Donald Edward, B.Tech.	1959
Wilton, Dorothy Clyve, B.Sc.	1940
Wilton, John Barrett, B.Sc.	1950
Wincoy, Cynthia Weaver, B.Sc.	1949
Winch, Kenneth Varley, B.E.	1952
Winckel, Ronald Robert, B.App.Sc.	1965
Windle, Doris Sophia, B.A.	1941
Winefield, Anthony Harold, Ph.D. (London, 1962)	1963
Winkler, Arthur Edmund, B.Sc. (Eng.)	1943
Winnall, Nancy Eleanor, B.Sc.	1919
Winter, Beatrice Erwine, B.A.	1955
Winter, Karl Berthold, M.B., B.S.	1942
Winter, Maxwell Hugh, B.A.	1966
Winter, Robert John, B.Sc.	1964
Winter, William Graham, B.Sc.	1938
Winton, Berna Kathleen, B.A.	1953
Winton, Rodney James, B.Tech.	1963
Winwood, William Weston, B.E.	1926
Winzor, Donald John, Ph.D. (B.Sc., 1956)	1961
Wise, Isobel Frances, B.A.	1965
Wise, Carole Margaret, B.A.	1966
Wise, Peter Hermann, M.B., B.S.	1959
Wiseman, Roger, B.Sc.	1965
Wishart, Dean, B.Tech.	1961
Wiskich, Joseph Tony, Ph.D. (Sydney, 1962)	1965
Wissell, Stewart Gordon, B.A.	1949
Withall, Marilyn Dumas, B.A.	1966
Witsenhuyzen, Alfred Louis, B.A.	1964
Witt, Erik Hans, B.E.	1929
Wittenoom, Robert Horne, 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
Woithe, William Henry, B.E.	1938
Wolanski, Bohdan Stanislaus, B.Sc.	1962
Wolcick (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	1959
Wollaston, Elise Margaretta, B.Sc.	1955
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
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
Woodard, Charles Ernest, B.A.	1933
Woodard, Charles Carrard, 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.	1954
Woodhouse, Roy, LL.B.	1950
Woodlands, Peter Ian, B.Tech.	1965
Woodman, Stanley Kenneth, B.E.	1934
Woodroffe, Alice, B.Sc.	1964
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

* Deceased

LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

Ward, J. F., Classics	- - - - -	1908	Casson, L. F., English	- - - - -	1928
Paynter, R. H., Classics	- - - - -	1912	Holmes, E. L., LL.B., Philosophy	- - - - -	1928
Ellis, F., Mathematics	- - - - -	1913	Williams, F. E., Classics	- - - - -	1928
Potts, G. M., Classics	- - - - -	1915			

HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Beer, Donald Robert, History II (i)	- - -	1961	Morrison, Anna Stirling, English II (ii)	- - -	1963
Best, Michael Robert, English II (i)	- - -	1961	Morton, Julia, History II (ii)	- - -	1963
Bettison, Irvine James, History II (i)	- - -	1961	Paul, Peter, German II (i)	- - -	1963
Bickerton, Ian James, History II (i)	- - -	1961	Philpott, Jennifer Mary, Geography II (i)	- - -	1963
Chinner, Christine Elizabeth, History II (ii)	- - -	1961	Richardson, Alan James, Psychology II (i)	- - -	1963
Cockburn, Jeanette Minna, English II (ii)	- - -	1961	Roe, Jillian Isobel, History II (i)	- - -	1963
Connole, Patricia Ann, French III	- - -	1961	Rosenberg, Leopold Henry, History II (i)	- - -	1963
Dragovich, Deirdre Janet, Geography I	- - -	1961	Smith, Robert Frederick Ingram, Politics II (i)	- - -	1963
Gerken, Rosemarie, German II (i)	- - -	1961	Stoll, Dorothee Friederike, Latin II (i)	- - -	1963
Gibbes, Geraldine Margaret (nee Wilson), Psychology II (ii)	- - -	1961	Tidemann, Margaret Beryl, English I	- - -	1963
Harmstorf, Ian Arnold, History II (ii)	- - -	1961	Vanderhoek, Gilah Chaja, Mathematics III	- - -	1963
Hartwig, Mervyn Carl, History I	- - -	1961	Walker, Graham Thomas, Geography II (i)	- - -	1963
Hebart, Hans Friedemann, German I	- - -	1961	Walker, Jillianne Mary, French II (ii)	- - -	1963
John, Ian David, Psychology II (i)	- - -	1961	Wearing, Alexander James, Psychology II (i)	- - -	1963
Luke, Eleanor Ann, English II (i)	- - -	1961	Wilhelm, Leslie Robert, Latin I	- - -	1963
McNally, Marie Carmel, English I	- - -	1961	Williams, Dawn Ellen, French II (i)	- - -	1963
May, Ernest John, Latin II (i)	- - -	1961	Ashenden, Dean John, History II (ii)	- - -	1964
Mellowship, John Haslet, History III	- - -	1961	Bettison, Suzanne, Psychology II (ii)	- - -	1964
Pettit, Janet Ann, English II (i)	- - -	1961	Black, Ian Donald, History II (i)	- - -	1964
Ratz, Alfred Egon, German I	- - -	1961	Brinkworth, Peter Charles, Mathematics II (i)	- - -	1964
Redpath, Lynda Rosamond, Psychology II (ii)	- - -	1961	Buesing, Kuno Wilhelm Nicolaus, German III	- - -	1964
Rooney, Meredith Jean, History I	- - -	1961	Chapman, Ann, English II (ii)	- - -	1964
Swanbury, Peter Vernon, Psychology III	- - -	1961	Clay, John Howard, English II (iii)	- - -	1964
Vilkins, Alberts, History III	- - -	1961	Clunies-Ross, Bruce Axel, English II (i)	- - -	1964
Vuk, Frantisek, B.A., B.Sc., History II (i)	- - -	1961	Coxon, Patricia Magdalen, Latin I	- - -	1964
Wagstaff, Rosemary, French II (i)	- - -	1961	Craig, Jennifer Stewart, History II (ii)	- - -	1964
Walker, Alan Philip, History II (i)	- - -	1961	de Vries, Gertrude Dorothy, History II (ii)	- - -	1964
West, Patricia Joan, English II (i)	- - -	1961	Ellis, Roger Melville, English I	- - -	1964
Baynes, William Hendrie, B.A., History III	- - -	1962	Finch, Janette Helen, B.A., English III	- - -	1964
Bennett, Gregory William, Psychology II (ii)	- - -	1962	Garbett, Meredith Stewart, B.A., Geography II (ii)	- - -	1964
Binks, Jennifer Ann, Mathematics I	- - -	1962	Griffiths, Anthony Royston Grant, History II (i)	- - -	1964
Boomer, Robert Garth, English II (ii)	- - -	1962	Hauser, Michael, English II (ii)	- - -	1964
Burnard, Sally Margaret, History II (i)	- - -	1962	Hawker, Geoffrey Nelson, History II (i)	- - -	1964
Bury, Carol Rosemary, English II (ii)	- - -	1962	Henning, Graydon Read, B.Ec., History II (ii)	- - -	1964
Buxton, Gordon Leslie, History I	- - -	1962	Hinckfuss, Ian Charles, B.Sc. (Q'ld.), Philosophy I	- - -	1964
Close, Susan Elizabeth, History II (i)	- - -	1962	Hirst, John Bradley, B.A., History II (i)	- - -	1964
Day, Jennifer Ann, German II (i)	- - -	1962	Holloway, Irene Isabel, Psychology II (i)	- - -	1964
Dunstan, Cretel, Economics II (i)	- - -	1962	Horne, David James de Lancy, Psychology II (ii)	- - -	1964
Edgar, Peter Lindsay, History II (i)	- - -	1962	Jaques, Winnifred Ruth Christine, History I	- - -	1964
Fennell, Trevor Garth, French I	- - -	1962	Leonard, Roger Ashley, History I	- - -	1964
Godwin, Suzanne, History II (i)	- - -	1962	Lucas, Carolyn, History II (ii)	- - -	1964
Gribble, Cynthia May, German II (ii)	- - -	1962	Mayo, John, B.A., History II (i)	- - -	1964
Heuzenroeder, John Mathwin, English II (i)	- - -	1962	McDougall, Jennifer Mary, French I	- - -	1964
Holt, Betsy Stamford, English II (i)	- - -	1962	McKie, Ian William, French II (i)	- - -	1964
Jenkin, Robert Haydon, History II (i)	- - -	1962	McNicol, Donald, Psychology I	- - -	1964
Kukurs, Ionna, B.A., Psychology II (ii)	- - -	1962	Mitchell, Adrian Christopher William, B.A., English II (i)	- - -	1964
Manhood, Cleve Charles, History II (ii)	- - -	1962	Nancarrow, Judith, History II (ii)	- - -	1964
Manser, William Lloyd, History II (ii)	- - -	1962	Pearson, Anne Keeler, Mathematics I	- - -	1964
Pukitis, Ilze, French II (i)	- - -	1962	Pearson, Kenneth Robert, Mathematics I	- - -	1964
Reid, Bruce James, French II (i)	- - -	1962	Quartly, Marian, History II (i)	- - -	1964
Rendell, Anthony Alan, History II (i)	- - -	1962	Ramsay, Janet Kay, History I	- - -	1964
Schubert, Jane Helen, French II (ii)	- - -	1962	Roose, Willem Adriaan, German II (i)	- - -	1964
Strods, Inta Maria, History II (ii)	- - -	1962	Rutter, Wendy Lorraine, English II (ii)	- - -	1964
Barter, Janet Elizabeth, German II (i)	- - -	1963	Schlick, Werner Josef, German I	- - -	1964
Burger, Geoffrey John, History II (i)	- - -	1963	Strickland, Andrew James, History II (i)	- - -	1964
Coin, Susan Mary, French II (i)	- - -	1963	Tilby, Jenis Marie, History II (i)	- - -	1964
Corbin, Elizabeth Mary, Geography II (i)	- - -	1963	Tiver, Peter Graham, B.A., Politics I	- - -	1964
Daniels, Verna Kay, History II (i)	- - -	1963	Tsounis, Michael Peter, History II (ii)	- - -	1964
Dobberstein, Fred Helmut, German II (i)	- - -	1963	Tuncks, Valerie Christine, English II (ii)	- - -	1964
Findlay, Marjorie Clifford, Politics II (ii)	- - -	1963	Walsh, Valerie Mary, English II (i)	- - -	1964
Fryer, Beverley Anne, English II (i)	- - -	1963	Wells, Judith Helen, History II (i)	- - -	1964
Ganzis, Nicholas, History II (i)	- - -	1963	Wyatt, David Francis, English II (i)	- - -	1964
Gibson, John Keith, B.A., Mathematics I	- - -	1963	Boehmer, Sonya Anita, B.A., Geography II (i)	- - -	1965
Haydon, Anthony Peter, B.A., History I	- - -	1963	Brice, Ian David, History II (i)	- - -	1965
Horgan, Lillian Veronica, English II (i)	- - -	1963	Bright, Ann, English I	- - -	1965
Jolly, Meryl Ann, English II (ii)	- - -	1963	Brooks, Julie Ann, English III	- - -	1965
Kennett, Maureen Patricia, History I	- - -	1963	Bury, Warren Richard, History II (i)	- - -	1965
Kimber, Gillian, B.A., Philosophy I	- - -	1963	Cain, Francis Michael, B.A., History II (ii)	- - -	1965
Liew, Tack Wan, B.A., Politics II (ii)	- - -	1963	Cobb, Elizabeth Anne, French II (i)	- - -	1965
McCulloch, Karla Elizabeth, History II (i)	- - -	1963			
McDermid, Neil Harvey, German III	- - -	1963			
Mills, John Scott, B.E., Philosophy I	- - -	1963			
Mitton, Madge Winifred, English II (i)	- - -	1963			

Coombe, Margaret Mary, History II (i) - - -	1965	Ellis, Bronwyn Joan, French II (i) - - -	1966
Cornell, Christine Helen, History II (i) - - -	1965	Fitzgerald, Judith Barbara, History II (i) - - -	1966
Crouch, Claire Elaine, German II (ii) - - -	1965	Forrest, Anna Marlene Helen, French I - - -	1966
Dennis, Barbara Mary, English II (i) - - -	1965	Fowler, Barry Herbert, Psychology II (i) - - -	1966
Dobrez, Livio, English II (i) - - -	1965	Gibson, Edmund Ralph Boyce, History I - - -	1966
Galbory, Jutta Maria Paula, German II (i) - - -	1965	Hebart, Ernst, English and German II (ii) - - -	1966
Grantskalns, Erika Eve, History II (ii) - - -	1965	Herbert, Eileen Audrey, B.A., History II (ii) - - -	1966
Guerin, Bruce, B.A., Classics I - - -	1965	Hollinsworth, Jeanette, History and Politics I - - -	1966
Khadijah, binti Karim, History II (ii) - - -	1965	Hunwick, Andrew William Robert, Latin and French II (i) - - -	1966
Klemig, John Wilfred, German I - - -	1965	Kannis, Peter, History II (i) - - -	1966
Magarey, Susan Margaret, English II (ii) - - -	1965	Kelly, Dominic Michael, History and Politics II (i) - - -	1966
Marsden, Julia Meredith, History II (ii) - - -	1965	Marks, Patricia Jean, English III - - -	1966
McGowan, Ursula, German I - - -	1965	Marshall, Marilyn Gray, B.A., Politics I - - -	1966
Messner, Gwenda Mary, History II (ii) - - -	1965	Miller, Robert John, History II (ii) - - -	1966
Morgan, Grant Maxwell, English II (i) - - -	1965	Murphy, Laurence Frederick, History II (i) - - -	1966
Pantis, Craciun, History II (ii) - - -	1965	Mussared, Shirley Ann, Psychology II (ii) - - -	1966
Parkin, Cheryl Wedgwood, B.A., History I - - -	1965	Nagel, Pauline, History II (ii) - - -	1966
Perry, Jane Elizabeth, History II (i) - - -	1965	Naulty, Reginald Anthony, B.A., Philosophy I - - -	1966
Priestley, Alison Maude, History II (i) - - -	1965	Neumann, Walter David, Mathematics I - - -	1966
Richter, Gunter Walter, German II (i) - - -	1965	Parbs, Robert Lindsay, English II (i) - - -	1966
Roper, Bruce Malcolm, Latin II (ii) - - -	1965	Polkinghorne, Gillian Margaret, Psychology II (i) - - -	1966
Schultz, Lance Franklin, Politics II (i) - - -	1965	Poynter, John William, B.A., Geography II (i) - - -	1966
Thiersch, Marie-Louise Mathilde, German II (i) - - -	1965	Reed, Catherine Elaine Thornton, English II (ii) - - -	1966
Tonkin, Jennifer Jane, English II (ii) - - -	1965	Riegel-Huth, Jill Penelope Ann, Economics I - - -	1966
Worden, Margaret Anne, History I - - -	1965	Rodger, Michael Scott, English I - - -	1966
Wright, Donald Ian, B.A., History II (i) - - -	1965	Searle, Glen Hartley, Geography II (i) - - -	1966
Zweck, Wayne Theodore, History II (i) - - -	1965	Sharman, George Campbell, LL.B., Politics II (i) - - -	1966
Adams, Reginald Austin Sorby, Psychology I - - -	1966	Steiner, Marie Ann, History II (ii) - - -	1966
Ballinger, Marie Elizabeth, History II (i) - - -	1966	Stoll, Brigitte, German II (i) - - -	1966
Bernadt, Judy Margaret, History II (ii) - - -	1966	Strehlow, Theodor James, German II (i) - - -	1966
Bilney, Gordon Neil, B.D.S., Politics II (i) - - -	1966	Svenne, Ilze, B.A., History I - - -	1966
Cann, Melvyn Roy, Philosophy I, B.A., B.Mus., A.U.A. (Music) - - -	1966	Szczygielski, Wladyslawa Wanda, German I - - -	1966
Clunies-Ross, Graham George, Psychology II (i) - - -	1966	Szorenyi-Reischl, Nicholas Andrew, B.A., Philosophy I - - -	1966
Collings, Leslie Ross, English II (i) - - -	1966	Temby, Penelope Claire, Latin II (i) - - -	1966
Collins, Tania Joan, French II (ii) - - -	1966	Tilby, Penelope Jean, Psychology I - - -	1966
Coombe, Carole Julie, History II (i) - - -	1966	Tsangaris, George Paul, B.A., Classics I - - -	1966
Dawson, Allan Alexander, Politics II (i) - - -	1966	Vallee, Ronald Peter, Politics III - - -	1966
Dennis, Peter John, History I - - -	1966	Wilson, Jennifer Marjorie, English II (i) - - -	1966
Dibden, Jacqueline Andrew, History II (i) - - -	1966	Wise, Carole Margaret, French II (ii) - - -	1966
Donley, Robert James Randall, History II (ii) - - -	1966	Wright, Barrie James McGregor, English II (i) - - -	1966
Eaden, Philippa Robin, English II (ii) - - -	1966		
Eckermann, Angela May, French II (ii) - - -	1966		
Egoh, Abdul Hamid, Politics III - - -	1966		

HONOURS DEGREE OF BACHELOR OF ECONOMICS. (INSTITUTED 1930.)

For previous Lists, see Calendars from 1959.

Hicks, Ronald Pettinger, B.Ec. IIB - - -	1961	Flew, Robert John, IIB - - -	1964
Peirson, Clive Graham, B.Ec., IIB - - -	1961	Leane, Peter Alan, B.Ec., IIA - - -	1964
Scarman, Ian Edwin, B.Ec., IIA - - -	1961	Pflaum, Peter Theo, IIA - - -	1964
Sherrin, Rolf Morton, B.Ec., IIB - - -	1961	Bee, John Broadhurst, B.Ec., IIA - - -	1965
Allen, Kenneth Craig, B.Ec., IIB - - -	1962	Harries, Robert Ian, B.Ec., I - - -	1965
Blandy, Richard John, B.Ec., I - - -	1962	Lewis, Mervyn Keith, B.Ec., I - - -	1965
Codd, Michael Henry, B.Ec., IIA - - -	1962	Porter, Michael Glenthorpe, B.Ec., I - - -	1965
Henderson, James Young, B.Ec., I - - -	1962	Truscott, David Craven, B.Ec., IIA - - -	1965
Rechner, Russell Jay, B.Ec., IIA - - -	1962	Young, Ian Campbell, B.Ec., I - - -	1965
Sarah, Neil, B.Ec., I - - -	1962	Fairbairn, David Francis, B.Ec., IIA - - -	1966
Semler, Janet Claire, B.Ec., I - - -	1962	Freney, Roger Quentin, B.Ec., IIA - - -	1966
Davis, Robert William, IIA - - -	1963	Mules, Trevor John, B.Ec., I - - -	1966
Griffiths, Peter Royston, B.Ec., IIB - - -	1963	Rohrsheim, Geoffrey Charles, B.Ec., IIB - - -	1966
Henderson, Murray Scott, B.Ec., IIA - - -	1963	Taylor, Gregory Frank, B.Ec., IIA - - -	1966
Cook, Peter Sydney, III - - -	1964	Teoh, Eng Hong, B.Ec., I - - -	1966
Dahlberg, Dane Louis, IIA - - -	1964	Waterman, Ewen Leith, B.Ec., I - - -	1966

HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Abbott, Warwick Donald Francis, B.Sc., Physical and Inorganic Chemistry IIA - - -	1961	Evans, Geoffrey William, B.Sc., Organic Chemistry IIA - - -	1961
Amos, Kenneth Albert, B.Sc., Mathematical Physics IIA - - -	1961	Ferguson, James, B.Sc., Physical and Inorganic Chemistry IIA - - -	1961
Antcliff, Gault Anderson, B.Sc., Physics I - - -	1961	Fidge, Noel Hadden, B.Sc., Biochemistry IIB - - -	1961
Auzins, Ieva, B.Sc., Microbiology I - - -	1961	Franklin, Ian Robert, B.Sc., Genetics IIB - - -	1961
Boyd, Ashley James, B.Sc., Physics IIA - - -	1961	Godon, Edgar Whitridge, B.Sc., Dip.Ed., Physical and Inorganic Chemistry I - - -	1961
Brown, Denis Hackett, B.Sc., Physics IIB - - -	1961	Goodrich, John Eric, B.Sc., Organic Chemistry IIA - - -	1961
Brown, Raymond George, B.Sc., Geology IIA - - -	1961	Grace, Muriel Jean, B.Sc., Mathematics I - - -	1961
Cavennet, Brian Clifford, B.Sc., Physics IIA - - -	1961	Harris, Roger Lawrence Newton, B.Sc., Organic Chemistry I - - -	1961
Cooper, Richard Edgar, B.Sc., Geology I - - -	1961	Hart, Gavin, B.Sc., Organic Chemistry IIA - - -	1961
Corbett, John Vincent, B.Sc., Mathematical Physics I - - -	1961	Harwood, Denis Arthur, B.Sc., Physical and Inorganic Chemistry IIA - - -	1961
Dodd, Lindsay Richard, B.Sc., Mathematical Physics I - - -	1961		

Hearfield, Ian Venters, B.Sc., Physical and Inorganic Chemistry I	1961	Marshall, Nicholas James, B.Sc., Geology IIA	1962
Heath, George Ross, B.Sc., Geology I	1961	Maynard, Robert Keith, B.Sc., Physics IIA	1962
Huppertz, John Lawrence, B.Sc., Organic Chemistry I	1961	Mills, Richard Graham John, B.Sc., Mathematical Physics IIA	1962
Jeffrey, Peter Dalrymple, B.Sc., Physical and Inorganic Chemistry I	1961	O'Shea, John Martin, B.Sc., Organic Chemistry IIB	1962
Jenkin, John Grenfell, B.Sc., Physics I	1961	Passmore, John Roger, B.Sc., Geology IIA	1962
Jones, Alan Stuart, B.Sc., Mathematics I	1961	Parkin, Ian Andrew, B.Sc., Physics IIB	1962
Karthigasu, Kula Thungam, B.Sc., Microbiology IIA	1961	Payne, Allan Barrie, B.Sc., Mathematics IIB	1962
Klaebe, Kenneth Eric, B.Sc., Mathematical Physics I	1961	Pocock, Kenneth John, B.Sc., Geology I	1962
Krishnapillai, Vijeyasehari, B.Sc., Microbiology I	1961	Pontifex, Ian Russell, B.Sc., Geology IIA	1962
Laslett, Robert Lacy, B.Sc., Organic Chemistry IIA	1961	Porter, Christopher Robert, B.Sc., Geology IIA	1962
Lawry, Peter Sheldon, B.Sc., Physical and Inorganic Chemistry IIA	1961	Reinfelds, Gundega, B.Sc., Physical and Inorganic Chemistry I	1962
McCoy, Donald George, B.Sc., Physics I	1961	Ruthven, Max Graham, B.Sc., Physical and Inorganic Chemistry IIB	1962
McLaughlin, Ian Leonard, B.Sc., Mathematical Physics IIA	1961	Sag, Thomas William, B.Sc., Mathematics I	1962
Nelson, Peter John, B.Sc., Organic Chemistry IIA	1961	Smith, David Aitchison, B.Sc., A.U.A. (Music) Physics I	1962
Novotny, Jaroslav, B.Sc., Organic Chemistry IIA	1961	Swann, John Christopher, B.Sc., Physical and Inorganic Chemistry I	1962
Offler, Robin, B.Sc., Geology IIA	1961	Taylor, Graham Frank, B.Sc., Physical and Inorganic Chemistry IIA	1962
Oliver, Jeffrey Graham, B.Sc., Geology IIA	1961	Theile, Wayne Kerwin, B.Sc., Geology IIA	1962
Paddick, Anthony William, B.Sc., Physics IIB	1961	Virgo, David, B.Sc., Geology IIA	1962
Ramsay, George Caird, B.Sc., Organic Chemistry I	1961	Von der Borch, Sandra Marie, B.Sc., Zoology I	1962
Sandercock, Edward Robert, B.Sc., Physics IIA	1961	Waechter, Raymond Trevor, B.E., B.Sc., Mathematics I	1962
Scott, Roland Alexander David Byron, B.Sc. Mathematics I	1961	Williams, Lyall Richard, B.Sc., Organic Chemistry I	1962
Seppelt, Brian Maxwell, B.Sc., Physics I	1961	Yeomans, Frank Edward, B.Sc., Mathematical Physics I	1962
Shepley, Kathryn Florence, B.Sc., Biochemistry I	1961	Ahrens, Richard Walter, B.Sc., Mathematics IIA	1963
Simpson, Brian Clifton, B.Sc., Physical and Inorganic Chemistry I	1961	Alcock, John Francis, B.Sc., Physical and Inorganic Chemistry IIA	1963
Sved, John Andrew, B.Sc., Genetics IIA	1961	Allen, Robert John, B.Sc., Physical and Inorganic Chemistry IIA	1963
Szekeress, Peter, B.Sc., Mathematics I	1961	Barker, Anthony Alfred, B.Sc., Mathematical Physics IIB	1963
Teubner, Peter John Osmond, B.Sc., Physics IIA	1961	Blesing, Neville Victor, B.Sc., Physical and Inorganic Chemistry I	1963
Thomas, Josephine Anne, B.Sc., Physical and Inorganic Chemistry I	1961	Blake, Alastair Joseph, B.Sc., Physics I	1963
Tuck, Ernest Oliver, B.Sc., Mathematics I	1961	Caldor, Ian Campbell, B.Sc., Organic Chemistry I	1963
Weigold, Helmut, B.Sc., Physical and Inorganic Chemistry I	1961	Campbell, Robert Dean, B.Sc., Physics IIA	1963
Wigley, Tom Michael Lampe, B.Sc., Mathematical Physics IIA	1961	Chandler, Bruce Stanford, B.Sc., Physical and Inorganic Chemistry I	1963
Willoughby, Donald Ross, B.Sc., Geology IIA	1961	Clague, Dennis John, B.Sc., Mathematics IIA	1963
Wilson, Patricia Margaret, B.Sc., Biochemistry I	1961	Colman, Robert Malcolm, B.Sc., Mathematics I	1963
Young, Christabel Marion, B.Sc., Mathematics IIA	1961	Dainis, Andrew, B.Sc., Mathematical Physics I	1963
Anthony, Wayne Richard, B.Sc., Mathematics IIB	1962	Dodd, William Alfred, B.Sc., Botany IIA	1963
Arthur, Neville Langford, B.Sc., Physical and Inorganic Chemistry I	1962	Donnelly, Jillian Kay, B.Sc., Organic Chemistry I	1963
Baker, Richmond Jeffrey, B.Sc., Physical and Inorganic Chemistry IIA	1962	Drayton, Rodney Dean, B.Sc., Geology I	1963
Bubela, Bohdan, B.Sc., Biochemistry I	1962	Dunne, Michael Clarence, B.Sc., Mathematics I	1963
Campbell, Allan Peter, B.Sc., Physics IIA	1962	Ekers, Ronald David, B.Sc., Physics IIA	1963
Campbell, John Arthur, B.Sc., Mathematical Physics IIA	1962	Elix, John Alan, B.Sc., Organic Chemistry I	1963
Chandler, Graham Stanford, B.Sc., Organic Chemistry I	1962	Gayler, John Andrew, B.Sc., Organic Chemistry IIB	1963
Cooper, Desmond Wishart, B.Sc., Genetics I	1962	Golley, Malcolm George, B.Sc., Physics IIA	1963
Del Fabbro, Anthony John, B.Sc., Organic Chemistry IIA	1962	Graetz, Rodney Dean, B.Sc., Botany IIA	1963
Dobney, Philip Thomas, B.Sc., Physics IIA	1962	Guy, Robert William, B.Sc., Organic Chemistry IIA	1963
Drewer, Robert James, B.Sc., Organic Chemistry I	1962	Haddad, Gerald Neil, B.Sc., Physics I	1963
Edgar, John Alexander, B.Sc., Organic Chemistry IIA	1962	Harris, John Alfred, B.Sc., Zoology IIA	1963
Edgeloe, Michael John, B.Sc., Mathematics IIA	1962	Hartwig, Robert Eduard, B.Sc., Mathematics I	1963
Ellerton, Hugh David, B.Sc., Physical and Inorganic Chemistry IIA	1962	Heron, Ian Craig, B.Sc., Mathematics I	1963
Fong, Lian Hern, B.Sc., Physics IIA	1962	Hooper, Andrew Wesley, B.Sc., Physics I	1963
Gray, Allen Bruce, B.Sc., Organic Chemistry IIB	1962	Jakab, Miklos Laszlo, B.Sc., Organic Chemistry IIB	1963
Hosking, Roger John, B.Sc., Mathematical Physics IIA	1962	Leslie, Warren Canmore, B.Sc., Geology IIA	1963
Kammer, Monica Vivienne, B.Sc., Physics IIA	1962	McAnaney, Janette, B.Sc., Organic Chemistry IIA	1963
Kappelle, Karel, B.Sc., Geology IIA	1962	Martin, Terence Edwin, B.Sc., Biochemistry I	1963
Lee, David Harry, B.Sc., Mathematics I	1962	Mathews, John Hugh, B.Sc., Physics IIA	1963
Leydon, Robert John, B.Sc., Organic Chemistry IIA	1962	Mills, Kenneth William, B.Sc., Mathematics I	1963
Lloyd, Alan Russell, Geology IIA	1962	Morrissey, Noel Michael, B.Sc., Zoology IIA	1963
Lord, John Russell, B.Sc., Geology IIA	1962	Mulcahy, Dennis Estcourt, B.Sc., Physical and Inorganic Chemistry I	1963
		Pahl, Peter John, B.Sc., Mathematics IIA	1963
		Patterson, John Rayden, B.Sc., Physics IIA	1963
		Paul, David Brenton, B.Sc., Organic Chemistry I	1963
		Pederson, David Georges, B.Sc., Genetics IIA	1963
		Robinson, Warwick Bruce, B.Sc., Geology IIA	1963
		Slade, Phillip Garland, B.Sc., Geology I	1963

Smith, Grahame John Cooper, B.Sc., Zoology IIA	1963	Tye, Wan Pin, B.Sc., Mathematics IIA	1964
Thomas, Lindsay, B.Sc., Physics IIA	1963	van Bronswyk, Wilhelm, B.Sc., Physical and Inorganic Chemistry I	1964
Tindale, John, B.Sc., Mathematics IIA	1963	Vitols, Baiba, B.Sc., Mathematics IIB	1964
Webster, Betty Louise, B.Sc., Physics IIA	1963	Wade, Keith Oliver, B.Sc., Organic Chemistry IIA	1964
Wege, Dieter, B.Sc., Organic Chemistry I	1963	Walter, Bryan Robert, B.Sc., Physics IIB	1964
Wells, Kathleen Margaret, B.Sc., Microbiology IIB	1963	Weaver, Helen Christine, B.Sc., Microbiology IIA	1964
Wolanski, Bohdan Stanislaus, B.Sc., Microbiology IIB	1963	Wildy, Robert Lister, B.Sc., Geology IIA	1964
Wong, Kam Peng, B.Sc., Botany IIB	1963	Wilksch, Michael Vincent, B.Sc., Physics IIB	1964
Wong, Brenton, B.Sc., Organic Chemistry I	1964	Worley, Roderick Tom, B.Sc., Mathematics I	1964
Anderson, Ian Robert, B.Sc., Physical and Inorganic Chemistry I	1964	Wu, Ching Rhu, Christine, B.Sc., Organic Chemistry IIA	1964
Andrews, Anthony John, B.Sc., Mathematics IIA	1964	Allison, Graham Bruce, B.Sc., Physical and Inorganic Chemistry I	1965
Baldock, Robert Neil, B.Sc., Botany I	1964	Backstrom, Robert Peter, B.Sc., Mathematics IIA	1965
Barrow, Kevin David, B.Sc., Organic Chemistry I	1964	Barrett, Judith Eleonor, B.Sc., Mathematics I	1965
Bartusek, Karel, B.Sc., Physics IIA	1964	Blackburn, Trevor Robert, B.Sc., Physics IIA	1965
Bennett, Brian Thomas, B.Sc., Mathematics I	1964	Blagrove, Robert John, B.Sc., Physical and Inorganic Chemistry I	1965
Biezatis, Laima Asia, B.Sc., Microbiology IIA	1964	Blanksby, Peter Ernest, B.Sc., Mathematics I	1965
Bishop, Robert Raymond, B.Sc., Mathematical Physics I	1964	Braddock, Roger David, B.Sc., Mathematics IIA	1965
Blackman, Betty Grace, B.Sc., Physics I	1964	Bretag, Allan Hugo, B.Sc., Physiology I	1965
Brooker, John Owen, B.Sc., Mathematics IIB	1964	Brooke, Anthony Lackington, B.Sc., Mathematical Physics IIA	1965
Burtmanis, Egils, B.Sc., Mathematical Physics IIA	1964	Brownhill, Michael Harrington, B.Sc., Geology IIA	1965
Cawthron, Edward Robert, B.Sc., Physics I	1964	Bull, Anthony James, B.Sc., Mathematics IIA	1965
Cheong, Choong Kong, B.Sc., Mathematics I	1964	Bungey, Lloyd Morris, B.Sc., Physical and Inorganic Chemistry IIB	1965
Chye, Toh Cheong, B.Sc., Mathematics IIB	1964	Butterfield, Anthony William, B.Sc., Physics IIA	1965
Clark, Meredith Joan, B.Sc., Zoology I	1964	Carter, Colin Leslie, B.Sc., Mathematical Physics IIB	1965
Correll, Raymond Leaty, B.Sc., Botany IIA	1964	Casey, Bryan Anthony, B.Sc., Physical and Inorganic Chemistry I	1965
Culshaw, Eeveleen Anne, B.Sc., Microbiology IIB	1964	Chapple, Barry Edwin Exon, B.Sc., Geology IIA	1965
Cutten, Dean Robert, B.Sc., Physics I	1964	Cheng, Mee Chooi, B.Sc., Mathematics I	1965
Dainis, Ivars, B.Sc., Organic Chemistry I	1964	Chia, Ah Bah, B.Sc., Mathematics IIA	1965
Davis, Ronald Lindsay, B.Sc., Physics IIB	1964	Creaser, Roger Philip, B.Sc., Physics IIA	1965
Dingle, Roderick Edward, B.Sc., Physics IIA	1964	Davies, Ian Malcolm, B.Sc., Physics I	1965
Doyle, Elizabeth Margaret, B.Sc., Physics I	1964	Dolling, Maurice, B.Sc., Microbiology IIA	1965
Drew, John Francis, B.Sc., Physics IIB	1964	Durance, Geoffrey, B.Sc., Physics IIA	1965
Easton, Alan Keith, B.Sc., Mathematics IIA	1964	Ellis, Keith James, B.Sc., Physical and Inorganic Chemistry I	1965
Edwards, John Brian, B.Sc., Biochemistry IIA	1964	Felgate, David Gordon, B.Sc., Physics IIB	1965
Gambling, David John, B.Sc., Physics IIA	1964	Fennell, David John, B.Sc., Physical and Inorganic Chemistry IIA	1965
George, Robin John, B.Sc., Geology I	1964	Fischer, Alastair James, B.Sc., Mathematics IIB	1965
Gersch, Nerida Fay, B.Sc., Physical and Inorganic Chemistry I	1964	Ford, John Mackay, B.Sc., Physics IIB	1965
Harries, John Robathan, B.Sc., Physics I	1964	Cartrell, Grant, B.Sc., Physics IIA	1965
Hodson, Allin Charles, B.Sc., Zoology IIA	1964	Gibberd, Robert William, B.Sc., Mathematical Physics IIA	1965
Hogarth, Rosamond Elizabeth Goldney, B.Sc., Physical and Inorganic Chemistry IIA	1964	Glasson, Alan Raymond, B.Sc., Mathematics I	1965
Hooper, Juan Frederick, B.Sc., Organic Chemistry IIA	1964	Goh, Kim Kee, Ivy, B.Sc., Botany IIA	1965
Khoo, Phon Sai, B.Sc., Mathematics IIA	1964	Goh, Tong Hong, B.Sc., Physical and Inorganic Chemistry IIA	1965
Kirk, Alexander Charles, B.Sc., Geology I	1964	Gordon, Elizabeth Mary, B.Sc., Botany I	1965
Knapman, Jeffrey Warren, B.Sc., Mathematics IIA	1964	Gough, Paul Lancelot, B.Sc., Physics IIA	1965
Lim, Cheng-Sang, B.Sc., Organic Chemistry IIB	1964	Greenlees, Alan William, B.Sc., Biochemistry IIA	1965
Lindner, John Alan, B.Sc., Organic Chemistry IIA	1964	Grygorcewicz, Czeslaw, B.Sc., Physical and Inorganic Chemistry IIA	1965
Marshall, Jennifer Ann, B.Sc., Genetics I	1964	Holst, Richard John, B.Sc., Zoology I	1965
Millard, Diane Lesley, B.Sc., Botany I	1964	Howlett, Philip George, B.Sc., Mathematics IIA	1965
Mills, Richard Andrew, B.Sc., Physical and Inorganic Chemistry I	1964	Iverson, Geoffrey John, B.Sc., Mathematical Physics I	1965
Milne, Geoffrey Maxwell, B.Sc., Mathematical Physics IIA	1964	Jemison, Robert William, B.Sc., Organic Chemistry I	1965
Mountford, Graham Charles, Mathematical Physics IIA	1964	Kirby, Ronald Franklyn, B.Sc., Mathematics IIA	1965
Ooi, Eam Beng, B.Sc., Mathematics IIB	1964	Lam, Ying, B.Sc., Biochemistry IIA	1965
Osman, Muhammed Abdul Chaffar, B.Sc., (Lond.), Organic Chemistry IIA	1964	Lazaroff, Nicholas, B.Sc., Botany I	1965
Parsons, Peter Gordon, B.Sc., Organic Chemistry IIA	1964	Leach, Brian George, B.Sc., Mathematics I	1965
Pedler, Pender James, B.Sc., Mathematics I	1964	Lewis, Brian Murray, B.Sc., Physics I	1965
Piddington, Robert William, B.Sc., Zoology IIA	1964	Liddiard, Kevin Charles, B.Sc., Physics IIA	1965
Proske, Uwe, B.Sc., Zoology IIA	1964	Liddle, John Michael, B.Sc., Organic Chemistry IIA	1965
Remeljej, Wolfgang Werner, B.Sc., Physical and Inorganic Chemistry IIA	1964	Liew, Nyok Kheng, B.Sc., Zoology IIA	1965
Seneta, Eugene, B.Sc., Mathematics I	1964	Lim, Teck Kah, B.Sc., Mathematical Physics I	1965
Stevens, Alice Cereddwy, B.Sc., Mathematics IIB	1964		
Symonds, Phillip Jeffrey, B.Sc., Mathematical Physics IIA	1964		
Tanzer, Christian Ignatius, B.Sc., Organic Chemistry I	1964		
Thompson, Glen Raymond, Mathematics IIA	1964		
Tomlin, John Anthony, B.Sc., Mathematics IIA	1964		

Lijn, Yew Meng, B.Sc., Mathematics IIA	1965	Elhay, Sylvan, B.Sc., Computing Science IIA	1966
Ling, Ai Mee, B.Sc., Biochemistry I	1965	Ellery, Brenton Wayne, B.Sc., Biochemistry IIA	1966
McAvaney, Bryant John, B.Sc., Physics I	1965	Farmer, Anthony John Douglas, B.Sc., Physics IIA	1966
McClure, James Barry Damian, B.Sc., Organic Chemistry IIB	1965	Fleming, Peter David, B.Sc., Geology I	1966
McKay, David James, B.Sc., Microbiology I	1965	Fogg, David Anthony Berthold, B.Sc., Computing Science IIB	1966
Maconochie, John Richard, B.Sc., Botany IIA	1965	French, Robert John, B.Sc., Zoology I	1966
Major, Robert Bradshaw, B.Sc., Geology IIB	1965	Gascoine, Christopher Eric, B.Sc., Computing Science IIA	1966
Martens, Judith Suzanne, B.Sc., Organic Chemistry IIB	1965	Glastonbury, Ronda May, B.Sc., Mathematics I	1966
Mayo, Oliver, B.Sc., Genetics I	1965	Goh, Teik Poh, B.Sc., Organic Chemistry IIA	1966
Moody, Keith, B.Sc., Organic Chemistry IIA	1965	Goode, Alan Douglas Tracy, B.Sc., Geology I	1966
Nunn, Christina Eleanor, B.Sc., Botany I	1965	Greenfield, Richard John, B.Sc., Mathematics I	1966
O'Connor, Graham Geoffrey, B.Sc., Physics IIA	1965	Grigson, Christopher James, Mathematical Physics I	1966
Paice, John Clarence, B.Sc., Organic Chemistry IIA	1965	Grimm, Raymond Clifford, B.Sc., Mathematical Physics I	1966
Palenschus, Henry Arthur, B.Sc., Organic Chemistry IIA	1965	Harris, Kenneth Robert, B.Sc., Physical and Inorganic Chemistry IIA	1966
Palmer, Ian Dexter, B.Sc., Physics IIA	1965	Harrop, Clifford John Francis, B.Sc., Zoology I	1966
Panter, Roderick Alan, B.Sc., Biochemistry I	1965	Holding, Leigh James, B.Sc., Organic Chemistry IIA	1966
Pemberton, Russell Edward, B.Sc., Microbiology I	1965	Hope, Rory Moulden, B.Sc., Genetics IIA	1966
Pfützer, Julian Paul, B.Sc., Physics IIA	1965	Hosking, Anthony John, B.Sc., Geology IIA	1966
Price, Isobel Phebe, B.Sc., Botany IIA	1965	Houston, Terry Francis, B.Sc., Zoology I	1966
Pryor, Anthony John, B.Sc., Genetics IIA	1965	Jackson, Mervyn Benjamin, B.Sc., Organic Chemistry I	1966
Redmond, John William, B.Sc., Organic Chemistry I	1965	Kerrisk, John Michael, B.Sc., Mathematical Physics IIA	1966
Reiss, James Allan, B.Sc., Organic Chemistry I	1965	Kleeman, John Douglas, B.Sc., Geology I	1966
Reynolds, Geoffrey Dennison, B.Sc., Organic Chemistry I	1965	Krieg, Graham Walter, B.Sc., Geology IIA	1966
Rogers, Lesley Joy, B.Sc., Zoology I	1965	Krips, Henry Paul, B.Sc., Mathematical Physics IIA	1966
Shaughnessy, Peter Douglas, B.Sc., Genetics IIB	1965	Lehmann, Philip Ross, B.Sc., Geology IIA	1966
Sinclair, David Foulis, B.Sc., Organic Chemistry IIB	1965	Lemon, Meredith, B.Sc., Zoology I	1966
Soddy, Sheila, B.Sc., Physiology IIA	1965	Lewis, Robyn, B.Sc., Computing Science I	1966
Summerfield, William Charles, B.Sc., Mathematics I	1965	Lindquist, William Francis, B.E. (Otago), Geology I	1966
Talmet, Maie-Anne, B.Sc., Organic Chemistry IIA	1965	McFarlane, Anthony Roderic, B.Sc., Mathematical Physics IIB	1966
Tam, Wai Sheung, B.Sc., Mathematics IIA	1965	McFeat, Richard Bruce, B.Sc., Mathematics I	1966
Thong, Kar Lum, B.Sc., Physical and Inorganic Chemistry IIA	1965	McKee, William Dennis, B.Sc., Mathematics I	1966
Tregloan, Peter Allan, B.Sc., Physical and Inorganic Chemistry I	1965	Mason, Malcolm Geoffrey, B.Sc., Geology IIA	1966
Trett, Victor, B.Sc., Organic Chemistry IIB	1965	Mayfield, Robert John, B.Sc., Organic Chemistry I	1966
Tuckwell, Henry Clavering, B.Sc., Mathematical Physics IIB	1965	Meakin, Christopher Paul, B.Sc., Organic Chemistry IIA	1966
Tume, Ronald Keith, B.Sc., Biochemistry IIA	1965	Morrison, Robert Gwydir Booth, B.Sc., Physiology IIA	1966
Walsh, Eleanor Wynn, B.Sc., Mathematical Physics IIA	1965	Morrow, Richard, B.Sc., Physics IIA	1966
Woodroffe, Alice, B.Sc., Zoology IIA	1965	Nelson, Christopher Eastick, B.Sc., Mathematics IIA	1966
Worthley, Sandra, B.Sc., Organic Chemistry IIA	1965	Nielsen, Jan, B.Sc., Biochemistry IIA	1966
Yong, Swee Kee, B.Sc., Geology IIA	1965	Panton, David Michael, B.Sc., Mathematics I	1966
Zdysiewicz, Jan Romuald, B.Sc., Physical and Inorganic Chemistry I	1965	Pepela, Crowther Ngoya, B.Sc., (London), Physical and Inorganic Chemistry IIA	1966
Bahr, John Leslie, B.Sc., Physics IIA	1966	Philpott, Clive Mervyn, B.Sc., Zoology IIA	1966
Barnden, Leighton Reginald, B.Sc., Physics IIA	1966	Pope, Russell Leslie, B.Sc., Mathematics I	1966
Beresford, Anthony Charles, B.Sc., Physics IIA	1966	Riceman, Mary Stirling, B.Sc., Physics IIA	1966
Boswell, Roderick William, B.Sc., Physics IIA	1966	Rogers, Roderick Westgarth, B.Sc., Botany IIA	1966
Bowering, Owen James Wheatley, B.Sc., Geology IIA	1966	Roney, Bruce Deane, B.Sc., Organic Chemistry IIA	1966
Bowness, Helen, B.Sc., Mathematics I	1966	Rossiter, Dean Edward, B.Sc., Physics IIA	1966
Bracken, Anthony John, B.Sc., Mathematical Physics I	1966	Rowan, Ian Stanley, B.Sc., Economic Geology IIA	1966
Bradshaw, Douglas Richard, B.Sc., Organic Chemistry IIA	1966	Saddler, Hugh David Walter, B.Sc., Botany I	1966
Brooker, Peter Ian, B.Sc., Mathematical Physics I	1966	Schubert, Mark Theodor, B.Sc., Physics IIA	1966
Byers, Alan Edwin, B.Sc., Physical and Inorganic Chemistry IIA	1966	Smith, Ian Robert, Zoology IIB	1966
Campbell, Anne Judith, B.Sc., Biochemistry I	1966	Smyth, David Robert, B.Sc., Genetics I	1966
Clarke, Robert John, B.Sc., Mathematics I	1966	Soh, Gwek Neo, B.Sc., Biochemistry IIB	1966
Colman, Peter Malcolm, B.Sc., Physics I	1966	Stirling, Andrew John, B.Sc., Physics IIA	1966
Cooper, Robert Kingham, B.Sc., Physical and Inorganic Chemistry IIA	1966	Tebecis, Andris Karlis, B.Sc., Zoology IIA	1966
Cramond, David Norton, B.Sc., Physical and Inorganic Chemistry I	1966	Thompson, Norman, B.Sc., Physical and Inorganic Chemistry I	1966
Coppin, Robert John, B.Sc., Economic Geology IIA	1966	Thredgold, Harold Malcolm, B.Sc., Organic Chemistry I	1966
Disney, Shaun Anthony Requa, B.A., B.Sc., Mathematics I	1966	Van Roekel, Margaret Anne, B.Sc., Physiology IIA	1966
Donaghue, Paul Francis, B.Sc., Organic Chemistry IIA	1966	Walter, Malcolm Ross, B.Sc., Geology I	1966
		West, Keith Robert, B.Sc., Botany IIA	1966
		Wildy, John Edward, B.Sc., Mathematics IIA	1966
		Walji, Ahmed Hassanali, B.Sc., Organic Chemistry I	1966
		Worden, John Maxwell, B.Sc., Geology IIA	1966

HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

Gabb, Bronte Winston, Genetics I - - -	1961	Thomas, David Westwood, Physiology IIA -	1963
Hopcroft, Stanley Cecil, Pharmacology IIB -	1961	Van Dongen, Robert, Anatomy I - - -	1963
Miller, Colin David John, General Pathology IIA - - - - -	1961	Wahlquist, Mark Lawrence, Physiology IIA -	1963
Muller, Hans Konrad, General Pathology IIA	1961	McCarthy, Peter Justin, Biochemistry IIA -	1964
Favilla, Ian, Biochemistry IIB - - - -	1962	Charlton, Peter James, Genetics I - - -	1965
Harding, Philip Ernest, Physiology IIA - - -	1962	Dienes, Nigel Anthony, Biochemistry I - -	1965
Johnson, Nicholas, Biochemistry IIB - - -	1962	Khoo, Kay Keng, Microbiology I - - - -	1965
Perriam, Donald John, Genetics IIB - - - -	1962	Sosula, Leo, Anatomy I - - - - -	1965
Roman, Desmond, Physiology IIA - - - -	1962	Stepanas, Antanas Vytautas, Physiology IIA -	1965
Black, Andrew Barham, General Pathology IIA - - - - -	1963	Bastian, Peter Desmond, Physiology IIA -	1966
Fotheringham, Brian James, Physiology IIA -	1963	Chivers, Robin Rayment, Physiology, IIA -	1966
Meyer, Carl Hugh Alexander, Anatomy IIA -	1963	Juttner, Christopher Aylwin, Physiology I -	1966
Reilly, Peter Lawrence, Physiology IIA - - -	1963	Philpot, Christopher Ross, Physiology I - -	1966
		Young, Janet Isabelle, Pathology I - - -	1966

HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY

Blanden, Robert Vincent, B.D.S. IIA - - -	1962	Chau, Kai Kin, B.D.S. I - - - - -	1965
Waterson, John Gabriel, B.D.S. IIA - - -	1963	Kuusik, Sven, B.D.S. IIB - - - - -	1966
Wei, Hon Yin, Stephen, B.D.S. IIA - - -	1963		

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Andrews, Francis Brian, Electrical II - - -	1961	Adams, Jeremy Sorby, Metallurgical and Chemical I - - - - -	1963
Ball, John Minchin, Metallurgical and Chemical II - - - - -	1961	Blandy, Charles William Douglas, Metallurgical and Chemical IIB - - - - -	1963
Bamford, Robert Leslie, Mechanical II - - -	1961	Carmichael, Keith Ernest, Metallurgical and Chemical I - - - - -	1963
Beacham, Kenneth William, Electrical II -	1961	Collier, Alan William Gordon, Metallurgical and Chemical IIB - - - - -	1963
Cameron, Robert Alastair, Metallurgical and Chemical I - - - - -	1961	Cooper, Dennis Neil, Electrical Engineering I	1963
Chong, Chow Pang, Mechanical II - - - -	1961	Flower, Ian Cameron, Mechanical I - - -	1963
Clayton, Peter Scott, Metallurgical and Chemical II - - - - -	1961	Fryer, Colin, Metallurgical and Chemical I -	1963
Hart, John Austin, Metallurgical and Chemical II - - - - -	1961	Haddow, Ian Hamilton, Metallurgical and Chemical IIB - - - - -	1963
Hawryszkiewicz, Igor Titus, Electrical I - -	1961	Lorenz, Ross, Metallurgical and Chemical IIA	1963
Howe-Prening, Robert, Civil II - - - - -	1961	Maitland, Ian Boyd Gibb, Civil IIA - - -	1963
Inglis, Geoffrey Russell, Mechanical I - - -	1961	Marrett, Robin Allan, Metallurgical and Chemical IIB - - - - -	1963
Jones, Trevor Robert, Civil II - - - - -	1961	Morgan, Garth Alan, Mechanical Engineering IIA - - - - -	1963
Kelly, Bryan Llewellyn, Metallurgical and Chemical I - - - - -	1961	Phillips, Colin Rex, Metallurgical and Chemical IIA - - - - -	1963
Lee, Yee Cheong, Electrical I - - - - -	1961	Rehn, Peter Francis, Electrical I - - - - -	1963
McKay, Brian John, Electrical II - - - - -	1961	Rogers, Peter Lindsay, Metallurgical and Chemical I - - - - -	1963
Miller, Michael Joseph, Electrical II - - -	1961	Shimmin, Edward William, Electrical IIB - -	1963
Miller, Roland John, Mechanical II - - -	1961	Bottoff, Peter Jeffrey, Civil IIB - - - -	1964
Mullan, Barry James, Electrical II - - -	1961	Bowen, Graeme Philip, Electrical I - - -	1964
Potter, Robert James, Electrical I - - - -	1961	Boyley, Maxwell John, Mechanical IIB - - -	1964
Read, Anthony Llewellyn, Civil I - - - -	1961	Branson, Rodman Wayne, Chemical IIB - - -	1964
Rimmer, David Barry, Civil I - - - - -	1961	Brown, Garry Leslie, Mechanical I - - -	1964
Scales, Peter James, Civil I - - - - -	1961	Cambrell, Gregory Keith, Electrical I - - -	1964
Schroeder, Harold, Civil I - - - - -	1961	Coxon, Christopher Gavin Murray, Mechanical IIA - - - - -	1964
Shepherd, Kenneth John, Civil II - - - -	1961	Crews, Brian Dudley, Chemical I - - - -	1964
Sim, Cheok Lim, Civil I - - - - -	1961	Dolan, David Sutton, Chemical IIA - - -	1964
Truscott, Edward Glen, Civil I - - - - -	1961	Drewer, Peter Clifford, Electrical I - - -	1964
Wallace, Peter Richard, Electrical II - - -	1961	Duncan, Craig Thomas, Civil IIA - - - -	1964
Wilson, Christopher John, Mechanical II - -	1961	Dyson, Anthony Edward Stafford, Chemical IIA - - - - -	1964
Bishop, Peter Joseph, Metallurgical and Chemical IIA - - - - -	1962	Gower, Stephen Norman, Mechanical I - - -	1964
Choong, Thong Cheong, Mechanical IIB - - -	1962	Jansen, Malcolm Lindsay, Chemical IIA - -	1964
Collins, David Anthony, Metallurgical and Chemical IIB - - - - -	1962	Jones, Graham Roy, Chemical IIB - - - -	1964
Colliver, Anthony David, Mechanical I - - -	1962	Kimber, Maxwell James, Electrical IIA - - -	1964
Culley, Murdoch, Mechanical IIA - - - -	1962	Leigh-Jones, Peter, Electrical I - - - -	1964
Foot, Colin John, Mechanical IIB - - - -	1962	Melbourne, John Dugald, Chemical IIB - - -	1964
Frick, Anthony James, Civil I - - - - -	1962	Moretti, Franco Giacomo, Civil IIA - - -	1964
Gunaratnam, Daniel, Civil I - - - - -	1962	Mudie, David, Civil IIB - - - - -	1964
Hale, Malcolm Robert, Mechanical I - - - -	1962	Olsen, Christopher John, Civil IIA - - -	1964
Haskard, Donald Leith, Electrical I - - -	1962	Parkin, John Wilson, Civil I - - - - -	1964
Hoh, Kiang Hoy, Civil IIA - - - - -	1962	Patterson, Dean James, Electrical I - - -	1964
Jansen, Geoffrey Clive, Mechanical I - - -	1962	Payze, Rodney John, Civil I - - - - -	1964
McIntosh, Andrew Locheil, Mechanical IIB -	1962	Roberts, Ian Noel, Civil IIA - - - - -	1964
Ooi, Boon Teck, Electrical I - - - - -	1962	Roberts, Terence James, Chemical I - - -	1964
Pascoe, Timothy Lawrence, Civil I - - - -	1962	Sawley, Roger John, Mechanical IIB - - -	1964
Phillips, John Townley, Civil I - - - - -	1962	Smith, Bernard Maurice, Electrical I - - -	1964
Robinson, Philip Arthur, Mechanical I - - -	1962	Stacey, Barrie Graham, Civil IIB - - -	1964
Rogers, Kerry Llewellyn, Metallurgical and Chemical IIB - - - - -	1962	Story, Michael John, Chemical I - - - -	1964
Smith, Brian Ewan, Civil IIB - - - - -	1962	Svdenham, Peter Henry, Electrical IIA - - -	1964
Sobolewski, John, Electrical IIA - - - - -	1962	Thomson, Richard William, Chemical I - - -	1964
Stokes, Roger David, Civil I - - - - -	1962	Warren, Christopher Michael, Chemical IIB -	1964
Thyer, George Maitland, Mechanical IIA - -	1962		
Vladcoff, Adrian Nicholas, Electrical I - -	1962		
Vu, The Bao, Electrical I - - - - -	1962		
Zockel, Manfred, Mechanical I - - - - -	1962		

Wastell, John Ernest, Mechanical IIA - - -	1964	Tozer, Barry Allan, Civil IIA - - -	1965
Woodburn, John Arnold, Civil I - - -	1964	Welford, John Peter, Mechanical I - - -	1965
Barter, Christopher John, Electrical I - - -	1965	Wesson, Roy Harold, Electrical IIB - - -	1965
Carpenter, Allan Lloyd, Mechanical IIA - - -	1965	Yeow, Koh Wah, Mechanical IIA - - -	1965
Doherty, Lindsay Edgar, Civil IIA - - -	1965	Zimmermann, Werner, Electrical IIA - - -	1965
Edmonds, Peter Harry, Electrical IIA - - -	1965	Akhtar, Muhammad Yaqub, Electrical I - - -	1966
Flavel, Warren Louis, Electrical I - - -	1965	Arthur, Neil Fleming, Chemical IIB - - -	1966
Hackett-Jones, Francis Charles, Electrical IIA	1965	Boas, Robert Victor, Mechanical IIA - - -	1966
Harris, Howard Robert, Chemical IIB - - -	1965	Chan, Tiong Hin, Chemical IIB - - -	1966
Hashim, bin Mohammed Salleh, Electrical I	1965	Dean, Peter David, Mechanical IIB - - -	1966
Isaachsen, Oscar Alan, Chemical IIA - - -	1965	Golley, Bruce Wilfrid, Civil IIB - - -	1966
Kershaw, Allan James, Electrical IIA - - -	1965	Hng, Hung Cheng, Mechanical I - - -	1966
Lee, Huat Chye, Jeffrey, Electrical I - - -	1965	Lees, Maxwell Laurence, Electrical I - - -	1966
Lim, Kim Boon, Mechanical I - - -	1965	Liddy, John Davis, Chemical IIB - - -	1966
McGrath, Humphry Addison, Electrical IIA	1965	Lim, Thuan Khee, Civil I - - -	1966
Moh, Hak Serh, Electrical IIB - - -	1965	McInnes, Douglas Bruce, Civil IIB - - -	1966
Polson, Peter, Electrical IIA - - -	1965	McRae, Donald Ian, Civil I - - -	1966
Roennfeldt, Richard John, Mechanical IIB	1965	Moxham, Kenneth Ewing, Civil I - - -	1966
Rowe, James William, Chemical IIA - - -	1965	Orchard, Ian Hamilton, Civil IIA - - -	1966
Sobolewski, Victor Conrad, Electrical I - - -	1965	Robert, John Douglas, Electrical IIA - - -	1966
Tam, Kau Tim, Electrical IIB - - -	1965	Ryan, William James, Chemical IIA - - -	1966
Tamke, John William, Electrical IIB - - -	1965	Stevens, Ross Linwood, Civil IIA - - -	1966
Tham, Cham Kwong, Electrical IIA - - -	1965	Tough, Peter Frank, Chemical IIA - - -	1966
Tham, Toong Seng, Mechanical IIA - - -	1965	Treloar, Philip Douglas, Civil IIA - - -	1966

HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE

Williams, David Reginald Glyndwr, Applied Chemistry I - - -	1961	Siviour, Neil Graham, B.App.Sc., Applied Chemistry IIA - - -	1963
Armstrong, Graeme John, B.App.Sc., Applied Chemistry I - - -	1962	Le Maistre, Christopher William, B.App.Sc., Secondary Metallurgy I - - -	1965

HONOURS DEGREE OF BACHELOR OF ARCHITECTURE

Griggs, Arden Michael, I - - - - -	1961	Murphy, John Frederick, II - - - - -	1964
Russell, John Victor, II - - - - -	1961	Rowney, Barry Glencoe, II - - - - -	1964
Hauser, Robin, II - - - - -	1963	Schenk, John Robert, II - - - - -	1964
Jensen, Peter Rolf, I - - - - -	1963	Ballinger, John Albyn, II - - - - -	1965
Lapsys, Antanas Tomas, II - - - - -	1963	Fritzsche, Janet May, II - - - - -	1965
Pikusa, Stefan Adam, I - - - - -	1963	Loffler, Keith Richard, II - - - - -	1965
Grove, Richard Jeffrey, I - - - - -	1964	Nairn, Geoffrey Weynton, II - - - - -	1965

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Dodman, Robert Louis, B.Ag.Sc., Plant Pathology I - - - - -	1960	Scott, Nigel Steele, B.Ag.Sc., Agricultural Biochemistry IIB - - - - -	1962
Fawcett, Robert Graham, B.Ag.Sc., Soil Science I - - - - -	1960	Burgoyne, Leigh Alexander, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1963
Moller, William John, B.Ag.Sc., Plant Pathology IIA - - - - -	1960	Clay, Roger Edgumbe, B.Ag.Sc., Plant Breeding IIA - - - - -	1963
Ross, Maxwell Alexander, B.Ag.Sc., Plant Physiology IIA - - - - -	1960	Gayler, Kenwyn Ronald, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1963
Wells, Julian Richard Este, B.Ag.Sc., Agricultural Biochemistry I - - - - -	1960	Luxmoore, Robert John, B.Ag.Sc., Agronomy IIA - - - - -	1963
Young, Richard Scott, B.Ag.Sc., Agronomy IIA - - - - -	1960	Bailey, Lindsay Frank, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1964
Basson, Alfred Graham, B.Ag.Sc., Entomology IIA - - - - -	1961	Byrne, Maurice John, B.Ag.Sc., Entomology IIA - - - - -	1964
Djajakusumah, Taty Rahmatiah, B.Ag.Sc., Entomology IIA - - - - -	1961	Ford, Graeme West, B.Ag.Sc., (Melb.), Soil Science I - - - - -	1964
Edwards, David George, B.Ag.Sc., Soil Science I - - - - -	1961	Robinson, James Bennett, B.Ag.Sc., Plant Physiology IIA - - - - -	1964
Muljadi, Djojmartono, B.Ag.Sc., Soil Science IIA - - - - -	1961	Smeaton, John Richard, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1964
Radcliffe, John Clive, B.Ag.Sc., Agronomy IIA - - - - -	1961	Taplin, David Elliott, B.Ag.Sc., Animal Husbandry IIA - - - - -	1964
Simons, David Henry, B.Ag.Sc., Plant Physiology IIA - - - - -	1961	Yates, Neville Geoffrey, B.Ag.Sc., Animal Husbandry IIA - - - - -	1964
Taylor, Brian Kenwyn, B.Ag.Sc., Plant Physiology I - - - - -	1961	Nancarrow, Colin Douglas, B.Ag.Sc., Entomology IIA - - - - -	1965
Theng, Kian Goan, Benny, B.Ag.Sc., Soil Science I - - - - -	1961	Smith, John Lewis, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1965
Bottrill, Dean Edward, B.Ag.Sc., Agricultural Biochemistry IIB - - - - -	1962	Swincer, Graeme Douglas, B.Ag.Sc., Soil Science IIA - - - - -	1965
Burford, John Roland, B.Ag.Sc., Soil Science IIA - - - - -	1962	Cooper, Leith Thomas, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1966
Hicks, Peter George, B.Ag.Sc., Plant Pathology IIB - - - - -	1962	Moriarty, David Joseph Wulstan, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1966
Murray, Andrew Walter, B.Ag.Sc., Agricultural Biochemistry IIA - - - - -	1962	Peter, Duncan Wilbur, B.Ag.Sc., Animal Production and Physiology IIA - - - - -	1966
Pratt, Bryan Harry, Plant Pathology IIA - - - - -	1962	Redden, Robert John, B.Ag.Sc., Plant Breeding IIB - - - - -	1966
Puckridge, Donald William, B.Ag.Sc., Agronomy I - - - - -	1962	Smeaton, Timothy Clive, B.Ag.Sc., Animal Production and Physiology IIA - - - - -	1966
Randles, John Wesley, B.Ag.Sc., Plant Pathology IIA - - - - -	1962		

HONOURS DEGREE OF BACHELOR OF LAWS

For previous lists see Calendars from 1961

Cornish, William Rodolph, I	- - - - -	1960	Jarvis, Deane Graham, II	- - - - -	1963
Prior, Graham Clifton, I	- - - - -	1960	Detmold, Michael James, II	- - - - -	1964
Debelle, Bruce Malcolm, II	- - - - -	1961	Doyle, Margaret Cecelia, II	- - - - -	1965
Gervasi, Illa Lydia, II	- - - - -	1961	Lindell, Geoffrey John, I	- - - - -	1965
Kelly, David St. Leger, II	- - - - -	1961	Lunn, Robert Martin, II	- - - - -	1965
Clark, Sandford Delbridge, II	- - - - -	1962	McDonnell, Ian Peter, II	- - - - -	1966
Finnis, John Mitchell, I	- - - - -	1962			

HONOURS DEGREE OF BACHELOR OF MUSIC

Cann, Melvyn Roy, Mus.Bac. I	- - - - -	1965	Wickes, Lewis Charles, Mus.Bac. I	- - - - -	1965
Kartomi, Margaret Joy, Mus.Bac. I	- - - - -	1965	Barker, John Wesley, B.Mus. I	- - - - -	1966
MacKay, Heather Margaret, Mus.Bac. II	- - - - -	1965	Kenny, Michael John, B.Mus. I	- - - - -	1966
Tobin, Ashleigh Hambridge, Mus.Bac. I	- - - - -	1965	Lakin, Angela Mary, B.Mus. II	- - - - -	1966

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere	- - - - -	1946	Gifford, Alfred Silva Harrill	- - - - -	1919
Abbott, Herbert Lewis	- - - - -	1933	Giles, Acland	- - - - -	1905
Adcock, John Bartlett	- - - - -	1931	Gillman, Joseph Fisher	- - - - -	1931
Alderman, Henry Graham	- - - - -	1917	Goldsworthy, Napier Lytton	- - - - -	1949
Alderman, John Kevin	- - - - -	1938	Goldsworthy, Spencer Gordon	- - - - -	1916
Alderman, John Robinson	- - - - -	1950	Goldsworthy, William Beazley	- - - - -	1903
Alderman, Patric Graham	- - - - -	1961	Goode, David Russell	- - - - -	1949
Andersen, Neville Paul	- - - - -	1962	Goode, Evan Anderson	- - - - -	1926
Ashton, Edward James Wilberforce	- - - - -	1896	Gordon, Leslie Kenneth	- - - - -	1947
Ashton, Thomas Edward	- - - - -	1941	Grubb, Roy William	- - - - -	1949
Astley, Michael John	- - - - -	1950	Gun, Anthony Townsend	- - - - -	1963
Atkinson, Alfred Harris Owst	- - - - -	1900	Gun, Clement Townsend	- - - - -	1920
Badger, Magnus	- - - - -	1918	Gun, John Townsend	- - - - -	1953
Bakewell, William Kenneth	- - - - -	1908	Gun, Lloyd Townsend	- - - - -	1949
Beerworth, William Carl	- - - - -	1932	Hague, Percy	- - - - -	1897
Bennett, Henry Trevor	- - - - -	1949	Hall, Robert Fishburn	- - - - -	1936
Bentley, Ronald Richard	- - - - -	1966	Harders, Clarence Waldemar	- - - - -	1943
Boucaut, Douglas le Rey	- - - - -	1927	Hardy, John Scott	- - - - -	1926
Boucaut, George Hiles	- - - - -	1906	Harford, Basil Beverley	- - - - -	1928
Boucaut, Ian Penn	- - - - -	1930	Hargrave, Charles Townshend	- - - - -	1904
Brebner, Charles Ross	- - - - -	1953	Hargrave, Lancelot Morton Spiller	- - - - -	1921
Bright, William Stuart	- - - - -	1904	Harry, Richard Varley	- - - - -	1937
Buttrose, Murray	- - - - -	1927	Hay, Frederick Dean	- - - - -	1934
Came, Alfred George	- - - - -	1931	Hayward, Cedric Charlie	- - - - -	1923
Cheek, Reginald Heithersay	- - - - -	1921	Healy, Kevin John Bernard	- - - - -	1915
Ciberas, Stasys	- - - - -	1956	Heseltine, Samuel Richard	- - - - -	1903
Claridge, Philip James	- - - - -	1947	Heuzenroeder, Rudolph Hermann	- - - - -	1913
Clark, John Osborne	- - - - -	1935	Heuzenroeder, William Ritter	- - - - -	1929
Clarke, Gregory Ronald Alfred	- - - - -	1965	Hilton, Keith Denyer	- - - - -	1947
Clarke, Laurence Eric	- - - - -	1920	Hodby, Herbert Charles	- - - - -	1922
Cleland, Peter Fullerton	- - - - -	1939	Holland, George Harold	- - - - -	1920
Cleland, Thomas Erskine	- - - - -	1919	Holland, William Corin	- - - - -	1909
Cocks, Arthur Wellesley	- - - - -	1936	Homburg, Hermann	- - - - -	1896
Collins, Dean Francis	- - - - -	1947	Homburg, John Hamilton	- - - - -	1939
Collison, Frank Lloyd	- - - - -	1926	Homburg, Peter John	- - - - -	1964
Colquhoun, Colin Roy	- - - - -	1928	Homburg, Renolf	- - - - -	1929
Coventry, Charles James	- - - - -	1911	Homburg, Robert	- - - - -	1897
Cresswell, George Edwin	- - - - -	1929	Humby, Rexton James	- - - - -	1943
Cutlack, Peter Robert	- - - - -	1926	Hunt, William Robert	- - - - -	1919
Daly, Kevin Joseph	- - - - -	1943	Hutchison, Charles Vernon Stuart	- - - - -	1937
Davenport, Arthur Vernon	- - - - -	1916	Innis, Kenneth Norman	- - - - -	1925
Davey, John Ryan	- - - - -	1938	Jacobs, Samuel Joshua	- - - - -	1948
Davey, Robert Shannon	- - - - -	1915	James, Alfred Charles	- - - - -	1899
Davies, Cecil Ernest	- - - - -	1928	Jessup, George Aubrey	- - - - -	1933
Davies, Dean Charles	- - - - -	1964	Johnson, James Howard	- - - - -	1900
Davis, Raymond William	- - - - -	1934	Johnston, Laurence Frederick John	- - - - -	1931
Davison, John Hubert Hawdon	- - - - -	1908	Jordan, David Wallace	- - - - -	1949
Davoren, Michael Dominic	- - - - -	1940	Kearney, Beasley James William	- - - - -	1925
Davoren, Thomas Anthony Francis	- - - - -	1937	Keats, Frederick Phillips	- - - - -	1909
Dawe, Reginald Stanley	- - - - -	1936	Kelly, Brian St. Leger	- - - - -	1964
Denny, William Joseph	- - - - -	1908	Kennedy, Donald Angus	- - - - -	1904
Dow, Ian Baird	- - - - -	1949	Kerin, William Francis	- - - - -	1944
Edmunds, Keith Stacey	- - - - -	1937	Kinnane, Alexander John	- - - - -	1935
English, John Arthur	- - - - -	1952	Kiosoglous, John Antoine	- - - - -	1964
Ferdinandy, Laszlo	- - - - -	1958	Kirkman, Kenneth Hainsworth	- - - - -	1918
Fischer, Robert John	- - - - -	1949	Kitchen, Barrie	- - - - -	1965
Fisher, Francis Robert	- - - - -	1949	Lake, Clement William Hingston	- - - - -	1907
Fisher, Guy	- - - - -	1920	Leslie, John	- - - - -	1922
Fleming, Stanley Hugh	- - - - -	1902	Lewis, Stanley Heathcote	- - - - -	1927
Fletcher, John Weld	- - - - -	1940	Little, Egbert Percy Graham	- - - - -	1898
Florent, Robert Franco	- - - - -	1965	McCann, William Francis James	- - - - -	1925
Fox, John Henry	- - - - -	1895	McCarthy, James Crimeen Ellery	- - - - -	1925
Fricke, Malcolm Swanson	- - - - -	1956	McCarthy, Neil Douglas	- - - - -	1955
Gajewicz, Jerzy Jakob	- - - - -	1965	McEntee, Kevin Vincent	- - - - -	1931
Gelston, Hedley Ringrose	- - - - -	1914	McEwin, George	- - - - -	1897
Genders, Alexander Forbes	- - - - -	1949	McGee, Edward Patrick	- - - - -	1933
Gibson, Reginald Mends	- - - - -	1923	McGee, John	- - - - -	1916

ASSOCIATES OF THE UNIVERSITY—MUSIC

1281

Mackay, Alan Justin	1936	Regan, James William	1913
Mackenzie, Charles Norman	1909	Reid, Walter Gliddon	1909
McLachlan, Ian	1932	Reilly, Matthew Leonard	1939
McLeay, Marshall John	1927	Roberts, Donald Arthur	1912
Magarey, Ashley Henderson	1932	Rollison, Gerald Dominic	1927
Marshall, John	1951	Rollison, William Alexander	1915
Martin, Hugh Wallis	1920	Ronald, Stewart Douglas	1910
Mathews, Llandaff Brisbane	1924	Rutter, George Lvall	1920
Matison, Victor Charles	1943	Rymill, Arthur Campbell	1928
Matulich, Ross Noel	1949	Sampson, Joyce Holman	1952
Mellor, James Corry	1949	Sanderson, Kenneth Francis Villiers	1918
Mellor, Thomas Reginald	1915	Scales, Philip George	1965
Menzies, Stewart Keith	1937	Shepherd, Joseph Scoresby	1899
Michell, George Wilfrid	1920	Shepherd, Scoresby Arthur	1957
Michell, John Elsome	1923	Smith, Frank Seymour	1914
Millhouse, Vivian Rhodes	1925	Smith, Francis Villeneuve	1906
Mills, Elliott Whitfield	1940	Smith, Francis Vyner	1960
Mollison, Thomas	1928	Smith, Paul Teesdale	1920
Morris, Gronwy Lewis	1932	Solomon, Helen Ethel	1933
Muirhead, Dennis Richard	1965	Solomons, Phillip Roland Nathan	1939
Muirhead, Henry Mortimer	1909	Somerville, Archibald John	1952
Mullighan, Edward Pictou	1962	Sowry, Peter Reginald	1960
Mutton, Carlyle Herbert	1938	Sparrow, Cyril Keith	1921
Napier, Robert Mellis	1936	Stokes, Robert Francis	1938
Nesbit, Hubert Gordon Pariss	1915	Sutherland, Allan James Lavis	1919
Nesbit, Lancelot Julian	1925	Swan, William Alfred	1948
Nesbit, Reginald George	1900	Sweeney, John Grant	1915
Newman, Douglas Ralph	1949	Sykes, Howard de Pledge	1936
Newman, Lloyd Kingsley	1962	Tapley, Willis Wayte	1909
Newman, Ralph Frederic	1921	Thiele, Dolek Henry	1965
Nicholls, Theodore Henry	1900	Treloar, James Leonard Sydney	1923
Nickolls, Peter Michael	1952	Tucker, Reginald Mervyn	1915
Nitschke, Galva Dennis	1954	Vandenbergh, William John	1896
Nuske, Sydney Gordon	1954	Von Bertouch, Leopold	1920
Odlum, Reginald Lance	1937	Von Doussa, Stanley Bowman	1901
O'Grady, Francis Ignatius	1939	Von Doussa, William Louis	1924
Owen, William Frederick	1906	Wald, Irving Dale	1923
Parmanandam, Vijaya	1965	Wallace, Anthony Verschuer	1960
Pavy, Emily Dorothea, B.A.	1928	Wallace, James Angove	1961
Pavy, Gordon Augustus	1924	Wallace, Norman Verschuer	1920
Pearce, Peter Sydney	1956	Ward, Henry Torrens	1900
Pearson, Charles Mason	1917	Warren, Sydney John	1911
Penna, Luigi	1965	Weaver, Alfred Charles	1903
Penny, Bertram Stephens	1906	Webb, Beecher Noel	1930
Philcox, Claude Joseph Owen	1929	Whimpress, Thomas Abraham	1934
Povey, Edward	1916	Wilkinson, John Maynard	1962
Power, Barry Patrick	1964	Williams, Dudley Charles Call	1946
Power, Louis Bertrand	1937	Williamson, James Aubrey	1925
Puddy, Albert Forwood	1934	Worth, Frank Lindsey	1932
Pyne, William Ewart	1915	Wright, Sydney Charles Grenville	1923
Rankin, Henry Oliver Arthur	1912	Yelland, Dene Sturt	1930
Reed, Douglas	1924	Young, Martin	1933
Reeves, Charles Wheatley	1924	Ziesing, George Ignatius	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Cadd, Hartley Blair Hogarth	1951
Adamson, Myrtle Gwendoline	1918	Cann, Melvyn Roy	1962
Alexander, Mary Vera	1917	Carmichael, Doris Darby	1923
Allgrove, Beatrice Jane	1951	Catt, Shirley Pearson Clifford	1938
Anderson, Jean	1936	Chapman, John Pearce	1958
Andrew, Una Lois	1915	Chappell, Glensy Melba	1961
Ashton, Kathleen Anne	1935	Chappel, Phyllis Harvey	1924
Attwell, Edna Marie	1918	Chatterton, Brian William	1965
Badenoch, Constance Mary	1921	Cheek, Alan Carvosso	1929
Bampton, Alfred John	1915	Cheek, Muriel Elizabeth	1900
Barbour, Dorothy Jean	1928	Christiansen, Desmond James	1963
Barden, Vina Melba	1933	Cilento, Gladys Muriel West	1913
Barry, Margaret Mary	1927	Clevery, Diane	1963
Basedow, Ivy Marie	1912	Cockburn, Julia Evelyn	1930
Bates, Edgar Clarence	1929	Colebatch, Frances Désirée	1965
Baulderstone, Clarice Moore	1923	Coleman, Rosemary Ann	1955
Bettcher, Lila Margaret	1955	Collins, Ella Mary	1916
Bice, Brenda Mae	1957	Collins, Yensie Margaret	1937
Biezaitis, Mara Sandra, (surrendered 1966)	1965	Commans, Teresa Audrey	1938
Black, Edward William	1923	Coonan, Mary Madeline	1955
Booth, Jean Marie	1941	Coonan, Rita Norlean	1919
Bowen, Gordon Melville	1935	Coumbe, Bertie Harold	1912
Brand, Marguerite Mary	1958	Counter, Beryl Cole	1924
Brindal, Ellen Grace	1922	Cowan, Diana Jean	1960
Brixius, Rotraud Annelie	1965	Covens, Vida Victoria	1928
Brooks, Doreen Mavis	1940	Craig, Margaret Heather	1955
Brooks, Merle Olive	1942	Crampton, Daisy Myrtle	1945
Brown, Kathleen Mary	1917	Cresswell, Muriel Blanche Lillecrapp	1925
Bruggeman, Martha Dorothy	1904	Cronin, Alice Elsie	1937
Burnard, David Alexander	1925	Curry, Shirley-Anne	1955
Butcher, Rosalie Anne	1963	Daenke, Dorothy Lucy	1929
Buxton, Ruth Dorothea	1966	Davy, Rubia Claudia Emily	1903
Byrne, Mary Teresa	1927	d'Arcy-Irvine, Alice Bond	1913

Day, Florence Muriel	1913	Letcher, Leonie	1966
Dick, Pauline May	1950	Levy, Juliette Isabelle Hinde	1961
Dix, Jessica Laura	1928	Lindh, Carlene Margaret	1958
Edwards, Herbert Percival	1922	Litchfield, Jean Rainsbury	1926
Ekers, Theodora Allman	1930	Lodge, Elizabeth Florence Cranston	1953
Ellis, Maureen Elizabeth	1965	Luxton, Jean Estcourt	1952
Evans, Bert	1913	McDermid, Neil Harvey	1956
Ewing, Violet Emily	1958	McDonald, Marjorie Jean	1962
Ey, Kathleen Elsie	1938	McGrath, Constance Cecily	1926
Feuchtersleben, Ilona Kathleen	1964	McGregor, Dorothy Mary	1930
Finch, Laura Evelyn	1932	McKinnon, Clara Elizabeth	1942
Finns, Catherine Meredith	1965	McLaughlin, Eric Enstone	1926
Fisher, Helena Catherine	1924	McMahon, Mary Carmel	1955
Flaherty, Annie Josephine	1907	Macpherson, Margaret Webster	1957
Foale, Harold Robert	1925	Mallon, Alice Mary	1923
Francis, Bessie	1929	Manning, Hilda Mahala	1902
Francis, Violet Leone	1931	Marker, Lois Beatrice	1951
Freeman, Ivy Gwendolen McLeod	1937	Marrett, Hannah Olive	1926
Gallasch, David Russel	1966	Martín, Thelma Dorothy	1917
Gallasch, Wendy Anne	1918	Matters, Arnold Hatherleigh	1926
Gard, Harold John	1940	Mayfield, Vera Selina Gwendoline	1927
Gehling, Ronda Beryl	1954	Mead, Janet Carolyn	1959
Gersch, Paul Johannis	1922	Mears, Kathleen Devenish	1955
Geyer, Clem August	1949	Meegan, Alice	1922
Giles, Allan Leonard	1916	Meegan, Kathleen Mary	1917
Gill, Hilda Beatrice	1937	Merchant, David John	1952
Gillespie, Jean Katharin	1929	Mewkill, Paula Mary	1915
Glatz, Laurina Ruby	1924	Mills, Gene Louise	1950
Gmeiner, Clarice Haidee Beatrice	1909	Mitcham, Julian Hans, B.A.	1964
Goss, Lucy Vera	1937	Mitchell Elizabeth Anne	1956
Goyder, Patricia	1962	Morley, Evelyn Mabel	1925
Grange, Marilyn Lyle	1950	Morton, Mary Ruth	1931
Gray, Lorna Dorothy	1957	Murray, Joan	1954
Gray, Marylouise	1914	Marroway, Peter Kingsford	1951
Griffiths, George Townsend	1957	Naylor, Ruth Winnifred	1924
Griggs, Arden Michael	1929	Norman, Jean Margaret	1928
Groth, Fred	1924	Nurton, Judith Kay	1964
Grosser, Eileen May	1958	Oldham, Dorothy	1914
Gunning, Shelley Anne Stannus	1962	Paddon, Una Margery	1920
Gurner, Ruth Eleanor	1964	Paley, Clifford Arnold, B.A.	1941
Hackett-Jones, Rosemary Frances, B.A.	1947	Palmer, Ethel Rose	1918
Hakendorf, Carmel Mary	1940	Palmer, Judith Anne	1955
Haese, Beth Theodora	1948	Parham, Marlene Marie	1955
Hales, Malcolm Roy	1923	Parkinson, Charlotte Ethel Violet	1901
Hancock, Mary Frewin	1964	Pascoe, Philippa Mary	1947
Hannaford, Neville David	1902	Pearson, Kathleen Crawford	1923
Hantke, Ethel Hilda Hedwig	1960	Penalurick, Lola	1921
Hartmann, Sonia Annette	1943	Perkins, Horace James	1926
Harvey, Faith Fairbank	1962	Perkins, Marie Pauline	1948
Hearne, Janice Lesley	1958	Perry, Margaret Fay	1950
Heck, Judith Anne	1926	Phipps, Charlotte Lucy Barkwell	1905
Henry, Gladys Amy Thelma	1908	Pitcher, Alison Claire	1962
Hine, Clytie May	1908	Porter, James Lincoln	1957
Hoche, Edith	1964	Potter, Malcolm Frederick	1963
Hodge, Geraldine Janice	1917	Prince, Jean Florence	1921
Hogon, Eileen Margaret	1938	Prince, Muriel Marjory	1923
Holder, Alison Joyce	1919	Puddy, Betty Froome	1931
Holman, Frank Reginald	1948	Puddy, Maude Mary	1900
Holmes, Patricia Langley	1945	Pyne, Tryphena Grace	1918
Hooker, George	1936	Quick, Alison Rae	1960
Horgan, Lillian Veronica	1938	Reed, Rosemary	1964
Hounsell, Marjorie Nora Drew	1917	Reimann, Hilda Marie	1912
Howard, Winnifred Jean	1964	Reimann, Leta Edith	1932
Hunwick, Christine Mary	1926	Renou, Jean Lois	1923
Hurn, Mavis Lacey	1928	Riedel, Melita Wanda	1918
Hyde, Miriam Beatrice	1916	Roach, Mary Moyle	1910
Ingham, Myrtle Lavinia	1938	Roberts, Winifred Sophie	1911
Jacobs, Doreen Miriam	1912	Robinson, Mary Patricia	1935
James, Doris	1917	Rofe, Joyce Newton	1933
James, Vida Margretta	1964	Rose, Doreen Elaine	1964
Johnson, Julie Fay Lindsay	1919	Rowe, Deirdre Millstead	1963
Jones, Lewis La Vence	1904	Rowe, Elsie Maud	1919
Joyce, Kate	1961	Rowe, Florence Nellie	1914
Kartomi, Margaret Joy	1920	Rozelaar, Marie	1960
Keen, Lillian Guard	1928	Rudemann, Elsa Wilhelmine	1903
Kemp, Francis Joseph Edmund	1903	Sansom, Joyce Mary	1940
Kemp, Marion Kirkwood	1961	Sara, Lily Emmaline	1916
Kermode, Merrowyn May	1956	Sayers, Alice Mabel	1901
King, Margaret Jessica Esme	1924	Scammell, Ethelwyn	1910
Kinmont, Rosamond	1950	Schramm, Kathryn	1954
Klose, Patricia Mary	1966	Schwerdt, Madeleine Yvonne	1964
Knabe, Anne Norman	1938	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Kneehone, Joan Adelaide Cavell	1952	Shapley, Dorothy Alice	1939
Knowing, Gwenda	1910	Shephard, Beatrice Joan	1935
Kollosche, Samuel	1963	Shipway, Margaret Elizabeth	1953
Lakin, Angela Mary	1960	Short, John Thomas Gordon	1907
Lambert, Margaret Ann	1952	Sigs, Meredith Lillian	1961
Langford, Joan	1956	Simcock, Hilda May	1917
Lawton, Josephine Margaret	1926	Simpson, Anne	1965
Lee, Marjorie Freda	1926	Sinclair, Jean Lily	1924
Leonard, Mary Joselyn	1956		

Slee, John Stevens	1952	Vardon, Daisy	1914
Smith, David Aitchison	1960	Verco, Alison Martha	1950
Smith, Imelda Catherine	1930	Verco, Gladys Kathleen	1928
Smith, Margaret Joan	1950	Vick, Lloyd Winston	1937
Solomon, Betty	1930	Virgo, Jean Ysobell	1934
Spehr, Francesca	1901	Virgo, Violet Myra	1919
Spriggs, Harriet Rosetta	1919	Wall, Myrtle Trilby	1917
Stoneman, Doreen	1921	Wallmann, Beatrice May	1909
Stoneman, Olivia Charlotte	1930	Walsh, Lillian May	1926
Summers, Phyllis Harvey	1930	Warnecke, Mary Isabel	1954
Swincer, Patty	1948	Watts, Mollie Louisa	1930
Symon, Elizabeth Jean	1959	Webb, Irene Margaret Thomson	1926
Taylor, Gladys Leslie	1908	Wesley Smith, John Jeremy	1961
Taylor, Jean Rosabelle	1926	Whillas, Helen May	1901
Terry, Athalie May	1960	White, Elizabeth Alice	1953
Thomas, Sylvia Caroline Curtis	1921	Whittington, Clytie Myrtle	1917
Thrush, Annie Vera	1915	Whittington, Sylvia Muriel	1911
Tidemann, Ernest Phillips	1927	Wibberley, Brian	1908
Tobin, Ashleigh Hambridge, Mus.Bac.	1965	Wiebusch, Adele Maria Dorothea	1924
Tonkin, Phyllis Anna	1923	Williams, Hartley	1929
Tosolini, Palmira Rose	1951	Williams, John Alexander	1925
Treloar, Fay	1957	Williams, Mervyn Ewart Lancelot	1924
Treneroy, Thora	1944	Williamson, Arthur Burton	1908
Tuck, Joyce Edith	1940	Wollaston, Margaret Thirlmere	1941
Tuck, Vivien Margaret	1934	Wordie, Ada Winifred	1918
Tunks, Flora Marion	1931	Zeven, Aila	1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James	1904	Muir, Thomas Grieve	1904
Donnelly, Albert Laurence	1905	Robertson, John George	1906
Kleeman, Theodore Richard	1906	Russack, Friedrich Wilhelm	1907
McMichael, Clunie Brice	1904	Threadgold, Stanley Garfield	1907

ASSOCIATES IN COMMERCE

Abbott, John Raymond	1950	Baulderstone, Donald	1935
Abbott, Norman Frank	1930	Baxter, Donald Bruce	1950
Adams, Harry	1931	Bayly, Edward Benjamin	1910
Adams, Helen Jean	1929	Bayly, Ernest Edward	1924
Adams, John Clifford, B.Ec.	1949	Bayly, George Lancelot	1929
Adamson, Alfred Victor	1926	Bayly, Jack Harold Fellowes	1931
Adamson, Harold Stanley	1921	Bayly, William Lawes	1918
Addicoat, Bryan John	1947	Beaney, Henry Finlay	1928
Ahrens, Frank Leo	1945	Beauchamp, Shirley Frances	1949
Aitchison, Donald Leslie Judson	1939	Belcher, Milton Judson	1928
Alderman, John Robinson	1937	Belfer, Jacob	1944
Aldritt, Donald Thomas	1951	Bennie, John Smith	1938
Allen, Jack	1937	Berck, Lionel Neil	1945
Allingame, George William Davis	1935	Berriman, Alfred Andrew	1923
Andersen, Clifford Werlin	1927	Berry, Leslie Robjohns	1937
Anderson, John Donald	1948	Besley, Lillian Ray	1935
Anderson, Murray James	1955	Bice, Norman Percival	1950
Anderson, Reginald Hamp	1910	Bice, Roy George	1953
Angel, Norman Sidney	1930	Biddell, Douglas Gordon	1957
Angel, Ronald Frank	1930	Biddle, John Parr Harding	1925
Annels, Herbert Edward	1908	Biggs, James Marshall	1925
Annels, Robert Harvey	1939	Blackwell, Hazel Annie	1931
Arbon, Jack Fulton	1953	Blair, James Beaton	1925
Arndt, Max Raymond	1956	Blair, Ruth Margaret	1940
Arnold, Raymond Borman	1949	Blanch, Clement Edward	1949
Arthur, Maude Jessie	1934	Bleckley, Graham William	1952
Ashby, William Maxwell	1943	Bloomfield, Jack Lee	1939
Ashton, Alec James	1935	Boehm, Ernst Arthur	1945
Atkinson, Verdon Robert	1936	Born, Frank Ford Harker	1928
Austin, Brian Wilson	1954	Bowden, Harry Frederick	1934
Ayers, Margaret Jean	1937	Bowen, Arthur Geoffrey	1933
Bailey, Arthur Norris	1924	Bower, Richard David	1940
Bailey, Vanda Dorothy	1928	Bowes, Lindsay Burton	1947
Balchin, Irene May	1924	Bowler, Brian John	1954
Balchin, Leonard Jack	1935	Bowness, Alexander	1928
Baldock, Gordon Herbert	1948	Braddock, Dudley Warwick	1938
Bammann, Cuthbert Harvey	1938	Braddock, Lyall Arthur	1931
Bampton, John	1927	Brady, Thomas Francis	1921
Barclay, William John	1950	Bramwell, Horace Gordon	1932
Barlow, Cecil William	1939	Brandwood, Marie Earlston	1944
Barlow, Leslie Harris	1928	Branson, Colin William	1949
Barnes, Ronald David, B.Ec.	1948	Branson, Kenneth George	1947
Barrett, Jean Miriam	1930	Braunsthal, Norman Frank	1928
Barter, Francis Charles	1928	Bray, Alan Claude	1926
Barter, Jack Lampier	1930	Bray, Bruce	1940
Barton, Jessie Charlotte	1929	Bray, Clifford Samuel	1908
Basedow, Bernhard Frederick	1948	Brazel, Thomas John	1926
Bathgate, John Pender	1916	Brewer, John Burton	1947
Batt, Henry Richard Devon	1935	Brice, Alan Herbert	1938
Battye, George Harry	1924	Brice, Malcolm Hubert	1949
Battye, Ross	1920	Brigand, Lionel Cedric	1932

Briskham, Alexander George Herbert	1927	Day, Ian Mostyn	1956
Brock, Noel Howard	1922	Day, LaVerne Frank (surrendered 1963)	1955
Brooks, Leonard William	1956	Deane, Allan Nicholson	1939
Brooks, Sidney Rundle	1933	Deer, Eynon John Cullimore	1954
Brown, Leonard Sawtell	1926	Denton, Samuel Bowcher	1928
Brown, Thomas Roderick	1923	Dermott, Alice May	1932
Browne, Clifford Harding	1923	Dermott, John Edwin	1921
Buckett, Claude Ernest	1940	Dewar, Peter Ferguson	1951
Buckley, William Clarence	1929	Dickson, Ronald Archibald	1952
Bulbeck, Philip Denis	1929	Dobson, Alfred James	1909
Burgess, Ellis Howard	1939	Dodd, Robert Hedley, B.A.	1947
Buring, Eleanor Bette	1937	Donaldson, John Monfries	1941
Burley, Arnold Robert	1939	Donnell, Leslie John	1939
Burns, George Eric	1927	Dowie, Jean Phillis	1935
Burr, Frederick Samuel	1923	Dowling, Crosby James	1951
Butler, Tom	1939	Downs, Claude Edmund	1932
Calder, William Cormack	1913	Downs, Donald Archibald	1938
Caldwell, Hilda Valmai	1928	Drabsch, Leo John	1948
Callaway, William Frank	1931	Duffield, Gordon Llewellyn	1936
Cameron, Elizabeth Mary	1938	Duldig, Milton Edwin	1939
Cameron, Roy James	1945	Duncan, John Bayfield	1953
Campbell, Harold Duncan	1925	Dunn, Raymond Keith	1950
Cane, Jack	1938	Dynon, William Ralph	1951
Cant, Leonard George	1917	Easson, Leonard John	1932
Cant, Rex Birdsey	1931	Eddy, John Edwin	1934
Carey, Gerald David	1951	Edson, Eileen Mavis	1930
Carter, Alan Keith	1953	Edwards, Alfred John	1933
Carter, David Burleigh	1950	Edwards, Colin Arthur	1930
Carter, Elijah	1952	Edwards, Edgar Morton	1941
Caut, Leslie George William	1921	Edwards, Ernest Albert	1937
Cavender, Frederick Richard	1940	Edwards, Stanley Herbert	1941
Chambers, John Harold	1926	Effick, Henry Birrell	1924
Chappie, Keith Fletcher	1934	Elliott, Melva Gwendoline Vivian	1931
Charles, Amanda Jofire	1937	Ellis, Fred Leon	1939
Charlick, Derek Herbert	1939	Ellis, Kevin Clifford Keith	1934
Chester, Glen Drummond	1938	Emery, Garth Charles	1941
Chettle, Walter Richard	1927	Eriksen, Theodore Henry	1953
Chinner, Alan George	1922	Errington, Edna Jean	1931
Christison, Margaret Jean	1940	Evans, Horace Clement	1938
Clark, Phyllis Mary	1939	Evans, Ronald Dennis	1949
Clarke, Geoffrey Thomas	1923	Evens, Alan Grant	1952
Clarke, John Harding	1953	Ewens, Leonard Thomas	1930
Cobiac, Gerald Patrick	1949	Ewers, William David, B.A.	1948
Cole, Geoffrey Leonard	1950	Ewing, William John Murchie	1952
Collett, Keith Lancelot	1953	Fahey, George Ambrose	1923
Collison, Keith Tidmarsh	1941	Farquhar, Donald Reginald	1929
Colliver, Eustace James	1928	Farrell, Edward William	1949
Combe, Bernard Milo	1948	Faull, Kevin Barton Woodfield	1950
Compton, Joyce Oliver	1945	Favilla, Domenico Raffaello	1939
Connelly, Joseph Kevin	1938	Fewell, Stanley William	1934
Connelly, William Francis	1947	Filsell, Geoffrey Holbrook	1942
Cook, Bruce Filmer	1955	Firth, Jack Lender	1937
Coombe, Albert	1927	Fisher, David le Sauvage	1948
Cooper, Ashley Anthony Richard	1955	Fisher, Harold Henry	1932
Cote, Robert Glen	1908	Fitzgerald, Teresa Catherine	1931
Cotton, Robert Harold	1937	Fleming, Ralph Harry	1939
Cottrell, Francis Allan	1920	Fleming, Robert Colin	1933
Cottrell, John Ledsam	1937	Flew, John William	1950
Coulthard, Clyde Ronald	1930	Fogarty, Stanley Patrick Joseph	1950
Coward, Ivan Fernley	1930	Forbes, Colin Malcolm	1952
Coward, Robert Malcolm	1939	Forbes, Wilfred Roy	1934
Cowell, Davis Francis	1932	Forrest, Peter Cameron	1949
Cox, Charles Wylde	1928	Foster, Lily Dorothy	1935
Cox, Cyril Hewitt	1924	Foxworthy, John Henry	1923
Craig, Ida Vera	1927	Francis, Ainslie DeLacy	1921
Crane, Greta Ruby	1919	Francis, Stanley Charles	1924
Creswell, John	1964	Frayne, Jack Edmonston	1935
Cruickshank, Alan James	1949	Fricker, Lourdes Victoria	1948
Crump, Hedley Lawrence	1949	Fricker, Ronald Frank	1957
Curtis, Lawrance Gordon	1952	Fritsch, Viola Phoebe	1951
Dahlenburg, Hurtle Henry	1953	Frost, Ernest Martin	1949
Dahlenberg, Robert Louis	1928	Fry, Arthur Henry Percival	1910
Daley, Vyvyan Lancelot	1923	Furze, Noel Edgar	1927
Dalton, Victor Ernest	1921	Gale, Frederick Julius	1910
Daniel, Claude Alfred Vaughan	1936	Garrett, Eric Mostyn	1934
Daulby, Herbert Stanley	1953	Garrod, Philip Jesse	1938
Davey, John Vernon	1950	Gemmell, Alex Stuart	1936
Davey, Richard Howard	1924	Gibb, Ernest Ullathorne	1939
Davidson, Cuthbert Hewett	1936	Gibson, Eric Ambrose	1925
Davis, Agnes Mary	1951	Giddings, Ian Valentine	1951
Davis, Brian, B.E.C.	1938	Giles, Kenneth Livingstone	1924
Davis, Bruce Frederick	1933	Giles, Stephen Alan Butler	1927
Davis, James Lenton	1933	Gill, Thomas Ferrusson	1935
Davis, Noel Hewitson	1923	Gimman, David Charles	1947
Davis, Rosalie Olive	1956	Glastonbury, Oliver Albert Isaac	1929
Daw, Arthur Baden Secombe	1930	Glenn, Ross William	1952
Dawbarn, Richard Bunbury	1939	Glenn, Reginald Dan	1957
Dawkins, Harry Blinman	1926	Gloyne, Neil James	1937
Dawson, David Lancelot	1936	Gluyas, Israel	1921
Day, Colin Maxwell	1935	Golovsky, Israel	1941
Day, Frank Vernon	1935	Gordon, Colin Herbert	1941
		Gordon, Douglas Maitland	1938

Gosden, Robert Byron	1949	Jennings, George	1952
Gramp, Sidney Douglas	1941	Jessup, George Aubrey	1927
Grant, Kenneth Jack	1929	John, Brian	1953
Grant, Wallace Dale	1955	Johns, Darby Richard	1953
Gray, Gilbert William	1923	Johnson, Douglas Oswald	1949
Green, Lawrence Goodwin	1928	Johnson, George Ronald	1939
*Greenham, Alfred Howard	1923	Johnson, Harry Witter	1932
Greig, William Ronald	1923	Johnston, Noel Stuart	1950
Grimwade, Erica Fielding	1955	Johnston, Verner	1949
Gubbins, Geoffrey Garfield	1953	Jones, Albert Stewart	1954
Haddad, Victor	1938	Jones, Brian Lewis, B.E.	1956
Hamilton, Frank Douglas	1940	Jones, Elizabeth May	1926
Hammann, Arthur Edwin	1927	Jones, Joyce Gertrude	1944
Hand, Allan	1934	Jones, William Henry	1952
Hand, Milton John	1948	Joyce, Alan Francis	1941
Hanley, Alice	1939	Judd, Percival Richard Henry	1926
Hann, Maxwell Keith	1938	Kelly, Brian Patrick	1949
Hannan, Edward Graham	1947	Kelly, Hartleigh	1933
Hannon, James	1952	Kelly, Isobelle	1927
Harlow, James Keith	1941	Kelsey, Jack	1932
Harnden, Jack	1952	Kenihan, John Dudley	1933
Harnett, William Edwin	1948	Kennedy, Mervyn George	1932
Harper, Ronald George	1935	Kerr, Trevor Grant	1954
Harrell, Max Ambrose	1952	Kesting, Ernest Arthur	1930
Harris, Frank Randall	1949	Kilgariff, Aloysius Kevin	1951
Harris, Norman Alexander	1934	King, John Bugler	1937
Harris, Robert Oxenberry	1951	King, Norman Reginald	1949
Harris, Ronald Firth	1939	Kinnish, Florence Maud	1920
Harris, Russell Hope	1912	Kirkman, David	1908
Harrison, William Frank	1903	Klisch, Josafat Marejan	1956
Harvey, Keith William	1952	Knight, Bernard Murray	1938
Harwood, Ralph Felix	1952	Knox, Rex	1949
Haslam, Alan Francis	1935	Koch, Othal Ludwig	1937
Hastwell, Robert Duncan	1950	Kumnick, Donald Kerr	1933
Hawkins, Alfred Raymond	1947	Lahiff, Arthur Stanley	1951
Haydon, Colin Maurice	1951	Lambert, Anthony Wilson	1945
Haynes, Stanley Gordon	1953	Lang, James Thomas	1937
Hearfield, Walter George	1930	Langecake, William Charles	1940
Healy, Francis Robert	1937	Langsford, Leonard Graham	1948
Heimemann, John Bryce	1948	Laphorne, Cecil Lindsay John	1948
Heitmann, Colin Richard	1950	Laughton, Robert Bruce	1942
Hendry, Campbell Alexander	1914	Moyle, John Ewart	1917
Hewett, Robert Alfred	1955	Muecke, Carl Wilhelm Ludwig	1908
Hiatt, Jack Thomas	1935	Mullen, Brian Anthony	1930
Hiddle, Eugene Hayes	1953	Mullin, Mary Margaret	1925
Hieser, Ronald Oswald	1943	Mullins, Francis Patrick	1926
Higginbottom, Edwin John, B.Ec.	1955	Munro, Elizabeth Margaret	1930
Higgins, Harry Cootie	1920	Murray, Donald	1930
Hill, Edward Ralph	1957	Murphy, Ronald George	1936
Hill, Patricia Fender	1949	Mutton, Henry Edwin Howard, M.A.	1926
Hill, William Charles	1933	Nairn, Donald Maxwell	1936
Hill, William Ross	1941	Naulty, Reginald	1937
Hilton, Kingsley Winlo	1930	Nave, John Lionel	1929
Hirst, Ronald Robert	1935	Needham, George Francis Jack	1911
Hoad, Sidney Arnold	1943	Nettle, Kenneth Ralph	1948
Hogben, Alfred Richard	1909	Neuenkirchen, Hermann Adolph Heinrich	1912
Hogben, Horace Cox	1915	Newbold, Murray Charles Lewis	1949
Holland, John Neville	1955	Newman, Kenneth Fisher	1928
Holmes, George Matheson	1955	Nicol, Beryl Elvira	1943
Holt, William George	1924	Oakley, Lyle Beresford	1949
Holtan, Dora May	1924	O'Brien, Paul Dominic	1937
Homes, Alma Ivy Penelope	1927	O'Dea, John Leonard	1950
Hooper, Mervyn Perry	1926	Odgers, Charles Edwin	1955
Hooper, Ronald Ley	1937	O'Donnell, James Richard	1941
Horrocks, Charles Edgeworth	1925	O'Flaherty, Michael Sidney	1948
Hosking, Kathleen Valerie	1953	O'Flaherty, Reginald Kitchener	1937
Hourigan, Lloyd David, B.Ec.	1952	O'Flaherty, William Edward	1951
Howard, Cornelius James	1949	O'Grady, Michael James Anthony	1950
Howard, Leonard Marie	1949	O'Grady, Oswald James	1923
Howard, Paul Francis	1949	Oliphant, Nigel Besant	1933
Howie, Douglas Cullen	1937	Oliver, Edward Bruce	1935
Howie, George Percival	1916	Oliver, Raymond Charles	1933
Howland, Arthur Stilville	1934	Ophel, Ralph Burnell	1933
Hunwick, Ernest Frederick William	1924	Ormond, Colin William	1943
Hunwick, Leonard William, LL.B.	1939	Oshorne, Dennis James	1956
Isaachsen, Eric Eduard	1936	O'Shaughnessy, Ronald	1957
Isaachsen, Oscar Cedric, LL.B.	1937	Othams, Douglas Geoffrey	1954
Isbell, William Foulkes	1952	Padget, Dora Jane	1928
Jackson, Harold Ernest	1939	Paech, Richard Leonard	1947
Jackson, Leslie Colin	1941	Painter, Edward Websdale	1920
James, Charles Kingsley	1918	Palmer, Bruce Cole	1938
Jamieson, Neil Livermore	1927	Paltridge, Angus Lindsay	1950
Jaunay, Donald Robert	1949	Pannell, James Ridgway	1955
Jeffery, Charles Frederick	1938	Parham, Geoffrey William	1954
Jeffery, George Henry	1933	Park, Gilbert Maxwell	1923
Jeffery, Roy Gordon	1940	Parker, Murray Friend	1956
Jeffress, Leslie Charles	1928	Parkinson, John Haslam	1934
Jenkinson, Keith Travers	1938	Parr, Harry Sidney	1916
Jenner, Arnold Miller	1929	Parr, Stanley Robert	1949

* Deceased

Pascoe, Douglas Everett	1927	Marchant, Vernon Harold	1929
Pascoe, Ronald Francis	1936	Marrett, Lorna Liggett	1922
Patterson, Isabel Maude Holmes	1945	Marsden, Bruce Cecil	1951
Patterson, Robert Banks	1936	Marshall, Alma Kathleen	1921
Payne, Randolph Douglas	1948	Martin, Colin Walter	1925
Pearce, Francis James	1952	Martin, Eric Joan	1923
Peart, Kathleen Grace	1947	Masters, Reginald Keith	1938
Pederick, Hubert Oswald	1929	Mathews, Hugh Charles	1951
Penglase, Ronald Clyde	1954	Mathews, Reginald William	1928
Pentelow, Edith May	1929	Mathews, Leonard George	1934
Perriam, Clifford Allan	1937	Maunder, Leonard Edward James	1926
Perriam, Eric Charles	1939	Mead, John William, B.Ec.	1953
Peterson, Ronald John	1937	Meaney, Thomas Francis	1948
Phelps, Winifred Annie	1925	Mehrtens, Bronte	1950
Philcox, Claude Joseph Owen	1923	Mengerson, Norman Victor	1919
Pike, Vernon Horace Charles	1937	Menkins, Frank Hermann	1908
Pitchee, Ronald Samuel	1923	Merchant, Eric George	1948
Pledge, Martha Phoebe	1930	Messent, Albert Edward	1908
Polden, Donald Watkins	1956	Messent, Frank Ashby	1927
Pollnitz, Percy Frederick	1935	Middleton, Clement Roy	1951
Ponder, Gilbert Walter Graham	1914	Miller, Colin James	1957
Potter, Donald Roy	1937	Miller, Gavin Robert	1918
Potter, Frank Jacques	1942	Miller, Lyle Clark	1947
Potter, Wilfred Tom	1951	Mills, Edward Whitfield	1915
Pounsett, John Lenton	1949	Mills, Robert Neil	1951
Preskett, Malcolm	1957	Minson, Charles Stanley	1930
Price, Henry Ernest	1930	Mitchell, Brian John	1955
Prior, Olive Cora	1933	Mitchell, Bruce	1919
Prosser, Ian Neville	1955	Mitchell, John Turnbull	1938
Proud, Katherine Lily	1910	Mitchell, Lurline Vaughan	1933
Prystawski, Omelan	1955	Mitchell, Shirley Eileen	1944
Pulford, Vivian George	1948	Mobsby, Edward Tompson	1940
Puttman, Robert Marsh	1954	Moncrieff, Joan Lorimer	1925
Raffelt, Helene	1925	Moore, Walter Harry	1935
Ramsey, Alfred Maxwell	1941	Moore, Warwick Grey	1935
Ransom, William Robert George	1932	Morcom, Kenneth Douglas	1940
Raphael, Alan Ralph	1956	Morphett, Michael Louis	1957
Raymond, Reginald Norman	1935	Mortess, Eric James	1925
Read, Angus Robert	1929	Mould, Francis Edmund	1927
Read, Howard Llewellyn	1926	Mount, Michael Jaunay	1951
Redman, Jessie Adelaide	1929	Moyes, Cecil Clarence	1918
Reed, Frank Basil	1939	Moyes, Charles Robert	1913
Laver, Robert William	1940	Tassie, Eric Harry	1917
Lenton, Leslie	1916	Taylor, Deane Brownfield	1938
Letcher, William John	1934	Taylor, James Scott	1933
Lever, Cecil Harry	1939	Taylor, Raymont Fyfe	1947
Levett, Geoffrey Frederick	1950	Taylor, Ronald	1952
Lewis, Clarence George	1924	Taylor, Walter Henry	1935
Lewis, Rex Ernest	1930	Temme, Bernhard Robert	1931
Lillywhite, Bessie	1925	Thamm, Louis George	1933
Lindner, Walter Alfred	1955	Thomas, Bruce Ian	1938
Lloyd, Harold Trent	1926	Thomas, Harold Clarke	1908
Loan, William Clarence	1923	Thomas, Jack	1928
Lodge, Maurice Arnold	1929	Thompson, Frederick Aubrey Jones	1929
Loneragan, Eric Norman	1949	Thompson, Jack	1949
Loneragan, Leo Desmond	1957	Thompson, Terence Dudley	1949
Longmire, Frank Albert	1940	Thredgold, Lorna Wynnie	1944
Lorimer, Robert William	1922	Thurston, Frank Harris	1923
Loughrey, Arthur Bernard	1941	Thyer, Walter Vernon	1921
Love, Ronald Edward Beaumont	1934	Tilbrook, Kevin Townsend	1949
Lowe, Kenneth Maurice	1939	Tillett, Arthur Colin	1930
Lucas, Francis James	1953	Todd, Beryl Nance	1940
Lucas, Ralph Mervyn	1952	Topperwein, Jessie Jeanette	1925
Luxmore, John Alexander	1931	Travers, Edward Ambrose	1923
Lyon, Colin Grant	1929	Treleaven, Ross	1950
Lyon, James Cobbett	1925	Treloar, Ronald William	1949
McAnaney, William Patrick	1931	Trigg, Frank Elliot	1926
McAulay, John Albert Galster	1922	Trimmer, Noel Donovan	1950
McAuliffe, Lionel Frank	1934	Tucker, Colin Pryor	1950
McCarron, Philip Bernard Alphonsus	1925	Tuckwell, Kenelm Sinclair	1925
McCarthy, John Anthony	1930	Turnbull, George Alexander	1930
McDonald, Dorothy Patricia	1935	Turner, Arthur Frederick	1932
McEgan, Ernest William	1923	Turner, Jack	1925
McFarlane, Maude Evans	1928	Turner, Mervyn Richard	1938
McFarlane, Malcolm Ross	1952	Turner, Percy	1913
McGarry, Donald Martin	1936	Turner, Raymond Stanmore	1930
McKee, Geoffrey Nolan	1935	Twiss, William Wilmott	1935
McKee, George Angus	1927	Underhill, Joseph Douglas	1950
McKee, William Albert Kenneth	1926	Valentine, Thomas George	1950
McKenzie, Allan John	1933	Vawser, Leeson William	1920
McLachlan, John Kingsborough	1954	Vawser, Frank Derwent	1925
McLenn, Allan William	1921	Vawser, Noel Keith	1941
McLeod, Ian Frederick Angus	1956	Verco, Wilfred Douglas	1940
McShane, Reginald Edward	1951	Vincent, Harry	1932
Mack, Arthur William	1925	Vincent, Mary	1935
Mack, Jack Hamilton	1953	Viney, Lawrence George	1940
Macklin, Bruce Roy	1939	Virgo, Ronald Gilmour	1937
Maegrath, Paul Reginald	1952	Wagstaff, Ronald	1937
Mahoney, John Joseph	1927	Wahlqvist, Hugo Carl	1923
Malcolm, Kathleen	1933	Walsh, Geoffrey Roberts	1937

Waldeck, Reginald David Chapple	1933	Sando, Gordon Victor	1929
Walkington, Newton Gilbert	1934	Sarre, James Ayrton	1938
Walkley, John Daniel Clifford	1957	Sawade, Ronald Frederick	1954
Wallage, John Douglas	1955	Scanlan, Ronald Frederick	1951
Walsh, Paul	1941	Schedlich, Bryan Linn	1951
Walter, Hugh Garthwaite Ephraim	1938	Schirmer, Gerhart Percy	1942
Wardman, Charles Howard	1941	Schneider, Wilfred, B.E.	1932
Wauchope, James George Neilson	1911	Schumacher, Bert Edward Bernard	1933
Webb, George Carlile	1938	Seaman, Gilbert Frederick	1935
Werfel, Mavis Jean	1948	Searcy, John Dudley	1934
West, Kenneth Charles	1951	Seddon, Gordon David LeMessurier	1939
Wheeler, Horace Roseby	1911	Sellars, Norman Lionel	1923
Whelan, Patrick John	1937	Selth, Maurice Burfitt	1938
White, Godfrey Alfred	1947	Shaw, Ian William	1955
White, Jack Walter Robert	1950	Shepherd, Rupert Lloyd	1927
White, Wilfred Allan	1940	Sheppard, Bernard Aubrey	1910
Whitridge, Gladstone Keith	1920	Sheppard, John Tyndall	1928
Whittenbury, Vernon Frank	1949	Shier, Marjorie Dufty	1939
Whittle, Ralph Keith Linhome Cresdee	1952	Shuttleworth, Robert Thomas	1926
Whitwell, Bruce Dowland	1934	Simmons, Donald William	1939
Wickes, Donald William	1937	Simmons, Peter James	1950
Wildy, Mervyn Arthur George	1950	Simpson, Alfred Moxon, B.Sc.	1949
Wilkie, Alan John	1957	Simpson, John Favilla	1948
Wilkins, Ada Dorothy Marion	1927	Sinclair, Jack	1955
Williams, Albert Bruce Wauchope	1925	Slade, James Henry Gray	1938
Williams, Edward George	1934	Slape, Marcus Frank	1937
Williams, Eric Spencer	1922	Smith, Charles Alfred	1910
Williams, Gilbert Raymond	1953	Smith, Clarice Margaret	1929
Williams, John Carter	1917	Smith, Dawn	1949
Williams, Kenneth Douglas	1951	Smith, Eileen Milton	1930
Williams, Norman Lindsay	1951	Smith, Henry Morris	1928
Williams, Ronald Bannister	1937	Smith, Isaac Francis	1923
Williams, Zena Vera	1926	Smith, Kenneth Brian Innes	1949
Williamson, Harold Edgar	1926	Smith, Leslie Hamilton	1953
Wilson, Aileen Elsie	1952	Smith, Margaret Shea	1950
Wilson, William Norman	1950	Soar, Dudley Turner, B.Ec.	1953
Wilton, James Hardy	1954	Soar, Harold Arnold	1953
Winch, Ronald Thomas	1954	Solly, Hubert Ambrose	1913
Winter, Claude Howard Stanley	1914	Soper, Graham Michael	1954
Wood, Alfred Evelyn	1909	Sorell, Donald George	1945
Wood, Maurice Garnet	1938	Spence, Lionel Dudley	1948
Reilly, Lawrence Joseph	1948	Spitz, Francis	1954
Reynolds, Ernest Joseph Walter	1925	Stalley, Douglas John, M.Ec.	1952
Rhodes, Ronald Sydney	1927	Stanford, Walter Henry	1927
Richards, Kenwyn Howard	1937	Stapleton, Thomas Leslie	1943
Richardson, Jack Avon	1928	Starling, Clifford Joseph	1947
Riches, Robert Wilfred	1932	Steele, Robert Moore	1908
Ridgway, Frank Reginald	1938	Stefanskyj, Zenon	1956
Riebe, Erwin John	1929	Stephenson, Ezra	1928
Riley, Oly Beata	1931	Stephenson, John	1924
Ringwood, Robert Ainslie	1939	Stock, Adrian Aston	1941
Rippin, John William	1949	Stoner, Ross Arthur	1953
Roberts, James Andrew	1935	Strange, Ronald Glen	1955
Roberts, Kenneth James	1949	Stuart, Arthur Donald	1926
Roberts, Ronald Theodore	1953	Sulan, Charles	1952
Robertson, George Oliver	1908	Summers, David Charles	1937
Roennfeldt, John William	1937	Sunter, John Scott	1936
Rooney, John Francis	1928	Swan, John Gordon	1948
Rose, Vivian Clement	1933	Swanson, Alexander	1929
Rowe, George Eddy	1951	Swanson, James Baikie	1948
Rungie, Maxton Keith	1934	Sweeney, James	1935
Rush, Douglas Bartlett	1949	Talbot, John Saxton	1940
Rush, Herbert Stanley	1934	Woolcock, Alan Burnett	1939
Russack, Frederick William, jun.	1927	Woolcock, Royal Johnston	1928
Ryan, William John	1927	Wright, Dorothy Maud	1929
Safra, Benjamin Louis	1950	Wright, Robert Samuel	1941
Sallis, Brian Leonard	1955	Wyett, Ernest Stanley	1931
Sambell, Frederick James	1919	Young, Norman Smith	1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Coombe, Albert	1932
Aistrop, Donald William Anderson	1959	Coombe, Samuel	1936
Anthony, Ernest	1950	Coonan, Edward Raymond	1949
Ashenden, Herbert John	1957	Cottrell, Francis Allan	1934
Belchamber, Kenneth Charles (surrendered 1963)	1959	Craker, Arthur Ernest	1932
Belcher, Milton Judson	1937	Dale, Richard Charles Moritz	1940
Berger, Felix	1965	Daniel, Claude Alfred Vaughan	1935
Brooks, Sidney Rundle	1938	Davis, Brian	1952
Burton, Roy Victor	1937	Davis, Robert Keith	1958
Carey, Edward John	1936	Deane, Allan Nicholson	1936
Casson, Stirling Ernest	1965	Deane, Robert Glenn	1964
Cattermole, Allan Jefferson	1963	Dodd, Aubrey Francis Rule	1948
Cavalier, Elizabeth Mary	1943	Doecke, Heinrich Albert	1931
Clark, James	1938	Doig, Malcolm Robert	1955
Collett, Kenneth James	1953	Donaldson, John Monfries	1936
Combe, Bernard Milo	1937	Doyle, Leo James, LL.B.	1951
Cook, Gordon James, B.Ec.	1948	Dunstan, Jack Cannon	1952
		Gartrell, Frank Prisk	1956

HOLDERS OF THE DIPLOMA IN EDUCATION

Gilbert, Ronald Victor	- - - - -	1966	Ormond, Colin William	- - - - -	1949
Good, Richard John, B.E.	- - - - -	1959	Pollnitz, Percy Frederick	- - - - -	1938
Corby, Thomas Warren	- - - - -	1955	Pope, Hugh Gilmore	- - - - -	1932
Gordon, Coleman Guildford	- - - - -	1939	Pretty, Walter Arthur	- - - - -	1948
Greet, Norman Stanley	- - - - -	1958	Priest, Alan Hewett	- - - - -	1937
Griffin, Ray Edwin	- - - - -	1953	Reseigh, Claude Edgar	- - - - -	1934
Hammond, Raymond Charles	- - - - -	1951	Roberts, John William	- - - - -	1953
Headland, Brian Cobrey	- - - - -	1956	Robinson, David Floyd	- - - - -	1935
Hewett, Alexander Macdonald	- - - - -	1938	Russell, Andrew Earl Lindsay	- - - - -	1951
Hoffmann, Allan John	- - - - -	1966	Ryan, Charles Landers	- - - - -	1941
Holland, John Neville	- - - - -	1960	Sando, Maurice Hughes	- - - - -	1934
Holland, Robin Laurence	- - - - -	1960	Schlenk, Conrad John	- - - - -	1958
Honey, Henry Beric	- - - - -	1958	Segmit, Alick	- - - - -	1957
Hutchinson, Hugh Morgan	- - - - -	1940	Simmons, Donald William, B.Ec.	- - - - -	1950
Hutton, Malcolm Austin	- - - - -	1960	Slade, James Henry Gray	- - - - -	1932
Inglis, Gilbert Gerald	- - - - -	1958	Smith, Harold Reid, LL.B.	- - - - -	1949
Inns, Graham Jack	- - - - -	1965	Tauber, Kenneth Charles	- - - - -	1958
Jackson, Harold Ernest	- - - - -	1935	Temme, Bernhard Robert	- - - - -	1933
James, Henry John	- - - - -	1955	Thomas, William Henry Oswald	- - - - -	1947
Jeffery, Charles Frederick	- - - - -	1934	Thompson, Brian Philip	- - - - -	1962
Johnson, Maxwell Colin	- - - - -	1953	Tillett, Arthur Colin	- - - - -	1950
Kay, Harold Edwin	- - - - -	1938	Trumble, Hugh Peter Christian, B.Ag.Sc.	- - - - -	1962
Koukoulas, Anthony George	- - - - -	1965	Turner, Brian Scott	- - - - -	1958
Laver, Robert William	- - - - -	1952	Voyzey, William (surrendered 1959)	- - - - -	1952
Lawton, Richard William	- - - - -	1961	Voyzey, William, B.A.	- - - - -	1963
Lee, Frank Botham	- - - - -	1937	Walker, Colin Alexander Dunstan	- - - - -	1948
Lokan, Albert Henry	- - - - -	1939	Wellington, Murray Morley	- - - - -	1949
Mattingley, Maxwell Albert Percy	- - - - -	1945	West, Kenneth Charles	- - - - -	1949
Menear, Ira, B.A.	- - - - -	1953	Wharldall, Lancelot Arthur	- - - - -	1953
Messent, Esther Mary, B.A.	- - - - -	1936	Whitford, Alfred Eugene	- - - - -	1941
Millard, Clifford James	- - - - -	1933	Wight, Robert James	- - - - -	1938
Mitchell, William Robert, B.E.	- - - - -	1956	Williams, David John	- - - - -	1956
Naylon, Augustin James	- - - - -	1934	Wilsdon, Kendrick Frank Jefferies	- - - - -	1958

DIPLOMA IN MINING ENGINEERING AND METALLURGY AND FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES

Awarded from 1901 till 1912. For list of awards see Calendars up till 1942.

DIPLOMAS IN APPLIED SCIENCE

Awarded from 1913 till 1941. For list of awards see Calendars up till 1942.

DIPLOMA IN FORESTRY

Pinches, Alfred Leslie	- - - - -	1914	Schedlich, Alfred Karl	- - - - -	1914
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DIPLOMA IN COMPUTING SCIENCE

Schoff, Richard Frederick, B.App.Sc.	- -	1966
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DIPLOMA IN EDUCATION

Adams, James Harold, B.A.	- - - - -	1965	Bartholomaeus, Edmund Stanley, B.A.	- - - - -	1931
Aitken, Ellen Raelene, B.Sc.	- - - - -	1965	Bartleet, Nancy Irene, B.A.	- - - - -	1950
Alcock, Dudley Horald, B.A.	- - - - -	1944	Barton, Alan Reginald, B.Sc.	- - - - -	1965
Allen, John Bernard, B.A.	- - - - -	1942	Batchelor, Flossie Elizabeth Reine, B.A.	- - - - -	1922
Allen, Leonard Nicholls, M.A.	- - - - -	1939	Bauer, Noel Westley, B.Sc.	- - - - -	1966
Altmann, Olive Stella, B.A.	- - - - -	1951	Baum, Murray Richard, B.A.	- - - - -	1957
Altus, Rudolph Herman, M.A. (Melb.)	- - - - -	1950	Bawden, Albert Victor, B.A.	- - - - -	1942
Anders, Douglas John, B.Sc.	- - - - -	1947	Bawden, Maxwell John, A.U.A. (Arts and Education)	- - - - -	1966
Anderson, Alex Gordon, B.Sc.	- - - - -	1956	Bayly, Elizabeth Jean, B.A.	- - - - -	1962
Anderson, Aubrey James Clifton, B.A.	- - - - -	1948	Beare, Hedley, B.A.	- - - - -	1956
Anderson, Barry Charles, B.Sc.	- - - - -	1964	Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.)	- - - - -	1962
Anderson, Graham Lancelot George, B.Sc.	- - - - -	1964	Beaumont, Olive Sowter, B.A.	- - - - -	1943
Arbery, James Herbert, B.A.	- - - - -	1961	Beauchamp, Geoffrey Peter, B.Sc.	- - - - -	1966
Arcus, Wesley John, B.A.	- - - - -	1958	Becker, Roy Colin	- - - - -	1965
Argyle, Margaret, B.A.	- - - - -	1957	Beckwith, Shirley Katie, B.A.	- - - - -	1948
Arnold, Richard Walker, B.Sc.	- - - - -	1966	Bennett, Annie Stevens, B.A.	- - - - -	1924
Ashenden, Dean John, B.A.	- - - - -	1966	Bennett, Charles Gordon, B.A.	- - - - -	1934
Ashenden, Leslie Edward, B.A.	- - - - -	1952	Bennett, Thomas Southall, B.A.	- - - - -	1940
Ashton, Harry Tamblin, B.Sc.	- - - - -	1960	Bennetts, William Rawling, B.Sc. (Western Australia)	- - - - -	1956
Asiah, binti Ariffin, B.Sc.	- - - - -	1965	Bentley, Barbara Claire, B.A.	- - - - -	1965
Aston, Morrell Kenneth, B.A., B.Sc.	- - - - -	1952	Bentley, William James, B.A.	- - - - -	1949
Atherton, Brent, B.Sc.	- - - - -	1965	Berry, Frances Winifred, M.A.	- - - - -	1924
Atwell, Leslie George Danks, B.A.	- - - - -	1941	Berry, Leslie Thomas McCloud, B.Sc.	- - - - -	1966
Aubert, Graham James, B.A. (New England)	- - - - -	1963	Bested, Gordon John, B.A.	- - - - -	1945
Baddams, Violet Thenie, B.A.	- - - - -	1940	Bettison, Margaret Selina, B.A.	- - - - -	1952
Bails, Dennis Graham	- - - - -	1966	Bettison, Suzanne, B.A.	- - - - -	1968
Baker, Reginald John, B.A.	- - - - -	1965	Beven, Annette Thelma	- - - - -	1968
Bald, William Charles, B.A.	- - - - -	1962	Beven, Raymond Harold, B.Sc.	- - - - -	1964
Barber, Howard Frank, B.A.	- - - - -	1943	Biddle, Enid Barbara, B.A.	- - - - -	1949
Barner, Frederick Lynne, B.Sc.	- - - - -	1944	Biele, Keith William, B.Ec.	- - - - -	1953
Barr, Trevor Frank	- - - - -	1966			
Barrett, William Vernon, B.A.	- - - - -	1951			

Bieske, Elaine Alison, B.Sc., A.U.A. (Arts and Educn.)	1964
Bilney, Neil Joseph, B.A.	1947
Bird, Peter Allan, B.A.	1966
Blackburn, Jean Edna, B.A. (Melbourne)	1965
Blacket, Margaret Edith Wilmot, B.A.	1965
Blackwell, Philip Walter, B.Sc.	1965
Blesing, Rae Flora, B.A.	1961
Boehm, Walter Gotthilf, B.A.	1955
Boettcher, Helmut, Dipl.Hd.C. (Cologne)	1965
Bolt, Janet, B.A.	1964
Bone, Maxwell Harold, B.A.	1939
Bonner, Helen Marjorie, B.A.	1965
Boomer, Robert Garth, B.A.	1965
Boord, Frederick Hughes, B.A.	1957
Borchardt, Mary Pauline, B.A.	1963
Bormann, Malcolm Carl, A.U.A. (Arts and Education)	1966
Boroky, Betty Margaret, B.A.	1959
Both, Roger James, B.Sc.	1966
Boundy, William Stevenson, B.Sc.	1958
Bourke, Denis Francis, M.A. (Sydney)	1959
Bourke, Elma Marie, B.A.	1941
Bradley, Denise Irene, B.A. (Sydney)	1965
Braham, Henry Arnold Collyer, B.A.	1960
Bray, Elva Mildred, B.A.	1943
Brazier, John Richard, B.A.	1952
Brideson, Colin Herbert	1959
Bridge, Kennedy James, B.A.	1963
Britton, Robert John, A.U.A. (Arts and Educn.)	1963
Brock, Brian James, B.Sc.	1966
Brokenshire, Alan Richard, B.Sc.	1964
Brook, Richard John, B.Sc.	1961
Brown, Henry, M.A.	1924
Brown, Donald Edgar	1954
Brown, Norman, B.A.	1960
Brown, Reginald Dutton, B.Ec.	1947
Bryson, Helen Anne, B.A.	1966
Bubner, Kenneth Max, B.A.	1966
Bull, Winifred, B.A.	1948
Bullas, Vernon Lindsay	1966
Bunney, Bronte Rowland, B.Sc.	1957
Burdon, Ivor Leslie, B.A.	1945
Burfield, Arthur, B.A.	1954
Burnard, Charles Robert	1948
Burns, Esther	1949
Burrow, Catherine Patricia, B.A., A.U.A. (Phys.Ed.)	1966
Burton, Dudley Hopetoun, B.A.	1941
Burton, Graham Frank, B.Sc.	1966
Butcher, Alan Edward, B.A.	1933
Butler, Kathleen Fiona, B.A.	1948
Butler, Pamela Margaret, B.Sc.	1958
Campbell, Archibald Herbert, B.A.	1939
Cannell, Cedric James, B.Sc.	1942
Cant, Alistair McKinnon, B.A.	1944
Carmen, Noel Francis, B.A.	1951
Carmichael, Barry Marshall	1966
Carthew, Lancelot, B.A.	1950
Cavenett, Horace Clifford	1945
Cawte, Frederick George Nelson	1942
Chalklen, Roland John, B.A.	1960
Chamberlain, Dawn, B.A.	1964
Chant, Barry Mostyn, B.A.	1963
Chapman, John Marsden, B.A.	1940
Charlesworth, Jennifer Joy, B.A.	1964
Charlesworth, Thomas William, M.A.	1947
Cheng, Mee Chooi, B.Sc.	1966
Chittleborough, Glen, B.Sc.	1960
Chittleborough, Lyall, B.A.	1963
Chittleborough, Wendy Lois, B.A.	1963
Chong, Khey Cheow, B.Sc.	1965
Chopra, Pran Nath, B.A.	1968
Chye, Toh Cheong, B.Sc.	1965
Clapp, Edwin Kenneth Hamilton, A.U.A.	1961
Clark, Henry William, B.A.	1954
Clarke, Brian Russell, B.Sc., A.U.A. (Arts and Educn.)	1963
Clarke, Phil Gregory, B.A.	1952
Cleggett, Lloyd	1955
Clements, John Wreford, A.U.A.	1962
Close, Maynard Davidson, B.A.	1948
Close, Ronald Wilkinson, B.Sc.	1945
Close, Susan Elizabeth, B.A.	1965
Cochrane, Heather Bernice	1958
Cock, Leon John, B.A.	1966
Coggins, Harold Douglas, B.Sc.	1955
Coggins, John Malcolm, B.Sc.	1966
Coggins, Robert Symes, B.Sc.	1952

Coker, John Godfrey, A.U.A. (Arts and Educn.)	1962
Coleman, Alan Michael, B.Sc. (Wales)	1966
Coleman, Isobel Beryl Jean, B.A.	1949
Collins, Charles Vincent, B.A.	1940
Connole, Patricia Ann, B.A.	1963
Cornelius, Muriel Merle, B.A.	1956
Corrigan, Lawrence Joseph	1930
Cosgrove, Bernard Augustin, B.A.	1945
Cosh, James Malthouse, B.A.	1949
Counsell, Ruth Kingsley, B.A.	1955
Coxon, Patricia Magdalen, B.A.	1965
Cramer, Gerard Leigh, B.A.	1952
Cramond, Margaret Mary Alyn, B.A.	1956
Crawford, Graham John, B.Sc.	1966
Cropley, Arthur John, B.A.	1960
Cross, Jack	1957
Crowe, Elizabeth Mary, B.A.	1954
Curry, Christine Mary, B.A.	1965
Gusack, John Charles, B.Sc.	1959
Dack, Thomas, B.A.	1938
Daddow, Henry Howard, B.A.	1943
Dally, John Alton, B.A.	1963
Daniel, Neralie Anne, B.A.	1966
Danielsen, Fredrick Graham, B.Sc.	1964
Darzens, Dace, B.A.	1963
Darr, David James, B.Sc.	1966
David, John Fairhall, B.A., B.Ec.	1964
Davies, Natalia, B.A.	1940
Davis, Robert Bruce, B.A.	1950
Davison, Gordon William, B.A.	1938
Davison, John Mitchell, B.A. (Q'ld.)	1966
Daw, William Ronald	1954
Day, Christine Janet, B.A.	1965
Deacon, Merrowyn May, B.A., A.U.A. (Music)	1964
Deer, John Gregory, B.Sc.	1956
Dempster, Beryl Joan, B.A.	1964
Dennis, Alan Henry, B.A.	1953
Dennis, William Norman, B.Sc.	1958
Densley, Mary Muriel, B.A.	1964
Dent, Marjorie, B.A.	1960
Dent, Nancy, B.A.	1962
Denton, David Ross, B.A.	1963
Dilema, Michael James, B.A.	1966
Dinning, Alfred Ernest, B.A.	1933
Dinning, Rodney Alfred Brady, B.A.	1956
Doman, Mary Gladys, B.A.	1961
Donaldson, Pamela Margaret, B.A.	1961
Donnellan, Teresa Marie, B.A.	1950
Dowdy, Norman James, B.A.	1949
Downs, George William, B.A.	1948
Doyle, William Albert, B.A.	1964
Driver, Bruce Edwin, A.U.A. (Arts and Education)	1965
Dunbar, Harry Edward, A.U.A. (Arts and Education)	1966
Dungey, Kevin Leonard, B.A.	1944
Dunlop, Walter James, B.A.	1958
Dunn, Edith Marie, B.A.	1942
Dunn, John Gilding, B.A.	1963
Dunn, Sydney Stephen, B.A.	1951
Dwyer, Ann Maud, B.A.	1964
Dyster, Thomas, B.A.	1956
East, Mabel Margaret, B.A.	1965
East, Vernon Roy, B.A.	1948
Eckersley, Peter Douglas, B.A.	1965
Eckert, Lexley Frank	1960
Eden, Owen Frederick, B.Sc.	1951
Edgar, Heather Mary, B.A.	1960
Edmonds, Richard Lewis, B.A.	1966
Edmonds, Ruth Iris Marie, B.Sc., A.U.A. (Arts and Educn.)	1965
Edmonds, Thomas James, B.A.	1965
Edwards, Carolyn Edith, B.Sc.	1965
Edwards, Philip Glen, B.Sc.	1961
Edwards, Victor Wilfred Alcom, B.A.	1948
Elder, Audrey Olive, B.A.	1950
Eley, Agnes May, B.A.	1948
England, Gerald Clifford, B.A.	1962
England, Robert Keith, B.Sc.	1966
Esselbach, Rodney, B.A.	1958
Evans, Mary, B.A.	1941
Ewers, William David, B.A.	1940
Eyers, Vivian George, B.Sc.	1959
Falkenberg, Walter Edwin, B.A.	1942
Farmer, Helen Robinson, B.A.	1948
Farrell, Edward Francis, B.A.	1944
Farrow, Murray Aubrey, B.A.	1947
Farrow, Robert Murray	1956

Faulk, James Francis, A.U.A. (Arts and Educn.)	1964
Featherstone, Dora Bewlay, B.A.	1923
Fechner, Martin Johann Traugott, B.A.	1940
Fehlberg, Tasman Julius August, B.A.	1942
Fergusson, George Robert, B.A.	1955
Field, Alan Kimber, B.A.	1958
Finn, Beatrice Mary, B.A.	1943
Fisher, Ruben Walter Alfred, B.A.	1950
Fitzgerald, Bartholomew John, B.A.	1932
Fitzgerald, Clarence Lindsay, B.A.	1954
Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954
Fitzpatrick, Clifford George, B.Sc.	1952
Fitzsimons, Robert Owen, B.A.	1965
Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928
Flynn, Kevin John, B.A.	1942
Forbes, Elizabeth McLean, B.A.	1965
Forbes, William, B.A.	1939
Forrest, Richard Bruce, B.Sc.	1966
Forsyth, Elliott Christopher, B.A.	1950
Freidenfelds, Mara, B.Sc.	1963
Fricke, Lyall Peterie, B.Sc.	1951
Fuller, Geoffrey Roy, B.Sc.	1963
Fulton, Gwen Evelyn Hamilton, M.A.	1945
Gaffney, Robert John, B.Sc.	1966
Gamble, Graham Beaumont, B.Sc.	1965
Gann, Eric Crump, B.A.	1954
Ganzis, Nicholas, B.A.	1965
Gardini, Alessandro, B.Sc.	1966
Gare, Lloyd, B.Sc.	1938
Gaskell, Joan Mary, B.A.	1955
Gazard, Geoffrey Albion	1949
Gent, Alan Franklin, B.A.	1950
Georg, Victor Gerhard, B.A.	1952
George, David Charles, B.Sc.	1964
Gerlach, Max Johann, B.A.	1927
Geytenbeek, David Robert, B.Sc.	1959
Gibbs, Alfred Lewis Burnand	1949
Gibson, Ernest Stephen Harvey, M.Sc.	1942
Gibson, Gladys Ruth, B.A.	1940
Gibson, Graham Coyne, B.A.	1953
Giddings, Keith, B.A.	1963
Giersch, Leonard Ernst, B.A.	1943
Gilchrist, Robert James	1950
Giles, James Ramsay, B.A.	1962
Gilham, James Edgar, B.A.	1959
Gill, Clarence William, B.A.	1940
Glastonbury, Dudley Ivan, B.A., B.Sc.	1935
Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Gliddon, William Aquilla Robert James, B.A.	1959
Glynn-Roe, Wilfred Joseph	1950
Gobbett, Donald Lyon, B.A.	1963
Gobbett, Estelle Margaret, B.A.	1963
Goh, Kim Kee, Ivy, B.Sc.	1966
Golding, Edmond William, B.A.	1951
Golding, Phyllis May, B.A.	1954
Goldney, David Charles, B.Sc.	1963
Goldsmith, Robert Eric Lewis, B.Sc.	1965
Goldsworthy, David, B.A.	1959
Goldsworthy, John Garfield, M.A.	1951
Goldsworthy, Reuben, B.Sc.	1954
Gooden, Edgar Whitridge, B.Sc.	1959
Gooden, Rosalind Mary, B.Sc.	1961
Goodenough, Trevor John, B.Sc.	1965
Goodrich, Roy Stanley, B.Sc.	1966
Gould, Ian Morris, B.Sc.	1964
Graham, Mary Theresa, M.A.	1940
Green, Carlotta Rosina, B.A.	1966
Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.)	1961
Green, Richard Maslen, B.A.	1940
Greeneklee, Charles Sydney, B.Sc.	1965
Griggs, Clarence Middleton, B.Sc.	1928
Grosvenor, Edna Mary, M.A.	1951
Guerin, Lois Joy, B.A., A.U.A. (Phys.Ed.)	1965
Gunn, James Allan Baikie, B.A.	1963
Gunton, James Donald, B.A.	1940
Gurry, David Cyril, B.A.	1964
Hackett-Jones, Rosemary Frances, B.A., A.U.A. (Music)	1966
Haden, John Forbes, B.A.	1955
Haese, Frederick Ernest Douglas, B.A.	1952
Haese, Kevin Arthur, A.U.A. (Arts and Education)	1966
Hague, John Stanley, B.A.	1961
Haines, Murray David, B.A.	1959
Hall, Valerie Lois, B.Sc.	1965
Hallinan, John Michael, B.Sc. (Sydney)	1965
Hamilton, Neil Joseph, B.Sc.	1966
Hancock, Deane Glenn, B.Sc.	1965
Hansberry, John Pierce, B.A.	1949
Hansberry, Mary Estelle, B.Sc.	1953
Hansen, Ian Victor, B.A.	1954
Harper, Brian Youl, B.A.	1966
Harper, Ronald George, B.A.	1941
Harrington, Colin	1949
Harrip, Brian John, B.A.	1955
Harris, Donald Dunstan, M.A.	1934
Harris, Dudley Andrew, B.A.	1940
Harris, Elizabeth Ann, B.A.	1965
Harris, Lorna Muriel, B.A.	1950
Harris, Shirley Joyce, B.A.	1948
Harrison, Howard Raymond, B.A., B.Sc.	1964
Harris, Henry Thomas, B.A.	1966
Hart, Arthur Maxwell	1950
Hartmann, Calia Lynnette, B.A.	1965
Harvey, Judith Mary, B.A.	1966
Harvey, Mary Mignon Owen	1966
Harvie, Sydney Haral, B.Sc.	1938
Haseloff, Milton Conrad, B.A.	1965
Hasenhor, Edward, B.A.	1952
Hashim, Aloyah, B.A.	1966
Haslam, Jonathan Alaneil, B.A.	1965
Hatwell, Neville	1966
Hauser, Frederick Herbert, B.A.	1934
Hawke, Cynthia Joy, B.A.	1961
Hayward, Walter Richard, B.A.	1937
Healey, Nora Kate, B.A.	1941
Heath, Carol Ann, B.A.	1966
Heidenrich, George Bernhardt Franz, B.A.	1948
Heinemann, Mervyn Lambert, B.A.	1948
Helbig, Doris, B.A. (Qld)	1966
Henderson, Margaret Evelyn, B.A.	1960
Herman, Eugene, B.A.	1964
Hervey, Gordon Wayne, B.Sc.	1965
Heuzenroeder, John Mathwin, B.A.	1963
Hew, Tong Moy, Helen, B.Sc.	1965
Hewitson, Helen Margaret, B.A.	1962
Hewitson, Malcolm Thomas, B.A.	1955
Hickey, Kathleen Veronica, B.A.	1950
Hicks, John Buchanan, B.Sc.	1965
Higginbottom, Edwin Corlett, B.A.	1929
Higgins, Alfred James, B.A.	1950
Hilbig, Paul Berthold, B.A.	1935
Hill, Ivan William, B.Sc.	1964
Hill, John Albert, B.Sc.	1963
Hill, Robert Maxwell, B.Sc.	1965
Hilton, Arthur Robert, B.A.	1936
Hirst, Ronald Robert, B.Sc.	1944
Hiskey, Thomas Alan, B.A.	1951
Hodge, Brian Jack, B.A.	1965
Hodge, Warren David Payne, B.A.	1965
Hogarth, Thomas Arthur	1965
Holland, Joan, B.A.	1948
Holley, Maurice Frederick, B.Sc.	1962
Holmes, Angus Spooner, B.A.	1957
Holmes, Patricia Langley, B.A., A.U.A. (Music)	1965
Honey, Anne Elizabeth, B.A.	1963
Hood, Morris Samuel James, B.A.	1965
Hooper, John Robert, B.A.	1960
Horner, Frances Jane, B.A.	1962
Hoskins, Howard Berthold, B.A.	1938
Howard, Ephrem, B.A.	1940
Howlett, Diana Rosemary, B.A.	1959
Howlett, Nellie Ruth, B.A.	1944
Howlett, Philip Thomas Michael, B.A.	1944
Hume, Beryl May, B.A.	1960
Humphries, Arthur Cecil George	1941
Hunkin, Milton Philip, B.A.	1958
Hurn, Pamela Junette, B.A.	1964
Hutson, Nicholas James, B.Sc.	1965
Hutson, Walter William	1945
Hutton, Alan Victor, B.A.	1963
Hutton, Deane Winston, B.Sc.	1966
Hyde, Alan Graham, B.Sc.	1955
Hynes, Gertrude Doreen, B.A.	1966
Ingleton, Christine, B.A.	1965
Inglis, Norman John, B.Sc.	1966
Ireland, Norman Arthur, B.A.	1924
Isom, Constance Ruth, B.A.	1942
Jackson, Peter Alexander, A.U.A. (Arts and Education)	1966
Jenkin, Alfred John Roseland, B.A.	1939
Jenkins, Rex Desmond, B.A.	1943
Jennings, Colin Bruce, B.Sc.	1965
Johncock, Ernest Harry, M.A.	1929
Jolly, William Richard Norman, B.A., B.Sc.	1939
Jones, Albert Walter, B.A., B.Sc.	1939
Jones, Jeanette Rosemary, B.A.	1965
Jones, Michael John, B.A.	1962
Jones, Reginald John, B.A.	1954
Jordan, Deirdre Frances, B.A.	1951

Judd, James, B.A.	1956	McGuire, Anthony Christopher, B.A. (Diploma in Secondary Educn., 1962)	1960
Juett, Christina Margaret, B.A.	1943	McIntosh, Florence	1945
Kane, Leo William, B.A.	1965	McKay, Malcolm William, B.A.	1938
Karran, Peter Douglas, B.Sc.	1965	MacKenzie, Helen Marie, B.A.	1966
Kean, Eileen Margaret, M.A.	1954	McKinnon, Robert Campbell, B.A.	1936
Keane, Mary Veronica, B.A.	1964	McLean, Murray Colin, B.A.	1951
Kearney, Bernard James	1949	McLean, Reginald Alexander, B.A.	1936
Kelly, Ellen, B.A.	1934	McLeod, Janet Gertrude, B.A.	1965
Kelly, Frank Reginald	1961	McMillan, Stanley Lyall, B.A., B.Sc.	1960
Kennett, Keith Franklin, A.U.A. (Arts and Education)	1965	McMutrie, Alfred Ian, B.A.	1939
Kenny, Martin Lance, B.A.	1942	McMutrie, Colin, B.A.	1939
Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947	McPharlin, Alison Tudor, B.A.	1957
Kerin, John Francis, B.A.	1956	McPherson, Alexander Owen, M.A., B.Sc.	1939
Kerslake, William James	1942	McPherson, John Roger, B.A.	1966
Kesting, Louis John, B.A.	1945	Macklin, Laura Muriel Caterer, B.A.	1939
Keynes, Nanette Joan, B.A.	1950	Macklin, William Charles, B.Sc.	1956
Khadajah, Karim, B.A.	1966	Macpherson, Reginald Murray, B.A.	1948
Kies, Alick Andrew, B.A.	1948	Magarey, Susan Margaret, B.A.	1966
Kieselbach, Patricia, B.A.	1964	Magor, Clifford James, M.A.	1945
Kildea, Mary Francis, B.A.	1941	Magor, Irvine Frank, B.A.	1943
Kimber, Robert James, B.A.	1964	Magor, William Alwyn Roy, A.U.A. (Arts and Educn.)	1963
Kingston, Patricia Joan, B.A.	1965	Manhood, Cleve Charles, B.A.	1964
Kite, Helen Edith, B.Sc.	1966	Manitius, Niklas, B.A. (A.N.U.)	1966
Klaebe, Ruth Adelaide, B.A.	1951	Mann, Airdrie Jean, B.A.	1961
Kloeden, Louis Adolph, B.A.	1951	Manser, William Lloyd, B.A.	1964
Knauterhase, Oscar Carl, B.A.	1938	Mansfield, Richard Charles	1966
Knight, Russell William, B.A. (Econ.) (Manc.)	1958	Manuel, Deane James Hubert, B.Ec.	1952
Knwles, Martyn Carey, B.Sc.	1966	Marks, Donald Adrian, B.Ec.	1965
Koehne, Raymond Percy, B.A.	1948	Marks, Monica Mary, B.A.	1960
Kohler, Bryce Leonard Percival	1955	Marlow, Christopher Roy, B.Sc.	1966
Kroemer, Maureen Annette, B.Sc.	1965	Marsh, Douglas Stanton, A.U.A. (Arts and Educn.)	1964
Kuhl, Dean Hasting, B.Sc.	1965	Marsh, William Clarence	1966
Laidlaw, William Clarke, B.A.	1940	Marshall, Herbert Edmund, B.A.	1941
Lamacraft, Kenneth Ronald Ross, B.A.	1955	Marshman, Ashley Mead, B.A.	1950
Lamborne, Maxwell Addison, B.A.	1963	McLay, Andrew Harold, B.A.	1954
Lamey, Charles Sydney, B.A.	1937	Martin, Alfred William, B.A.	1953
Lang, Ian Philip, B.Sc.	1957	Martin, Arnalia Anna, B.A.	1941
Lang, Samuel Brambley, B.A.	1966	Martin, John William, B.A.	1966
Langford, Peter Angus, B.A.	1966	Martin, Lesley Meredith, B.A.	1963
Langrehr, John Scott, B.Sc.	1965	Martin, Maurice Leon, B.A., B.Sc.	1955
Laslett, Ian John, B.Sc.	1954	Martin, Ralph Keith, B.A.	1948
Latz, Clement Victor, B.Sc.	1963	Martin, Walter Raymond, B.A.	1941
Laubsch, Colin Andrew, B.Sc.	1958	Maschmedt, Zillah Daisy, B.A.	1940
Lawlor, Margaret Cecilia, B.Sc.	1965	Mason, Neil, B.A.	1966
Lawry, Reginald Arthur, B.A.	1947	Masters, Bernard Lincoln, B.A.	1960
Lazaroff, Nicholas, B.Sc.	1964	Materne, Desmond Eric, B.A.	1959
Leach, William Valentine, M.A., Dip.Econ.	1928	Matters, Horace John	1950
Leder, Gilah Chaja, B.A.	1965	Matthews, Richard Trahair, B.A.	1943
Leditschke, Margaret Mary Caroline, B.A.	1959	Mattingley, Brian John, B.A.	1939
Lemcke, Vincent Andrew Howard, B.A.	1949	Mattner, Aubrey Laurence, B.Sc.	1964
Lemmey, Ford Prall, B.A.	1955	May, Dorothy Mary, B.A.	1948
Leske, Elmore, B.A.	1960	May, Elizabeth Ann, B.Sc.	1964
Lewis, Leonard Arthur, B.Sc.	1947	May, Leonard Seymour, B.Sc.	1939
Lewis, Raymond Douglas, B.Sc.	1943	Mayer, Rolph William, B.A.	1964
Lewis, Richard Owen, B.A.	1959	Maynard, Donald Archer Scott, B.Sc.	1940
Lewis, William Albert	1966	Maynard, Robert Keith, B.Sc.	1964
Liew, Nyok Kheng, B.Sc.	1966	Maguire, John Charles, B.A.	1947
Lillecrapp, Douglas Arthur Julian, B.A.	1950	Measday, Ellen May, B.A.	1947
Lillywhite, Myra Jean, B.A.	1963	Measday, Shirley, B.A.	1949
Lim, Yew Meng, B.Sc.	1966	Middleton, Melville John William, B.A.	1943
Lindop, Arthur Clive, B.Sc.	1965	Milbank, Ian Richard, B.A.	1966
Lloyd, Edward John, B.Sc.	1964	Milburn, Elizabeth Mary, B.A.	1965
Lochert, Paul Bertram, B.Sc.	1966	Miller, Annie Rose, B.A.	1948
Lochel, Beverley Claire, B.Sc.	1966	Mills, John Murray, B.A.	1959
Lockwood, John, B.Sc.	1965	Milne, Annie Johnson, B.A.	1939
Loffler, Donald Arthur, B.A.	1962	Milne, Kenneth James, B.Sc.	1965
Longbottom, Maxwell Ernest, B.A.	1962	Mitchell, Albert Leonard, B.A.	1960
Lord, Eric Ross, B.A.	1961	Mitchell, Annie Nora	1938
Lowke, John James, B.Sc.	1958	Mitchell, Robert John, B.Sc.	1964
Luke, Eleanor Ann, B.A.	1966	Mitchell, Zonne Marion, B.A.	1959
Lush, Anita Rose, B.A.	1960	Mitton, Madge Winifred, B.A.	1966
Lushey, Harold Merton, M.A.	1930	Molloy, Raymond Brian, B.A.	1951
Lynch, John Henry, B.A.	1950	Moore, Elizabeth Douglass, B.A.	1966
Lyons, John Forbes, B.Sc.	1962	Moore, John Robert, B.A. (Western Australia)	1960
McArthur, Donald Glen, B.A.	1965	Moore, Neville Stanley, B.A.	1958
McCarthy, Burnard, B.A.	1942	Morris, John Lennox, B.A.	1954
McCracken, Samuel Raymond	1958	Morris, Maxwell Arthur, A.U.A.	1961
McCullough, Amy Margaret, B.A.	1945	Mudge, Margaret, B.A.	1958
McDonald, Donald Angus, B.Com. (Melb.)	1966	Mueller, Edwin Albert, B.A.	1954
McDonald, Elizabeth Margaret Alison, B.A. (W.Aust.)	1966	Mueller, Rae Vernon, B.Sc.	1954
McDonald, Donald Stuart, B.A.	1945	Muetzefeldt, Elfriede, B.A.	1941
McDonald, Gilbert Sherman, B.A.	1934	Mugford, Rex Ernest, B.A.	1962
McDonald, John Hunter, B.A.	1936	Mules, Betty Lavina, B.A.	1950
McDonald, Percy William, B.A.	1940	Mundy, Barry John, B.Sc.	1966
McDonald, Peter Baker, B.A.	1957	Mundy, Kevin Arnold, B.A.	1942
McElroy, Anthony Godfrey	1947	Munn, Jeffrey Lewis, B.Sc.	1966
McEvoy, Alovisius John, B.A.	1942	Murphy, Deirdre Mary, B.A.	1966
McFarlane, Jill Susan, B.A.	1966	Murphy, Mary, B.A.	1938
McGowan, George Murray, B.A.	1940		

Murphy, Shylie Patricia, B.A.	1948	Prime, Andree Joyce, B.A.	1949
Murrie, Jill Margaret, B.A.	1957	Proctor, Ivy Millicent, B.A.	1939
Natar, Mary Ruth	1966	Provis, Douglas Franklin, B.Sc.	1953
Nettelbeck, David Clive, B.A.	1962	Pryor, Eric John, B.A.	1941
Ngui, Sui Lin, Paul, B.Sc.	1965	Puckridge, James Terence Winston, B.A.	1965
Nicholas, Rowland John, B.A.	1944	Purslow, Martin, B.A.	1956
Nicholls, Barbara Ruru, B.A.	1947	Pyne, Maurice Ignatius, B.A.	1929
Nichols, Terence Ivan, B.Sc.	1962	Quigley, Brian Maxwell, B.A., A.U.A.	
Nichterlein, Frieda Pauline, B.A.	1955	(Phys.Ed.)	1966
Nickolai, Max Ronald, B.Sc.	1955	Rabone, Elaine Thelma, B.A.	1961
Nicol, Gary John	1965	Rabone, Harry Klements Percival, B.A.	1941
Nietz, Arno Oscar, B.A.	1953	Radcliffe, Sheila, B.A.	1953
Nimon, Maureen Patricia, B.A.	1966	Ramsey, Gregor Allen, B.Sc.	1961
Ninnes, Alan Herbert, B.Sc.	1965	Ratcliffe, Julian Wayne, B.Sc.	1966
Ninnes, Arthur Reginald, B.A.	1944	Rattley, John Anthony Charles, B.Sc.	1966
Nitschke, Peter John, B.Sc.	1964	Rawnsley, Stella, B.A.	1963
Noblett, Hedley Lindsay, B.A.	1939	Ray, Marjorie, B.A.	1951
Northey, Helen Louise, B.Sc.	1966	Read, John Herbert, B.A.	1959
Nottle, Geoffrey Edward, B.A.	1959	Read, Philip Andrews, B.A.	1941
Noye, Brian John, B.Sc., A.U.A. (Arts and Education)	1966	Read, Wendy Margaret, B.A.	1965
Numan, Douglas Stephen, B.A.	1963	Reade, Robert Victor, B.A.	1966
Numan, Edward Ernest, B.Sc.	1966	Redden, Martin Philip, B.A.	1934
O'Brien, Francis John Romuald, B.A.	1954	Redin, Lewis Charles, B.A.	1959
O'Callaghan, Basil Charles	1966	Redman, Susan Faquita, B.A.	1964
Ockenden, Garth Palmer	1950	Redpath, Lynda Rosamond, B.A.	1964
O'Connell, William Bernard, M.A.	1945	Redstone, Frank, B.A.	1960
O'Connor, Deirdre Catherine, B.A.	1958	Reed, Barbara	1954
O'Connor, Peter Joseph, B.A.	1955	Rehn, Denzil Farnham, B.A.	1958
O'Grady, Maureen Therese, B.Sc.	1963	Rendell, Alan, Dip.Econ.	1929
O'Hara, Norah Philomena, B.A. (Meib.)	1966	Renner, Johannes Theodore Erich, B.A.	1954
O'Malley, John Edwin, B.A.	1949	Reynolds, Maxwell Stanley, B.A.	1950
O'Neill, Cornelius Patrick, B.A.	1951	Richards, Anthony Howard, B.Sc.	1946
O'Neill, Marguerite, B.A.	1950	Richards, Gordon Alfred, B.A.	1940
Ooi, Eam Beng, B.Sc.	1965	Richards, William Edward, B.A.	1953
Osman, Neile, M.A.	1948	Richardson, Ruth Mary Desmond	1958
Ottens, Graham John, B.Sc.	1965	Riedel, Felix Daniel, B.A.	1954
Owen, Gwenyth Winsome, B.A.	1945	Rigter, Gerard Theodore Joseph, B.A.	1963
Page, Eleanor Florence, B.A.	1943	Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957
Page, Romne Earle, B.A., A.U.A. (Phys. Ed.)	1965	Roberts, Jennefer Mary, B.A.	1960
Pak-Poy, Patricia Geraldine, B.A.	1964	Roberts, John Desmond, B.A.	1960
Pallant, Donald James, B.A.	1962	Roberts, Roy, B.A.	1961
Palmer, John Oram, B.A. (N.E.)	1966	Robins, Robert William	1966
Parish, Vanessa Margaret Scott	1965	Robinson, Samuel Foster	1922
Parkes, Roy Frederick Walter	1952	Robson, Bruce Neville, B.Sc. (Tasmania)	1956
Parkinson, Geoffrey William, B.A.	1965	Rodgers, Frances Ada, B.A.	1938
Parkinson, Kevin John, B.Sc.	1955	Roehrs, Herma Erika, B.A.	1953
Parsons, Colin, B.A.	1959	Rogers, Ruth Nellie, B.A.	1956
Parsons, Edward Clarence, L.A.	1941	Rohrlach, Kenneth Deane, B.Sc.	1965
Parsons, Robert Allan, B.Sc.	1966	Rooney, Clifford, B.Sc.	1938
Parsons, William Ross, B.A.	1951	Rooney, Lois Josephine, B.A.	1948
Pash, Hannah Rita, B.A.	1934	Ross, Margaret Anne, B.A.	1964
Patching, Allan Ralph, B.Sc.	1964	Routley, Peter Herbert, B.A.	1960
Patterson, Conrad Brenton, B.A.	1965	Rudd, Kenneth Clive, B.A.	1947
Patterson, Reginald Lindsay, B.A.	1966	Rumbelow, Denis, B.Sc.	1966
Paul, Alec Gordon, M.A., B.Sc.	1934	Rumpff, Sally Anne, B.A.	1964
Paul, Gwenda Helen, B.A.	1966	Ryan, Brendan Patrick, B.Sc.	1964
Payne, George Basil, B.A.	1938	Ryan, Michael Rupert, B.A.	1941
Payne, Jennifer May	1966	Sage, Harold Robert, B.A.	1954
Peacock, Dennis Peter, B.A.	1965	Salkeld, Jennefer Anne Vickridge, B.Sc.	1964
Pearce, Alfred Moreton, B.A.	1953	Sandercock, Alfred Mervyn, B.A.	1938
Pearce, Charles Clifton, B.A.	1940	Sandery, Peter Leonard, B.Sc.	1966
Pearman, Reginald John, B.Sc.	1957	Sando, Clarice Melva	1955
Pearson, Howard James, B.A.	1941	Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957
Pearson, Leslie Norman, B.A.	1943	Saunders, Graham Edward, B.A.	1962
Pederick, Leith Hubert, B.Sc.	1966	Schahinger, Janine Edith, B.A.	1965
Pederson, Martin John	1966	Scholefield, Judith Ellen, B.A.	1968
Pedlow, Clarice, B.Sc.	1944	Schubert, David Arthur, B.A.	1965
Pennicott, Ralph William	1953	Schubert, Heather Jean, B.A.	1964
Pennington, Beryl, B.A.	1945	Schultz, Roland Felix, B.A.	1965
Penny, Hubert Harry, B.A.	1930	Scott, Patricia Anne, B.A.	1965
Penny, Roger Stephen	1966	Scriven, Murray Walter, B.A.	1950
Perry, Dulcie May, B.A.	1941	Searle, Clifford Alfred James, B.A.	1940
Peters, George Francis, B.Sc.	1953	Secombe, Margaret Joyce, B.A.	1964
Peterson, Jean Clarice, B.A.	1942	Seidel, Ronald Desmond, B.Tech.	1966
Pfützer, Julian Paul, B.Sc.	1966	Seifried, Ethne Helen, B.A.	1965
Phillips, Brian Douglas, B.Sc.	1965	Senior, Lionel Rupert, B.A., B.Sc.	1963
Phillips, Gordon Gilbert, B.A.	1947	Sexton, Edgar Raymond, B.A.	1935
Phillips, William John, B.A.	1963	Sharman, Florence Mary, M.A.	1923
Pinder, Claude Jack	1966	Shaw, Joan Hambly, B.A.	1964
Pitman, Beresford Ernest, B.A., B.Sc.	1949	Shaw, John Robert Stockdale, M.A.	1942
Pitman, David Arthur Alfred	1966	Shaw, Kate Hambly, B.A.	1937
Polkinghorne, Keith, B.A.	1939	Shepherd, John Alfred, B.A.	1943
Porter, Harold George, B.A.	1942	Shinkfield, Anthony James, B.A.	1957
Potter, Dennis Robert, B.Sc.	1966	Shrowder, Ronald Louis, B.A.	1943
Potter, James Downrig, B.Sc.	1965	Simpson, Brian Clifton, B.Sc.	1965
Power, Frances Maureen, B.A.	1956	Simpson, Penelope Margaret, B.Sc.	1953
Prest, Robert Henry, B.A.	1960	Slaytor, William John Hayden, B.A.	1965
Price, Ione Dorothy, B.A.	1949	Slee, Dugald Haughton, B.A., B.Sc.	1940
Price, Judith Helen, B.Sc.	1963	Sloan, Robert David, B.A.	1965

Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951	Twartz, Clement Wilford	1950
Smallacombe, Roy Frederick, B.A.	1955	van Dulken, Thomas Bernhard, B.Sc.	1965
Smith, Allick Hardy, B.A.	1963	Van Velsen, Carolyn Marie, A.U.A. (Phys.Ed.)	1966
Smith, Charles Bruce Powell	1965	Verrall, Raymond Wilfred, B.A.	1942
Smith, David Carswell, B.A.	1939	Vickery, Frederick Arthur, M.A.	1935
Smith, Donald Powell, A.U.A.	1962	Wache, Ethel Mabel, B.A.	1941
Smith, Edward Rowland, B.Sc.	1945	Wachtel, Heinrich Lenhart, A.U.A.	1956
Smith, George Maxwell, B.A.	1965	Wagstaff, Rosemary, B.A.	1963
Smith, Jennifer Stewart, B.Sc.	1966	Waite, Jack Francis Enos, B.A.	1939
Smith, Joan Francis, B.A.	1953	Waite, Jill Shergold, B.A.	1965
Smith, John Fife, B.A.	1939	Waite, Peter John, B.Sc.	1964
Smith, John Henderson, B.Sc.	1965	Wakeford, Sidney Claud, B.A.	1939
Smith, John Henry, A.U.A.	1955	Walker, Gilbert John, B.A.	1944
Smith, Kevin William, B.Sc.	1965	Wallace, Francis Joseph	1953
Smith, William Frederick, B.Sc.	1965	Walsh, Margaret Mary, B.A.	1960
Sobey, Iris Beatrice, B.A.	1956	Walter, Denys	1955
Sodby, Sheila, B.Sc.	1966	Walter, Barbara Katherine, B.A.	1965
Spargo, Stanley Carr, B.A.	1939	Ward, Margaret Kennings, B.A.	1953
Sparrow, Lorna Discombe, M.A.	1941	Ware, Dorothy Alice, B.A.	1962
Spratt, James Arthur Henry, B.A., B.Sc.	1963	Warren, Barry John, B.Sc.	1966
Staudé, Clarence Herman, B.A.	1958	Warren, Donald Hampton, B.A.	1955
Stanley, Raymond John	1958	Warren, Sidney Lilla, B.A.	1927
Stead, Sydney Arnold, B.Sc.	1949	Waterson, Ian Craig, B.Sc.	1965
Steinle, John Richard, B.A.	1959	Watkinson, Mavis Daphne, B.A.	1942
Stephenson, Dorothy Joan, B.A.	1965	Watson, Ian Morse, B.A.	1965
Stevens, Julia Loveday, B.A.	1965	Wattchow, Colin Edward, B.A.	1954
Stewart, Doris Maud, B.A.	1966	Watts, Ruth Emily, B.A.	1964
Stodart, Barbara Joan, B.A.	1957	Wauchope, Mavis Lorelie, B.A.	1929
Stoll, Ruth Sophie, B.A.	1965	Waugh, William McDonald, B.A.	1952
Storch, Wilhelm Murray, B.A.	1949	Wayne-Smith, Reginald John	1953
Strahan, Anthony William, B.A.	1939	Webb, Emmaline Nancy, B.A.	1952
Stretton, Helena Margaret, B.Sc.	1965	Webber, Brian John, B.Sc.	1963
Sugg, Bentham Horace, B.A.	1940	Webber, Ian James, B.A.	1963
Swanson, Albert Frederick Daniel, B.A.	1960	Webber, Muriel Esmé Jill, B.A.	1959
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Education, 1943)	1939	Wells, Margaret Elisabeth, B.A.	1964
Swincer, Susan Mary, B.A.	1966	Welsh, James Oglesby, B.A.	1951
Symonds, Wybert Milton Caust, B.Sc.	1939	Were, Keith Francis, B.A.	1962
Tabor, Barbara, B.A.	1963	Wesley Smith, Henry Elliott, B.A.	1938
Tapp, Adrian Lynda, B.A.	1928	Wesley Smith, Sheila Isabel, B.A.	1947
Taylor, Brian John	1966	Westgarth, Walter Tebble, B.A.	1928
Taylor, Patricia Joan, B.A.	1966	Whalan, Lionel Walter, B.A.	1950
Terman, Verna Joyce, B.A.	1945	Wheaton, Neville Kingsley, B.Sc.	1960
Theobald, Howard Wesley	1954	Whitburn, Jack, B.A.	1935
Thiel, Colin Victor, B.Sc.	1962	White, Jillian Dawn, B.A.	1966
Thiele, Colin Milton, B.A.	1947	White, Stanley Noel, B.A.	1957
Thompson, Anthony William, B.Sc.	1965	Whitelaw, Albert James, B.A., B.Sc.	1945
Thompson, Douglas Norman, B.Sc.	1955	Whittle, Edith Julia, B.A.	1954
Thompson, Meryl Joan	1966	Wiese, Margaret Helen, B.A.	1960
Thompson, William, B.A.	1941	Wilkins, Ray Eber, B.A.	1950
Thorpe, Geoffrey William, B.A.	1961	Wilkinson, Donald Cameron, B.A.	1955
Tilbrook, Percival Montrose Torr, B.A.	1964	Wilkinson, Helen Rosemary, B.A.	1965
Tiller, Kenneth Matthew John, B.A., B.Sc.	1956	Wilksch, Betty Ruth, B.A.	1953
Tillett, Peter Irwyn, B.Sc.	1958	Wilksch, Lois Ruth, B.A.	1962
Tilly, Graham John, B.Sc.	1960	Willcocks, Robert Douglas, B.Sc.	1954
Ting, King Yui, Thomas, B.Sc.	1966	Williams, Arthur Charles, B.Sc.	1955
Tomlinson, Betty Mary, B.A.	1950	Williams, Dawn Ellen, B.A.	1965
Tonkin, Mary Elizabeth, B.A.	1952	Williams, George Esson Keith, B.A.	1941
Tonkin, Verna Iris, B.Sc.	1964	Williams, George Mervyn, B.Sc.	1957
Torr, Shirley Constance	1944	Williams, James Henry, B.A.	1922
Townsend, Herbert Louis, B.A.	1945	Williams, Phillip Glenly, B.A.	1943
Traeger, Keith Terence, B.A.	1950	Williams, Roger John, B.Sc.	1966
Treasure, Eunice Jessie, B.A.	1947	Williams, Rona Lynette	1960
Treasure, Valda Beth, B.A.	1953	Williams, Walter Leslie, B.A.	1949
Trebilcock, David, B.A.	1964	Willington, Lloyd Stanley	1950
Trebilcock, Donald Ray, A.U.A. (Arts and Education)	1965	Wills, Lindsay Arthur, B.A.	1956
Tregenza, Allan Arthur, B.A.	1965	Wilson, Avis Jean, B.Sc.	1958
Tregenza, Sydney Lloyd, B.A.	1935	Wilson, Francis Patrick	1943
Trenorden, James Henry	1945	Wilson, Jack Woodrow, B.Sc.	1943
Trotter, Claudia Annette, B.A.	1965	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Trudinger, Ronald Martin, B.A.	1944	Wilson, Murray James, B.Sc.	1965
Truran, John Maxwell, B.A.	1965	Winter, Robert John, B.Sc.	1965
Tucker, Neil William, B.A.	1966	Wood, Allen Edwin, B.A.	1947
Tucker, Robert, B.A.	1965	Wood, Colin James, B.A.	1959
Tuckwell, Eric Clavering, B.A.	1945	Wright, Angus Stanley, B.Sc.	1939
Tuckwell, Kenelm Sinclair, B.A.	1945	Yap, Lynette	1966
Tulloch, David Gerald	1965	Yeliand, Kathleen Norah, B.A.	1959
Turner, Constance Mary, B.A.	1954	Young, Caroline Agnes, B.A.	1964
Twartz, Arnold Frederick, B.Sc.	1944	Young, Joan Margaret, B.A.	1964
		Zoratti, Alba Pierina, B.A.	1949
		Zweck, John Everard, B.A.	1962

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Astley, Margaret Helen	1953
Allen, Ursula Margaret	1957	Baker, Mary Elizabeth	1942
Allert, Margaret Elizabeth	1943	Barker, Leon James Frank	1957
Angwin, Helen Mary	1952	Barnett, Frederick Ian	1956
Arthur, Lawrie Elyvean	1949	Beare, Lynden Day	1954
Aspinall, Nancie Jean	1944	Bell, Thomas Clive Lithgow	1948

Betteridge, Pamela Beth	1951	McArthur, Heather Eunice	1965
Betts, Beverlie Frances	1962	McCarthy, Graham Rees	1960
Boucher, Andrea	1966	McCord, Pamela Judith	1964
Bowman, Meredith Aileen	1963	McDowall, James	1952
Bown, Colin Trevor	1966	McCargill, Gordon Winstanley	1949
Braham, Henry Arnold Collyer	1951	MacGillivray, Leith Grant	1951
Bridgland, Meralyn Louise	1966	McMillan, Ronald Trevor	1966
Brooks, Charles Alfred	1945	Maddocks, Jean Kinloch	1944
Bryce, Gordon	1962	Marnham, Raelene Dawn	1965
Bullock, Ivor George William	1950	Marsland, Brian Keith	1961
Bungay, Valmai Gladys	1958	Mellish, Mary Evelyn	1954
Cadzow, Leslie Consort	1949	Michelmore, Agnes	1958
Carlson, Margaret Jean	1958	Michelmore, Margaret	1963
Chapman, Denise Alcon	1950	Moller, Christopher Brian	1964
Cook, Heather Mignon	1947	Moss, Dennis Philip	1965
Cooke, Jennifer Joan	1964	Munn, Gary Reuben	1962
Coonan, Wayne Earl	1966	Mutton, Howard James Charles	1948
Cooper, Brian James	1954	Newman, Shirley Lena	1954
Cooper, Jane	1965	Nixon, Valerie Colinette	1955
Coppock, Jeanetta May	1943	Noble, Alan	1950
Cox, Merilyn Ann	1960	Oatey, Robert Reginald	1966
Crafter, Robert Roy	1964	O'Loughlin, Ruth Dorothy	1945
Crisp, Brian Rex	1952	Oon, Seng Wah	1965
Daly, John Alfred	1960	Paddick, Robert Joseph	1961
Dane, Beverley Ann Jennifer	1959	Page, Ronne Earle	1944
Daniels, Jeffrey Gordon	1965	Pavia, Grant Robert	1961
Davis, Colleen	1962	Pohl, John	1965
Day, Lynton John	1966	Proctor, Ivy Millicent, B.A.	1945
Delanty, Patricia Hickford	1949	Pugh, Elizabeth	1949
Delsar, Frederick William	1949	Quigley, Brian Maxwell	1959
Drabsch, Alfred Felix, B.A.	1947	Reece, Evan Wilfred	1965
Duffield, Valma Jean	1953	Rees, Pamela Joan	1966
Duncan, Prudence Ann	1960	Reynolds, Maxwell Stanley	1944
Edge, Thomas George	1958	Roberts, Owen David	1947
Eldridge, Diana Melbourne	1950	Rowe, Joy Dorothy	1950
Emmel, Jeffrey Donald	1966	Saint, Bryce Wesley	1958
Evers, Josephine Anne	1966	Sarson, Ian Kenneth	1965
Evens, Christine Mary	1963	Scheutz, Harold Edwin	1947
Farmer, Judith Ellen	1957	Shakes, Dean John	1963
Fenwick, George William, A.U.A. (Arts and Education)	1965	Sibly, John Maslin	1956
Freebairn, Jeannette	1962	Sladden, Jefford Desmond	1949
Fromen, Petrea Elsie Dora	1950	Sladden, Richard Glenn	1964
Gates, Ian George	1958	Snowden, Janette Daphne, B.A.	1960
Gilmour, Melvyn Bernard	1964	Snowden, Kendall Rita	1964
Goode, Paul Bryce	1965	Spier, David Lindsay	1965
Gordon, Glenda May	1966	Squires, Barry Watkins	1964
Grace, Gloria Dawn	1951	Swalling, Jeffrey Leigh	1965
Grange, Mary Louise	1958	Taylor, Charmaine Cynthia	1965
Green, Ralph Noel	1952	Taylor, Peter John	1966
Groom, Terence Robert	1966	Taylor, Philippa Helen	1959
Hage, Jillian Frances	1964	Telfer, Iris Claire	1956
Halbert, John Arno	1958	Thomas, Margaret Anne	1945
Halsey, Trevor Geoffrey	1954	Torr, Alison Ruth	1950
Hargrave, Cynthia Claire	1966	Treagus, Edward Mervyn	1959
Haslam, Denise Allison	1949	Tuckwell, Patricia Glenne	1957
Hayes, Lindsay Milton	1963	Tulloch, Helen Christine	1963
Henderson, Joyleen Faye	1962	Van Velsen, Carolyn Marie	1961
Hodgson, Geoffrey Arthur	1950	Vilmanis, Biruta Regina	1965
Home, Leonard William	1960	Wadrop, Neil Raymond	1965
Horvat, Ludovic Henry	1941	Wait, Robert Noel, A.U.A. (Arts and Education)	1966
Ising, Margaret Lucy	1942	Watson, Margaret	1953
Jaques, Trevor Donald	1965	Wells, Peter Alexander	1965
Jensen, Richard Ian Broughton	1950	Westley, Kevin John	1965
Jericho, Lois Jov	1960	Whalen, Harry Roy	1961
Johnson, Paul Francis	1965	White, Esme Kathryn	1966
Jude, Margaret Bowman	1962	Whittingham, Nancy Olive May	1958
Kidman, Elizabeth Duncan	1942	Williams, Margaret Gordon	1942
Laphorne, Robert Ingersoll	1960	Williams, Rosemary Claire	1961
Lane, Denis Albert	1964	Williamson, Catherine Patricia	1961
Lavcock, Geoffrey Clinton	1948	Wollaston, Elsie Margaretta, B.Sc.	1950
Liberts, Ivars Arturs	1965	Wollaston, Philip Hamilton	1954
Lim, Teow Wan, B.Sc.	1966	Wooldridge, Aileen Frances	1948
Lines, Beryl Linda	1952	Zwar, John David	1965

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

Coombs, Mary Minetta	1929	Nicholas, Frances Maud	1929
Cotterell, Norman Ashby	1925	Oliphant, Harold George	1925
Cromer, Victor Eugene	1923	Opie, Thomas Schulz, B.A.	1922
Good, Doris Russell	1928	Penny, Hubert Harry, B.A.	1922
Ham, William	1923	Pritchard, Edgar Willie	1924
Harris, Doris Sophia	1922	Rendell, Allan	1923
Leach, William Valentine, M.A.	1925	Skitch, Cecil Ernest Lee	1929
Locksley, Maurice	1923	Smith, John Fife	1925
Macghey, Mary Veta, B.A.	1923	Stanford, Walter Henry	1929
Morris, Lyndall Erica, B.A.	1929	Thompson, Robert	1924
Naim, Loris Walter	1929	Williams, Gustav Cyril Milton	1929

ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Caught, James Gardiner	1935
Abraham, Monica	1962	Cavanagh, Robert Edwin	1936
Adey, Ronald Lawrence	1962	Cawte, Brian Vincent	1957
Aitken, Graham Francis	1966	Cescato, Guido Ferdinando	1959
Ali, Dean Roger	1963	Challen, Robert Geoffrey	1966
Altschwager, Donald Arthur	1965	Chapman, Avis Carol	1952
Amato, Pantaleo	1964	Cheek, Harold Dudley	1939
Anderson, Alexander Keith	1964	Cheek, Robert	1953
Anderson, Gwendoline Eva	1947	Chesney, Robert George	1955
Anderson, Ronald Alexander	1944	Chodowski, Samuel Mendel	1941
Andrews, Erson Leonard	1939	Christie, Alan James	1966
Andrews, Graeme Arthur John	1965	Clampett, Richard Blackmore	1958
Angel, Kevin Reginald	1964	Clancy, Ross Percival	1945
Ardill, David Anthony	1953	Clark, Arthur Wellesley	1934
Argall, Philip John Tadd	1958	Clarke, Trevor Keith	1945
Arnold, Grace Elizabeth	1965	Clarke, Vinrace Lisle	1936
Atkins, Josephine Anne Tyrrell	1964	Clarke, William Graham	1947
Babidge, Ian Charles	1963	Clota, Patricia Mary	1961
Bahnish, Noel	1945	Cock, Alexander Geoffrey	1959
Bailey, Geoffrey Reginald	1948	Cocks, David Gordon	1956
Bajer, Leonid	1958	Cole, Beverley Joan	1964
Bajorunas, Andrius	1957	Coleman, Ronald George	1947
Baldo, Brian Angelo	1961	Coles, Herbert Desmond	1953
Ball, Gerald Benjamin	1953	Collins, Suzanne Mary Lee	1965
Ball, Peter Crowden	1955	Combe, Gaynor Jeanette Florence	1962
Bannister, Neil Prescott	1956	Conigrave, Michael Clement	1959
Barclay, Elizabeth Mollie	1962	Connell, Myles Patrick	1949
Bardolph, Donald Harold	1952	Cooper, Nancy Marina	1956
Bardolph, June Mary	1954	Coorey, Brian Norman	1950
Barnett, Anne Patricia	1962	Cornish, John Neil	1956
Barnes, Donald Stalley	1947	Cosgrove, Peter Brian Anthony	1957
Barnes, Herb	1944	Cosh, David Glynn	1966
Barter, John Fenton	1966	Coultas, Ronald John	1950
Bartold, Geoffrey Paul	1947	Cox, Peter John	1951
Bassett, Murray Maxwell	1948	Cracknell, John James	1953
Bassham, Ian Glen	1962	Crafter, Kenneth Charles	1938
Baxendale, John Lewis	1964	Crago, Reginald Allen	1951
Bayly, Peter John	1962	Craig, Lloyd Albert	1941
Bazeley, William Joseph	1945	Craigie, Peter George	1966
Beaty, Edward William	1954	Craigie, William Leslie	1962
Beckinsale, Ronald Herbert	1949	Crawford, Robert John	1966
Bellby, Jack Canavan	1947	Croft, Mary Ellen	1954
Bennett, Judith Ann	1959	Crowhurst, John Anthony	1965
Bennett, Mary Elizabeth	1965	Crowley, Frank Noah	1953
Bentley, Alan	1937	Curnow, Thomas Martin	1942
Bentley, Deryck Edward	1947	Currie, Robert John	1950
Bertram, John Stanley	1957	Cushway, Albert Len	1954
Bessell, Raymond Leonard	1959	Dahl, Margaret Eunice	1960
Billing, Robert Heaton	1953	Daniell, Ross Wilfrid	1938
Bilyk, Sophia Sonia	1966	Darwin, Lloyd Edwin	1943
Bishop, David Edwin Pemberton	1959	Davies, Jonathan	1953
Bishop, Ronald Lancelot	1951	Davis, John Lloyd	1953
Bishop, William Victor	1949	de Brenni, Jules	1944
Blanks, William Bennett	1957	de Waard, Pieter Carl	1955
Booker, David Michael	1960	Del Fabbro, Jennifer Fay	1965
Booth, Thomas Sheldon	1937	Dent, Althea Ada Lorraine	1953
Boston, Christine	1966	Dixon, John Miller	1953
Bourne, John Wallace	1943	Djurasevich, Danny	1966
Bowen, Frederick Lloyd	1939	Doe, Alwyn Gilbert	1951
Bowey, Allan Edgar	1938	Doecke, Jillian Eleanor	1961
Brady, Michael Ignatius	1954	Dolman, John George	1951
Branson, Robert Rolling	1937	Donaldson, Kevin James	1959
Brauer, Warren Richard	1965	Donaldson, Trevor John	1966
Brett, Jack Nethersole	1938	Donohue, John Sylvestre	1957
Brewster, Cora Elaine	1948	Dowding, Ruth Elma	1948
Brice, Robert Hosking	1954	Dowling, Kevin Raymond	1966
Broad, Lionel Hugh	1943	Downie, Sydney Andrae	1940
Broadbent, Frank Brooker	1957	Drake, Peter Richard	1954
Brougham, Robert Joffre	1940	Driscoll, Ian Harland	1965
Brown, Donald Thomas	1956	Ducker, Murray Edward	1960
Brown, Leonard William	1958	Duggin, Ivan James	1956
Brown, Peter Hackett	1959	Duncan, John Davidson	1950
Brown, Ronald Emanuel	1944	Dundon, Laurence James	1942
Buik, Donald Andrew John	1954	Dundon, Noel Francis	1949
Burge, Donald Raymond	1961	Dunstan, Julie Anne	1963
Burge, Raymond Henry	1936	Dunstone, Kenneth William Thomas	1943
Burns, John Vernon	1956	Dyer, Geoffrey Thomas	1965
Butler, Richard James	1954	Eckersley, Malcolm Russell	1939
Byrne, Ashley John	1959	Edgar, Judith	1964
Byrnes, Reginald Phillip	1960	Edgecombe, Edwin David	1965
Cacas, Don George	1958	Edwards, Brian John	1960
Cacas, James George	1956	Egar, Paul Gerard	1949
Callaghan, Maxwell John	1951	Elix, Robert Hugo	1935
Callaghan, Roy Hugh	1948	Entwistle, John	1947
Campbell, Margaret Diane	1956	Evans, Anthony Greig	1945
Carlier, Ellis Gladstone	1951	Evans, Margaret Ann	1956
Carnie, John Alfred	1950	Evely, Roderick Harding	1938
Carrig, Ian Lindsay	1966	Everett, John Kingsley	1953
		Ey, William Theodor	1937

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, Robert Leonard	1950	Huber, Waldemar Richard	1957
Fraser, Wallace	1950	Hudson, Warren Mervyn	1964
Frazer, Kenneth John	1952	Hulbert, Russell George	1938
Frearson, Harold Thomas	1939	Humble, William Gilbert	1954
Freeman, Colin Charles	1944	Humphrys, Arnold Clarence John	1951
Freeman, John Christian	1943	Hunt, Laurence August	1953
Fricker, Yvonne June	1954	Hurford, Margaret Ruth	1966
Frost, Natahe June	1966	Hutchins, Ross	1942
Fry, Gavan John	1963	Huxtable, Colin Stanley	1948
Funder, Eileen Mary	1935	Huxtable, Kenneth Clarence George	1949
Gambell, Dennis Charles	1964	Hyde, Donald John	1960
Gameau, John Lewis	1936	Ingerson, Graham Alexander	1963
Ganley, Margaret Anne	1964	Jackson, John William	1957
Garrett, Philip Douglas	1953	Jacobs, Philip Arthur	1952
Garrod, John Raymond	1966	Jeffrey, John Leigh	1956
Gartrell, Roger	1936	Jeffer, Percival Lancelot	1938
Gaunt, Norman William	1934	Jelfs, John Robert	1958
Geekie, Jacqueline	1966	Jelfs, William Lawrence	1965
Gelezkov, Mary	1961	Jenner, Helen Muriel	1959
George, Humphrey Edward	1958	John, Clarence Gilmore	1948
George, Lewis John William	1963	Johnson, John Kenneth	1950
Gerard, Nancy Joy	1955	Johnson, Keith Douglas	1941
Gerken, Hans Juergen	1962	Johnson, Leonard	1945
Gibson, Elaine Emmalene	1957	Johnson, Owen Royce	1956
Gibson, Lynette	1965	Johnston, Edwin John McCallum	1938
Gilbert, Glenn John	1961	Johnston, Michael John	1962
Gilbert, Harold William	1947	Jolly, Norman Dickson	1939
Giles, Howard William	1959	Jones, Douglas Perry	1950
Gill, Trevor Wayne	1961	Jones, Jennifer Margaret	1959
Gillespie, Keith Herbert	1939	Jones, Kevin Bernard	1964
Glaros, James Arthur	1961	Jungfer, John Gerrard	1961
Glastonbury, Kevin Brian	1955	Justin, John Herbert	1942
Goldsack, Glen Ronald	1957	Kaehne, Brian Robert	1959
Gooley, Ian Milton	1966	Kain, Coleman Lawrence	1938
Goscombe, David Bevan	1952	Kamm, Geoffrey Norman	1955
Gould, Ashton Noye	1938	Kanovics, Leslie Zoltan	1965
Graham, Francis Chapple	1961	Kasdoba, Lydia	1957
Grimes, Charles Lindsay	1952	Katchor, Bernard David	1963
Grist, Robert Hocart	1951	Kean, Christopher James	1953
Crooby, John David	1951	Keipert, Paul Howard	1942
Grove, William Murray	1939	Kemp, Ronald Gordon	1966
Grummet, Philip Hodgson	1956	Kenny, Rosemary Elizabeth	1963
Gryst, Helen	1948	Kentish, Frank Stow	1952
Gryst, Peter Mervyn	1943	Kildea, John Brian	1952
Gryst, Ross Edward	1952	Kimber, Hubert Thomas	1937
Guthrie, John Vincent	1948	Kimber, Malcolm John	1956
Gwynne, Robert Frank	1935	King, David McMillan	1957
Haddad, Alick Peter	1958	Kinnear, Gerald Campbell	1955
Haddy, Kenneth Ian	1955	Kinsley, John Vere	1938
Hall, Graeme Edward Smith	1963	Kinsley, Valmai Bronwen	1966
Hall, Helen Ruth	1963	Kirby, David Bevan	1940
Hall, Thelma Dorothy	1937	Klaffer, Ralph	1954
Hammatt, Edwin Laurence	1948	Knightley, Harold Alan	1948
Hammond, Joy Dorrilla	1955	Knill, Douglas William	1940
Hancock, Avrill Isabell	1963	Laffer, Mildred Emily	1935
Hanna, Robert Andrew	1951	Lalor, William Brian	1935
Hardwick, Bernice	1949	Lane, Andrienne	1963
Hardy, Stuart Edward	1936	Larwood, Patricia Myrtle	1947
Harnett, Gilbert Barry	1955	Lawton, Brian Eley	1949
Harrison, Warren George	1959	Lawton, Rosalind Mary	1964
Harvey, Marie Jeanne	1956	Lazare, Marcel Bancien Issac	1956
Hawson, William Francis	1952	Lazare, Vicky	1959
Hay, Andrew Robert	1964	Leak, Weston Hugh	1939
Hayter, Bruce William	1951	Lean, Albert Gordon	1938
Hayter, Glenys Joy	1966	Lean, Keturah Victoria	1935
Hearn, Walter Joseph	1945	Lee, Graham Bruce	1959
Hedger, Brian	1965	Lee, Thomas Ian	1954
Heint, Eduard Evald	1956	Lenthal, Douglas Lionel	1936

Lever, Lionel Alfred	1952	Netting, Keith Cameron	1956
Lewis, Graham Neil	1961	Newbery, Betty Hilda	1947
Lewis, Loulie Maxine	1949	Newbery, Donald Ernest	1944
Leyshon, Stephen Noel	1954	Newbery, John Henry Edward	1947
Libikas, Irene	1965	Newson, Clarence Alfred	1941
Linklater, Anne Stirling	1966	Newson, Donald Allen	1966
Lipert, Alan Lewis	1962	Nicholas, Cecil David	1941
Lloyd, Jack Maxwell	1955	Nicholls, Brian Charles	1949
Lock, Peter Bayard	1943	Nicholls, William John	1956
Lockett, Trevor John	1958	Nicholson, Joan Valma	1957
Logan, Margaret Alberta	1961	Ninio, Henry Jacques	1961
Lokan, Elaine Beryl	1957	Norman, Alfred James	1935
Lovell, Barbara Jean	1948	Norman, Jack Campbell	1951
Lower, Rupert Alexander	1940	Norton, Leonard	1959
Lucas, Marjorie Blanche	1965	Nottage, Jeffrey Keith	1960
Ludkins, Geoffrey James	1961	Nunn, Graham Jefferson	1959
Lugg, Patricia June	1959	O'Callaghan, Neil Edward	1956
Luks, Edite Helga	1962	O'Connell, Christopher Colin	1966
Lynas, Kaye Ward	1952	O'Connor, Brian Thomas	1954
Lyons, Colin Henry	1951	Odgers, Murray Grenfall	1938
McCarthy, Kenneth Arthur	1961	Offe, Garth Ian Hamilton	1940
McCarthy, Roderick Charles	1936	Ongley, John Henry Albert	1936
McCull, Peter Donald	1951	O'Reilly, Dominic Patrick John	1941
McCulloch, Paul Damian	1964	Orr, Fay Patricia	1954
McDonough, Peter John	1959	Oswald, John Kenneth Gibson	1960
McDougall, Alistair Douglas	1966	Otto, John Leyland	1954
McHugh, Michael James	1960	Page, Roger Anthony	1965
McInnes, James Laurie	1963	Pain, John Shannon	1955
McKee, Geoffrey Peter	1963	Pak Poy, Wilfred Cecil	1952
McKellar, Keith George	1959	Palape, Janis Zanis	1954
McKenzie, John David Blair	1958	Palk, Michael John	1955
McMordie, James George	1960	Parker, Colin John	1954
McNeil, Keith Albert	1950	Parker, Rex Carleton	1934
MacQueen, David Dugald	1952	Parsons, Donald Allan	1952
MacRae, George Brown	1933	Pascoe, Kenneth William	1964
Madigan, Haydn John	1956	Paterson, Fay	1958
Maine, John Evans	1955	Paterson, Kevin Walter	1955
Makin, Harry Arnold	1942	Patrick, Brian Thomas	1960
Maloney, Barbara Lilian	1960	Patrick, Reginald Ross	1942
Maloney, Denise Minetta	1956	Patterson, Ronald Thomas	1939
Maloney, Peter Robert Cryst	1956	Pawson, Keith Curry	1952
Maloney, Terence John	1958	Payne, Beryl June	1952
Malpas, Cecil Egerton	1945	Payne, Geoffrey Milton	1965
Manhire, Donald Walter	1955	Peek, Donald Harvey	1947
Manning, Lancelot Henry	1934	Penhall, Donald Frederick James	1951
Manton, Jack Hudson	1934	Fenney, Donald Ross	1952
Martin, Adeline Zoe	1934	Phanchet, Chantance	1957
Martin, Beverley Sue	1956	Phelps, Kevin George	1952
Martin, Kinnish Salkeld	1961	Phillips, Christine Ellery	1961
Martin, Rex George	1958	Phillips, Geoffrey Wayne	1966
Martin, Rosalie Edith	1961	Phillips, Stuart Hill	1963
Martin, Thomas Jarvis	1963	Phillips, Yvonne Ruth	1953
Martindale, Aileen Francis	1948	Philp, Harold John	1953
Martindale, Edward John	1947	Physick, Anthony Noble	1960
Marshall, Alfred George Robert	1939	Physick, William Alick	1940
Mashford, Anne Lesley	1966	Pickering, John Ronald	1953
Mathieson, Allen George	1955	Pinchbeck, Lawton James	1965
Mathews, Maurice John	1935	Pittman, Brian Arthur	1962
Mayfield, Margaret Hazel	1955	Pledge, John Melvin	1958
Mazzei, Anthony Ronald Peter	1962	Polgreen, Rodger William	1964
Meaney, Lance Amadei	1962	Pope, David Floyd	1958
Measday, John Cleveland	1943	Pope, Peter Ray	1962
Medlow, Ronald George	1954	Porra, Robert John	1953
Meegan, Peter	1951	Porter, Kenneth Symes	1935
Mensforth, Paul Alfred	1960	Potter, Elizabeth	1963
Merry, David John	1963	Potts, Frank Desmond	1951
Meyers, John Robert	1958	Preece, Malcolm Stewart	1954
Michaels, Donald Ernest	1941	Prendergast, Robert William	1966
Middlemiss, Brian Robert	1951	Pride, Geoffrey William	1961
Mildren, Brian Frederick	1944	Priess, Richard John	1941
Millar, Bruce George	1960	Prisk, Colin John	1962
Miller, Heather Joyce	1948	Pritchard, Helen Bessie	1968
Miller, Meredith Joy	1966	Frosser, Malcolm Geoffrey	1948
Miller, Robert Lionel	1956	Prowse, Helen Christine	1955
Mitchell, Donald Graham	1944	Pullman, Joy Elaine	1964
Mitchels, John Roger	1954	Purches, John Alfred	1965
Mittiga, Tommy Michael Archangel	1961	Quintrell, Laurence Neil	1947
Montgomery, Gillian Pentland	1955	Raimondo, Frederick	1959
Moriarty, Daniel Francis	1951	Raimondo, John Joseph	1961
Moriarty, Vincent John	1957	Ramsay, Douglas	1966
Morony, Graham Tylor	1955	Ramsay, Colin Bruce	1934
Mosel, Donald	1945	Ramsay, Maxwell George	1950
Moyse, Robert Mervyn	1964	Ramsay, Mollie Aileen	1953
Mudie, Robert Charles Wedderburn	1952	Randell, William Richard	1942
Mudie, Stuart Mayelston	1953	Rankine, Ian Jeffrey	1940
Mugg, Gordon Murrie	1940	Raud, Rudolf	1942
Munvard, Patricia Carlene	1957	Rauth, William Heseltime	1955
Mutton, Barbara Marjorie	1966	Ravasi, Louis	1941
Nagy, Akos	1957	Redmond, John William	1961
Naughton, Ann	1965	Reid, Betty Lorna	1958
		Reid, Colin Liston	1949
			1954

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	1939	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	Thredgold, John Lewis	1960
Russell, Alan Alexander	1947	Tiver, Lloyd Charles	1937
Russell, John Wayne	1965	Tomeo, Charlie	1966
Russell, Norman	1950	Tomlinson, Janet Rosemary	1957
Ryan, Molly Hazel	1942	Tonkin, Peter Richard	1942
Ryder, Carlene	1966	Townsend, Graham Rosslyn	1952
Ryder, John Bernard	1943	Tregilgas, Bruce Burnett	1957
Saies, David	1954	Trevelyan, Denys Murray	1948
Salman, Harry William	1934	Trowse, Donald Desmond	1965
Salmon, Walter Kenneth	1966	Trummer, Anthony George	1955
Sansom, Lloyd Norman	1963	Trummer, Judy Charlotte	1966
Sawyer, Trevor Joseph	1955	Tulloch, Roger James	1949
Scarman, Graham Alwyn	1954	Turner, Ross Walter	1959
Schocroft, John Charles	1953	Tyler, David John	1960
Schoff, James Alec	1958	Upton, James Harold Charles Hughes	1938
Schroeder, June Adele	1951	Upton, Robert Maxwell William Alexander	1951
Schuetze, Robert John	1962	Valente, Giulio	1955
Schultz, Barry Robert	1962	Vartuli, Giuseppe	1964
Schultz, Francis John	1940	Vetch, Robert Henry	1951
Scrivener, Bruce Allan	1952	Venning, Claude Meadows	1940
Scrivener, Desmond Arthur	1950	Vickery, Heather Gloria	1966
Shapter, William Evan	1944	von Doussa, Kathleen Gwendoline	1949
Shaw, Peter	1962	Wakefield, Meredith Elaine	1966
Shepherd, Peter	1940	Walker, Brian Gilbert	1962
Sheliffe, Reginald George	1936	Walker, Graham John	1961
Shinnick, John Roger	1959	Walker, Leonard Frank	1936
Short, Lynette Margaret	1952	Walker, Raymond Charles	1943
Shute, Leslie Norman Keith	1955	Wall, Kenneth	1936
Siggins, Ronald Hewitt	1938	Wallace, Malcolm Gladstone	1958
Simcock, Gerald Cyril	1953	Wallace, Peter William	1966
Simon, John Ross	1951	Walsh, Afton Peter	1937
Skews, Thomas Nisbett	1952	Walsh, Zeta Mary	1934
Skull, David Geoffrey	1961	Wandke, Brenton Graham	1955
Skurray, Ronald Anthony	1960	Ward, Clyde Hedley Charles	1948
Sleep, Frank Ronald	1945	Ware, John Brian	1950
Smith, Brian Robert	1963	Warnecke, Drennan Paul	1949
Smith, Frederick Brian	1960	Warnecke, Peter Gerald	1952
Smith, Graham Reginald	1934	Warner, Peter John	1965
Smith, Heather Belle	1957	Warren, Donald Spencer	1951
Smith, John Brooke	1965	Washington, Neville Elliott	1958
Smith, Mervyn Keith	1939	Waters, Robert William	1958
Smylie, Gordon McInnes	1940	Watson, Colin Hubert	1955
Smylie, Neil Lawrence	1950	Watson, John Myers	1949
Somerville, Peter James	1960	Watts, John William	1938
Somogyi, Laszlo	1956	Watts, Robert Neville	1955
Sorrell, Leonard Martin	1942	Wauchope, Alan Wylie	1941
Southern, David Michael	1959	Wayne-Smith, Elizabeth Andrée	1964
Southern, Sydney Anthony	1950	Webb, Donald Ralph	1943
Sowry, Kerry John	1962	Webber, Brian Earl	1952
Spafford, Rex Netherton	1939	Weedman, Dale Elton	1954
Sperber, Allan Lynton	1952	Weir, Nancy Mavis	1963
Spick, John Vaughan	1957	Weller, Reginald Lancelot Elon	1953
Spurling, Peter Michael	1958	Wellington, Nancy Catherine	1944
Stain, John Wright	1949	Wescombe, Peter George	1953
Stals, Mara	1965	West, Lionel Thomas, M.B.E.	1952
Standish, Donald James	1955	Westerman, Penelope	1966
Stanfield, Pauline	1960	Wheaton, Frank Hurtle Pengetley	1948
Stanley, Patricia Dorothy	1954	Wheeler, Eric Henry	1942
Starr, Barry John	1962	Wheeler, Reginald Gordon	1944
Statton, Bruce Arthur	1943	Whitelum, Donald Lindsay	1959
Stedman, Paul George	1952	White, Brian Kenneth	1957
Stephens, James Stanley	1960	White, John Carew	1940
Stevens, James Leonard	1966	White, John Matthews	1941
Stock, Beresford Hannam	1947	Wiesner, John Alexander	1963
Stock, Dianne Christine	1962	Wickes, Ronald John	1941
Storen, Walter Joseph	1951		

Wight, Kathleen Desma	1966	Woods, Meredyth Tenison	1962
Wigley, Tom Joseph	1934	Woolford, Lewis Maxwell	1951
Williams, Allan Ross	1956	Woollard, Mervyn John	1935
Williams, Brian Norman	1954	Woollard, Michael Jon Winston	1962
Williams, Edward Francis	1947	Wormald, Colin Lyle	1962
Wilson, Beryl Maud	1951	Worthington, Ralph Henry	1953
Wilson, Donald Kenneth	1951	Wright, Glen Robert	1966
Wilson, Michael Minell	1956	Wurn, Peter Sinclair	1953
Wilson, William Fraser	1941	Wyld, Robert Bowen	1950
Wilton, Michael	1964	Young, Geoffrey David	1962
Wohlfarth, Robert William	1965	Zander, Frank Howard	1941
Wood, Ian Barclay	1962	Zilm, Lorraine Betty	1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Harris, Cyril Eric McGillivray	1949
Andrews, Judith Mary, B.A.	1958	Haselgrove, Margaret Ann	1958
Angove, Margaret Carlyon	1942	Haslam, Anne	1947
Ashbolt, Winifred Joy	1948	†Haste, Ada Louise (1941)	1942
Astley, Joyce Mary	1947	Hayter, Joan Nelson	1948
Austin, Meredith Helen	1959	Heffernan, Helen Margaret	1949
Bails, Ruth	1943	Helman, Eve	1947
Baker, Mary Elizabeth	1947	Henderson, Barbara	1947
Bakewell, Joan Helen	1951	Henderson, William Lionel	1959
Bali, Heather	1951	Hicks, Elizabeth Joan	1950
Ball, Iris Marguerite May	1949	Hill, Josephine Margery	1950
Bates, Nancy Patricia	1947	Hogben, Elizabeth Cole	1948
Bayer, Josephine Kent	1944	Hone, Jillian Raymond	1956
Benjamin, Eric	1949	Hope, Marjory Frances	1947
Bidwell, Dorothy Gwendoline	1949	Horton, Robert Ralph, M.B., B.S.	1957
Boehm, Claire Edith	1951	Howe, Ameera Patricia Shirley	1956
Bosworth, Catherine Jean	1947	Hunter, Geoffrey Norman	1950
Bowen, Mary Alice	1957	†Hunwick, Maureen Mary (1938)	1942
Bowen, Suzanne Joan	1944	Hutchinson, Yvonne Francis	1949
Bruer, Brigid Hilda	1957	Jackson, Iris Ellen	1949
Buckley, Hannah	1942	Jacobs, Eleanor Caroline	1944
Burnett, Ronda June	1949	James, Helen Margaret, B.A.	1943
Burns, Margaret Ternouth	1945	Jenkins, Merle Nona	1950
Carlton, Eileen Grace Sally	1953	John, Ian David	1956
Carthew, Margaret	1948	Johnson, Marjorie Lisle	1947
Cashell, Frances Marie	1955	Jones, Albert Richard	1949
Cavalier, Elizabeth Mary	1944	Kay, Franziska Clara	1948
Chong, Catherine Chee Kin	1956	Kempe, Merridy Henderson	1948
Clark, Caroline Emily	1949	Kennedy, Marjory May	1954
Clark, Walter Frederick	1950	Kerr, Olwyn Gertrude	1948
Clay, Geraldine Ann	1958	Khoo, Beng Choo	1959
Clegg, Donald Stanley George	1950	Lawrence, Robert John, B.A.	1953
Cleland, Pamela Mary, B.A.	1949	Lean, Shirley Doris	1949
Clucas, Gwendoline Ivy	1944	LeCornu, Barbara Joy	1949
Cope, Joan Maxine	1951	Leonard, Mary Jocelyn	1960
Cornish, Mary Esther	1947	Lewis, Ruth Pamela	1949
Crook, Marjorie Marion, B.A.	1948	Linsell, Nina Constance	1959
Crosby, Heather Bembrick	1945	Liston, Doreen Bice	1950
Crouch, Lilian Rubena	1948	Lorking, Diana Pauline Elizabeth, B.A.	1950
Cuddihy, Geoffrey Thomas	1952	Lovibond, Sydney Harold	1949
Cuthbertson, Grace Joy	1953	†McDonald, Jessie Angus (1939)	1942
Cutten, Judith Ann	1959	McEachern, Heather Campbell	1956
†Davis, Phyllis Evelyn Eva (1941)	1942	†McIntosh, Florence Mary (1938)	1942
Daw, Rosalind Anne	1957	McGlaughlin, Helen	1948
Dermott, Veda Rosemary	1957	†McKail, Mary Boyer (1938)	1942
Dixon, Beryl Joyce	1957	MacKay, Annette Frances	1942
Dobson, Lesbia Constance Alma, B.A.	1947	†Macklin, Nancy Marie (1940)	1942
Douglas, Christine Gordon	1948	MacLennan, Flora Joy	1942
Douglas, Sonia Yvonne	1956	McPherson, Margaret Helen, B.A.	1953
Dow, Anne Eleanor	1949	Maddigan, Pauline Anne	1954
Duncan, June Valerie	1954	†Marcus, Patricia Langman (1938)	1942
Dutton, Léonie	1959	Marsden, Elizabeth Ann	1953
Edwards, Alison Joy	1957	Mathews, Rita Clarice	1948
Ellis, Joan Mary	1950	Matters, Barbara Frances	1948
Featherstone, Dora Bewley, M.A.	1942	Matz, Marilyn Anne	1959
Fitzgerald, Gwenyth Joy	1952	Maund, Doreen Rhoda	1951
Flett, Phyllis Margaret	1948	†Mengerson, Margaret (1939)	1942
Fong, Yin Kam	1953	Mercer, David Jeffrey	1948
Forrest, Ida Jean	1949	Michell, Aithnah Howard	1950
Fox, Alison Frances	1947	Miller, Barbara	1956
Fox, Imogen Dymphna	1955	Modra, Pamela Marie	1956
Garran, Elisabeth Rosemary, B.A.	1955	Moseley, Claire Elizabeth	1957
Gault, Yolande Mary	1949	Mowbray, Brenton George	1958
Glastonbury, Albert Angus	1955	Mune, Marie Elizabeth, B.A.	1954
Gow, Alwyn Mona King	1950	Nairn, Phyllis	1948
Graham, Elaine Alston	1951	Nankivell, Diane	1948
Griffith, Elsie Mervyn	1948	Noble, Joy Beryl	1948
Guinand, Marie Louise	1955	Osterman, Ingrid Gwendoline	1951
Habib, Mary Lorraine	1951	†Paine, Helen, B.A. (1940)	1942
Hallett, Rosamund	1951	Paine, Janet, B.A.	1949
Halis, Christobel Heather Susannah	1949	Parker, Thelma Margaret	1948
Hambidge, Margaret Cecile, B.A.	1942	Parkinson, Joan	1958
Hamilton, Diana May	1954	Pascoe, Noeleen Deidre	1952

† See footnote at end of list.

Perrins, Pamela Aileen	1953	Streicher, Joan Patricia	1950
Plunkett, Margaret Elizabeth	1948	Sugg, Madge	1947
Plush, Helen Marie	1956	†Sullivan, Margaret Rendle, B.A. (1941)	1942
Polkinghorne, Patricia Margaret	1951	Tai, Marlene	1945
Pope, Kathlyn Hilary, B.A.	1953	Tan, Sock Kia	1959
Porter, Margaret Leishman	1949	Tarbath, John David	1950
†Prince, Beryl Lloyd (1940)	1942	Teasdale, Margaret Jean	1952
Reed, Margaret Kathleen	1942	Teate, Elizabeth	1950
Reynolds, Lilo, B.A.	1952	Thomson, Joanna Roberta	1947
Ringwood, Pamela Elsie, B.A., LL.B. (Sydney)	1958	Thomson, Reginald	1949
Roberts, Barbara June	1950	Tilemann, Rosemary	1957
Roberts, Luke Vincent	1949	Tipping, Barbara Gertrude	1944
Rushton, Jennifer Fielding	1954	Tothill, Judith Windebank, B.A.	1953
Russell, Brenda Amanda	1949	Travers, Ellen Gertrude	1955
Sadleir, Barbara Isabel	1954	Trotter, Eileen Mary	1947
Salter, Amy Vivien Fulton	1945	Turner, Margaret Patricia	1954
Sandford, Patricia Mary	1947	Tyson, Donald Gordon	1959
Sandford-Morgan, Rosemary Linton	1949	van Raalte, Winifred	1947
Sard, Helen Riddoch	1953	Vincent, Ivan Leonard Ray	1952
Schmidt, Thekla Naomi	1947	Walters, Margaret Ward	1947
Seedsman, Lorna Joan	1956	Warner, Joan	1951
Serradura, Anthony Alexander	1953	Warneest, Jean Alice	1949
Shaw, Margaret Pointon	1945	Waters, Lesley Brenda	1947
Silk, Beatrice Mary Mounsey	1945	Waterman, Collette	1944
Simes, Maysie Hall	1948	Wemyss, Glenys Maisie	1951
†Slade, James Francis (1939)	1942	Whitehead, Millicent Alma, B.A.	1949
Smith, Ebery Hamilton	1956	Whittington, Anne, B.A.	1951
Smith, Graham Frank	1948	Wicks, Nancy Elizabeth	1947
Sobey, Iris Beatrice, B.A.	1947	Wilmot, Edith French, B.Sc.	1944
†Stanton, Anne (1940)	1942	Wilson, Shirley Cameron	1950
Stephen, Winifred Grace	1947	Winter, Eva Bertha	1951
Stevenson, Margaret	1947	Winter, Lewis Walter	1948
Still, Joan Eunice	1961	Wollaston, Julienne Kinmont	1954
Stock, Colin Rendle	1949	†Woods, Irene Constance (1938)	1942

† Gained the diploma of the S.A. Board of Social Study and Training in the year shown in brackets

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
Bagshaw, Dale Margaret, B.A.	1964	Kernick, Lorraine Maria Catherine	1963
Barker, Natalie Ruth	1963	Killington, Gary Milton	1963
Bateman, Ronald Charles	1964	Kronberger, Julia Jane	1966
Bird, Catherine Campbell	1963	Lakstigala, Lauma Edite	1965
Bleby, Peter Bryan	1966	Lewis, Diana Grenfell	1966
Bonnin, Patricia Avis	1966	Lewis, Ian James	1966
Bull, Lorna Adelene	1964	McInerney, Margaret Anne	1965
Burnard, Robin	1960	McKittrick, Coral Yvonne	1961
Butcher, Verity Elizabeth	1965	McMichael, Alison Stuart	1966
Clarke, Bernard Angus	1963	Mander, Barbara Anne	1963
Clarkson, Phyllis Anne	1963	Markwell, Sally Patricia	1965
Cohn, Juliet Elizabeth	1963	Marvell, Janet Christine	1966
Cooke, Helen Elder	1966	Meaney, Jillian Olga	1963
Cutten, Annable Jean	1963	Metcalfe, Heather Joy	1965
Dermott, Veda Rosemary	1959	Miels, Patricia Joan	1966
Deutscher, Pauline Elizabeth, B.A.	1966	Miller, Christine Elisabeth	1963
Douglas, Rosemary Lillian, B.A.	1961	Moore, Barbara Grace, M.A. (Melbourne)	1960
Duncan, Cynthia	1964	Morgan, Lester Joy	1966
Dunn, Jeanette Anne	1966	Mullins, Annabel Joy	1966
Edgar, Prudence Jane	1965	Murrie, Elizabeth Gordon	1965
Engler, Beryl Edna	1966	Nance, Graham John	1962
Eu, Sim Choon	1966	Neighbour, Gabrielle Lawrence	1966
Forwood, Kathleen Meta	1964	Nicholson, Janet Lesley	1966
Frost, Josephine	1964	Noble, Jack Morton	1962
Gameau, Brenda Dianne	1965	Parker, Frank Connell	1964
Garbett, Carolyn Stewart	1966	Pearce, Judith Helen	1966
Gay, Patricia Emma	1961	Phillips, Anne Gordon	1966
Gaze, Belinda Jane	1964	Pope, Geoffrey Weston, B.Sc.	1965
Goh, Kia Ngan, David	1966	Potter, Pamela Du Rieu	1963
Golley, Alison Mary	1962	Price, Lorraine Ruth	1959
Good, Elizabeth Ruth	1963	Rice, Peter Melville	1963
Graham, Janice Helen	1966	Scott, Diana Steele	1964
Griffiths, Pamela Joy	1966	Shaughnessy, Carolyn	1966
Haessler, Michael John Rowland	1963	Shepherd, Philippa Jan	1964
Hallett, Janet Cameron	1966	Smith, Beverley Jillian	1966
Hardy, Margaret Anne	1962	South, Jane Helen	1964
Harris, John Vivian	1962	Southgate, Jocelyn Margaret	1963
Harry, Jenifer Priscilla	1964	Strehlow, Shirley Rosamunde	1965
Heddle, Margaret Ann	1966	Tan, Terry Andrew	1961
Hemer, John Murray	1962	Teo, Joo Choo	1965
Hicks, Anne Margaret	1965	Thyer, Jillian	1965
Higgins, Anthea Mary	1961	Treagus, Elaine Mary	1966
Hines, Judith Helen	1963	Twin, Arlene May	1966
Hodgson, Dianne Marie Emma	1965	van Deth, Eveline	1965
Holland, Terence Joseph	1960	Walton, Shirley-Anne Campion, B.A.	1965
Hollidge, Lesley Faith	1966	Watkinson, Patricia Anne	1966
Hughes, Patricia Cliddon, B.Sc.	1960	Weir, Harold Gibson	1963
Hughes, Philippa Gwynne	1965	Wordie, Elizabeth	1965
Hughes, Rosalind Selwyn	1964	Worrell, Wendy Deirdre	1965
Inglish, Christine Audrey	1966	Yeo, Khee Bee	1964
Inglish, Helen Daphne	1966	Yeo, Kim Seok	1961
Jamrozik, Adam Wladyslaw	1966	Yeo, Thiam Teng	1965

ASSOCIATES IN PHYSIOTHERAPY

Abbie, Margaret Helen	1963	Gillman, Meredith Eldred	1958
Ackland, Helen Harrington	1958	Glover, Patricia Joan	1961
Adams, Jill Patricia	1962	Goesch, Jennifer May	1965
Addison, Geraldine Mary	1960	Goldsack, Jenifer Ann	1960
Anderson, Doreen May	1958	Goodes, Robyn Annette	1964
Appleby, Dorothy Dawn	1950	Graham, Alison Margaret	1960
Apps, Meredith Mary	1965	Graham, Ronald Kirkwood	1953
Ashton, Barbara Jean	1953	Grant Williams, Juliet Dorothy	1965
Ashton, Virginia Margaret	1964	Gray, Gary Colin	1953
Askwith, Elizabeth Mary	1966	Gray, Janet Lesley	1950
Avery, Elizabeth Margaret Austin	1966	Gray, Jennifer	1962
Badge, Helen Elizabeth	1960	Gray, Jule Marie	1951
Bagot, Elizabeth Marian	1966	Guy, Elizabeth Joan	1963
Banks, Athalie Isabelle	1951	Ham, Helen Prudence	1954
Banks, Garland	1951	Hamilton, Sally Nancy	1958
Barclay, Alison Mary	1960	Hammond, Marie Joan	1951
Barker, Janet	1965	Hannaford, Claire Anne	1949
Barkley, Mary Louise	1966	Hannaford, Frances	1965
Barlow, Margaret Jean	1958	Hardy, Barbara Mansell	1946
Barnett, Mary-Elizabeth Anne	1964	Hardy, Claire Jeanette	1965
Barnett, Patricia Clare	1966	Hardy, Mary Mansell	1951
Beech, Alison Erica	1954	Harper, Lynne Crofton	1966
Begg, Jenny Isobel	1949	Harrod, Susan Elizabeth	1964
Begg, Pauline	1951	Haskard, Robin Lindsay	1954
Betts, Elizabeth Ann	1964	Hart, Julie Diana	1965
Birks, Prudence Carleton	1963	Heaver, Merron Coulson	1965
Biven, Mabel Audrey	1947	Heysen, June	1948
Blake, Jillian Heather	1956	Hill, Margaret Anne	1966
Bloor, Hellyne	1961	Holder, Charlotte Ruth	1949
Bowden, Margery Helen	1960	Hole, Rachel Agnes	1962
Bowman, Kathleen Mary	1952	Hosking, Elizabeth Mary	1957
Brady, Kevin James	1953	Humphry, Mary Louise	1962
Branson, June Maxine	1948	Hunwick, Janet Margaret	1964
Broad, Donald Ivor	1954	Illman, Elizabeth Lynn	1966
Brooks, Dorothea Joan	1956	Jackson, Pauline Kay	1963
Burnard, Elizabeth Glen	1963	James, Christine Roberta	1964
Burns, Stephanie Ellen	1965	Jamieson, June Edna	1953
Burrows, Susan Joy	1962	Jay, Judith Helena	1947
Butler, Barbara Christine	1964	Jennings, Jill Gellibrand	1947
Chambers, Ruth Alva	1955	Job, Kathleen	1950
Chapman, Margaret Ann	1957	Johns, Gordon James	1946
Chapple, Margaret Anne	1962	Johnstone, Heather Joy	1958
Chittleborough, John James	1952	Jones, Alison Mary Herbert	1948
Clark, Genevieve Mary	1950	Jordan, Hilary Anne	1951
Clark, Jenifer Margaret	1954	Juttner, Susan Elizabeth	1953
Clark, Jennifer Elaine	1955	Karpenko, Tatiana	1961
Clarkson, Josephine Mary	1965	Karpenko, Zoya	1961
Collins, Doreen	1946	Kelly, Francis Simeon	1949
Colliver, Judith Mary	1947	Kinsman, Alison Joan	1949
Copley, Fay Muriel	1948	Klutke, Eric Willi	1953
Cornell, Janet-Clare	1956	Laffer, Erica Merle	1952
Cornish, Barbara Jean	1957	Lake, Joan	1946
Cornish, Gwenneth Kathleen	1957	Laver, Dorothy Margaret	1948
Creswell, Joan Elizabeth	1951	Lawrence, Susan Mary Craig	1965
Crisp, Rosemary	1956	Leslie, Janice Laurel	1958
Crocker, Colleen Ann	1958	Lim, Tai-Giok	1965
Cross, Geraldine Frances	1954	Limbirt, Jeanette	1960
Crowe, Helen Katherine Margaret	1948	Livingstone, Joanne	1965
David, Irene Rose	1964	Lloyd, Rosemary Anne	1962
Davys, Barbara Ramsay	1951	Lokan, Janice Mary	1964
Deverson, Claire	1961	Luke, Anne Elizabeth	1966
Dicker, Pamela Georgine	1962	McArthur, Judith Ann	1958
Dicker, Patricia Margaret	1958	McAuliffe, Margaret Muriel	1960
Dingle, Elizabeth Ridgway	1960	McCandless, Rosalind Elizabeth	1953
Donaldson, Robert Gordon	1948	McCarthy, Adrienne	1964
Dow, Diana Caroline Sandland	1947	McEachern, Jean Campbell	1958
Downs, Margaret Roslyn	1961	McEachern, Margaret Campbell	1963
Doyle, Christine Mary	1964	McElroy, Margaret Joyce	1950
Duncan, Julie	1964	McGrady, Rosemary Annette	1959
Dunkley, Barbara	1952	McKay, Margaret	1962
Dunning, Barbara Kathleen	1963	McKenzie, Helen Margaret	1966
Dunning, Beverley Constance	1958	McKeough, Margaret Joan	1957
Dwyer, Margaret Rosalind	1958	Mackie, Margaret Irene	1950
Evans, Margaret Wynne	1956	McLennan, Fay Masie	1951
Fielder, Ethel Kathleen	1948	McPhee, Aileen Tempe	1949
Filander, Sondra Kay	1964	Macrae, Wendy Sue	1961
Fisher, Joan Elizabeth	1957	Maitland, Geoffrey Douglas	1949
FitzPatrick, Eril Margaret	1950	Maloney, Patricia Kathleen	1950
Follett, David James	1953	Manuell, Janet Mary	1966
Frankcom, Rhonda Patricia	1952	Marshman, Margaret Felstead	1946
Fricker, Muriel Vera	1948	Martin, Janet Mary	1965
Frith, Colleen Beverley	1965	Martin, Jill Sherwood	1961
Gardner, William James	1960	Messent, Helen Sando	1960
Gault, Averil Margaret	1949	Meyer, Carlien Allisarde Ripley	1952
Gemmell, Rae St. Clair	1958	Meyer, Rigmor Stewart	1948
George, Elaine Fay	1961	Miller, Barbara Anne	1964
Gibson, Pauline Janet	1956	Mitchell, Dorothy Christine	1948
Gilbertson, Jean Margaret	1963	Moore, Margaret Suzanne Alice	1945

Moore, Virginia Joyce	1952	Shearer, Jocelyn Joan	1962
Morley, Mary Elizabeth	1946	Showell, Jacqueline Mary	1963
Morris, Suzanne Beatrice	1949	Simpson, Jean Katie	1952
Moulden, Gillian Mary	1960	Simpson, Rae David	1951
Myers, Janice Kaye	1963	Simons, Aileen Mary Grace	1957
Navakas, Aldona Victoria	1957	Sims, Enid Helen	1950
Naylor, Penelope Joan	1965	Singh, Pritam	1960
Neaylon, Carmel Mary	1960	Skewes, Dianne Kay	1966
Newland, Elizabeth Creswell	1961	Skewes, Judith Anne	1963
Newton, Margaret Betty	1950	Smith, Elaine Lockhart	1946
Niehuus, Diana Ruth	1965	Snow, Frances Mary	1955
North, Laura Pearl	1964	Sopp, Maxwell John	1958
O'Brien, Helen Marie	1965	Southam, Catherine Mary Rose	1956
O'Connell, Barbara	1952	Springbett, Janice Patricia	1963
Opie, Heather Francis	1965	Starr, Judith Anne	1954
Page, Helen Mary	1961	Stoddart, Lorraine Mary	1951
Paige, Maxwell John	1949	Stokes, Meredith	1962
Parsons, Jill Angus	1958	Supple, Harvey Walter Thomas	1958
Parsons, Stephanie Ethel	1961	Stump, Angela Withrington	1961
Peart, Norman Andrew	1964	Sweet, Helen Janet	1965
Pedler, Hatherleigh Jane Lorimer	1962	Symonds, Helen Lorna	1960
Pengilly, Susan Lisbeth	1957	Taylor, Christobel Jane	1952
Petchell, Dorothy May	1960	Taylor, Katherine Lillian	1964
Pfitzner, Maxwell Clemens	1966	Taylor, Margaret Anne	1952
Phillipps, Margaret Jean	1945	Taylor, Margaret Jane	1960
Phillips, Julie Gordon	1964	Taylor, Margaret Mary	1952
Phillis, Maureen Alfreda	1962	Thomson, Janet Elizabeth	1951
Pierotti, Margaret Brown Halley	1955	Thomson, Rae Madelienne	1964
Pill, Barbara Elaine	1958	Thorpe, Barbara Joy	1957
Pinder, Judith Ann	1954	Thorpe, Heather Evelyn	1957
Piper, Rosemary Lillecrapp	1954	Toft, Jan	1956
Pitcher, Anne Barton	1951	Tosolini, Gwen Corinna	1951
Pitchon, Irene	1966	Tregezoza, Ann Irvine	1956
Plush, Lesley Margaret	1949	Trott, Patricia Helen	1963
Polomka, Genevieve Joan	1957	Viksna, Velta	1955
Porter, Rosemary Anne	1965	Vincent, Jillian	1957
Preston, Pauline Rowland	1949	Verco, Margaret Katherine	1965
Price, Joanna	1960	Vogt, Janette Helen	1964
Radford, Margaret Ann	1956	Waddell, Margaret Jean	1945
Reynolds, Peter John	1960	Walford, Joan Louise	1957
Rice, Miriam Joan	1958	Walker, Judith Nora Mudie	1958
Richards, Philippa Mary	1966	Walker, Margaret Gail	1964
Rischbieth, Anne Helen	1950	Walker, Patricia Elizabeth	1963
Roach, Valerie Eyre	1949	Wall, Ellen Winifred	1953
Robertson, Elspeth Mignon	1965	Warmington, Leonie Eve	1961
Robertson, Mary Douglas	1947	Waterhouse, Jane Hardey	1953
Robinson, Josephine Ann	1964	Watts, Alison Janet	1962
Rofe, Margaret Jean	1950	Webb, Nancy Joan	1958
Ross, Susan Mary	1947	Whicker, Joan Doreen	1954
Rowe, Suzanne	1966	White, Jenifer Judith	1954
Rumball, Kathleen Janet	1955	White, Ruth Rosanne	1956
Russell, Rosemary Alisanne	1961	Wicks, Claire Hampton	1947
Rutt, Philippa Prentice	1965	Williams, Margaret Jean	1961
Rzeszkowski, Lois Morna	1946	Willis, Elizabeth Mary	1960
Salmon, Margaret Besley	1945	Wilson, Earle Elliot	1958
Sandow, Maxwell George	1952	Winnall, Ann Mary	1964
Sawley, Helen Jean	1963	Wood, Judith Mary	1953
Schafer, Enid Alice	1962	Woodruff, Susan Lyndsay	1965
Sharp, Janet Dianne	1960	Woolcock, Susan Jane	1963
Shaw, Julie Margaret Rodas	1962	Wylde, Annette Eustace	1947
		Young, Margaret Alison	1960

ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond	1960	Armstrong, Peter John	1964
Adams, Brian James	1965	Arnold, Lea Catherine	1964
Adams, Colin Travers	1962	Arthur, Kateryna	1965
Adams, Ian Sorby	1959	Ashenden, Dean John (surrendered 1964)	1962
Adams, James Harold (surrendered 1964)	1961	Ashenden, Edward Scott	1961
Adams, Malcolm Thomas	1952	Ashton, Walter Ray	1950
Adey, Kym Lewellyn	1966	Aspinall, Nancie Jean	1951
Ahrens, Elsie Gladys (surrendered 1955)	1951	Atkin, Jack Taylor	1955
Aitchison, John William	1963	Aubert, Graham James	1958
Alexander, Stuart Dixon	1952	Auhl, Ian Leslie	1952
Allard, Victor John	1965	Aylesbury, Colleen Valma Grace	1959
Allen, Mary Magdalene	1965	Baddams, Alfred William	1962
Anders, Beverley Margaret	1958	Bailey, Donald William	1956
Anderson, Welwood Leslie	1963	Bails, Dennis Graham (surrendered 1966)	1959
Andrew, Russell	1960	Bain, Barrington Walter	1960
Andrews, David Francis William	1948	Bain, Dean Rollo	1959
Andrews, Rosemary Alison	1953	Baird, Alexander William	1959
Annels, Ross Maxwell	1965	Baird, Rachel Mary	1949
Appels, Louise	1966	Baker, Brian Reginald	1962
Appleby, Jane Catherine	1966	Baker, Harvey Laurence	1960
Arbery, James Herbert (surrendered 1959)	1957	Baker, Marie Elisabeth	1966
Argyle, Barry	1954	Bald, Percy Melville	1964
Armitage, Fessie Eleanor Mildred	1949	Ballantyne, Christopher George Henry, B.Sc.	1966
Armitage, Janet Irene	1966	Ballingrie, Marie Elizabeth (surrendered 1966)	1965
Arnour (nee O'Leary), Patricia (surrendered 1966)	1950	Banks, Jessie Mary	1962
		Barclay, Barry Ballington	1957

Barker, Leon James Frank	1952	Bruggemann, Richard Norman	1966
Barker, Nancy Elizabeth	1961	Bryson, Margaret Elise (surrendered 1966)	1964
Barr, Gweneth Janet	1957	Buchanan, Nedra Maurine	1966
Barr, Trevor Frank (surrendered 1966)	1961	Buick, William George (surrendered 1956)	1950
Barr, Trevor Marshall	1961	Bull, Keith Charles	1962
Barratt, Christopher Holland	1961	Burfield, Gillian Elizabeth	1963
Barrett, Donovan Thomas	1959	Burfield, Margaret Elizabeth	1956
Barrett, Wendy Joan	1964	Burfield, Philip Allan	1961
Barry, Anne Madeleine	1963	Burford, Lynette (surrendered 1966)	1965
Bartley, Helen Louise (surrendered 1962)	1959	Burgan, Owen Sylvester	1948
Bartram, John Douglas	1962	Burgan, Owen Thomas Sambell	1963
Bastian, Elwin Scott (surrendered 1956)	1952	Burger, Janette Ann	1958
Baurochse, Thomas Robert George	1965	Burley, Betty Ellanora Dawn	1951
Bawden, Maxwell John	1958	Burnard, Charles Robert	1948
Baxter, Ladishu Edward	1949	Burns, Esther	1948
Bayly, Elizabeth	1948	Burns, Robert Alexander	1951
Beare, Lynden Day (surrendered 1960)	1955	Burrow, Joy Rosemary	1964
Beare, Lynette Barbara	1959	Burrows, Natalie Joyleen (surrendered 1966)	1964
Beasley (nee Ford), Beverley	1958	Burton, Lorraine Anne	1961
Beasley, Victor John (surrendered 1957)	1955	Burville, Thomas George Theodore	1952
Beaton, Kenneth Murray	1958	Bury, Warren Richard (surrendered 1965)	1963
Beaty, Arnold Keith	1952	Butcher, Colin Sydney	1951
Beaumont, Dorothy Mary	1963	Butler, Francis James	1948
Beck, Judith Ann	1965	Butler, Kenneth	1963
Becker, Roy Colin (surrendered 1965)	1959	Button, Trevor Martin	1966
Beckwith, Robert John	1966	Buttrose, Stroma	1951
Beer, Peter John	1961	Buxton, Gordon Leslie (surrendered 1962)	1955
Beer, Robin Phillip	1965	Byerley, Ernest William	1963
Beiby, Shirley May	1954	Bywaters, Mary Barfield (surrendered 1965)	1951
Bell, Kenneth Robert	1961	Cadd, Paul	1961
Bennett, Henry Russell	1948	Cameron, John McFarlane	1966
Bennett, Joan	1966	Campbell, Barbara	1950
Bennett, Malcolm John Lloyd Strathmere	1965	Campbell, John Alexander	1966
Bennetts, Lloyd Neville	1963	Canning, Sessa Sunbeam	1960
Berg, Carlene Robin	1959	Carle, Judith Anne	1959
Bernard, Dorothy Adele James	1958	Carmichael, Barry Marshall (surrendered 1966)	1962
Berry, Christine (surrendered 1963)	1961	Carmichael, Donald Ross (surrendered 1950)	1949
Berry, Elizabeth-Anne	1962	Carpenter, Ivor Vernon	1961
Best, Mary Irene	1964	Carthew, Ross Ernest	1960
Biddle (nee Richards), Mary Elizabeth	1948	Casson, Peter Norman	1964
Bieske, Elaine Alison, B.Sc.	1962	Castine, Kathryn Vair	1965
Billing, Elizabeth Margaret	1960	Caudle, Julie Christine	1964
Bills, Barbara Alison	1959	Cavenett, Horace Clifford	1948
Bilske, Raymond James Robert	1966	Cerchez, Michael Stephen	1966
Binns, Elizabeth Anne	1965	Chalklen, Dorothy Anne	1964
Birks, Stuart Napier	1962	Chamberlain, Elizabeth Rose	1965
Black, Anne	1966	Chamberlain, Glen Jonathan	1965
Black, Jill	1959	Chambers, William Bruce	1966
Blacket, Muriel Kirin	1960	Champion, Dorothea Hedwig	1958
Blackman, Donald Oliver	1964	Chandler, Douglas Norman	1951
Blake, Ronald	1961	Chappel, Raylene Beatrice	1966
Bonnett, Victor Walter Lincoln	1954	Chappel, Shirley Joan (surrendered 1959)	1956
Boehm, Kaylene Mary	1960	Chapman, Kathrine Mary	1962
Borlase, Jillian Enid	1966	Chard, Geoffrey William Francis	1966
Bormann, Malcolm Carl	1959	Charlesworth, George Harvey (surrendered 1953)	1950
Bosworth, Catherine Jean	1951	Charlesworth, Jennifer Joy (surrendered 1964)	1957
Bourman, Robert Peter	1960	Charlesworth, Joan Ann	1954
Bourne, Margaret Cornelius	1949	Chettle, Alison Rosemary	1962
Bowden, Barrie Strathmore (surrendered 1966)	1965	Childs, Garry Herbert	1966
Bowden, Janet	1951	Chinnick, Richard Lionel	1954
Bowler, Mary	1949	Chirgwin, Richard Joseph	1962
Bown, Henry Theobald	1949	Chittleborough, Janet Mary	1965
Boyd, Clifford Herbert	1965	Christopher, Glensys Joan	1963
Boyd, Pamela Helen	1963	Cinzio, Aldo Guisepppe	1960
Bradock, Leslie Gordon	1964	Clancy, Peter Allan (surrendered 1962)	1953
Braendler, John Edward	1964	Clapp, Edwin Kenneth Hamilton	1960
Braham, Henry Arnold Collyer (surrendered 1959)	1949	Clark, John Stephen	1951
Brand, Janice Margaret	1962	Clark, Marjorie Hilda	1960
Brand, Valerie Mildred	1960	Clarke, Brian Russell, B.Sc.	1961
Brereton, Brian Edward	1965	Clarke, Margaret Anne	1948
Brereton, Ray Ernest	1965	Clarke, Ruth Mary	1949
Brideson, Colin Herbert (surrendered 1966)	1950	Clegggett, Brenda Fay	1965
Bridgland, Margot Elizabeth	1953	Clements, John Wreford (surrendered 1963)	1958
Bright, Esther Hollidge	1960	Clezy, Alethe Kathleen	1956
Britton, Robert John (surrendered 1966)	1960	Clifford, Joyleen May	1964
Broadbent, Colin Lindsay	1964	Clode, Jillan Fay	1966
Broadbent, Dean MacArthur	1965	Cochrane, Heather Bernice	1954
Brockhoff, Carol Faith	1960	Coggins, Harold Douglas, B.Sc.	1954
Brocksope, John Ernest, LL.B.	1951	Coggins, Jean Evelyn	1961
Brodie, Elizabeth Anne	1964	Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951
Brooks, Mervyn Leslie, B.Sc.	1965	Coker, John Godfrey	1954
Brooks, Robert John	1966	Colegate, Keith Meleng	1966
Brooks, William Charles	1963	Coleman, Mostyn John	1964
Brown, Bruce Ambrose Hampson	1960	Coles, John Lawrence	1962
Brown, Norman (surrendered 1952)	1951	Collins, Geraldine Ray	1961
Brown, Patricia Lorraine	1958	Collins, Henry Angus	1959
Browne, Murray Collis	1966	Collins, Patricia	1960
Browne, Thomas Joseph	1957		

Conley, Michael Joseph - - - - -	1963	Dillon, Naralie Anne (surrendered 1961) -	1957
Connor, Maxine Sandra - - - - -	1965	Ding, Graham John - - - - -	1961
Conroy, Frances Margaret - - - - -	1966	Dixon, James Elmslie (surrendered 1966) -	1957
Considine, Thomas John - - - - -	1950	Dobner, Coralie Ann - - - - -	1959
Conway, Brenton James - - - - -	1966	Dobner, Frederick Jack Pozieres - - - - -	1956
Cook, Colin George - - - - -	1951	Dodd, Adrienne Lesley - - - - -	1964
Cook, Dorothea Joy - - - - -	1961	Dodd, Josephine Joyce - - - - -	1962
Cook, Owen Gladstone - - - - -	1951	Dodd, Margaret Helen - - - - -	1965
Cookson, Brian James - - - - -	1966	Dodsworth, Ian Innes - - - - -	1963
Coombs, Ruby Rachel - - - - -	1953	Dolling, Alison Mary - - - - -	1960
Cooper, Rodger Keith - - - - -	1966	Dolensky, Winfried - - - - -	1965
Coppock, Alfred Arthur - - - - -	1950	Donaldson, Susan - - - - -	1966
Coram, Allan James - - - - -	1964	Donohue, Irene - - - - -	1965
Cordes, Cedric Murray - - - - -	1964	Donohue, Keith Arthur - - - - -	1965
Cornelius, Dorothy Clare - - - - -	1962	Doolan, David Angus - - - - -	1966
Correll, Meredith Anne - - - - -	1962	Dorman, Jean Alison - - - - -	1951
Cosh, Patricia Elva - - - - -	1966	Dougherty, Ronald James - - - - -	1963
Cotton, Clare Isabella - - - - -	1961	Douglas, John Robert - - - - -	1966
Couch, Pamela Lyn Stacey - - - - -	1963	Dowdell, Anne - - - - -	1961
Coulson, Rixende Edith Caroline - - - - -	1965	Dowley, David James - - - - -	1965
Coulter, Frank (surrendered 1966) - - - - -	1961	Dowley, Pamela Anne - - - - -	1962
Court, Fay Esme (surrendered 1966) - - - - -	1965	Downing, Frank Charles Richard - - - - -	1964
Cousins, Georgena Millicent (surrendered 1966) - - - - -	1949	Drilling, Dean Anthony - - - - -	1966
Couzner, Francis Keith - - - - -	1966	Driver, Bruce Edwin - - - - -	1952
Cowley, Lorine Joan - - - - -	1952	Driver, Tess - - - - -	1962
Cox, Barbara Caroline - - - - -	1962	Driver (nee Nixon), Valerie Colinette (surrendered 1957) - - - - -	1952
Cox, Margaret Helen - - - - -	1960	Drogemuller, Jillian - - - - -	1961
Cozens, Samuel Sydney - - - - -	1963	Drummond, Susan Kay - - - - -	1962
Crabb, Rex Arthur - - - - -	1965	Duance, Raymond Veer - - - - -	1965
Cracknell, Vernon John - - - - -	1959	Duell, Allen John - - - - -	1951
Craddock, David John - - - - -	1966	Duff, Donald Ralph - - - - -	1965
Crafter, Robert Roy, A.U.A. (Phys. Ed.) - - - - -	1965	Duffield, Allan Raymond - - - - -	1961
Crannaford, Barry John (surrendered 1966) - - - - -	1963	Duffield, David William - - - - -	1966
Crick, Beverley Joan - - - - -	1963	Duffield, John Richard - - - - -	1963
Crick, Pamela Anne - - - - -	1960	Dunbar, Harry Edward - - - - -	1953
Crisp, Denis Olley - - - - -	1966	Dunlop, Walter James (surrendered 1952) - - - - -	1951
Crittenden, Margaret Ann - - - - -	1965	Dunstan, Allan Frederick - - - - -	1961
Croft, Barry John - - - - -	1966	Dunstan, Arnold Edward Stanton - - - - -	1948
Croft, Frances Christine - - - - -	1966	Dunstan, John Charles - - - - -	1963
Cropley, William Haywood - - - - -	1958	Dunstan, Leonore Winifred - - - - -	1958
Cross, Jack (surrendered 1957) - - - - -	1953	Durbin, Dorothy Joan - - - - -	1966
Crotty, Margaret Audrey - - - - -	1962	Durham, Ashley Morton - - - - -	1964
Crouch, Stuart Samuel - - - - -	1956	Dutschke, Janice Joy - - - - -	1965
Crowther, Frederick John - - - - -	1963	Dyer, Frederick Stephen William - - - - -	1955
Cunningham, Barry Joseph - - - - -	1965	Dyster, Colin (surrendered 1964) - - - - -	1958
Cunningham, John Sydney - - - - -	1962	Dyster, Thomas (surrendered 1953) - - - - -	1949
Cupples, Sylvia Joyce - - - - -	1956	Earle, Marilyn May - - - - -	1962
Curran, Eileen Ann - - - - -	1966	Eckermann, Norma Marie - - - - -	1965
Curtis, Carol June - - - - -	1964	Eckert, Lexley Frank, (surrendered 1966) - - - - -	1951
Curtis, Colin Kingsley - - - - -	1965	Edge, Thomas George, A.U.A. (Phys.Ed.) (surrendered 1963) - - - - -	1961
Dadds, Brian James - - - - -	1959	Edmonds, Thomas James (surrendered 1963) - - - - -	1956
Dadloff, Amette Thelma (surrendered 1966) - - - - -	1962	Edwardes, Arthur Diedrich - - - - -	1950
Daenke, Eric - - - - -	1948	Eglington, Helen Christine - - - - -	1966
Dahl, James Oliver - - - - -	1949	Ekins, William Gray - - - - -	1955
Dalsh, Marlene Anne - - - - -	1965	Elliott, Rodney Gordon, (surrendered 1966) - - - - -	1964
Dalzell, Josephine Nicholson (surrendered 1965) - - - - -	1963	Elmering, Ebba-Christiane - - - - -	1965
Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.) - - - - -	1962	England, Barbara Winsome (surrendered 1964) - - - - -	1963
Dangerfield, Graham Lance - - - - -	1963	Erlanger, Henriette - - - - -	1962
Daniel, John Robert - - - - -	1964	Erskine, John Robert - - - - -	1964
Daniels, Jeffrey Gordon - - - - -	1965	Esselbach, Rodney (surrendered 1956) - - - - -	1953
Darby, Ruth Mary - - - - -	1949	Evans, Ben Owen - - - - -	1950
Davey, Kenneth Llewellyn James - - - - -	1953	Evans, Darral Bruce - - - - -	1964
Davies, Christine Anne - - - - -	1963	Evans, Kathleen Mary - - - - -	1965
Davies, David Alwin - - - - -	1956	Evans, Malcolm Norman - - - - -	1965
Davies, David William - - - - -	1950	Evans, Peter - - - - -	1953
Davis, Brian - - - - -	1949	Fagan, (nee Michael), Agnes Ruth - - - - -	1955
Davis, Christine Elizabeth - - - - -	1965	Farmer, Geoffrey Arthur Jessop - - - - -	1956
Davis, Frederick Harry (surrendered 1955) - - - - -	1954	Farrant, Brian Sinclair - - - - -	1965
Davis, Leo Robert - - - - -	1963	Farrow, Robert Murray (surrendered 1956) - - - - -	1950
Davy, Alma Joan - - - - -	1961	Fatchon, Winsome Genevieve - - - - -	1963
Dawe, Jennifer Judith - - - - -	1965	Faull, James Francis - - - - -	1957
Dawe, John Francis Ernest - - - - -	1963	Fechner, Ronald Kevin - - - - -	1955
Dawes, Walter Ernest (surrendered 1954) - - - - -	1949	Fehlbeg, Albrecht Joachim - - - - -	1955
Dayman, John Maxwell - - - - -	1963	Feinler, Josephine Mary (surrendered 1962) - - - - -	1958
Dean, Daniel Frederick - - - - -	1959	Fenwick, George William - - - - -	1963
Deer, Elsie Joan - - - - -	1964	Fenwick, Margaret Jean, A.U.A. (Phys.Ed.) - - - - -	1961
De Ionno, Maria - - - - -	1966	Fergusson, George Robert (surrendered 1953) - - - - -	1949
De Laine, Pamela Joy - - - - -	1966	Fewster, Ian Robert - - - - -	1964
Della-Putta, Bice - - - - -	1964	Fielke, Robert John - - - - -	1960
Delsar, Frederick William - - - - -	1949	Findlay, Anthony Robert Charles - - - - -	1963
Dempster, Beryl Joan (surrendered 1963) - - - - -	1961	Fisher, Allan Lance - - - - -	1966
Dempster, Donald - - - - -	1949	Fisher, Robert William - - - - -	1965
Dening, Patricia Joan (surrendered 1958) - - - - -	1956	Fitch, Nancy Jean - - - - -	1949
Dent, Ronald Thomas Stewart - - - - -	1952	Fitzgerald, Clarence Lindsay (surrendered 1952) - - - - -	1949
Dewar, David Gavin - - - - -	1966	Fitzgerald, Peter Lawrie - - - - -	1963
Dickinson, Gwladys Margaret - - - - -	1958	Fletcher, Diana Kay - - - - -	1962
Dillon, Gerald Alexander, B.A., B.T. (Calcutta) - - - - -	1958		

Fliszar, Beatrix	1960	Hall, Robert Arthur	1962
Flower, Richard Thomas	1963	Hallewell, Audrey Joan	1952
Floyd, Dennis Sinclair	1961	Hallewell, Heather Mary	1961
Flynn, John Leslie	1966	Halsey, Trevor Geoffrey (surrendered 1965)	1959
Fopp, Brian Paul	1959	Hamilton, Ian William	1964
Forde, Neville	1965	Hammond, William David	1952
Foweraker, Alma Muriel	1950	Hancock, Graham Allan	1965
Fowler, Ian Albert	1960	Hanks, Cynthia Rose	1959
Francis, Lindsay Edward	1961	Hanley, Heather Mary	1962
Frank, Walter	1960	Hanlon, Donald Ernest	1960
Franklin, Anthony Paul	1966	Hanlon, Maureen Annette	1961
Franks, Jean Margaret	1965	Hann, Elizabeth Ralph	1966
Fraser, John William	1963	Hannaford, Neville David, A.U.A. (Music)	1965
Friedenfelds, Ieva	1961	Hannaford, Shirley Hayler	1962
Fricke, Lourdes Victoria	1951	Hansen, Joyce Mae	1966
Friedrichs, Noel Carl	1952	Hansen, Norman Victor (surrendered 1965)	1951
Frisby-Smith, Margaret Joylene	1966	Harden, Trevor John	1966
Fuss, Patricia Joy	1959	Harper, Brian Youl	1951
Gage, Josephine Helen (surrendered 1966)	1958	Harrington, Archie	1951
Gale, Milton Ewart	1956	Harrington, Robert Ian	1961
Gallas, David Dalmain	1956	Harris, Elva Ray	1950
Galle, Reginald Victor	1951	Harris, Neville Dean	1962
Galvin, Patrick John (surrendered 1956)	1953	Harris, Suzanne Ruth	1966
Garbutt, Mary	1954	Harris, Yvonne Margaret	1962
Gare, Dorothy Lomax	1958	Harrison, June Jacqueline	1956
Garrett, Karil Mary Faith (surrendered 1965)	1962	Harrison, Marie Elizabeth (surrendered 1966)	1964
Geekie, Ronald Gordon	1955	Harrison, Mary Elizabeth	1951
Geering, Adrian Douglas (surrendered 1966)	1963	Harriss, Henry Thomas	1956
Gent, Alan Peter	1962	Hart, Arthur Philip Clarendon	1948
Gerhardy, Gordon John (surrendered 1962)	1956	Hartley, Anne	1959
Cerken, Dieter Ernst	1963	Harvey, Mary Mignon Owen (surrendered 1966)	1955
Gerner, Brian John	1965	Haselgrove, Ashlea Patricia	1966
Gerner, Gillian May	1962	Haslam, Robert Alexander	1962
Gersch, Helen Rexene	1964	Hastwell, Nita Claire	1948
Gibbs, Alfred Lewis Burnand	1948	Hatwell, Judith Mary	1962
Gibbs, Helen (surrendered 1966)	1962	Hatwell, Neville (surrendered 1966)	1960
Gibson, Helen Edith	1961	Hawes, Gwynneth June	1952
Gibson, Margaret Ann	1965	Hay, Nancy Evelyn	1952
Gibson, Pearl Sandra	1966	Hayter, Wendy Mae	1963
Giddings, Keith (surrendered 1962)	1958	Hayton, Beverley Judith	1966
Gidney, Maxine Florence	1957	Heading, Kaye	1963
Giles, James Ramsay	1951	Healy, Mary Myrtle	1960
Gill, Lesley Margaret	1965	Heaslip, Jeffrey Gordon	1966
Gillies, Elizabeth Claire	1959	Hecker, Coral Gladys	1950
Gladwell, John Neal Thomas	1963	Hefford, Ronald Keith (surrendered 1956)	1951
Glazbrook, Evelyn Marshall	1958	Heinrich, Carolyn Anne	1960
Glenn, Graham Gordon (surrendered 1958)	1954	Heinrich, Harold Gordon (surrendered 1956)	1954
Glover, Geoffrey Edward Harold	1951	Hender, Noel Rex (surrendered 1966)	1965
Glynn-Roe, Wilfrid Joseph	1948	Hennessy, Gerald Francis	1963
Gobbett, Donald Lyon (surrendered 1962)	1960	Henning, Bronwynne Christine	1965
Godwin, Suzanne (surrendered 1962)	1960	Henschke, Dennis Theodore	1966
Golding, Edmond William (surrendered 1951)	1949	Heritage, Enid Helena (surrendered 1961)	1957
Goodall, Colin Charles	1966	Herriman, Michael Lawrence (surrendered 1966)	1964
Goode, Brian	1966	Hewton, Martin Paul	1965
Goode, Joy Eleanor	1963	Heyne, Ernst Bernhardt	1960
Gooden, Christabel Anne	1961	Hicks, Deidre Marie (surrendered 1966)	1961
Goodman, Geoffrey Thomas	1962	Hicks, Lancelot Fry	1951
Gordon, Bruce Rutherford (surrendered 1964)	1960	Higgs, Margaret Mary	1959
Govier, Gerald Arthur	1963	Hill, Brian Heaton	1954
Gower, Charlie James (surrendered 1954)	1951	Hill, Jeanette Anne	1963
Grachamin, George	1966	Hill, Mary Jean	1958
Graham, John Robert	1961	Hill, Victor Arthur	1952
Grave, Rosemary Anne	1961	Hillam, Malcolm David	1962
Gray, Ian Howard (surrendered 1965)	1956	Hillier, Alister Westford	1957
Grebnoff, Antonina	1962	Hilton, Ruth	1958
Green, Ian Edward Charles (surrendered 1963)	1962	Hines, John Charles	1964
Green, Keryl Margaret	1949	Hinkly, Kenneth Paul	1960
Grierson, Kenneth William	1966	Hinxman, Robin	1963
Griffin, Margaret Elizabeth	1965	Hiskey, Juliana Mary (surrendered 1966)	1963
Griffiths, Trevor Wayne	1959	Hocking, Edward Bridgman	1951
Grigg, Marilyn Jeanette	1965	Hocking, James Whitfield	1964
Grigg, Michael Liston	1961	Hocking, Lancelot James	1966
Guerin, Albert John	1959	Hodge, Brian Jack (surrendered 1964)	1963
Guerin, Mary Eileen	1965	Hodgson, Geoffrey Arthur (surrendered 1965)	1959
Guerin, Robert	1966	Hoffart, Heironymus Frank	1966
Gunn, Catherine Mary	1950	Hogarth, Thomas Arthur	1961
Gunn, Donald Malcolm	1966	Hoile, Mervyn John	1957
Gunn, James Allan Baikie (surrendered 1959)	1963	Holme, Leon Francis George	1966
Gurry, David Cyril (surrendered 1964)	1957	Holmes, Beryl Iestina	1963
Guthrie, Helen Mary	1960	Holmes, Donald Ralph	1966
Guthrie, Roberta Jean Elizabeth	1966	Holmes, Edwin Thomas	1957
Hackworth, Anne Elizabeth	1966	Holmes, Erica Joan	1963
Haese, Kevin Arthur	1961	Holmes, Patricia Langley (surrendered 1958)	1954
Hagger, Brian Gordon	1955	Holt, John Robertson	1964
Hakendorf, Hansie St. Clair	1963	Holthouse, John Lawrence (surrendered 1966)	1962
Halbert, John Arno, A.U.A. (Phys. Ed.)	1950	Holthouse, Lindsay Charles	1966
Hall, Alan Denis	1964	Holyoak, Janet Kay	1959
Hall, Clifford Thomas Robert	1965	Honan, Margaret Colette	1959
Hall, Eryl Leone	1950	Honey, John Woodville	1961
Hall, Glenys Christine	1965		
	1962		

Hood, Ralph	1960	Kenny, Matthew Patrick	1965
Hook, Lorraine Margaret	1966	Kenyon, Gladys Ruth	1964
Hooper, Barbara Nellie	1957	Kermode, Edward Adrian Wilson	1965
Hooper, John Robert (surrendered 1959)	1956	Kernich, Norman	1962
Hopgood, Donald Jack	1961	Kesting, Norman Gustav	1951
Horne, Leonard William, A.U.A. (Phys. Ed.)	1962	Kibena, Aimi-Lethe	1958
Horsnell, Keith Constant	1954	Kiek, John Rollo	1965
Horsnell, Maurice Robert Leslie	1963	Kieselbach, Patricia (surrendered 1961)	1959
Horstmann, Elva Grace	1965	Kimber, William Harold	1948
Horwood, John	1959	Kirke, Joan Mildred	1962
Hosgood, Kathleen Gloria	1966	Kissell, Thomas Alfred (surrendered 1954)	1950
Hosking, Horace Geoffrey	1957	Kitte, Robert Frederick	1965
Hosking, William Rex (surrendered 1958)	1951	Kitto, Keith Olifent (surrendered 1965)	1959
Hoskins, Beverley Anne	1963	Klose, Delrene Mary	1963
Hossack, Lorraine Claire	1963	Klose, Edwin Francis, B.Sc.	1961
Howell, William Ewart	1950	Knight, John Michael (surrendered 1966)	1964
Howlett, Eric Douglas	1958	Knott, Kingsley Brian	1966
Howse, Brian Leonard	1964	Kohler, Bryce Leonard Percival	1955
Hudson, Nancy MacDonald	1954	Kohlhagen, Junette Frieda	1963
Hughes, John	1953	Kountoupis, Evangelia	1961
Hull, Iris Doreen	1966	Kowald, Pamela Rosalie	1963
Humphrey, Ruth Iris Marie, B.Sc.	1956	Kowalik, Henry Michael	1964
Humphreys, Minnie Rees	1960	Kraft, Patricia Mary	1959
Humphries, Arthur Cecil George	1950	Krieg, Terrence Brian	1959
Humphries, Edna Jeanine	1951	Krieg, Wendy Elizabeth	1966
Humphries, Ralph (surrendered 1961)	1959	Kroehn, Joan Margaret	1951
Humphrys, Walter Raymond	1961	Kubank, Judith Lesley	1961
Hunter, Maureen Anne	1966	Kuningas, Mara	1965
Hunwick, Margaret Anne (surrendered 1964)	1959	Laidlaw, Valerie	1956
Hussey, Francis Leitch	1950	1954)	1951
Hutchins, Robert John	1961	Lambert, Thomas Wesley	1966
Hutton, Walter William	1948	Lamborne, Maxwell Addison (surrendered)	
Hutton, Malcolm Austin (surrendered 1963)	1958	Lamacraft, Kenneth Ronald Ross (surrendered)	
Hynes, Gertrude Doreen	1955	1953)	1949
Hliffe, Rosa Lorene	1954	Lang, Peter Barry	1964
Jackson, Anne Margaret	1966	Lang, Richard Percy	1966
Jackson, Brian Murray	1966	Langford, Peter Angus (surrendered 1964)	1960
Jackson, Christine Denise	1966	Langford, Irene Eltham	1949
Jackson, Esther Mary	1952	Laphorne, Robert Ingersoll, A.U.A. (Phys.	
Jackson, John Kevin	1964	Ed.)	1963
Jackson, Murray Keith Wallace	1960	Larner, Carolyn Miriam	1964
Jackson, Peter Alexander	1962	Laslett, Barbara Rose	1952
Jakobsen, Hugo (surrendered 1954)	1952	Laslett, Rosalie Elisabeth	1963
James, Dianne Marie	1965	Lavskis, Peter Vidvud	1964
James, Richard Cecil (surrendered 1954)	1949	Lawrence, Henry Robert	1963
Jansen, Coralie Margaret	1965	Lawson, Joy Rosemary	1956
Jansen, Lesley	1960	Lawton, Patricia Leone	1964
Jeffrey, Deidre	1948	Laycock, Richard Allen	1965
Jeffs, Kathleen Ellinor	1963	Leak, Brian Hedley (surrendered 1954)	1952
Jellett, Suzanne	1963	Lean, Elizabeth Anne	1964
Jenkin, Graham Keith	1963	Leaver, Joelle Batten	1964
Jenkin, Leonard Bee	1954	LeCornu, Colin George (surrendered 1954)	1951
Jenkin, Robert Haydon (surrendered 1962)	1953	Lee, John Malcolm	1959
Jenkins, Merle Nona	1950	Leibie, Albert Lawrence (surrendered 1966)	1952
Jenner, Meryl Joan	1962	Leigh, Kathleen Lavinia Anne	1951
Jennings, Raelene Anne	1959	Lenke, Mollie Aileen	1958
John, Evan William	1964	Le Page, Ronald Alfred (surrendered 1966)	1965
Johns, Beryl Fay	1952	Le Picher, John Robert	1964
Johns, David Colin	1965	Lewis, Margaret Jennie	1964
Johns, Roger Kenneth	1961	Littlejohns, Arthur Vernon	1966
Johnson, Graham Barry	1965	Lloyd, Douglas Edwin (surrendered 1966)	1962
Johnson, Ian Charles	1966	Lock, Dorothy Marie Jeanne (surrendered	
Johnson, Trevor Graham	1966	1954)	1950
Johnson, Yvonne May	1966	Lodge, John Kenneth Hyde (surrendered 1957)	1953
Johnston, John Arcus	1959	Longbottom, Maxwell Ernest (surrendered	
Jones, Helen Margaret	1953	1962)	1953
Jones, Pamela Sandra (surrendered 1966)	1961	Love, Robert Stewart	1948
Joppich, Oscar Edwin	1954	Lovelock, Marion Joy	1965
Joyce, Pamela Beth	1956	Loxton, Valerie Jean	1959
Judd, James (surrendered 1954)	1950	Ludewig, Helen Paula	1965
Jury, Gay	1962	Lunnay, Aubrey William	1952
Kadow, Constance Evelyn	1960	Lynall, Margaret Mary	1954
Kahlbaum, Maxwell Robert	1960	Lyons, Robert James	1965
Kain, Helen Rosalie	1966	McCartney, Josephine Mary	1965
Kalnins, Reinis	1965	McClaren, James Murray	1959
Kane, Leo William (surrendered 1962)	1958	McGorman, Jill (surrendered 1966)	1965
Kappler, Stewart Garth	1954	McCracken, Samuel Raymond	1951
Karutz, Eileen Dorothy	1963	McDonald, William George Harlowe	1948
Kealley, Frank Shenstone (surrendered 1951)	1948	McDowall, James (surrendered 1966)	1952
Keane, Brian Bernard	1962	McElroy, Anthony Godfrey	1949
Keane, Kenneth John	1951	McElroy, Barrie Ivon	1960
Keane, Leonard William Ross	1966	McFarlane, Peter William	1962
Kearney, Stanley John	1956	McGargill, Gordon Winstanley, A.U.A.	
Kean, Judith Marilyn	1965	(Phys.Ed.)	1961
Kelley, William Brian (surrendered 1951)	1949	McGill, Ian Keith (surrendered 1956)	1955
Kelly, Julie Elizabeth	1962	McGowran, Mary Lou	1965
Kelly, Sheilaigh	1966	McGuire, Anthony (surrendered 1955)	1952
Kemp, Mervyn Douglas (surrendered 1966)	1964	McKenzie, Hector Malcolm	1948
Kennedy, Kathleen Joan	1965	McKenzie, John Oswald	1962
Kennett, Keith Franklin	1962	McKie, Robert James	1966

McKinnon, Bruce John (surrendered 1964) -	1959	Mortimer, Munro Robertson - - - - -	1961
McKinnon, Charles Richard - - - - -	1951	Mortlock, Ian Philip - - - - -	1965
McKinnon, Kenneth Richard - - - - -	1952	Moule, Helen Rosemary - - - - -	1963
McLay, Andrew Harold (surrendered 1953) -	1950	Moule, Ronald - - - - -	1966
McLean, Kathleen Alice - - - - -	1963	Moyle, William George Chittleborough -	1961
McLean, Ronald Sinclair Allen - - - - -	1956	Mudge, Alfred Clarence - - - - -	1952
McLeod, Fiona Ellen - - - - -	1961	Mugford, Eric Kenwyn (surrendered 1964) -	1959
McLeod, Murray Robert Love - - - - -	1949	Muller, Edda Karin - - - - -	1965
McLiesh, Sandra Joan - - - - -	1944	Muiraney, Leslie Patrick - - - - -	1950
McMahon, Francis (surrendered 1962) - - -	1960	Mundy, Robert Reginald Peter - - - - -	1951
McMahon, John Roger - - - - -	1966	Munt, Anne Josephine - - - - -	1966
McNamara, Robert Patrick - - - - -	1963	Murchland, Mildred Emily - - - - -	1949
McNarama, Maureen Rita - - - - -	1952	Murchland, William Byrne - - - - -	1957
McPherson, John Roger (surrendered 1965) -	1959	Murphy, Deirdre Mary (surrendered 1965) -	1960
McRostie, Keith Henry - - - - -	1950	Murray, Beryl Margaret - - - - -	1957
MacGillivray, Leith Grant - - - - -	1951	Murray, Heather Jean - - - - -	1953
Mader, Conrad Wilfred - - - - -	1952	Murrie, Dornice Edith - - - - -	1965
Madigan, Michele Frances - - - - -	1965	Murrie, Elizabeth Leroy (surrendered 1964) -	1954
Magnay, William Ralph - - - - -	1952	Murrie, John Douglas - - - - -	1955
Magor, William Alwyn Roy (surrendered 1963) -	1959	Nancarrow, Brian James - - - - -	1964
Maguire, Catherine Rose (surrendered 1965) -	1961	Nancarrow, Ethel Rosalie - - - - -	1961
Mahar, Alan Dalton (surrendered 1966) -	1957	Nankivell, Isobel Mabel - - - - -	1958
Maloney, Terrence Bernard - - - - -	1962	Nankivell, Valmai Dawn - - - - -	1964
Manhood, Cleve Charles (surrendered 1962) -	1959	Nankivell, Wesley Robert - - - - -	1961
Manser, William Lloyd (surrendered 1962) -	1959	Narroway, Peter Kinsford - - - - -	1964
Mansfield, Richard Charles (surrendered 1966) -	1951	Natt, Geoffrey - - - - -	1950
Manuel, Deane James Hubert, B.Ec. (surrendered 1959) -	1954	Neale, Warren William Martin - - - - -	1965
Manuel, Peter James (surrendered 1966) -	1964	Nelson, Pamela Rosemary - - - - -	1956
Maple, Alexander Montrose - - - - -	1948	Neuke, Eric Eugene - - - - -	1958
Marker, Lois Beatrice - - - - -	1954	Newbold, Beverley Joan - - - - -	1959
Marks, Trevor John - - - - -	1966	Newell, Edward Richard Ireland - - - - -	1954
Marmach, Tania - - - - -	1963	Nicol, Gary John (surrendered 1965) - - -	1962
Marmham, Raelene Dawn, A.U.A. (Phys.Ed.) -	1966	Nicol, Peter Barry (surrendered 1966) -	1961
Marsh, Douglas Stanton - - - - -	1959	Nicolai, Judith Elizabeth (surrendered 1966) -	1962
Marsh, Jessamy Joan - - - - -	1962	Nimon, Michael Hyman - - - - -	1961
Marsh, William Clarence (surrendered 1966) -	1951	Ninnes, Alan Herbert, B.Sc. (surrendered 1965) -	1961
Marshall, William Edward - - - - -	1960	Nitschke, Burnard Eric - - - - -	1965
Martin, Barbara Rose - - - - -	1962	Nitschke, Erna Gertrude - - - - -	1954
Martin, George Stanley (surrendered 1966) -	1960	Nitschke, Kevin John - - - - -	1966
Martin, Ian Albert - - - - -	1965	Noble, Alan, A.U.A. (Phys. Ed.) - - - - -	1965
Martin, John Paul - - - - -	1966	Noblet, Max Hadden (surrendered 1957) -	1952
Martin, John William (surrendered 1964) -	1950	Noblett, Mignon Ruth - - - - -	1965
Martin, Lesley Meredith (surrendered 1961) -	1960	Noon, David Lyon (surrendered 1952) - - -	1948
Maskrey, Esther Edith - - - - -	1963	Norman, Jacob - - - - -	1952
Mason, Neil (surrendered 1965) - - - - -	1962	Norman, Peter John - - - - -	1963
Masters, Bernard Lincolne (surrendered 1959) -	1956	Norris, Beth Christine - - - - -	1963
Masters, John Clive - - - - -	1949	Norton, Mary Alice - - - - -	1949
Materne, Gilbert John - - - - -	1966	Nottle, Geoffrey Edward (surrendered 1956) -	1953
Mathews, Rae Elizabeth - - - - -	1961	Noye, Brian John - - - - -	1961
Matthews, Graham Ramsay (surrendered 1966) -	1960	Nunan, Douglas Stephen - - - - -	1951
Matthews, Margaret Joy - - - - -	1959	Nuud, Helga (surrendered 1966) - - - - -	1965
Matto, Anna - - - - -	1966	Oakey, Jennifer Mary - - - - -	1964
Maurence, Kay - - - - -	1959	Oakley, Hannah Rosalie - - - - -	1954
Mausolf, Jack - - - - -	1954	Oborn, Herbert Russell - - - - -	1948
Mausolf, Wallace - - - - -	1951	Obst, Margaret Grace - - - - -	1960
Mawet, Jacqueline (surrendered 1966) -	1961	O'Callaghan, Basil Charles (surrendered 1966) -	1957
Mau, Desmond Peter - - - - -	1963	O'Callaghan, Gerald Anthony - - - - -	1954
May, John Miners - - - - -	1962	O'Connell, Geraldine Mary (surrendered 1962) -	1959
Mayer (nee Hentschke), Margaret Ruth -	1954	O'Connor, Thomas James (surrendered 1962) -	1960
Meath, William John - - - - -	1960	O'Donnell, Noeline Claire - - - - -	1956
Medlin, Helen Raelene - - - - -	1961	Olsen, Kevin Harry - - - - -	1966
Medson, Albert Reginald - - - - -	1956	O'Neil, Marguerite (surrendered 1949) -	1948
Mellor, Peter James - - - - -	1966	Opie, Roderick Preston (surrendered 1959) -	1953
Micell, Cynthia Helen - - - - -	1963	Organ, Alan John - - - - -	1962
Micell, David James, B.D. (London) -	1960	Osborne, Alfred Barry - - - - -	1964
Michelmore, Roland Symons - - - - -	1948	Oster, Barry Charles - - - - -	1966
Mickan, Wendy Loraine - - - - -	1961	Ottens, Lois Veronica - - - - -	1957
Middleton, Gaynor Denise Olive - - - - -	1959	Paasuke, Henno - - - - -	1958
Millar, Joan Valerie - - - - -	1961	Paech, Reginald Norman - - - - -	1964
Miller, Kay Leslie - - - - -	1966	Paevere, Eva - - - - -	1965
Milne, Alan Stewart - - - - -	1965	Page, Helen Claire (surrendered 1964) -	1962
Milner, Leslie Laurence - - - - -	1963	Page, Pamela - - - - -	1966
Milway, Russell Henry Oliver - - - - -	1949	Page, Ronald Allan - - - - -	1963
Mincham, Veto Hans - - - - -	1961	Paice, William Osborne (surrendered 1953) -	1950
Minns, William Alfred - - - - -	1959	Palm, Daphne Alexandra - - - - -	1960
Mitchell, Dianne Margaret - - - - -	1965	Palmer, Dexter Carl - - - - -	1966
Mitchell, Nancy Jean - - - - -	1959	Palmer, Rachel Dawn - - - - -	1950
Mitchell, William Ian - - - - -	1966	Palmer, Reginald Ernest - - - - -	1961
Moat, Milton Donald - - - - -	1959	Palmer, Ronald Elliott - - - - -	1966
Molde, Trevor Alexander - - - - -	1963	Papaelia, Emanuel Leo - - - - -	1962
Moody, Robin Charles - - - - -	1964	Parish, Vanessa Margaret Scott (surrendered 1965) -	1961
Moore, Eric Claude - - - - -	1953	Parker, Amy Irene - - - - -	1963
Morcom, Mary Elizabeth - - - - -	1964	Parkes, Roy Frederick Walter - - - - -	1948
Morris, Denby Lloyd - - - - -	1965	Parkinson, Peggy - - - - -	1959
Morris, Maxwell Arthur (surrendered 1966) -	1956	Partington, David John Guthrie - - - - -	1965
Morris, Rosemary Dawn - - - - -	1963	Passell, Judith Christina - - - - -	1958
Morrison, John Colin - - - - -	1953	Paterson, Robert George (surrendered 1958) -	1952
		Patterson, Conrad Brenton (surrendered 1961) -	1959

Patterson, Frank Brenton	1948	Richards, Martin Clyde	1952
Patterson, Reginald Lindsay (surrendered 1965)	1959	Richardson, Lindley Gay	1962
Pattullo, Elizabeth Mary (surrendered 1964)	1962	Ridgway, Phillippa Mary	1959
Payne, Jean Patricia	1960	Ried, Helen Isobel	1964
Payne, Jennifer May (surrendered 1966)	1962	Rieger, Wilfred George	1966
Payne, Mary Ethel	1961	Roberts, Marcia Anne (surrendered 1963)	1960
Payne, Rosamund Marie	1957	Roberts, Owen David	1949
Paynter, June Anita	1963	Roberts, Philip Edward	1965
Peake, Archibald John	1950	Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950
Pearce, Alfred Moreton (surrendered 1951)	1949	Robins, Robert William (surrendered 1966)	1962
Pearce, Brian Godfrey (surrendered 1962)	1961	Robinson, Erroll Harry Crosby	1963
Pearce, Edwin Lovell	1952	Robinson, Kay Ellen	1964
Pearce, Nancy	1952	Rogers, Janyce Irene	1963
Pearce, Trevor Lovell	1961	Rogers, John Vernon	1965
Pearce, William	1952	Rogers, Roma Emma	1951
Pearce, William John	1962	Rogers, Ruth Nellie (surrendered 1955)	1951
Pearson, Kevin William	1966	Rohde, Norman John	1964
Pederson, Lorraine Mary	1963	Roocke, Mostyn John	1961
Pederson, Martin John (surrendered 1966)	1959	Rose, Margaret Elizabeth	1966
Pejlo, Kalle	1964	Rosenthal, Murray Cyril	1959
Penna, Murray Arthur	1959	Rosevear, Richard James	1966
Pennicott, Ralph William	1948	Rosie, Jessie Pearce	1963
Penny, Betty Lorraine Mary	1955	Ross, Lorraine Evelyn	1962
Penny, John Stephen	1966	Routley, Peter Herbert	1955
Penny, Roger Stephen (surrendered 1966)	1961	Rowe, Rex Norman	1950
Peters, Carolyn Merle	1965	Rowe, James William	1965
Peters (nee Rooney), Kathleen	1948	Rowell, George Douglas Fairbairn	1949
Pettigrew, John Cramer	1966	Rowell, Peter Francis	1964
Pfitzner, Renate Lottie	1956	Rowett, John Charles Thomas	1966
Phillips, Barrie John	1966	Rowland, Roma Joy	1954
Phillips, Christopher Robert	1965	Ruciak, Leon	1963
Phillips, Ronald Osborn	1950	Rudolph, Gerald Alfred	1951
Philp, Stanley Percival	1964	Rumball, Judith Anne	1965
Pickering, Barbara Jean	1961	Rumpff, Sally Anne (surrendered 1962)	1961
Pickering, Eric	1954	Reudiger, Malcolm Milton (surrendered 1954)	1950
Pierson, Robert Arthur (surrendered 1954)	1953	Russell, Lester David	1960
Pike, Rodney Grahame	1964	Russell, Peter John	1963
Pinder, Claude Jack (surrendered 1966)	1960	Russell, Peter McGregor	1965
Pitman, David Arthur Alfred (surrendered 1966)	1962	Ryan, Carol Anne	1965
Pitman, Hartley Kenneth	1953	Ryan, John Leo	1958
Playfair, Noel Angus	1951	Sage, Harold Robert (surrendered 1953)	1950
Plumridge, Sheila Grace	1962	Saint, Bruce Wesley	1960
Poke, Alison Rae	1953	Sander, Elaine Joy	1966
Poland, Yvonne Carol	1963	Sanderson, Dorothea Leonore	1960
Pole, Audrey Elizabeth (surrendered 1956)	1951	Sanderson, Lesley Christine	1965
Poiglase, David Llewellyn	1959	Sandery, Adrian Arthur	1966
Polkinghorne, Heather Mary	1949	Sando, Clarice Melva (surrendered 1955)	1950
Pollusaar, Tiliu Anu (surrendered 1966)	1964	Sando, Rosemary Ann	1961
Poole, Jean Kinloch, A.U.A. (Phys. Ed.)	1964	Saunders, Alan Caley	1954
Pope, Geoffrey Weston, B.Sc.	1965	Schafer, Ruth	1960
Pope, Gwenyth Constance (surrendered 1966)	1963	Schedlich, Barbara Kaye	1963
Porter, Jane Elizabeth	1960	Scheer, Kevin Bruce	1964
Potter, Rosemary June	1963	Schenk, Irena	1966
Potts, Florence Marlene	1956	Schiller, John Maurice	1965
Pratt, Aubrey Ronald	1952	Schiller, Keith Douglas	1960
Prentice, Josephine Ann	1962	Schiller, Marcus Benjamin	1959
Price, Trafford Conon, B.Sc.	1962	Schmidt, Peter John	1966
Pride, Robert Glen	1966	Schmidt, Robert Dennis	1965
Priskryl, Jiri	1966	Schnetzer (nee Harrison), Ruth Olive	1950
Prima, Inne-Lee (surrendered 1965)	1961	Schrappel, Stephanie Ellen	1965
Pritchard, John Bernard	1966	Schuller, Ruth Doreen	1954
Pritchard, Susan Frances	1966	Schultz, Roland Felix (surrendered 1964)	1961
Punke, Gerald Brandon	1962	Schultz, Roydon Donald, B.Sc.	1959
Purves, John Laurie	1962	Schulz, Clifford Rupert	1953
Quarmby, Rosemary Leo	1964	Schumacher, Mavis Noreen (surrendered 1963)	1960
Quigley, Brian Maxwell (surrendered 1965)	1960	Schuster, Charles Frederick Robert	1964
Quigley, Francis James Leo	1950	Schuster, Valerie Fay	1960
Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949	Schwarz, Dawn Petrinella	1963
Rabone, Judith Anne	1962	Schwerdt, Pauline Anne	1965
Radawiec, Irene	1966	Scott, Christine Mary Byron	1960
Raison, Max Victor	1956	Scrivanich, Antonia	1966
Ramsay-Matthews, Jean	1953	Scroop, Katherine Gordon	1966
Ratz, Vija	1964	Sealey, Jillian Muriel (surrendered 1965)	1961
Ravestyn, Cornelis	1965	Searle, Geoffrey	1965
Raymond, Colin Maxwell	1964	Searle, Vera Katherine	1953
Read, Clarence Percy (surrendered 1959)	1949	Semler, June Lorraine	1960
Redin, Lewis Charles (surrendered 1956)	1951	Seward, Catherine Anne	1962
Redman, Jessie Adelaide	1951	Sexton, Anthony Patrick	1964
Redman, Warren James	1965	Sharman, Eileen Winifred	1965
Redstone, Frank (surrendered 1957)	1949	Sharp, Heather Ellen	1960
Reed, John Tweedie Thornton	1966	Sharpe, John Graham	1966
Reilly, Edward Joseph	1966	Sharrad, Gilbert Rex	1961
Reimann, Wilfred Harold	1960	Shearer, Helen Dianne	1965
Reincke, Kevin	1950	Shekleton, Peter Reginald (surrendered 1957)	1951
Rendell, Rosemary Anne	1953	Sheppard, David Roland	1957
Resek, Marietta (surrendered 1964)	1959	Shiell, Trevor John	1963
Richards, Lesley Anne	1964	Shinkfield, Anthony James (surrendered 1955)	1954
		Shrowder, Elizabeth Christine	1962
		Sibly, Brenton Reeves	1965
		Sim, Jennifer Margaret	1962

Simon, John Gary, B.Sc.	1966	Tabor, Barbara (surrendered 1962)	1950
Simmonds, Allan Frederick	1958	Taplin, Roger Eaton, B.Sc.	1963
Simpson, Brenda Mary	1956	Tapley, Stuart Edward	1966
Sinclair, Alison Mary	1960	Tassell, Helen May	1966
Singh, Ruth Elizabeth	1963	Tattersall, Laurence Oswald	1965
Sivour, Clyde Randall	1966	Taylor, Anthea Kathleen	1966
Sivour, John Vincent	1963	Taylor, Beatrice May	1948
Skilins, Aija Mara	1965	Taylor, Brian John	1963
Skinner, Avenel	1965	Taylor, Charmaine Cynthia, A.U.A. (Phys.Ed.)	1966
Sladden, Richard Glenn, A.U.A. (Phys. Ed.)	1965	Taylor, Douglas McLeod (surrendered 1951)	1950
Slaughter, Terence Davoren	1963	Taylor, Roger John	1964
Smale, Thomas Charles (surrendered 1950)	1949	Teakle, Elizabeth Anne	1966
Small, Marlene Brenda	1966	Theobald, Howard Wesley	1948
Smith, Alexander Graham	1962	Thiele, Dorothy Margaret	1965
Smith, Allen Clyde	1957	Thiele, Keith Geoffrey	1964
Smith, Ashley Mary	1958	Thiele, Rhonda Gladys	1966
Smith, Betty Lorna	1963	Thomas, Elaine Joan	1963
Smith, Charles Bruce Powell (surrendered 1965)	1959	Thomas, Linley	1952
Smith, Colin Jeffrey	1964	Thomas, Patricia Fay	1958
Smith, Constance Ethel	1950	Thompson, Ann Margaret	1960
Smith, Cynthia Vivienne	1957	Thompson, Diane Joy	1966
Smith, David Arthur	1964	Thompson, Eric Albert	1961
Smith, Donald Alfred	1965	Thompson, Frank Howard (surrendered 1955)	1951
Smith, Donald Powell	1952	Thompson, Iris Maude	1952
Smith, Doris Elizabeth	1951	Thompson, John Charles	1964
Smith, Graham Frank	1961	Thompson, Malcolm Denis	1964
Smith, Gweneth Ruth	1956	Thompson, Neil (surrendered 1966)	1961
Smith, Helen Christine	1963	Thompson, Robin Leon	1965
Smith, Ivan Ford (surrendered 1953)	1949	Thomson, Eunice Ann	1955
Smith, Ivan Percival	1963	Thomson, June Marie	1956
Smith, Janice Kaye	1964	Thornley, Peter John	1964
Smith, Joan Beverley	1963	Thornton, Desmond Michael	1963
Smith, John Henry (surrendered 1959)	1950	Thyer, Carolyn Jill	1966
Smith, Margaret Joan	1954	Tidswell, Helen Joy	1963
Smith, Maxwell John (surrendered 1966)	1953	Tilbrook, Graham David	1958
Smith, Milton Geoffrey	1963	Tilbrook, Jeffrey Ian	1962
Smith, Patrick Edward	1964	Till, Patricia Dell	1952
Smith, Raymond Thomas, B.Sc.	1966	Tindall, Mildred Florence	1950
Smith, Reginald John Wayne	1950	Toole, Dorothy Anne	1964
Smith, Richmal	1957	Torr, Alison Ruth	1950
Smith, Sylvester	1948	Trainer, Denise Margaret	1957
Smyth, Elaine Cleveland	1966	Trapnell, John Courtenay	1952
Smythe, Betty Marion Flora	1962	Travers, Thomas Edward	1948
Snigg, Janice Helene	1957	Treagus, Edward Mervyn, A.U.A. (Phys. Ed.)	1962
Souter, Warwick	1966	Trebilcock, David (surrendered 1964)	1953
Speck, Robyn Kay	1966	Trebilcock, Donald Ray	1960
Spence, Alvena Beverley	1962	Tregilgas, Francis Everleigh	1952
Spence, Colin Everett (surrendered 1958)	1952	Tribbeck, Sharon Gaye	1966
Spence, Jeanette Graham	1966	Trowse, Helen Hayward (surrendered 1965)	1954
Spier, David Lindsay, A.U.A. (Phys.Ed.)	1966	Trudinger, June Stirling	1949
Spratt, Marlene Joyce	1965	Trueman, John Clayton	1962
Stace, Robert Glennon	1966	Tscharko, Margaret Helen	1962
Stacy, Keith Roy Sheppard	1962	Tuck, Robert Clyde	1962
Staggs, Valerie Marie Allan	1956	Tucker, Alison Maud	1966
Staiff, James Elliot	1963	Tucker, Robert (surrendered 1961)	1956
Standen, Judith Anne	1961	Tucker, Walter	1960
Stanelis, Ivars Arnis	1964	Tuckfield, Brian Douglas	1965
Stanford, Brian Kenneth	1964	Tulloch, David Gerald (surrendered 1965)	1952
Stanley, Marcia Jane Harrington	1959	Turnbull, Robert Keith	1965
Stanley, Raymond John	1952	Turner, Joan Harcourt	1964
Stapleton, John Leslie	1964	Turner, John Anthony (surrendered 1966)	1964
Starr, William Ernest	1966	Turner, William Howard Batley	1955
Steinle, John Richard (surrendered 1958)	1952	Twartz, Clement Wilford (surrendered 1966)	1948
Steinle, Joyce Margaret	1960	Tyrrrell, Barbara Joan	1959
Stephens, Judith Clark	1962	Underdown, Reginald Edward, M.Sc.	1959
Stenson, Peter John	1958	Underwood, Anne Mary	1964
Sterck, Paulus Henricus Sebastian	1966	Van Velsen, Carolyn Marie, A.U.A. (Phys.Ed.) (surrendered 1966)	1962
Stevens, Glen Donald	1965	Vaughan, Matthew Ferdinand	1950
Stevens, Lawrence Stanley	1961	Vautier-Moll, Helen	1962
Stewart, Jill Denise	1959	Verrall, Derek Oakley	1964
Stewart, Peter McKenzie Gibson	1954	Vilmanis, Biruta Regina, A.U.A. (Phys.Ed.)	1966
Stillier, Margaret Dorothy	1944	Vince, Fenton John	1966
Stock, Graham Eric	1966	Vogelsang, Arthur Ernst	1950
Stocker, Reginald Henry	1953	Wachtel, Heinrich Lenhart	1948
Stokes, Alfred Hamley Herbert	1963	Wait, Robert Noel	1965
Stone, Grace Elizabeth	1963	Wakefield, Pauline	1965
Stone, Ronald Alexander	1958	Walding, Kay Rosslyn	1963
Stone, Victor Oxford	1953	Walker, Alan Philip (surrendered 1961)	1953
Storck, Margaret Joyce	1960	Walker, Marjory Clare	1965
Stratford, Denis Leon	1961	Walker, Marjorie Jean	1960
Stroud, Valerie Anne	1966	Wallace, Francis Joseph	1948
Stunell, Robert James	1963	Wallbridge, Beryl Elsa	1958
Styles, Colin Ross	1958	Wallbridge, Leslie Walter	1956
Such, John Roland	1966	Walters, Graham Edward	1962
Sudrabs, Maruta	1966	Walton, Sydney Malcolm	1961
Summerton, Alvin Paul	1964	Ward, Brian John	1958
Sutton, Kerry Charles	1966	Ward, Gwennyth Lillian	1964
Swincer, David Arthur	1965	Ward, June	1963
Sylvow, Barbara Elizabeth Ruth	1960	Wardle, Allen	1952
Symonds, Rosalyn Mary	1960		

Warland, Avis Mary	- - - - -	1959	Wilksch, Lois Ruth	- - - - -	1958
Warren, Sally Jacqueline	- - - - -	1965	Williams, Brian Arthur	- - - - -	1965
Watkins, Pamela Kathleen	- - - - -	1960	Williams, Claremont Maxwell Douglas	- - - - -	1964
Watson, Darrelle Ina	- - - - -	1961	Williams, Rosemary Claire	- - - - -	1961
Watson, Ian Morse (surrendered 1964)	- - - - -	1960	Williams, Ruth Jacqueline	- - - - -	1949
Watts, Peter William	- - - - -	1965	Williams, William Allan	- - - - -	1961
Waye, Dorene Anne	- - - - -	1959	Williamson, Beth England	- - - - -	1949
Weaver, Douglas	- - - - -	1965	Williamson, Catherine Patricia, A.U.A. (Phys. Ed. (surrendered 1963)	- - - - -	1962
Webb, Helen Jean	- - - - -	1965	Wilson, Sallie	- - - - -	1959
Webbe, Robin Phillip Pascoe	- - - - -	1960	Wilson, Francis Patrick	- - - - -	1948
Webber, Antoinette Louise	- - - - -	1965	Wilson, Gwendolyn Moore	- - - - -	1950
Webber, Ian James	- - - - -	1953	Wilson, Hélène Rosemary	- - - - -	1964
Webber, Muriel Esme Jill (surrendered 1957)	- - - - -	1952	Wilson, Marlene Janice	- - - - -	1959
Webster, Judith Marion	- - - - -	1963	Wilson, Wendy Ronayne	- - - - -	1965
Wedding, Gordon Mervyn	- - - - -	1954	Winter, Maxwell Hugh (surrendered 1966)	- - - - -	1957
Wegener, Charles William	- - - - -	1962	Wissell, Robert Allan	- - - - -	1961
Wegener, Malcolm Eric (surrendered 1966)	- - - - -	1963	Wohlfarth, Joanna Emily Therese	- - - - -	1958
Welke, Margaret Rose	- - - - -	1956	Woithe, Francis Arnold	- - - - -	1951
Weller, Pamela Margaret	- - - - -	1966	Wollaston, Pamela Jill	- - - - -	1956
Wellington, Donald Blair	- - - - -	1966	Wood, Eric William Hadley	- - - - -	1951
Wellington, Douglas Erwin	- - - - -	1950	Wood, Garry Leonard	- - - - -	1964
Wells, Patricia Anne	- - - - -	1966	Wood, John Frederick	- - - - -	1965
Wells, Peter Alexander, A.U.A. (Phys.Ed.)	- - - - -	1966	Wood, William Robert	- - - - -	1966
Wendelborn, Lawrence Cyril (surrendered 1962)	- - - - -	1959	Woodards, Eva Narma Cherrington	- - - - -	1949
Were, Keith Francis	- - - - -	1958	Woodrow, John Templer	- - - - -	1965
West, George Graham	- - - - -	1948	Woods, Bryan John	- - - - -	1966
Westhoff, Susanne Mary	- - - - -	1966	Woods, Donald Peter	- - - - -	1951
Wheatland, William Stanley	- - - - -	1960	Woods, Rosamond Erica	- - - - -	1957
White, Alvan	- - - - -	1964	Woolecott, Henry Mark (surrendered 1966)	- - - - -	1965
White, Emily Alice	- - - - -	1953	Wright, David Andrew	- - - - -	1962
Whitford, Cheryl Anne	- - - - -	1964	Wright, Florence Maude	- - - - -	1953
Whittington, Ann-Marie	- - - - -	1965	Wright, Robert Keith McGregor	- - - - -	1961
Whittington, Anthony Frank	- - - - -	1964	Wright, Rosslyn Mary	- - - - -	1965
Whitmore, Joan (surrendered 1965)	- - - - -	1959	Wurst, Marlene Betty	- - - - -	1961
Wickes, Jennifer Anne	- - - - -	1966	Wyatt, Patricia Anne	- - - - -	1961
Wiencke, Christine Joy	- - - - -	1964	Wynne, William Robins	- - - - -	1962
Wiese, Ivo Ray	- - - - -	1951	Yeend, Geoffrey Ronald	- - - - -	1966
Wieser, Othmar Heinrich Jakob (surrendered 1962)	- - - - -	1959	Young, Donald Lindsay	- - - - -	1952
Wiesner, Beverly Ann	- - - - -	1959	Young, Joan Margaret (surrendered 1964)	- - - - -	1952
Wigney, Ronald John	- - - - -	1966	Young, Timothy Gerald	- - - - -	1963
Wilde, Peter Barry	- - - - -	1966	Zeven, Lance Herbert	- - - - -	1964
Wiley, John Arthur	- - - - -	1961	Zimmermann, Diana Wendy	- - - - -	1956
Wiley, Mary Ruth (surrendered 1966)	- - - - -	1959	Zoerner, Robert John	- - - - -	1951
Wilkinson, Stewart Rex (surrendered 1950)	- - - - -	1948	Zwar, John David, A.U.A. (Phys.Ed.)	- - - - -	1966
			Zweck, Eleanor Margaret	- - - - -	1961

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