

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR  
1963

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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, the Honourable (afterwards Sir) Thomas Elder gave another £20,000, an association was formed to further the project, 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 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, 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.

The growth of the University in students and staff is indicated by the following statistics: by the end of 1962 the University had conferred 10,193 degrees and 4,375 diplomas by examination, and 753 degrees and 15 diplomas by admission *ad eundem gradum*; in 1962 there were 6,019 matriculated students, 273 non-graduating students (mostly proceeding to sub-graduate diplomas) and 532 graduates proceeding to higher degrees or post-graduate diplomas, apart from

the 440 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to 45 professors, over 300 full-time readers, senior lecturers and lecturers, and over 220 part-time lecturers and teachers.

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 Com-

mission 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 £100,000 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.

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 our self at Westminster the second day of September in the fourth year of our Reign.

By Warrant under the King's Sign Manual

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UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

Short Title

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 Acts Consolidated and Repealed

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 (1) This Act is a consolidation of the Acts mentioned in the first schedule, and the said Acts are hereby repealed.

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

### Interpretation

3. In this Act, unless some other meaning is clearly intended—

- “Council” means the Council of the University of Adelaide;
- “Senate” means the Senate of the University of Adelaide;
- “University” means the University of Adelaide.

### Incorporation and Continuance of University

4. (1) The University established at Adelaide pursuant to The Adelaide University Act is hereby continued.

(2) The University shall consist of a Council and a Senate.

(3) The University shall be a body politic and corporate by the name of “The University of Adelaide” and by that name—

- (a) shall have perpetual succession;
- (b) shall adopt and have a common seal;
- (c) shall sue and be sued in all courts in South Australia;
- (d) shall be capable in law to take, purchase, and hold all personal property whatsoever;
- (e) shall be capable in law to receive, take, purchase, and hold for ever not only such lands, buildings, hereditaments and possessions as may from time to time be exclusively used or occupied for the immediate requirements of the University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in South Australia or elsewhere;
- (f) shall, subject to sub-section (4), be capable in law to grant, demise, alien or otherwise dispose of, all or any of the real or personal property belonging to the University;
- (g) shall be capable in law to do all other matters and things incidental or appertaining to a body politic and corporate.

(4) The University shall not alien, mortgage, charge, or demise any lands, tenements, or hereditaments of the University unless with the approval of the Governor except by way of lease for any term not exceeding twenty-one years from the time when the lease is made in and by which there is reserved during the whole of the term, the highest rent that can be reasonably obtained for the same, without fine.

### The Council

5. (1) Subject to section 12, the Council shall consist of twenty-five members.

(2) Twenty of the members of the Council shall be elected by the Senate in manner provided by section 6.

(3) Five of the members of the Council shall be elected by the Parliament of South Australia in the manner provided by sections 7, 8, 9, and 10.

(4) Not more than four ministers of religion shall be members of the Council at the same time.

#### Election of Members of Council by Senate

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

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

#### Election of Members of Council by Parliament

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

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

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

#### Time of Appointment and Tenure of Office

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

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

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

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

#### Filling of Vacancies

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

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

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

Election of Chancellor and Vice-Chancellor

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

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

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

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

Constitution of Senate

13. (1) The Senate shall consist—

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

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

Election of Warden

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

Conduct of Business

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

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

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

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

#### Chairmanship of Council and Senate

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

#### Management of the University

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

#### Power to Make Statutes

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

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

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

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

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

#### Power to Confer Degrees

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

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

#### Residence of Undergraduates During Terms.

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

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

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

#### No Religious Test to be Administered

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

#### Governor to be Visitor

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

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

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

#### Annual Grant to University

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

- (i) A grant, not exceeding twenty thousand pounds in any one year, equal to five pounds per centum per annum on—
    - (a) the sum of twenty thousand pounds contributed to the University by Walter Watson Hughes, pursuant to the indenture mentioned in section 23; and
    - (b) all other moneys from time to time given to and invested by the University upon trusts for the purposes of the University; and
    - (c) the value of property, real or personal, of the University or vested in or held by trustees for the purposes of the University, except the real property granted to the University in pursuance of section 16 of The Adelaide University Act, and of The University Site Act, 1876;
  - (ii) A grant of four thousand pounds.
- (2) The grants shall be applied as a fund—
- (a) for maintaining the University;
  - (b) for paying the salaries of the professors, lecturers, examiners, officers, and servants of the University;

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

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

#### Grants for Agricultural Research

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

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

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

#### Conditions of Grant

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

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

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

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

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

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

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

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

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

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

#### Annual Report

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

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

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

#### University to be Exempt from Land Tax

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

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

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

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

#### Trusts in Relation to Certain University Land

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

#### Validation of Degrees and Statutes and Regulations

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

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

#### THE FIRST SCHEDULE

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

#### THE SECOND SCHEDULE

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

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

Signed, sealed, and delivered by the said  
 Walter Watson Hughes, in the presence of  
 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.

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

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

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

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

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

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

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### THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

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### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

- (l) to prevent persons from climbing on fences or buildings or walking over gardens or lawns on the University grounds;
  - (m) to regulate the conduct of open air and indoor meetings held on the University grounds;
  - (n) to prevent the interruption of lectures or meetings by noise or unseemly behaviour on the University grounds whether in or outside of buildings and to prevent undue noise from motor vehicles on the University grounds.
  - (o) to prescribe fines recoverable summarily not exceeding twenty pounds for any contravention of any by-law; and
  - (p) to empower the University to recover summarily compensation for any damage done to the University grounds.
- (2) The council may declare in any such by-law that it shall apply to a part only of the University grounds specified therein, and it shall so apply accordingly.
- (3) In this section "authorized person" means a person appointed by the council to be an authorized person for the purposes of this section.
- (4) The council may appoint any person to be an authorized person for purposes of this section, and may, at will, revoke any such appointment.

18b. No by-law shall be made—

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

#### 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. (1) The Council may set apart a place or places in the University grounds where vehicles may be parked or left, and specify the hours during which vehicles may be parked or left in such places, and the person or class of persons entitled to park or leave their vehicles in such place or places respectively, and the maximum period for which any vehicle may be parked or left therein.
- (2) No person unless exempted in writing by the Council or its delegate from the requirements of this by-law shall park or leave any vehicle on the University grounds except in accordance with this by-law.
- (3) The Council may from time to time appoint a delegate to give exemptions under this by-law.
4. Any authorised person may remove any vehicle from the University grounds without assigning any reason.
5. (1) The Council may direct that certain specified roads within the University grounds shall be used for one-way traffic only.
- (2) On any such road vehicles shall be driven only in the direction specified by the Council and indicated by notices displayed on the road.
6. (1) The Council may direct that any of the entrances to the University grounds (to be specified by the Council) shall be reserved for outward traffic only or for inward traffic only. At every such entrance a notice shall be displayed indicating what traffic is allowed.
- (2) No person shall drive any vehicle contrary to any such direction.
7. No person shall without the consent of the Council or its delegate 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.
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.

13. (1) No person shall ride or drive any motor cycle from North Terrace into the University grounds.

(2) No person shall ride or drive any motor cycle from Kintore Avenue into the University grounds further east than a line marked on the ground at or adjacent to the basketball courts.

(3) The Council may from time to time appoint a delegate to give exemptions under this by-law.

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
  - (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 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 above by-laws were made by the Council of the University of Adelaide on the 31st March, 1951, and allowed by the Governor in Executive Council on 24th May, 1951.

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### 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 1963

### TERMS:

First Term: March 11-May 18.

Second Term: June 10-August 10.

Third Term: September 2-December 14.

Lectures will cease in some cases in the week ending October 26  
and in others in the week ending November 2.

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**JANUARY**

- 1963.
- Tu. 1 New Year's Day. Commonwealth Inaugurated 1901.
- Th. 3 Faculty of Dentistry—4.30 p.m.
- F. 4 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 7 Faculty of Law—4.30 p.m.
- Tu. 8 Board for Anthropological Research—1.30 p.m.
- Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 11 Faculty of Agricultural Science—2.15 p.m.
- M. 14 Last day of Entry for the Special Degree and Diploma Examinations to begin on January 29. Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 15 Last day of entry for the Supplementary Leaving Examinations to be held in February. Faculty of Science—2 p.m.
- W. 16 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- M. 21 Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 24 Education Committee—2 p.m.
- M. 28 Public Holiday: Celebration of Australia Day.
- Tu. 29 Special Degree and Diploma Examinations begin. Finance Committee—2.20 p.m.
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## FEBRUARY

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- F. 1 Hospital Year begins. Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.
- M. 4 ENROLMENTS IN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY AND APPLIED SCIENCE BEGIN. Faculty of Law—4.30 p.m.
- Tu. 5 Supplementary Leaving Examination begins. Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m.
- W. 6 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- Th. 7 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
- F. 8 Faculty of Economics—4 p.m.
- M. 11 ENROLMENTS IN ALL COURSES OTHER THAN ARTS, MEDICINE, DENTISTRY, PHYSIOTHERAPY, TECHNOLOGY AND APPLIED SCIENCE BEGIN. LAST DAY OF ENROLMENT IN TECHNOLOGY AND APPLIED SCIENCE. Advisory Committee of the University and the R.A.H.—5 p.m.
- W. 13 Postgraduate Committee in Medicine—8 p.m.
- Th. 14 Education Committee—2 p.m.
- M. 18 LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology and Bachelor of Applied Science that are given at the S.A. Institute of Technology. Finance Committee—2.20 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
- W. 20 Public Holiday: Royal Visit.
- F. 22 Council—2.20 p.m.
- M. 25 LAST DAY OF ENROLMENT. Conservatorium first term begins.  
For last day of entry for examinations in Music and the Art of Speech to be held in April—see A.M.E.B. Manual.
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## MARCH

- F. 1 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 4 Faculty of Law—4.30 p.m.  
 Tu. 5 Board for Anthropological Research—1.30 p.m.  
 Th. 7 Faculty of Dentistry—4.30 p.m.  
 F. 8 Faculty of Agricultural Science—2.15 p.m.  
 Sa. 9 Long Vacation ends.  
 M. 11 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 Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.  
 Tu. 12 Faculty of Science—2 p.m.  
 W. 13 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.  
 Th. 14 Faculty of Architecture and Town Planning—2.15 p.m.  
 M. 18 LECTURES BEGIN. Board of Research Studies—11.10 a.m. Advisory Committee of the University and the Q.E.H.—5 p.m.  
 Th. 21 Education Committee—2 p.m.  
 M. 25 Finance Committee—2.20 p.m.  
 F. 29 Council—2.20 p.m.  
 For last day of entry for examinations in Music and the Art of Speech to be held in April — see A.M.E.B. Manual.

## APRIL

- M. 1 Faculty of Law—4.30 p.m.  
 Tu. 2 Board for Anthropological Research—1.30 p.m.  
 Th. 4 Faculty of Dentistry—4.30 p.m.  
 F. 5 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.  
 Sa. 6 ANNUAL COMMEMORATION — FIRST CEREMONY — 10.30 a.m.  
 M. 8 Faculty of Economics—4 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 Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.  
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m.  
 F. 12 Good Friday.  
 M. 15 Easter Monday.  
 Tu. 16 Advisory Committee of the University and the Q.E.H.—5 p.m.  
 Th. 18 Education Committee—2 p.m.  
 M. 22 Finance Committee—2.20 p.m.  
 W. 24 ANNUAL COMMEMORATION—SECOND CEREMONY —3 p.m.  
 Th. 25 Anzac Day.  
 F. 26 Council—2.20 p.m.  
 For Theory of Music and Art of Speech examinations—see A.M.E.B. Manual.

## MAY

- Th. 2 Faculty of Dentistry—4.30 p.m.  
 F. 3 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 6 Faculty of Law—4.30 p.m.  
 Tu. 7 Board for Anthropological Research—1.30 p.m.  
 W. 8 Postgraduate Committee in Medicine—8 p.m.  
 Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.  
 F. 10 Faculty of Agricultural Science—2.15 p.m.  
 Sa. 11 ANNUAL COMMEMORATION—THIRD CEREMONY—  
 10.30 a.m.  
 M. 13 Faculty of Economics—4 p.m. Advisory Committee of the  
 University and the R.A.H.—5 p.m.  
 Tu. 14 Faculty of Science—2 p.m.  
 W. 15 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.  
 Faculty of Engineering—3 p.m.  
 Sa. 18 UNIVERSITY FIRST TERM ENDS.  
 M. 20 University first short vacation begins. Advisory Committee  
 of the University and the Q.E.H.—5 p.m.  
 Th. 23 Education Committee—2 p.m.  
 Sa. 25 Conservatorium first term ends.  
 M. 27 Conservatorium first short vacation begins. Finance Com-  
 mittee—2.20 p.m.  
 F. 31 Council—2.20 p.m.

## JUNE

- M. 3 Faculty of Law—4.30 p.m.  
 Tu. 4 Board for Anthropological Research—1.30 p.m.  
 Th. 6 Faculty of Dentistry—4.30 p.m.  
 F. 7 Faculty of Music—9.15 a.m. Faculty of Agricultural Science  
 2.15 p.m. Faculty of Medicine—8 p.m.  
 Sa. 8 University and Conservatorium first short vacation ends.  
 M. 10 UNIVERSITY AND CONSERVATORIUM SECOND  
 TERM BEGINS. Public Holiday: Celebration of  
 Queen's Birthday.  
 Tu. 11 Faculty of Science—2 p.m. Advisory Committee of the  
 University and the R.A.H.—5 p.m.  
 W. 12 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.  
 Faculty of Engineering—3 p.m.  
 Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.  
 F. 14 Faculty of Economics—4 p.m.  
 M. 17 Board of Research Studies—11.10 a.m. Advisory Committee  
 of the University and the Q.E.H.—5 p.m.  
 Th. 20 Education Committee—2 p.m.  
 M. 24 Finance Committee—2.20 p.m.  
 F. 28 Council—2.20 p.m.  
 For last day of entry for examinations in Music and the  
 Art of Speech to be held in October—see A.M.E.B.  
 Manual.

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 JULY

- M. 1 Faculty of Law—4.30 p.m.  
 Tu. 2 Board for Anthropological Research—1.30 p.m.  
 Th. 4 Faculty of Dentistry—4.30 p.m.  
 F. 5 Faculty of Music—9.15 a.m. Faculty of Agricultural Science  
 —2.15 p.m. Faculty of Medicine—8 p.m.  
 M. 8 Faculty of Economics—4 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 Technology—2 p.m. Faculty of Arts—2.15 p.m.  
 Faculty of Engineering—3 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.  
 Th. 18 Education Committee—2 p.m.  
 M. 22 Finance Committee—2.20 p.m.  
 F. 26 Council—2.20 p.m.
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## AUGUST

- Th. 1 Faculty of Dentistry—4.30 p.m.  
 F. 2 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 5 Faculty of Law—4.30 p.m.  
 Tu. 6 Board for Anthropological Research—1.30 p.m.  
 Th. 8 Faculty for Architecture and Town Planning—2.15 p.m.  
 F. 9 Faculty of Agricultural Science—2.15 p.m.  
 Sa. 10 UNIVERSITY SECOND TERM ENDS. LAST DAY OF  
 ENTRY FOR THE DEGREE AND DIPLOMA EX-  
 AMINATIONS TO BE HELD IN NOVEMBER.  
 M. 12 University second short vacation begins. Faculty of  
 Economics—4 p.m. Advisory Committee of the Uni-  
 versity and the R.A.H.—5 p.m.  
 Tu. 13 Faculty of Science—2 p.m.  
 W. 14 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.  
 Faculty of Engineering—3 p.m. Postgraduate Com-  
 mittee in Medicine—8 p.m.  
 Sa. 17 Conservatorium second term ends.  
 M. 19 Conservatorium second short vacation begins. Advisory  
 Committee of the University and the Q.E.H.—5 p.m.  
 Th. 22 Education Committee—2 p.m.  
 M. 26 Finance Committee—2.20 p.m.  
 F. 30 Council—2.20 p.m.  
 Sa. 31 University second short vacation ends. Last day of entry  
 for PUBLIC EXAMINATIONS to be held in Novem-  
 ber and December.
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 SEPTEMBER

- M. 2 UNIVERSITY THIRD TERM BEGINS. Faculty of Law  
—4.30 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- Th. 5 Faculty of Dentistry—4.30 p.m.
- F. 6 Faculty of Music—9.15 a.m. Faculty of Agricultural  
Science—2.15 p.m. Faculty of Medicine—8 p.m.
- Sa. 7 Conservatorium second short vacation ends.
- M. 9 Conservatorium third term begins. Faculty of Economics  
—4 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 Technology—2 p.m. Faculty of Arts—2.15 p.m.  
Faculty of Engineering—3 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.
- M. 16 Board of Research Studies—11.10 a.m. Advisory Commit-  
tee of the University and the Q.E.H.—5 p.m.
- Th. 19 Education Committee—2 p.m.
- M. 23 Finance Committee—2.20 p.m.
- F. 27 Council—2.20 p.m.  
For Theory of Music and Art of Speech examinations—see  
A.M.E.B. Manual.
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## OCTOBER

- Tu. 1 Board for Anthropological Research—1.30 p.m.
- Th. 3 Faculty of Dentistry—4.30 p.m.
- F. 4 Faculty of Music—9.15 a.m. Faculty of Agricultural Science  
2.15 p.m. Faculty of Medicine—8 p.m.
- M. 7 Faculty of Law—4.30 p.m.
- Tu. 8 Faculty of Science—2 p.m.
- W. 9 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.  
Faculty of Engineering—3 p.m.
- Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 11 Faculty of Economics—4 p.m.
- M. 14 Public Holiday: Labour Day.
- Tu. 15 Advisory Committee of the University and the R.A.H.—  
5 p.m.
- W. 16 General Research Committee—2 p.m.
- Th. 17 Education Committee—2 p.m.
- M. 21 Research Executive Committee—9.30 a.m. Finance Commit-  
tee—2.20 p.m. Advisory Committee of the University  
and the Q.E.H.—5 p.m.
- F. 25 Council—2.20 p.m.
- Sa. 26 Lectures in some Departments end.
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## NOVEMBER

- F. 1 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 Sa. 2 All Lectures end.  
 M. 4 Last day for sending to the Clerk of the Senate nominations of candidates for the annual vacancies on the Council and on the Standing Committee of the Senate and for the offices of Warden and Clerk, and notices of motion for the meeting of the Senate to be held on November 27. Faculty of Law—4.30 p.m.  
 Tu. 5 Board for Anthropological Research—1.30 p.m.  
 W. 6 Equipment Committee—9.30 p.m.  
 Th. 7 Faculty of Dentistry—4.30 p.m.  
 F. 8 Faculty of Agricultural Science—2.15 p.m.  
 M. 11 DEGREE AND DIPLOMA EXAMINATIONS IN GENERAL BEGIN. Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.  
 Tu. 12 Faculty of Science—2 p.m.  
 W. 13 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Postgraduate Committee in Medicine—8 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.  
 M. 25 Finance Committee—2.20 p.m.  
 W. 27 Senate—8 p.m. Election of Members of the Council and of the Standing Committee of the Senate and Warden and Clerk of the Senate.  
 Th. 28 PUBLIC EXAMINATIONS BEGIN  
 F. 29 Faculty of Agricultural Science—2.15 p.m. Council—2.20 p.m.

## DECEMBER

- M. 2 Faculty of Law—4.30 p.m.  
 Tu. 3 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m.  
 W. 4 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.  
 Th. 5 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.  
 F. 6 Faculty of Music—9.15 a.m. Faculty of Economics—4 p.m. Faculty of Medicine—8 p.m.  
 Sa. 7 Conservatorium third term ends.  
 M. 9 Board of Research Studies—11.10 a.m. Advisory Committee of the University and the R.A.H.—5 p.m.  
 Th. 12 Education Committee—2 p.m.  
 Sa. 14 ACADEMIC YEAR ENDS.  
 M. 16 Finance Committee—2.20 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.  
 F. 20 Council—2.20 p.m.  
 W. 25 Public Holiday: Christmas Day.  
 M. 30 Public Holiday: Proclamation Day.

## JANUARY

1964.

NOTE: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1964 may be found in the enrolment leaflet.

- W. 1 New Year's Day. Commonwealth Inaugurated 1901.  
 Th. 2 Faculty of Dentistry—4.30 p.m.  
 F. 3 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 6 Faculty of Law—4.30 p.m.  
 Tu. 7 Board for Anthropological Research—1.30 p.m.  
 Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.  
 M. 13 Last day of entry for the Special Degree and Diploma Examinations to be held in January-February. Advisory Committee of the University and the R.A.H.—5 p.m.  
 Tu. 14 Last day of entry for the Supplementary Leaving Examinations to be held in February.  
 F. 17 Faculty of Agricultural Science—2.15 p.m.  
 M. 20 Faculty of Economics—4 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.  
 Tu. 21 Faculty of Science—2 p.m.  
 W. 22 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.  
 M. 27 Public Holiday: Celebration of Australia Day.  
 Tu. 28 Special Degree and Diploma Examinations begin.  
 Th. 30 Education Committee—2 p.m.

## FEBRUARY.

NOTE: Particulars of the procedure for enrolment, and the dates of the enrolment period, in 1964 may be found in the enrolment leaflet.

- Sa. 1 Hospital Year begins.  
 M. 3 Finance Committee—2.20 p.m. Faculty of Law—4.30 p.m.  
 Tu. 4 Supplementary Leaving Examination begins. Board for Anthropological Research—1.30 p.m.  
 Th. 6 Faculty of Dentistry—4.30 p.m.  
 F. 7 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.  
 M. 10 Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.  
 Tu. 11 Faculty of Science—2 p.m.  
 W. 12 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Postgraduate Committee in Medicine—8 p.m.  
 Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.  
 M. 17 LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology and Bachelor of Applied Science that are given at the S.A. Institute of Technology. Advisory Committee of the University and the Q.E.H.—5 p.m.  
 Th. 20 Education Committee—2 p.m.  
 M. 24 Conservatorium first term begins. Finance Committee—2.20 p.m.  
 F. 28 Council—2.20 p.m.

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 MARCH

- M. 2 Faculty of Law—4.30 p.m.  
 Tu. 3 Board for Anthropological Research—1.30 p.m.  
 Th. 5 Faculty of Dentistry—4.30 p.m.  
 F. 6 Faculty of Music—9.15 a.m. Faculty of Agricultural Science  
 —2.15 p.m. Faculty of Medicine—8 p.m.  
 Sa. 7 Long vacation ends.  
 M. 9 **FIRST TERM BEGINS.**  
 NOTE: Students are required to attend such preliminary  
 meetings of their classes in the first week of term as  
 may be announced.  
 Faculty of Economics—4 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 Technology—2 p.m. Faculty of Arts—2.15 p.m.  
 Faculty of Engineering—3 p.m.  
 Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.  
 M. 16 **LECTURES BEGIN.** Board of Research Studies—11.10  
 a.m. Advisory Committee of the University and the  
 Q.E.H.—5 p.m.  
 Th. 19 Education Committee—2 p.m.  
 M. 23 Finance Committee—2.20 p.m.  
 Th. 26 Council—2.20 p.m.  
 F. 27 Good Friday.  
 M. 30 Easter Monday.  
 For last day of entry for examinations in Music and the  
 Art of Speech to be held in April — see A.M.E.B.  
 Manual.
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# The University of Adelaide

1963

## VISITOR

HIS EXCELLENCY THE GOVERNOR

## CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Elected for the first time, 29th September, 1961.

## DEPUTY CHANCELLOR

SIR KENNETH AGNEW WILLS, K.B.E., M.C., E.D. Elected for the first time, 24th November, 1961.

## VICE-CHANCELLOR

HENRY BOLTON BASTEN, C.M.G., M.A. (Oxford). Appointed from 1st October, 1958.

## DEPUTY VICE-CHANCELLOR

EMERITUS PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc. (Cambridge). Appointed 1951.

## THE COUNCIL

THE CHANCELLOR. A member since 1942.  
THE VICE-CHANCELLOR. A member since 1958.  
PROFESSOR ERIC STEPHEN BARNES, B.A. (Sydney and Cambridge), Ph.D. (Cambridge), F.A.A. Elected for the first time, 28th November, 1962.  
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, 23rd November, 1960.  
THE HONOURABLE LESLIE HAROLD DENSLEY, M.L.C. Appointed by Parliament for the first time, 19th August, 1953. Date of last appointment, 2nd August, 1962.  
JULIAN RANDAL DRIDAN, C.M.G., B.E. A member since 1955. Date of last election, 28th November, 1962.  
JOHN ANGUS DUNNING, M.A. (Oxford), M.Sc. (N.Z.). Elected for the first time, 23rd November, 1960.  
DONALD ALLAN DUNSTAN, LL.B., M.P. Appointed by Parliament for the first time, 23rd August, 1956. Date of last appointment, 15th August, 1962.  
JEAN GILMORE, LL.B. A member since 1955. Date of last election, 25th November, 1959.  
THE REVEREND WILLIAM FRANK HAMBLY, M.A., B.D. (Melbourne). A member since 1954. Date of last election, 28th November, 1962.  
JAMES ALEXANDER HEASLIP, M.P. Appointed by Parliament for the first time, 13th August, 1959. Date of last appointment, 15th August, 1962.  
KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. A member since 1954. Date of last election, 22nd November, 1961.  
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P. A member since 1949. Date of last election, 23rd November, 1960.  
SAMUEL JOSHUA JACOBS, LL.B. Elected for the first time, 22nd November, 1961.  
IVAN BEDE JOSE, M.C., M.S., F.R.C.S. A member since 1953. Date of last election, 22nd November, 1961.  
PROFESSOR PETER HENRY KARMEL, B.A. (Melbourne), Ph.D. (Cambridge). A member since 1955. Date of last election, 28th November, 1962.  
CONDOR LOUIS LAUCKE, M.P. Appointed by Parliament for the first time, 23rd August, 1956. Date of last appointment, 15th August, 1962.  
THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. A member since 1942. Date of last election, 27th November, 1957.  
JAMES MELVILLE, M.Sc. (N.Z.), Ph.D. (London). A member since 1958. Date of last election, 28th November, 1962.  
KENNETH HARVEY MILNE, B.E., M.I.E.E., M.L.E. (Aust.). A member since 1956. Date of last election, 23rd November, 1960.  
EMERITUS PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc. (Cambridge). A member since 1949. Date of last election, 22nd November, 1961.  
THE HONOURABLE FRANK JACQUES POTTER, B.A., LL.B., M.L.C. Appointed by Parliament for the first time, 2nd August, 1962.  
PROFESSOR ERIC AROHA RUDD, A.M. (Harvard), B.Sc. Elected for the first time, 22nd November, 1961.  
WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last election, 23rd November, 1960.  
PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Cambridge). Elected for the first time, 23rd November, 1960.  
ANNIE WINIFRED WALL, M.B., B.S., F.F.A., R.A.C.S. Elected for the first time, 23rd November, 1960.  
SIR KENNETH AGNEW WILLS, K.B.E., M.C., E.D. A member since 1945. Date of last election, 25th November, 1959.

## 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, 28th November, 1962.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected, 28th November, 1962.

## MEMBERS OF THE STANDING COMMITTEE:

THE WARDEN (ex officio)

LAURA MADELINE ANGEL, M.Sc. Elected for the first time, 28th November, 1962.

RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A. Elected for the first time, 28th November, 1962.

MAURICE MEREDITH STERIKER, FINNIS, B.A. Elected for the first time, 28th November, 1962.

ELLIOTT CHRISTOPHER FORSYTH, D.de'U. (Paris), B.A., Dip.Ed. Elected for the first time, 28th November, 1962.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., B.D. (Melbourne). Elected for the first time, 28th November, 1962.

SAMUEL JOSHUA JACOBS, LL.B. Elected for the first time, 28th November, 1962.

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Mr. R. C. Gosse  
Mr. I. B. Jose  
Mr. S. Krantz  
Mr. D. G. McFarling  
Mr. B. H. MacLachlan  
Mr. J. A. Martin  
Sir Francis Matters  
Sir Edward MorganMr. P. B. Angas Parsons  
Mr. R. E. Porter  
Sir Brian Swift  
Major-General G. W. Symes  
Mr. A. B. Thompson  
Mr. W. C. D. Veale  
Mr. Ewen Waterman  
Mr. C. D. Watson  
Mr. A. A. West  
Mr. K. C. Wilson

## EXECUTIVE BOARD

Chairman: Mr. B. S. Hanson

The Vice-Chancellor  
The Chairman of the Foundation  
Professor G. M. Badger  
Mr. H. J. Buchan  
Professor L. W. Cox  
Mr. F. A. DibdenMr. I. B. Jose  
Mr. S. Krantz  
Mr. J. A. Martin  
Professor J. S. Robertson  
Mr. C. D. Watson

## VICE-CHANCELLOR'S OFFICE

## Vice-Chancellor:

HENRY BOLTON BASTEN, C.M.G., M.A. (Oxford). Appointed Assistant to the Vice-Chancellor, 1953; Vice-Chancellor, 1958.

Vice-Chancellor's Secretary: BERYL ELISABETH PEARCE.

## Deputy Vice-Chancellor:

Professor Sir MARK LEDINGHAM MITCHELL, M.Sc. (Camb.). Appointed 1951.

## Personal Assistant:

FRANCIS SUTHERLAND HAMBLY, B.Ec. Appointed in Registrar's Department, 1959; transferred, 1962.

## REGISTRAR'S DEPARTMENT

## Registrar:

VICTOR ALLEN EDGELOE, B.A. Appointed Registrar's Assistant, 1927; Assistant Registrar, 1947; Registrar, 1955.

Registrar's Secretary: BESSIE BRIAR MATTISON.

## Personal Assistant:

JOHN REGINALD HAYDEN COOK, B.A. (Econ.) (Manc.) Appointed 1963.

## Staff Architect:

RONALD WILLIAM MUTTON, A.R.I.B.A., A.R.A.I.A. Appointed Architect, 1961; Staff Architect, 1963.

## Architect:

TREVOR CLAUDE CHARLES RUSSELL, A.R.I.B.A. Appointed 1963.

Architectural Assistant: ALFRED IREDALE.

## Senior Administrative Assistant:

DAVID J. WEBSTER, B.A. (N.Z.). Appointed 1963.

## Administrative Assistant for Statistics:

BARRY JOHN HOLDING, B.Ec. Appointed 1961.

## Administrative Assistant:

DAVID GRAHAM MCKIE, B.A. Appointed 1961.

## Filing Clerk:

ARTHUR GEOFFREY MILLER.

## Academic Branch

## Assistant Registrar:

HENRY ELLIOTT WESLEY SMITH, Dip.Ed. (Oxford), B.Ed. (Melb.), B.A. Appointed Guidance Officer for Ex-Service Students, 1946; Academic Secretary, 1949; Assistant Registrar, 1955.

## Senior Administrative Assistants:

KENNETH JOSEPH FARRER, B.A. (Econ.) (Manc.). Appointed Administrative Assistant, 1953; Senior Administrative Assistant, 1958.

LINDSAY NORMAN SHAW, B.Ec. (Syd.). Appointed 1954.

THOMAS JOSEPH SOMERVILLE, B.Comm., Dip. Pub. Admin. (N.U.I.). Appointed Administrative Assistant, 1958; Senior Administrative Assistant, 1962.

## Administrative Assistants:

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

ALAN PHILIP WALKER, B.A. Appointed 1961.

MICHAEL ARTHUR RICHARD LUNN, B.A. (Syd.). Appointed 1961.

RICHARD WARREN RENSHAW SCANTLEBURY. Appointed 1961.

ARTHUR PATRICK KEAIN, B.A. Appointed 1962.

## Clerk of Examinations:

JAMES RONALD LEICESTER.

## Records Clerk:

CHARLES TURNER SANDBROOK VAUGHAN.

## Clerk in Medical School:

JOHN WILLIAM BROWN.

## Finance Branch

## Assistant Registrar:

WALTER MEIKLEJOHN, A.A.S.A., A.C.I.S., A.C.A.A. Appointed Accountant, 1954; Assistant Registrar, 1955.

## Assistant Accountants:

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.

ALFRED DONALD SCOTT, A.A.S.A. Appointed Administrative Assistant, 1958; Assistant Accountant, 1962.

**Chief Clerk:**

DONOVAN WALTER WALLIS, A.A.S.A. Appointed Clerk 1925; Chief Clerk 1952.

**Senior Administrative Assistant:**

JOHN THOMAS WHELAN, B.Ec. Appointed Administrative Assistant, 1955.  
Senior Administrative Assistant, 1960.

**Administrative Assistant:**

ARTHUR JOSEPH ALBERT HANSON, A.A.S.A. Appointed 1961.

**Clerks:**

MAISIE LILIAN CLARKE  
HELEN AMELIA DICKSON  
ALBERT KEITH HEINRICH  
NOEL ROBERT MATZ, R.D.A.  
TREVOR MURRAY RADBONE  
JOHN SCOTT SUTTON  
FRANK HARRIS THURSTON, A.U.A.  
WILLIAM KENNETH WOOD

**Public Examinations****Secretary:**

LAWRENCE HENRY DALZIEL, B.A. Appointed Assistant Secretary, 1950; Acting Secretary, 1958; Secretary, 1959.

**Assistant Secretary:**

LESLIE ARTHUR JAMES WRIGHT. Appointed 1958.

**Clerk:**

LEONARD HESKETH NORWOOD.

**PLANNING OFFICE FOR BEDFORD PARK****Principal-Designate:**

PETER HENRY KARMELO, B.A. (Melb.), Ph.D. (Camb.). Appointed George Gollin Professor of Economics, 1950; Principal-Designate, 1961. Also Professor of Economics in the University.

**Secretary:**

HOWARD JAMES BUCHAN, B.Sc. (Syd.). Appointed Senior Administrative Assistant in Registrar's Department, 1954; Secretary for Bedford Park, 1962.

**Staff Architect:**

GEOFFREY JOHN HARRISON, B.Arch. (Syd.), A.R.A.I.A. Appointed Staff Architect in Registrar's Department, 1959; transferred to Bedford Park, 1962.

**Architect:**

JAMES MCGREGOR BELFORD, Dip. Arch. (S.A.I.T.), Dip. T.C.P. (Syd.), A.R.A.I.A. Appointed 1962.

**Architectural Assistant:**

KEVIN GRAHAM WHISSON.

**THE BARR SMITH LIBRARY****Librarian:**

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

**Deputy Librarian:**

EOIN HOWITT WILKINSON, B.A. (Syd.), M.A. (Chic.), Appointed 1962.

**Assistant Librarian in Charge of Cataloguing:**

MARGARET WALTER SORRELL, B.A., A.L.A.

**Assistant Librarian in Charge of Readers' Services:**

KERSTIN LILLEMOR ANDERSEN, B.A., A.L.A.

**Assistant Librarian (Law):**

GWENDA CLARE SARGEANT, B.A. (Melb.), M.L. (Wash.).

**Medical Librarian:**

DOROTHY MEAD, B.A.

**Senior Library Assistants:**

SHIRLEY EDITH CORRELL, B.A. (Periodicals).  
MARJORIE WINNIFRED ROONEY, B.A. (Book Orders).  
HELGA FREUND ZINNBAUER, Ph.D. (Vienna) (Cataloguing).

**Library Assistants:**

PECK NGOH ANG, B.A., Dip.Ed. (Malaya).  
 MARIE THERESE ANSTEY, B.A.  
 BERNADETTE MARIE THERESE BYRNE, B.A.  
 PAMELA ANN DODD.  
 MARGARET MARY FINLAY, B.A.  
 KARIN ERIKA HAGMEISTER.  
 JUDITH ANNE LLOYD, B.Sc.  
 GWENYTH WINSOME OWEN, B.A., Dip.Ed.  
 JANET ANN PETTIT, B.A.  
 ILZE PUKITIS, B.A.  
 BEATRICE ENID LLOYD ROBERTS, B.A. (Brist.), Dip.Ed.  
 MARY ROBINSON, B.Sc. (Belf.).  
 EILEEN CONSTANCE ROGERS.  
 JENNIFER ANN SAWLEY, B.A.  
 JANETTE MURIEL SINCOCK.  
 JILLIANNE MARY WALKER.

**COMPUTING CENTRE****Honorary Director:**

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

**Lecturers:**

IAN NICHOLAS CAPON, Ph.D. (Camb.), B.Sc. Appointed 1961.  
 JOHN GAVIN SANDERSON, M.Sc. Appointed in Mathematics Department, 1959;  
 transferred, 1963.

**Officer in Charge of Punch Card Equipment:**

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

**THE UNIVERSITY UNION****Warden:**

FRANCIS THOMAS BORLAND, M.A. (Melb.), Dip.Ed. (Edin.). Appointed 1952.

**Secretary:**

HORACE SWALES SMITH. Appointed 1957.

**Assistant Secretary:**

ELIZABETH BRONWEN GREET, B.A. Appointed 1958.

**HEALTH SERVICE****Director:**

ROBERT CHARLES HEDDLE, M.B., B.S. Appointed 1963.

**ADULT EDUCATION****Director:**

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

**Assistant Director:**

DESMOND WILLIAM CROWLEY, M.A. (N.Z.), Ph.D. (Lond.). Appointed Assistant  
 to the Director, 1959; Assistant Director, 1961.

**Tutor-Organiser:**

SYDNEY JOHN ROOTH, B.A. (Shef.), B.Ed. (Melb.). Appointed 1963.

**Administrative Assistant:**

COLIN ROBERT LAWTON. Appointed 1958.

**COORDINATING ARCHITECTS TO THE UNIVERSITY**

Messrs. WOODS, BAGOT, LAYBOURNE-SMITH and IRWIN.

**UNIVERSITY AUDITORS**

Messrs. STEELE and CALDER.

ERNEST FREDERICK WILLIAM HUNWICK, A.U.A., F.C.A. (Aust.).

## ACADEMIC STAFF

## FACULTY OF ARTS

## CLASSICS AND COMPARATIVE PHILOLOGY AND LITERATURE

## The Hughes Professor:

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

## Senior Lecturers:

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

## Lecturers:

DAVID ALBERT HESTER, M.A. (Camb.). Appointed 1958.  
RONALD WALTER GARSON, B.A. (Syd. and Camb.). Appointed 1959.

## Senior Tutor:

KATHLEEN LILIAN HASSELL, M.A.

## ANTHROPOLOGICAL RESEARCH

## Reader in Australian Linguistics:

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

## ENGLISH LANGUAGE AND LITERATURE

## The Jury Professor:

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

## Readers:

MYFYR BRYN DAVIES, M.A. (Oxford). Appointed Senior Lecturer, 1952; Reader, 1955. (On leave.)  
RALPH WARREN VICTOR ELLIOTT, M.A. (St. And.). Appointed Senior Lecturer, 1959; Reader, 1962.

## Reader in Australian Literature:

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

## Senior Lecturers:

JOHN ANTHONY COLMER, M.A. (Oxford), Ph.D. (Lond.). Appointed 1961.  
FRANCIS HUGH MARES, B.A. (Dur.), B.Litt. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1962.  
PAUL CLIFFORD HAEFFNER, M.A. (Oxford), Ph.D. (Leeds). Appointed Lecturer 1958; Senior Lecturer, 1963.  
ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed Lecturer 1958; Senior Lecturer, 1963.

## Lecturers:

ALAN WILLIAM RUDRUM, B.A. (Lond.), Ph.D. (Nott.). Appointed 1958.  
ANTHONY MATTHEWS GIBBS, B.A. (Melb. and Oxford). Appointed 1959.  
KEVIN BARRY MAGAREY, M.A. (Oxford), B.A. Appointed 1960.  
PETER MEREDITH, M.A., Dip.Ed. (Oxford). Appointed 1961.  
SHEILA ANN SMITH, M.A. (Lond.). Appointed 1961.  
ANTHONY MICHAEL SLADE, M.A. (Brist.). Appointed 1962.  
ALAN THEO BRISSENDEN, B.A., Dip.Ed. (Syd.). Appointed 1963.

## Tutor:

JOHN JULIAN ANDERSON, M.A. (N.Z.).

## FRENCH LANGUAGE AND LITERATURE

## Professor:

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

## Senior Lecturers:

ELLIOTT CHRISTOPHER FORSYTH, D. de l'U. (Paris), B.A., Dip.Ed. Appointed Lecturer, 1955; Senior Lecturer, 1959.  
HENRI SOUILLAC, L.èsL. (Paris). Appointed Lecturer, 1957; Senior Lecturer, 1963.

## Lecturers:

BRUCE WALTER ELLIS, D. de l'U. (Paris), B.A. Appointed 1960.  
ANDRE MARCELLE DAVID, D.E.S., C.A.P.E.S. (Paris). Appointed 1963.

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

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

**Lecturers:**

HENDRICUS JOHANNES SILIAKUS, B.A. (Birm.). Appointed Tutor, 1955; Lecturer, 1958.

BRIAN DOMINIC WINDSOR HOCKING, B.A. Appointed 1962.

ALOIS OTTO BONIG, B.A. (Melb.). Appointed 1963.

**Tutors:**

WERNER SCHLICK.

ALFRED EGON RATZ, B.A.

**HISTORY****Professor:**

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

**Senior Lecturers:**

HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.

KATHLEEN WOODROOFE, M.A. Appointed Lecturer, 1951; Senior Lecturer, 1958.

GEORGE FREDERICK RUDE, M.A. (Camb.), Ph.D. (Lond.) F.R.Hist.S. Appointed 1960.

WALTER ALFRED PETER PHILLIPS, M.A. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961.

KENNETH LOWELL OLIVER GILLION, M.A. (N.Z.), A.M. (Mass.), Ph.D. (A.N.U.). Appointed 1963.

**Lecturers:**

JOHN THOMAS GILCHRIST, Ph.D., Dip.Ed. (Leeds). Appointed 1958.

MALCOLM ALEXANDER JACK, M.A. (Oxford). Appointed 1959.

HECTOR GILCHRIST LUSK MacTAGGART KINLOCH, M.A. (Camb.), Ph.D. (Yale). Appointed 1960.

WILLIAM FREDERICK MANDLE, B.A. (Oxford). Appointed 1960.

TREVOR GORDON WILSON, M.A. (N.Z.), D.Phil. (Oxford). Appointed 1960.

IAN ALEXANDER HAMILTON TURNER, B.A., LL.B. (Melb.). Appointed 1962.

ISRAEL GETZLER, M.A. (Melb.). Appointed 1962.

LOTTE GLOW, M.A. (Melb.). Appointed 1962.

JOHN MILLER TREGENZA, Ph.D. (A.N.U.), M.A. Appointed 1963.

**Tutors:**

PATRICIA MARY GIBSON, B.A.

JANET MARIAN ROBERTSON, B.A.

**HISTORY AND POLITICAL SCIENCE****Professor:**

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

**Senior Lecturer in Government and Public Administration:**

GORDON STANLEY REID, B.Com. (Melb.), Ph.D. (Lond.) Appointed 1958.

**Senior Lecturer:**

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

**Lecturer:**

ALAN J. WARD, B.A. (Lond.), M.A. (Conn.). Appointed 1963.

**Senior Tutor:**

ROBERT HETHERINGTON, B.A.

**PHILOSOPHY****The Hughes Professor:**

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

**Reader:**

CHARLES BURTON MARTIN, B.A. (Boston), Ph.D. (Camb.). Appointed Lecturer, 1954; Senior Lecturer, 1956; Reader, 1963.

**Senior Lecturer:**

MAURICE MEREDITH STERIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950.

**Lecturers:**

MICHAEL CHARLES BRADLEY, B.Phil (Oxford), M.A. Appointed 1962.

SAMUEL EDWARD HUGHES, M.A. (Manc.). Appointed 1963.

**PSYCHOLOGY****Professor:**

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

**Readers:**

ZOLTAN PAUL DIENES, Ph.D. (Lond.), Dip.Ed. (Leic.). Appointed 1960.  
KENNETH ALFRED PROVINS, M.A. (Oxford), Ph.D. Appointed 1962.

**Senior Lecturers:**

SYDNEY HAROLD LOVIBOND, B.A. (Melb.), M.A., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959.  
LAURENCE BINET BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (Lond.). Appointed Lecturer, 1957; Senior Lecturer, 1961.  
DAVID NORRIS GIBBS, M.A. (N.Z.), Ph.D. (Lond.). Appointed Lecturer, 1957; Senior Lecturer, 1963.

**Lecturers:**

RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed 1958.  
PETER HELMUT GLOW, B.A. (Melb.), Ph.D. (Lond.). Appointed 1959.  
LAMBROS HOUSIADAS, B.A. (Thessalonika), Ph.D. (Leeds). Appointed 1961.  
FRANCIS ROBERT DALZIEL, Ph.D. (Aberd.). Appointed 1962.  
ANTHONY HAROLD WINEFIELD, Ph.D. (Lond.). Appointed 1962.

**GEOGRAPHY****Professor:**

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

**Senior Lecturers:**

BRUCE MASON, B.Sc. Appointed 1959.  
CHARLES ROWLAND TWIDALE, M.Sc. (Brist.), Ph.D. (McGill). Appointed Lecturer, 1959; Senior Lecturer, 1962.

**Lecturers:**

ANN MARSHALL, M.Sc. (Melb.). Appointed Part-time Lecturer, 1940; Lecturer, 1958.  
TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales), F.R.Met.S. Appointed 1960.  
MICHAEL WILLIAMS, Ph.D. (Wales). Appointed 1960.  
NIGEL MORRITT WACE, B.A. (Oxford), Ph.D. (Belf.). Appointed 1961.  
RONALD KEITH HEFFORD, B.Ec. Appointed 1962.  
PETER JOHN SMAILES, M.A. (Manc.). Appointed 1963.

**Senior Tutor:**

ERLAND JEFFREY BROCK, B.A. (Temporary).

**Tutors:**

WILLIAM JOHN HAYDEN SLAYTOR, B.A.  
DEREK LEON SMITH, B.A. (Liv.).

**EDUCATION****Professor:**

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

**Senior Lecturer:**

ERNEST ROE, M.A. (Oxford), B.Ed. (Qsld.). Appointed Lecturer, 1960; Senior Lecturer, 1963.

**Lecturers:**

DEREK MORTON TOOMEY, B.A. (Manc.), Dip.Ed. (Leeds). Appointed 1960.  
FREDERICK MAYNE, Ph.D. (Rand.). Appointed 1961.  
PETER ALFRED NEWNHAM, B.A. (Lond.). Appointed 1961.  
RAY VERNON ANDREW, D.Litt., B.Ed. (Potchef.). Appointed 1962.

**Part-time Lecturers:**

ROBERT SYMES COGGINS, B.Sc., B.A., Dip.Ed. Appointed 1961.  
GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. (Syd.). Appointed 1951.  
RALPH KEITH MARTIN, B.Ed. (Melb.), B.A. Appointed 1955.  
ANNIE JOHNSON MILNE, B.A., Dip.Ed. Appointed 1959.

## FACULTY OF ECONOMICS

## ECONOMICS

The George Gollin Professor:

HAROLD FRENCH LYDALL, B.A. (Sth. Africa), M.A. (Oxford). Appointed 1962.

Readers:

RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1948; Reader, 1950.

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

Reader in Agricultural Economics:

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

Senior Lecturers:

HUGH RICHARD HUDSON, B.Ec. (Syd.). Appointed 1960.

ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed Lecturer, 1956; Senior Lecturer, 1962.

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

MAUREEN DORIS BRUNT, B.Com. (Melb.). Appointed Lecturer, 1960; Senior Lecturer, 1963.

Senior Lecturer in Agricultural Economics:

JOHN LOUIS DILLON, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed 1961.

Lecturers:

DONALD HENRY WHITEHEAD, B.A. (Oxford). Appointed 1958.

KEITH JACKSON HANCOCK, B.A. (Melb.), Ph.D. (Lond.). Appointed 1959.

JONATHAN COURTNEY GEORGE WRIGHT, B.Com. (Melb.). Appointed 1961.

ALAN ANTHONY LESLIE POWELL, B.Sc.Agr. (Syd.). Appointed 1962.

METODEY POLASEK, Ph.D. (Duke), B.Ec. Appointed 1962.

Tutors:

MARGARET EVELYN SOUTHWOOD, B.A.

ROBERT MALCOLM ROBERTSON, B.Ec.

## COMMERCE

Professor:

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

Senior Lecturers:

FREDERICK KENNETH WRIGHT, B.M.E., B.Com. (Melb.). Appointed 1962.

ALLAN DOUGLAS BARTON, B.Com. (Melb.). Appointed Lecturer in Economics, 1959; Senior Lecturer in Commerce, 1962.

Lecturers:

KEITH GERALD JONES, B.Com. (Melb.), A.A.S.A., A.C.I.S. Appointed 1961.

RICHARD DEANE TERRELL, B.Ec. Appointed 1962.

JAMES YOUNG HENDERSON, B.Ec. Appointed 1963.

## FACULTY OF SCIENCE

## MATHEMATICS

Professor of Applied Mathematics and Head of the Department:

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

The Elder Professor of Pure Mathematics:

ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.), F.A.A. Appointed 1958.

Professor of Mathematical Statistics:

EDMUND ALFRED CORNISH, B.Agr.Sc. (Melb.), D.Sc., F.A.A. Appointed 1960.

Readers:

GEORGE SZEKERES, Dip.Chem.Eng. (Bud.). Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1957.

JENS RAINER RADOK, M.A. (Melb.), D.Eng. (Pol. Munich). Appointed 1963.

Senior Lecturers:

MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.

MAURICE NORMAN BREARLEY, B.E. (W.A.), B.Sc. (Syd.), M.A. (Camb.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.

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

REYNOLD GILBERT KEATS, B.Sc., F.A.S.A. Appointed 1961.

EDITH JANE PITMAN, B.A. (Tas.), Ph.D. (Syd.). Appointed 1963.

JACK PHILLIP TULL, Ph.D. (Ill.). Appointed 1963.

**Senior Lecturer in Mathematical Statistics:**

JOHN NEWTON DARROCH, M.A. (Camb.). Appointed 1962.

**Lecturers:**

KERWIN WILLIAM MORRIS, B.Sc. Appointed 1956.  
HAROLD EDGAR MANSBRIDGE, M.Sc. Appointed 1959.

**Senior Tutor:**

ROBERT PALMER HALE, B.A. (Camb.), B.Sc.

**Tutors:**

MARTA SVED, B.Sc.  
DAVID HARRY LEE, B.Sc.  
JOHN KEITH GIBSON, B.A.  
FRANCES MACNALLY, B.Sc. (Lond.).

**Part-time Tutor:**

ESTHER SZEKERES, Dip.M. and P. (Bud.).

**PHYSICS****The Elder Professor:**

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

**Reader:**

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

**Senior Lecturers:**

GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.  
WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.  
DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.  
EDWIN HARRY MEDLIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1960.  
BASIL HUGH BRIGGS, M.A., Ph.D. (Camb.). Appointed 1962.  
MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1962.  
ARTHUR REGINALD BEVAN, B.Sc. (Lond.), M.Sc. (Syd.). Appointed Lecturer, 1959; Senior Lecturer, 1963.  
ROBERT LAWRANCE, M.Sc., A.Inst.P. Appointed Lecturer, 1959; Senior Lecturer, 1963.

**Lecturers:**

CHARLES JOHN EDGAR KEMPSTER, M.A., Ph.D. (Camb.). Appointed 1959.  
LEON GORDON ERICSON, Ph.D. Appointed 1960.  
ERIC LIONEL MURRAY, Ph.D. Appointed 1962.  
ERICH WEIGOLD, Ph.D. (A.N.U.), B.Sc. Appointed 1962.

**Demonstrators:**

ALAN CHARLTON BASTIAN, B.Sc. (W.A.).  
DEAN ROBERT DOWLING, B.Sc.  
JOHN ROGER CATCHPOOLE, B.Sc.  
BRIAN HENRY HORTON, B.Sc. (Q'sld.).  
ROBERT DEAN CAMPBELL, B.Sc.

**MATHEMATICAL PHYSICS****Professor:**

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

**Reader:**

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

**Senior Lecturer:**

IAN ELLERY McCARTHY, Ph.D. Appointed Lecturer, 1960; Senior Lecturer, 1961.

**PHYSICAL AND INORGANIC CHEMISTRY****The Angas Professor:**

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

**Reader:**

BRUCE OSWALD WEST, Ph.D. (Adel. and Camb.). Appointed Lecturer 1950; Senior Lecturer, 1957; Reader, 1962.

**Senior Lecturers:**

JACK ROBSON URWIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.  
PETER JOHN DUNLOP, B.Sc. (W.A.), Ph.D. (Wis.). Appointed 1959.  
STANLEY WALLACE KENNEDY, Ph.D. (Belf.). Appointed Lecturer, 1957; Senior Lecturer, 1963.

**Lecturers:**

THOMAS KURUCSEV, Ph.D. Appointed 1958.  
 THOMAS NORMAN BELL, Ph.D. (Durh.). Appointed 1958.  
 MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. Appointed 1959.  
 JOHN HEWLETT COATES, B.Sc. (Nott.), Ph.D. Appointed in Agricultural  
 Chemistry, 1957; Physical and Inorganic, 1959.  
 ALEXANDER ADAMANTIOU DIAMANTIS, M.Sc. (Syd.), Ph.D., D.I.C. (Lond.).  
 Appointed 1959.  
 BARRY JOHN STEEL, B.Sc. (W.A.), Ph.D. (N.E.). Appointed 1960.  
 GERALD STEVEN LAURENCE, M.Sc. (W.A.), Ph.D. (Leeds), A.R.A.C.I. Appointed  
 1961.  
 JOHN CHARLES SHELDON, Ph.D. (Nott.). Appointed 1961.

**Demonstrator:**

MAXWELL JAMES O'CONNOR, B.Sc.

**ORGANIC CHEMISTRY****Professor:**

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

**Readers:**

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed Senior Lecturer, 1951;  
 Reader, 1957.  
 JOHN WILLIAM CLARK-LEWIS, D.Sc., B.Pharm. (Lond.), Ph.D. (Nott.), F.R.I.C.  
 Appointed Senior Lecturer, 1955; Reader, 1960.

**Senior Lecturers:**

GRAHAM ETHELBERG LEWIS, Ph.D. Appointed Lecturer, 1956; Senior Lecturer,  
 1961.  
 ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W.A.), D.Phil. (Oxford).  
 Appointed Lecturer 1953; Senior Lecturer, 1962.  
 WOLFGANG HERMANN FRITZ SASSE, Ph.D. Appointed Lecturer, 1956; Senior  
 Lecturer, 1963.

**Lecturers:**

GEORGE EDWARD GREAM, M.Sc. (N.E.), Ph.D. (Camb.). Appointed 1961.  
 RICHARD ALAN JONES, B.A., B.Sc. (Oxford), Ph.D. (Camb.). Appointed 1961.  
 RALPH ALAN MASSY-WESTROPP, M.Sc. (Syd.), Ph.D. (Manc.). Appointed 1961.  
 THOMAS McLEOD SPOTSWOOD, M.Sc. (Tas.), Ph.D., A.R.A.C.I. Appointed  
 1962.

**Demonstrator:**

JAROSLAV NOVOTNY, B.Sc.

**Research Fellow (Jane Coffin Childs Fund):**

ARTHUR DAVID WARD, M.Sc. (N.Z.).

**GEOLOGY AND MINERALOGY****Professor:**

ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc., F.G.S. Appointed 1953.

**Reader in Geology and Palaeontology:**

MARTIN FRITZ GLAESSNER, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A. Appointed  
 Senior Lecturer, 1950; Reader, 1952.

**Senior Lecturers:**

ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lec-  
 turer, 1950.  
 ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lec-  
 turer, 1958; Senior Lecturer, 1960.

**Lecturers:**

JOHN BRETT JONES, B.Sc. (Qsld.), Ph.D. (Wisc.). Appointed 1959.  
 JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (Calif.). Appointed 1958.  
 BRIAN DAILY, Ph.D. Appointed 1961.  
 ROBERT WILLIAM NESBITT, Ph.D. (Durh.), F.G.S. Appointed 1961.

**Research Fellow in Palaeontology (Nuffield Foundation Grant):**

MARY JULIA WADE, Ph.D.

**Senior Demonstrator:**

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

**Demonstrators:**

KINGSLEY JOHN MILLS, B.Sc.  
 KENNETH JOHN POCOCK, B.Sc.  
 ROBIN OFFLER, B.Sc.

**Curator of the Museum:**

CAROLE MARY WILLIAMS, B.Sc. (Syd.).

**ECONOMIC GEOLOGY****Professor:**

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

**Senior Lecturer:**

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

**BOTANY****Professor:**

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

**Reader:**

HUGH BRYAN SPENCER WOMERSLEY, Ph.D., D.Sc. Appointed Lecturer, 1946;  
Senior Lecturer, 1950; Reader, 1961.

**Senior Lecturers:**

JAMES PETER REEVE RICHES, M.A., Ph.D. (Camb.). Appointed Lecturer, 1953;  
Senior Lecturer, 1956.

PETER GORDON MARTIN, Ph.D. Appointed Lecturer, 1956; Senior Lecturer.  
1959.

**Lecturers:**

ROBERT TERRENCE LANGE, Ph.D. (W.A.). Appointed 1961.  
MICHAEL GEORGE FITMAN, M.A., Ph.D. (Camb.). Appointed 1962.

**Systematic Botanist:**

CONSTANCE MARGARET EARDLEY, M.Sc. Appointed 1950.

**Research Fellow (Rural Credits Fund):**

PETER FERGUSON BROWNELL, Ph.D.

**Senior Demonstrators:**

ELISE MARGARETTA WOLLASTON, A.U.A., B.Sc.  
ESTELLE ANNE SHEPLEY, M.Sc.  
MARGARET ELVA JACKMAN, B.Sc.

**Demonstrators:**

PETER HAMILTON SMITH, B.Sc. (N.Z.).  
ELIZABETH ADELAIDE ANNE HALL, B.Sc.  
SHIRLEY RAE SEXTON, B.A., B.Sc. (N.Z.).  
ALAN BAILEY, B.Sc. (Liv.).  
DAVID ANDREW THOMAS, M.Agr.Sc. (Melb.).

**ZOOLOGY****Professor:**

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

**Professor of Parasitology:**

WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D., D.Sc. (Lond.), F.A.A. Ap-  
pointed Professor of Zoology, 1952; Professor of Parasitology, 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.

GEOFFREY HAROLD SATCHELL, B.Sc. (Lond.), Ph.D. (Leeds). Appointed 1962.

**Lecturers:**

DEREK ANTHONY DUCKHOUSE, Ph.D. (Lond.). Appointed 1958.

DONALD FREDERICK LAWS, M.A., B.D., B.Sc. (N.Z.), Ph.D. (Wash.). Appointed  
1962.

**Research Fellow:**

MICHAEL WARBURG, M.Sc. (Jerusalem), Ph.D. (Yale).

**Senior Demonstrator:**

LAURA MADELINE ANGEL, M.Sc.

**Demonstrators:**

LEOLA BETH TWIST, B.Sc.  
LAWRENCE JOHN BENNETT, B.Sc. (Wales).  
MARGARET ALISON MORGAN, B.Sc. (Birm.).  
DEREK EDMUND POMEROY, M.A. (Camb.).  
DAVID WINN BURTON, M.Sc. (N.Z.).  
GULIELMA PALTRIDGE, B.Sc.

**Research Fellow in Animal Ecology (Wool Research Fund):**

PAUL EDWARD MADGE, B.Sc. (Cal. S.P.C.), Ph.D. Appointed Entomologist,  
1952; Research Fellow, 1956.

**BIOCHEMISTRY AND GENERAL PHYSIOLOGY**

## Professor:

ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A. Appointed Waite Professor of Agricultural Chemistry, 1957; Professor of Biochemistry, 1962.

## Readers:

ERIC SPENCER HOLDSWORTH, Ph.D. (Leeds), F.R.I.C. Appointed 1958.  
GEORGE ERNEST ROGERS, M.Sc. (Melb.), Ph.D. (Camb.). Appointed 1963.

## Senior Lecturer:

DONALD BRUCE KEECH, Ph.D. Appointed Lecturer, 1961; Senior Lecturer, 1963.

## Lecturers:

MARGARET ELISABETH SUSAN NEVILLE, B.Sc. (Melb.), Ph.D. (Leeds). Appointed 1956.  
ROBERT HENRY SYMONS, Ph.D. (Melb.). Appointed 1962.

## Demonstrators:

PATRICIA MARGARET WILSON, B.Sc.  
ALFRED JOHN WILKES.  
DONALD D'ARCY WEBLING, B.Sc., M.B., B.S.  
JULIA KRISTOFF, B.Sc.

## Part-time Tutor:

JOAN BURTON PATON, M.Sc.

**HUMAN PHYSIOLOGY AND PHARMACOLOGY**

## Professor:

ROBERT FORD WHELAN, M.D., Ph.D., D.Sc. (Belf.). Appointed 1958.

## Reader:

## Reader in Pharmacology:

IVAN STANLEY DE LA LANDE, Ph.D. (Melb.). Appointed 1958.

## Senior Lecturers:

DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1955.  
ALLAN JOHN DAY, D.Phil. (Oxford), M.Sc., M.D. Appointed Lecturer, 1954; Senior Lecturer, 1955.

## Lecturers:

PETER GLYNN DELLOW, B.D.S., M.B., B.S. Appointed Temporary Lecturer, 1959; Lecturer, 1961.  
JOHN NEILSON McNALLY, B.Sc. Appointed 1962.

## Temporary Lecturers:

ROBERT LEY HODGE, M.B., B.S., M.R.A.C.P. Appointed 1961.  
PETER RICHARD STUART GOULDHURST, M.B., B.S. Appointed 1962.

## Senior Demonstrator:

BARBARA JOAN DENNIS, M.Sc.

## Demonstrator:

REGINALD BERNARD PORTER, M.Sc.

**MICROBIOLOGY**

## Professor and Head of the Department:

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

## Professor:

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

## Reader in Industrial Microbiology:

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

## Senior Lecturer:

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

## Lecturers:

FRANK MILES COLLINS, M.Sc. Appointed Assistant Lecturer and Demonstrator, 1952; Lecturer, 1954.  
EUGENE ROBIN JOSEPH PAVILLARD, M.B., B.S. (Lond.). Appointed Research Fellow, 1960; Lecturer, 1961.

## Research Fellows:

PETER REEVES, Ph.D. (Lond.), (Wellcome Trust Grant). Appointed 1961.  
IAN JAMES FORBES, M.B., B.S. (U.S.P.H.S. Grant). Appointed 1962.  
KEVEN JAMES TURNER, Ph.D. (U.S.P.H.S. Grant). Appointed 1961.

**Demonstrators:**

GORDON ERNEST SCHWAB, B.Sc.  
KULA THUNGAM KARTHIGASU, B.Sc.

**GENETICS****Professor:**

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

**Senior Lecturers:**

GEORGE MELROSE ELTON MAYO, Ph.D. Appointed Agronomist, 1947;  
Plant Geneticist, 1950; Senior Lecturer, 1957.  
MARJORIE JEAN MAYO, Ph.D. (Camb.), M.Sc. (Melb.). Appointed Lecturer,  
1952; Senior Lecturer, 1957.  
DAVID LINDSAY HAYMAN, Ph.D. Appointed Lecturer, 1959; Senior Lecturer,  
1963.

**Demonstrators:**

JUDITH ANNE WINSTANLEY LEVY, B.Sc.  
RORY MOULDEN HOPE, B.Sc.

**FACULTY OF AGRICULTURAL SCIENCE**

and

**THE WAITE AGRICULTURAL RESEARCH INSTITUTE****Director of the Institute:**

JAMES MELVILLE, M.Sc. (N.Z.), Ph.D. (Lond.). Appointed 1956.

**AGRICULTURAL CHEMISTRY****The Waite Professor of Agricultural Chemistry and Head of the Department:****Readers:****Soil Science:**

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

**Virology:**

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

**Protein Chemistry:**

MAURICE RAYMOND ATKINSON, Ph.D. (Tas.). Appointed Lecturer, 1957;  
Senior Lecturer, 1961; Reader, 1963.

**Senior Lecturers:****Plant Biochemistry:****Analyst:**

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

**Soil Science:**

ALAN MEYER POSNER, B.Sc. (Lond.), Ph.D. (Camb.). Appointed Lecturer, 1960;  
Senior Lecturer, 1963.

**Lecturers:****Soil Science (Wheat Industry Fund):****Virus Chemistry:**

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

**Soil Chemistry:**

DAVID GRAY LEWIS, M.Sc. Appointed 1951.

**Protein Biochemistry (Wheat Industry Fund):****Animal Biochemistry:**

IAN ROBERT FALCONER, B.Sc. (Nott.), Ph.D. (Aberd.). Appointed 1960.

**AGRONOMY**

The Waite Professor of Agriculture and Head of the Department:

COLIN MALCOLM DONALD, B.Sc.Agr. (Syd.), M.Ag.Sc. Appointed 1954.

Readers:

JOHN NICHOLSON BLACK, M.A., D.Phil. (Oxford). Appointed Lecturer, 1952; Senior Lecturer, 1953; Reader, 1960.

Plant Breeding and Genetics:

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

Senior Lecturers:

Agronomy:

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

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

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

Agrostology:

Animal Production (Mortlock Fellow):

WILLIAM GEORGE ALLDEN, M.A. (Camb.), M.Ag.Sc. Appointed Lecturer, 1956; Senior Lecturer and Mortlock Fellow, 1961.

Botany:

DAVID ERIC SYMON, B.Ag.Sc. Appointed Lecturer in Agronomy, 1951; in Botany, 1956; Senior Lecturer, 1962.

Plant Breeding and Genetics:

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

Lecturers:

Plant Breeding and Genetics:

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

KEITH MOORE, B.Sc. (Wales) (Wheat Industry Fund). Appointed 1961.

Animal Production (Wool Research Fund):

GRAHAM CHARLES EVERITT, M.Sc. (Wales). Appointed 1961.

Agrostology:

JAMES HENRY SILSBURY, M.Sc. (Agric.)(W.A.). Appointed 1956.

EDWARD DIMENT CARTER, B.Ag.Sc. Appointed 1960.

Species Studies:

JAMES ALFRED CARPENTER, M.Sc. (Agric.) (W.A.) Appointed 1961.

Wheat Geneticist (Wheat Industry Fund):

KENNETH WILLIAM SHEPHERD, B.Ag.Sc. Appointed 1961.

Crop Ecology:

GRAHAM JOHN LEACH, B.Sc. (R'dg.). Appointed 1962.

Research Fellow:

JACK LEROY PAUL, M.Sc. (Calif.).

**ENTOMOLOGY**

The Waite Professor of Entomology and Head of the Department:

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

Senior Lecturers:

HAROLD STEWART FARNHAM LOWER, M.Sc. Appointed 1950.

BRUCE JOHNSON, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed Lecturer, 1955; Senior Lecturer, 1960.

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.

Lecturers:

DEREK ALAN MAELZER, M.Sc. (W.A.), Ph.D. Appointed 1956.

JOHN MALCOLM MONRO, B.Sc. (Syd.). Appointed 1958.

Assistant Systematic Entomologist:

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

**PLANT PATHOLOGY****Reader, and Head of the Department:**

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

**Senior Lecturers:****Microbiology:**

JOHN HENRY WARCUP, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed 1951.

**Plant Pathology:**

ALLEN KERR, B.Sc. (Edin.), Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.

NEIL CLARENCE CROWLEY, B.Sc.Agr. (Syd.), Ph.D. Appointed Lecturer, 1951;  
Senior Lecturer, 1962.

MAURICE VERNON CARTER, M.Ag.Sc. Appointed Research Officer, 1953;  
Lecturer, 1956; Senior Lecturer, 1963.

**Systematic Mycologist (Department of Health Grant):**

PATRICK HENRY BRABAZON TALBOT, M.Sc. (Sth. Africa), Ph.D. (Lond.).  
Appointed 1960.

**Forest Pathology:**

LAURI OLAVI VAARTAJA, Ph.D. (Helsinki). Appointed Lecturer, 1960; Senior  
Lecturer, 1963.

**Lecturers:****Plant Pathology:**

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

**Nematology:**

JOHN MALCOLM FISHER, B.Sc.Agr. (Syd.). Appointed 1956.

**Virology:**

RICHARD IGNACY BARTLOMIEJ FRANCKI, Ph.D. (N.Z.). Appointed 1961.

**PLANT PHYSIOLOGY****Reader, and Head of the Department:**

LANCELOT HARRIS MAY, Ph.D. (Lond.), B.Sc., D.I.C. Appointed Lecturer,  
1950; Senior Lecturer, 1955; Reader, 1959.

**Senior Lecturers:**

NICOS GEORGE MARINOS, M.Sc. (Iowa), Ph.D. Appointed Temporary Lecturer,  
1952; Lecturer, 1956; Senior Lecturer, 1962.

LESLIE GODELL PALEG, B.A. (Wash.), Ph.D. (Iowa). Appointed Lecturer,  
1957; Senior Lecturer, 1962.

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

**Lecturers:**

DONALD ASPINALL, Ph.D. (Nott.) (Barley Improvement Fund). Appointed 1957.

BRYAN GEORGE COOMBE, Ph.D. (Calif.), M.Ag.Sc. Appointed 1959.

**OTHER OFFICERS****Reader in Biometrics:****Secretary:**

GARFIELD LOCKHART GOODEN, A.A.S.A. Appointed Clerical Assistant, 1928;  
Secretary 1947.

**Farm Manager:**

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

**Librarian:**

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

**Photographer:**

KEITH PLANTA PHILLIPS, A.R.P.S. Appointed 1945.

## FACULTY OF ENGINEERING

### CIVIL ENGINEERING

**Professor:**

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

**Readers:**

THOMAS ALBERT FARRENT, B.Sc., B.E. Appointed Lecturer, 1939; Senior Lecturer, 1947; Reader, 1950.

GEORGE SVED, Dip.Mech.Eng. (Bud.). Appointed Senior Lecturer, 1950; Reader, 1958.

**Senior Lecturers:**

ARTHUR JAMES ROBINSON, B.C.E. (Melb.). Appointed Testing Officer, 1937; Assistant Lecturer, 1940; Lecturer, 1946; Senior Lecturer, 1950.

ROBERT CULVER, B.Sc., B.E. Appointed Lecturer, 1949; Senior Lecturer, 1954.

DONALD HENRY TYLER, B.E. Appointed Lecturer, 1953; Senior Lecturer, 1960.

MAURICE ARNOLD, B.Sc. (Eng.) (Natal), M.A.S.C.E., A.M.S.Afr.I.C.E., A.M.N.Z.I.E. Appointed 1960.

**Lecturers:**

DAVID STIRLING BROOKS, M.E. Appointed 1958.

GEOFFREY SEWELL WEST, B.Sc. (Eng.) (Lond.). Appointed 1960.

DOUGLAS LEONARD PARKHILL, M.A.Sc. (Br. Col.), F.M.T.C. Appointed 1961.

### ELECTRICAL ENGINEERING

**Professor:**

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

**Reader:**

GEORGE ELLESWORTH, B.Sc. (Eng.) (Lond.). Appointed Senior Lecturer, 1955; Reader, 1960.

**Senior Lecturers:**

GORDON ALBERT ROSE, B.E. Appointed 1958.

STEPHEN DIMOV KANEFF, Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.

MURRAY WILLIAM ALLEN, Ph.D. (Syd.), B.E. Appointed 1958.

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

**Lecturers:**

BRIAN HARTLEY SMITH, B.E. Appointed 1961.

GEORGE KAROLYI, B.E. Appointed 1961.

**Part-time Lecturer:**

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

### MECHANICAL ENGINEERING

**Professor:**

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

**Reader:**

**Senior Lecturers:**

WILLIAM DEVON DOBLE, B.E. (Syd.). Appointed 1955.

DOUGLAS HECTOR NORRIE, B.E., B.Sc. (N.Z.). Appointed Lecturer, 1957; Senior Lecturer, 1959.

JOHN MANNAM, Ph.D. (Birm.), A.M.I.Mech.E. Appointed 1959.

ANTHONY GEORGE THOMPSON, B.E. (N.Z.), A.M.Mech.E. Appointed Lecturer, 1958; Senior Lecturer, 1962.

ALLAN SHAW, B.A. (Brooklyn), B.M.E. (N.Y.), A.S.M.E. Appointed 1962.

ROBERT BRUCE KING, B.Sc. (Syd.), A.S.T.C. Appointed Lecturer, 1959; Senior Lecturer, 1963.

**Lecturers:**

JAMES HENRY FOWLER, B.E. Appointed 1956.

JAMES ROSS DYER, B.E., B.Ec. Appointed 1961.

**Part-time Lecturer in Industrial Engineering:**

DAVID LLEWELLYN ELIX, B.E. Appointed 1954.

### CHEMICAL ENGINEERING

**Professor:**

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

**Senior Lecturers:**

THOMAS OLIVER PENMAN, B.Sc. (Eng.) (Lond.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1959.  
 BRIAN ANDREW HILLS, M.A. (Camb.), Dip. Chem. Eng. (Lond.), A.R.I.C. Appointed 1963.

**Lecturer:**

TERENCE NORMAN SMITH, B.E. (Syd.). Appointed 1959.

**Temporary Lecturer:**

ROBERT JOHN KELLY, B.E. Appointed 1963.

**FACULTY OF LAW****The Bonython Professor of Laws:****Professor of International Law:**

DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D. (Camb.). Appointed Reader, 1953; Professor, 1962.

**Senior Lecturers:**

ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chic.). Appointed 1958.  
 IGOR IVAR KAVASS, LL.B. (Melb.). Appointed 1959.  
 COLIN HOWARD, LL.M. (Lond.). Appointed 1960.  
 HORST KLAUS LÜCKE, Dr.Jur. (Cologne), M.C.J. (N.Y.), LL.B. Appointed 1961.  
 1961.

**Part-time Senior Lecturer:**

CHRISTOPHER JOHN LEGOE, M.A. (Camb.). Appointed 1961.

**Part-time Lecturers:****In the Law of Property:**

WILLIAM ANDREW NOYE WELLS, Q.C., B.A., B.C.L. (Oxford), LL.B. Appointed 1954.

**In the Law of Equity and Conveyancing:**

BRIAN OSWALD HUNTER, LL.B. Appointed 1956.

**In the Law of Evidence:**

ELWYN BEWELL SCARFE, LL.B. Appointed 1956.

**In the Law of Procedure:**

GEORGE HENRY WALTERS, LL.B. Appointed 1961.

**In Constitutional Law, Part I:**

RODERICK GRANT MATHESON, LL.B. Appointed 1963.

**In Constitutional Law, Part II:**

HOWARD EDGAR ZELLING, LL.B. Appointed 1963.

**In Legal Ethics:**

JOHN NEIL McEWIN, LL.B. Appointed 1953.

**In Local Government Law:**

HAROLD ASHLEY NORMAN, LL.B. Appointed 1961.

**In Industrial Law:**

JOHN HEREFORD PORTUS. Appointed 1961.

**In Roman Law:**

JOHN JEFFERSON BRAY, Q.C., LL.D. Appointed 1959.

**In Family Law:**

ROMA FLINDERS MITCHELL, Q.C., LL.B. Appointed 1960.

**In Taxation Law:**

ALEXANDER KEITH SANGSTER, Q.C., LL.B. Appointed 1960.

**In Commercial Law:**

DUDLEY LEWIS RICHARDS, LL.B. Appointed 1962.  
 OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.

**Tutors:**

MALCOLM CARROLL ATKINSON, LL.B.  
 MICHAEL JOHN TREBILCOCK, LL.B. (N.Z.).

**FACULTY OF MEDICINE**

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

**STUDIES IN HUMANITIES FOR MEDICAL STUDENTS**

Reader:

CHARLES REGINALD SCHILLER HARRIS, M.A., D.Phil. (Oxford), Ph.D. (Prin.), M.Inst.P. Appointed 1958.

Part-time Tutor:

MARGARET SYLVIA ELLIOTT, B.A. (N. Staffs.).

**ANATOMY AND HISTOLOGY**

The Elder Professor:

ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P. 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.B., B.S. Appointed Lecturer, 1956; Senior Lecturer, 1961.

Lecturer:

RAM SINGH TULSI, D.S.M. (Fiji). Appointed 1961.

Temporary Lecturers:

PHILIP WILLIAM SANTO MESSENT, M.B., B.S. Appointed 1961.

JEFF GIRTS ROZENBILDS, M.B., B.S. Appointed 1962.

Lecturer in Histology:

LORNA MARY ALEXANDRA GREEN, B.A., Ph.D. Appointed 1952.

Senior Demonstrator in Histology:

JUDITH SCHRODER, B.Sc.

**PATHOLOGY**

The George Richard Marks Professor:

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

Reader:

ROSS TRELOAR WISHART REID, M.D., M.C.P.A. Appointed Lecturer, 1950; Senior Lecturer, 1952; Reader, 1957.

Senior Lecturer in Forensic Pathology:

PHILIP RICHARD HODGE, M.B., B.S., M.R.A.C.P., M.C.P.A. Appointed 1958.

Lecturers:

KEITH DOUGLAS MURRAY, M.B., B.S. (Syd.). Appointed 1957.

ATHOL WILLIAM JOHN LYKKE, M.B., B.S. Appointed Temporary Lecturer, 1959; Lecturer, 1959.

LEONARD RAYMOND MATZ, M.B., B.S. Appointed Temporary Lecturer, 1960; Lecturer, 1961.

Temporary Lecturers:

NEVILLE GORDON ARDLIE, M.B., B.S. Appointed 1963.

ALEX GEORGE SPITZER, M.B., B.S. Appointed 1963.

Research Fellows (Traffic Accidents):

GERALD ANTHONY RYAN, M.B., B.S. Appointed 1962.

ALEXANDER JOHN McLEAN, B.E. Appointed 1962.

**MEDICINE**

The Mortlock Professor:

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

Reader:

BASIL STUART HETZEL, M.D., F.R.A.C.P. Appointed 1958.

Senior Lecturer:

HARRY LANDER, M.B., B.S., M.R.A.C.P. Appointed 1959.

Temporary Lecturers:

RICHARD JOHN KIMBER, B.D.S., M.B., B.S. Appointed 1962.

ANDERS GUSTAF WANGEL, M.B., B.S. Appointed 1962.

**Part-time Lecturers:****In Medicine at the Royal Adelaide Hospital:**

JOSHUA MARK BONNIN, M.D., M.R.C.P., F.R.A.C.P. Appointed 1957.  
 CHRISTOPHER BAGOT SANGSTER, O.B.E., M.D., M.R.C.P., F.R.A.C.P. Appointed 1958.  
 ROBERT FRANK WEST, M.D., M.R.C.P., F.R.A.C.P. Appointed 1962.

**In Medicine at the Queen Elizabeth Hospital:**

ROBIN ARCHIBALD BURSTON, M.B., B.S., M.R.C.P. (Lond. and Edin.), M.R.A.C.P. Appointed 1960.

**In Pulmonary Tuberculosis:**

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

**Part-time Tutors:****In Medicine at the Royal Adelaide Hospital:**

DAVID EVERSON DUNN, M.B., B.S., M.R.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 EDYVANC RUSSELL, M.B., B.S., M.R.A.C.P.  
 JOHN LANE WADDY, B.Sc., M.B., B.S., M.R.A.C.P.

**In Medicine at the Queen Elizabeth Hospital:**

GEOFFREY THOMAS EY, M.B., B.S.  
 STEPHEN CHARLES MILAZZO, M.B., B.S., 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.

**In Infectious Diseases:**

DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.  
 STEPHEN CHARLES MILAZZO, M.B., B.S., M.R.A.C.P.

**Teaching Registrar in Medicine, Queen Elizabeth Hospital:**

ALEXANDER GEOFFREY SANDISON, M.B., B.S.

**Michell Research Worker:**

DONALD JOHN DELLER, M.B., B.S. (Syd.), D.Phil. (Oxford), M.R.C.P., M.R.A.C.P.

**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:****Senior Lecturers:**

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.  
 RICHARD CLAYTON BENNETT, M.B., B.S. Appointed 1962.  
 JAMES DUNBAR HARRIS, M.B., B.S. Appointed 1962.

**Part-time Senior Lecturer:****At the Royal Adelaide Hospital:**

ROBERT BRITTEN JONES, M.B., B.S., F.R.C.S. Appointed 1960.

**Part-time Lecturers:****In Surgery at the Royal Adelaide Hospital:**

JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.  
 ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S. Appointed 1951.  
 ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S. Appointed 1950.

**In Surgery at the Queen Elizabeth Hospital:**

JAMES RUPERT MAGAREY, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1960.

**In Ophthalmic Surgery (Dr. Charles Gosse Lecturer):**

DAVID OWEN CROMPTON, M.B., B.S., D.O. (Melb.), F.R.A.C.S. Appointed 1961.

**In Diseases of the Ear, Nose and Throat:**

ROBERT NEIL REILLY, M.B., B.S., D.L. and O. (Melb.), F.R.A.C.S.

**In Surgical Diseases of Children:**

DOUGLAS GORDON McKAY, M.B., B.S., F.R.C.S. (Edin.), F.R.A.C.S. Appointed 1951.

**In Anaesthetics:**

MAURICE JAMES WILSON SANDO, M.B., B.S., F.F.A. (R.A.C.S.).

**Part-time Tutors:****In Surgery and Applied Anatomy at the Royal Adelaide Hospital:**

JOHN ROBERT BADGER, M.B., B.S., F.R.C.S. (Eng. and Edin.).  
 DONALD DOUGLAS BEARD, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.  
 BRIAN LESLIE CORNISH, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.  
 RONALD HUNTER, 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.  
 MAURICE GLEN MAGUIRE, M.B., B.S., F.R.C.S., F.R.A.C.S.  
 DENNIS CRAIG PATERSON, M.B., B.S., F.R.C.S. (Edin.).  
 ERNEST ALFRED DAVID RUSSELL, M.B., B.S.  
 MERVYN KEITH SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S.  
 JOHN GLADSTONE SWEENEY, M.B., B.S., F.R.C.S. (Eng.).  
 CHARLES GRAHAM WILSON, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

**In Surgery and Applied Anatomy at the Queen Elizabeth Hospital:**

JAMES CROWE DAVIDSON MILL, M.B., B.S., F.R.C.S.  
 ERROL PADDY JOHN KING, M.B., B.Ch. (Rand.), F.R.A.C.S. (Edin.).  
 COLIN GORDON PAULL, M.B., B.S., F.R.C.S., F.R.A.C.S.

**In Surgical Pediatrics at the Adelaide Children's Hospital:**

GEOFFREY GURNER WYLLIE, M.B., B.S., F.R.C.S., F.R.A.C.S.

**In Anaesthesia at the Royal Adelaide Hospital:**

PAULINE MARGARET DANIELS, M.B., B.S. (Lond.), L.R.C.P., M.R.C.S., D.A.  
 (R.C.P. and S).  
 ALDO VICTOR DREOSTI, M.B., B.Ch. (Rand.), F.F.A.R.C.S., D.A.R.C.P. and  $\bar{S}$ .

**In Anaesthesia at the Queen Elizabeth Hospital:**

VIVIAN EALDEN REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. and S.).  
 JAMES MILLER SAUNDERS, M.B., Ch.B. (N.Z.), D.A. (Melb.), F.F.A.R.A.C.S.

**Teaching Registrar in Surgery at the Royal Adelaide Hospital:**

JOHN FREDERICK LEDITSCHKE, M.B., B.S.

**Teaching Registrar in Surgery at the Queen Elizabeth Hospital:**

RICHARD TAUNTON SOUTHWOOD, M.B., B.S.

**Research Fellow:****OBSTETRICS AND GYNAECOLOGY****Professor:**

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

**Reader:**

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

**Reader in Endocrinology:**

RONALD IAN COX, Ph.D. (Edin.). Appointed 1962.

**Senior Lecturer:**

ROBERT NEILL MUNDAY, M.B., B.S., M.R.C.O.G. Appointed Lecturer, 1961;  
 Senior Lecturer, 1963.

**Part-time Senior Lecturers:**

VICTOR BOCKNER, L.R.C.P. (Lond.), D.Obst. (R.C.O.G.), M.R.C.S. (Eng.),  
 M.R.C.O.G. Appointed Senior Lecturer, 1955; Part-time Senior Lecturer, 1961.  
 KARL GEORGE BALL, M.B., B.S., M.R.C.O.G. Appointed 1961.  
 IAN HAROLD FULCHER SWAIN, M.B., B.S. (Syd.), M.M.S.A. (Lond.),  
 M.R.C.O.G. Appointed 1961.

**Lecturer:**

EILEEN FORSYTH CONNON, M.B., B.Ch., B.A.O. (Belf.), M.R.C.O.G.  
 Appointed 1963.

**Part-time Tutors:**

KARL GEORGE BALL, M.B., B.S., M.R.C.O.G.  
 ROLAND MAURICE CHARLES GEORGES BEARD, M.B., B.S., M.R.C.O.G.  
 ROBERT AUSTIN KENIHAN, M.B., B.S., M.R.C.O.G.  
 LAWRENCE JOHN RICE, M.B., B.S., M.R.C.O.G.  
 HEATHER JUNE SYLVIA ROSS, M.B., B.S. (Syd.), M.R.C.O.G., D.Obst. (R.C.O.G.).  
 JOHN STARK SKIPPER, M.B., B.S., M.R.C.O.G., D.Obst. (R.C.O.G.).  
 MARY ELIZABETH WALKER, B.Sc., M.B., Ch.B. (St. And.), M.R.C.O.G.  
 ROGER SINCLAIR WURM, M.B., B.S., M.R.C.O.G.

**CHILD HEALTH**

The McGregor Reid Professor:

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

Temporary Lecturers:

ROBERT BARTLETT ELLIOTT, M.B., B.S. Appointed 1961.

EVELYN FRANCES ROBERTSON, M.B., Ch.B., D.C.H. (Glas.). Appointed 1962.

Part-time Tutors in Paediatrics:

At the Adelaide Children's Hospital:

THOMAS HUDSON BEARE, M.B., B.S., M.R.C.P. (Lond. and Edin.), M.R.A.C.P.

HUGH MATHESON DOUGLAS, M.B., B.S.

JOHN GRENELL WILSON, M.B., B.S., M.R.A.C.P.

At The Queen Elizabeth Hospital:

HENRY GEORGE RISCHBIETH, M.B., B.S., D.C.H. (R.C.P. and S.), M.R.A.C.P.

At The Queen Victoria Maternity Hospital:

ERIC BALDWIN SIMS, M.D., B.S., F.R.A.C.P.

**MENTAL HEALTH**

Part-time Professor:

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

Part-time Tutor in Clinical Psychiatry:

JOHN EWART CAWTE, M.B., B.S., D.P.M. (Melb.) (Honorary).

**OTHER PART-TIME OFFICERS**

Lecturer in Public Health and Preventive Medicine:

PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M., D.P.H. (Syd.), M.R.A.C.P. Appointed 1960.

Demonstrators in Public Health and Preventive Medicine:

HARRY FENWICK HUSTLER, M.B., B.S. (Melb.), D.P.H. (Syd.).

GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.T.M., D.P.H. (Syd.).

Tutor in Radiology:

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

---

**FACULTY OF DENTISTRY**

Professor of Dental Science:

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

Lecturer:

JOHN KIRKWOOD, B.D.S. (Syd.), D.D.S. (Tor.), F.D.S.R.C.S. (Eng.). Appointed Temporary Lecturer, 1961; Lecturer, 1962.

Temporary Lecturer:

SIDNEY IVOR LUIGI ROVEDA, B.D.Sc. (Q'sld.), D.D.S. (Dal.). Appointed 1962.

**PROSTHETIC DENTISTRY**

Reader:

MURRAY JAMES BARRETT, M.D.S. Appointed 1951.

Part-time Lecturer:

KENNETH JAMES ROBERTSON, M.D.S. Appointed 1961.

Part-time Tutors:

KENNETH AYLESBURY BROWN, B.D.S. Appointed 1962.

JOHN BICE DAY, B.D.S. Appointed 1949.

HAROLD BRUCE FRAYNE, M.D.S. Appointed 1949.

REUBEN JOHN MYHILL, B.D.S. Appointed 1961.

JOHN ALEXANDER REINERS, B.D.S. Appointed 1962.

Part-time Demonstrators:

JOHN BLUM, B.D.S. Appointed 1959.

THOMAS EGON KRASSAY, B.D.S. Appointed 1961.

**CONSERVATIVE DENTISTRY**

Temporary Senior Lecturer:

ELIZABETH ANN FANNING, D.D.S. (N.Z.). Appointed 1962.

**Part-time Tutors:**

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1960.  
 JOHN FRANCIS BURROW, B.D.S. Appointed 1962.  
 HAROLD VERNON CLARKE, B.D.S. Appointed 1949.  
 REGINALD FRANK HARRINGTON, B.D.S. Appointed 1960.  
 GEOFFREY SINCLAIR HEITHERSAY, B.D.S. Appointed 1962.  
 JOHN FREDERIC LAVIS, M.D.S. Appointed 1961.  
 GLENN MILLHOUSE, B.D.S. Appointed 1952.  
 CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1962.  
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Appointed 1947.

**CROWN AND BRIDGE WORK****Part-time Lecturer/Instructor:**

GRAHAM JAUNAY MOUNT, B.D.S. (Syd.). Appointed 1960.

**DENTAL ANATOMY****Lecturer:**

TASMAN BROWN, B.D.S. Appointed 1960.

**DENTAL SURGERY AND PATHOLOGY****Reader:**

JAMES ALEXANDER CRAN, B.D.Sc. (Q'sld.), D.D.Sc. Appointed Lecturer, 1953;  
 Reader, 1954.

**Senior Lecturer:**

BRYAN GRAY RADDEN, B.D.Sc. (W.A.), F.D.S.R.C.S. (Eng.), Ph.D. (Lond.).  
 Appointed 1959.

**Part-time Tutors:**

KEVIN READING MOORE, B.D.S. Appointed 1959.  
 THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S. Appointed 1960.

**ORTHODONTIA****Part-time Lecturer:**

PERCY RAYMOND BEGG, B.D.S. (Melb.), D.D.Sc. Appointed 1926.

**Part-time Tutor:**

BRIAN CORRELL CRISP, M.D.S. Appointed 1960.

**PERIODONTIA****Lecturer:**

PETER CLARENCE READE, B.D.S., F.D.S.R.C.S. (Eng.). Appointed 1958.  
 (On leave.)

**PART-TIME LECTURERS****Surgery:**

JAMES ESTCOURT HUGHES, M.B., M.S. Appointed 1954.

**Medicine:**

JOHN MILROY McPHIE, M.B., B.S., M.R.A.C.P. Appointed 1955.

**Dental Materia Medica and Therapeutics:**

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1959.

**Principles of Dental Practice:**

ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Appointed 1960.

**Restorative Dentistry:**

FREDERICK RUDOLPH HENNING, M.D.S., F.D.S., R.C.S. Appointed 1962.

**PART-TIME LECTURER AND INSTRUCTOR****Anaesthesia:****PART-TIME TUTORS****In Medicine:**

ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H. Appointed 1958.

**In Surgery:**

RICHARD ENGLISH DUNSTAN, M.B., B.S. Appointed 1962.

**To First-year Students:**

KENNETH AYLESBURY BROWN, B.D.S. Appointed 1961.

**Teaching Registrar:**

ROBERT VINCENT BLANDEN, B.D.S. Appointed 1962.

**FACULTY OF MUSIC**  
and  
**THE ELDER CONSERVATORIUM OF MUSIC**

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

JOHN BISHOP, O.B.E., F.R.C.M. Appointed 1948.

**THEORETICAL SCHOOL**

Senior Lecturers:

JOHN ADAM HORNER, F.R.C.O., L.R.A.M. Appointed 1948.

JACK VERNON PETERS, B.Mus. (Durh.), Mus.D. (N.Z.), F.T.C.L., F.R.C.O.  
(Ch.M.), A.D.C.M. Appointed Lecturer, 1953; Senior Lecturer, 1963.

Lecturer:

HAROLD FAIRHURST. Appointed 1953.

Part-time Lecturer:

ALISON JOYCE HOLDER, Mus.Bac.

Tutor:

JAMES COBURN GOVENLOCK, Mus.Bac., F.R.C.O.

**PRACTICAL SCHOOL**

Pianoforte:

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

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

CLEMENS THEODOR LESKE, Mus.Bac. (Melb.).

ENID WILLIAMS.

Organ:

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

JACK VERNON PETERS, B.Mus. (Durh.), Mus.D. (N.Z.), F.T.C.L., F.R.C.O.  
(Ch.M.), A.D.C.M.

Singing:

BARBARA HOWARD.

DIANA LIMB.

ARNOLD MATTERS, A.U.A.

NANCY THOMAS.

RICHARD WATSON.

Violin and Viola:

LLOYD DAVIES.

HAROLD FAIRHURST.

NORA WHITEHEAD

Violoncello:

JOHN DAVID BISHOP.

JAMES WHITEHEAD, A.R.C.M.

Flute:

DAVID CUBBIN.

Oboe:

NOEL POST.

Clarinet:

KEVIN MURPHY.

Bassoon:

JOHN GEORGE GOOD.

French Horn:

STAN FRY.

Trumpet:

LEONARD TAYLOR.

Percussion:

RICHARD SMITH.

Harp:

HUW JONES.

Double Bass:

ARTHUR BONE.

**Orchestra and Chamber Music:**

LLOYD DAVIES.  
HAROLD FAIRHURST.  
JOHN GEORGE GOOD.

**Opera:**

BARBARA HOWARD.  
ARNOLD MATTERS.

**Speech Training and Drama:**

FRANK JOHNSTON.

**Theory:**

DAVID MORGAN, A.R.C.M.

**Aural Culture and Musical Appreciation:**

ALISON HOLDER, Mus.Bac.  
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

**Accompanists:**

ALISON HOLDER, Mus.Bac.  
GEOFFREY DOUGLAS MADGE.  
DOROTHY OLDHAM, A.U.A.

**Accompanying:**

ENID WILLIAMS.

**Italian:**

GEORGE MASERO, Dott. in Lettere (Genoa).

**German:**

EDITH DUBSKY.

**French:**

ELLIOTT CHRISTOPHER FORSYTH, D. de l'U (Paris), B.A., Dip.Ed.

**OTHER OFFICERS****Senior Administrative Assistant:**

JOHN LEONARD PORTER. Appointed Administrative Assistant, 1956; Senior Administrative Assistant, 1963.

**Librarian:**

WERNER GALLUSSER, Ph.D. (Zurich).

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

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. Appointed 1956.

**Reader:**

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

TORBEN SCHIOTT, M.A.A. (Denmark). Appointed Lecturer, 1961; Senior Lecturer, 1963.

**Part-time Lecturers:**

GEORGE PARK DUNCAN, D.A., Dip.T.P. (Edin.), F.R.I.C.S., A.R.I.B.A., A.I.Q.S. (Aust.), M.A.P.I. Appointed 1959.

DONALD JOHN CRISP, F.R.I.C.S., F.I.Q.S. (Aust.), M.R.San.I., A.I.A.S. Appointed 1961.

STUART BEAUMONT HART, B.Sc. (Eng.) (Lond.), M.T.P.I., F.A.P.I., A.M.I.E. (Aust.), A.M.I.C.E., A.M.I.Mun.E. Appointed 1959.

HANS LEO WESTERMAN, B.E. (Delft.), M.A.P.I. Appointed 1962.

ALLAN DALE CORREY, Dip.L.D. (Durh.), M.L.A. (Ill.), A.I.L.A. Appointed 1962.

**Part-time Tutor:**

ELIN SCHIOTT, M.A.A. (Copenhagen).

**FACULTY OF TECHNOLOGY**

STAFF OF DEPARTMENTS OF THE INSTITUTE OF TECHNOLOGY ENGAGED  
IN TEACHING IN THE FACULTY OF TECHNOLOGY.

**ARCHITECTURE AND BUILDING**

GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E., F.R.I.B.A., F.R.A.I.A.,  
A.M.T.P.I. (Head of Department).  
ROBERT EDWARD GREENWAY, M.A. (Camb.), A.R.I.B.A., A.R.A.I.A.  
GORDON YOUNG, A.R.I.B.A., A.R.A.I.A.  
SWAN DOUGLAS SWANSON, Dip.Arch., A.R.I.B.A., A.R.A.I.A.  
JAMES RIDYARD, B.Sc. (Tech.) (Manc.), A.I.O.B., A.A.I.B., A.M.C.T.

**SCHOOL OF ENGINEERING (Civil, Electrical, Mechanical)**

Head of School: STEWART ARMSTRONG, B.Sc. (Tech.) (Manc.), Ph.D. (Shef.).

**CIVIL ENGINEERING**

FREDERICK ARTHUR HAAS, Dip.Ing. (Vienna), M.I.E. (Aust.) (Head of Department).  
DONALD CHARLES CANTY, L.S., A.M.I.E. (Aust.).  
KENNETH CHARLES PILE, B.E., A.M.I.E. (Aust.).  
BRIAN PRESTON OPIE, Ph.D. (Durh.), B.E., A.M.I.E. (Aust.), A.M.R.I.N.A.  
RICHARD JOHN MEACHER, B.E. (N.Z.), A.M.A.S.C.E.  
MARK GAIL SYMONS, B.E.  
RONALD SUNTHERERAJ MATHER, B.Sc. (Cey.).

**ELECTRICAL ENGINEERING**

WILSON GORDON FORTE, B.E. (W.A.) (Head of Department).  
STEPHEN JOHN SEKAY, Dip.Elect.Eng. (Bud.), A.S.T.C.  
JONATHON MOUNT, B.E., F.S.A.S.M.

**MECHANICAL ENGINEERING**

WALTER HERMAN SCHNEIDER, B.Com. (Tas.), M.E. (Head of Department).  
JERZY ANDRE LORETT, Dip.Ing. (Zurich), M.I.Mech.E.  
REGINALD ERNEST BUTTON, B.E., F.S.A.S.M. (Refrigeration).  
GEOFFREY JOHN SAUNDERS, A.S.A.S.M., A.M.I.E. (Aust.).  
DONALD MAXWELL CALDECOTT, A.S.A.S.M., A.M.I.E. (Aust.).  
BRUCE EDWARD FREDERICK MALONE, B.Tech., A.M.I.E. (Aust.).  
DONALD CHARLES McDONALD, B.Tech., A.M.I.E. (Aust.).  
BERT VAN DAAL, Dip.Mech.Eng. (Holland).  
JACK HUBERT BARTHOLOMEW.  
HORST WERNER GADILHE.

**SCHOOL OF APPLIED PHYSICS (Mathematics, Physics, Electronics)**

Head of School: JAMES WOODHOUSE CROMPTON, M.E., D.I.C., F.S.A.S.M.

**MATHEMATICS AND PHYSICS**

GEORGE HENSON BARRETT HASKARD, M.Sc., A.Inst.P. (Head of Department).  
ARTHUR EDWARD NORMAN, B.A., B.Sc. (Mathematics).  
ALAN FRANK WOOLDRIDGE, B.Sc. (Mathematics).  
WILLIAM STEVENSON BOUNDY, B.Sc., Dip.Ed. (Physics).  
ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).  
JOHN ARTHUR WESTPHALEN, B.Sc. (Physics).  
DESMOND JOHN CLARKE, B.Sc. (W.A.) (Mathematics).  
CHRISTOPHER CANDLER, M.A. (Camb.), Dip.Ed. (Lond.) (Physics).  
COLIN RAYMOND McGEE, B.Sc. (Physics).  
VICTOR IVOR METCHNIK, B.Sc. (M.I.T.), M.A. (Calif.), Ph.D. (Physics).  
ROY EDWIN WHITE, B.A. (Camb.) (Physics).  
KENNETH VALENTINE RICHARDSON, B.Sc. (Melb.) (Mathematics).  
THOMAS JOHN DICKSON, B.Sc., Dip.Ed. (W.A.) (Mathematics).  
PHILIP THOMAS DOBNEY, B.Sc.  
RICHARD GRAHAM JOHN MILLS, B.Sc.  
RICHARD WALTER AHRENS, B.Sc.  
DENNIS JOHN CLAGUE, B.Sc.  
EDWARD ROBERT SANDERCOCK, B.Sc.

**ELECTRONIC ENGINEERING**

DAVID WILLIAM COX, B.Sc. (Head of Department).  
DONALD WARD GRIFFIN, B.E., F.S.A.S.M., A.M.I.E.E.  
THOMAS REID, B.Sc. (Eng.) (Glas.).  
MALCOLM ROSSWYN HASKARD, B.E., A.M.I.R.E., A.I.E.E.

**SCHOOL OF CHEMICAL TECHNOLOGY AND METALLURGY**

Head of School: TO BE APPOINTED.

ROY VERNON CULVER, Ph.D., A.S.A.S.M., D.I.C.

WILLIAM THOMAS DENHOLM, B.Met.E., M.Eng.Sc. (Melb.), Ph.D.

DUGALD HAUGHTON SLEE, B.A., B.Sc.

HARRY WATTS, Ph.D. (Brist.).

REGINALD EDWARD UNDERDOWN, M.Sc., B.Tech., A.U.A.

FRANTISEK VNUK, B.A., B.Sc., A.S.A.S.M.

JAMES DURIE ESDAILE, B.E.

THOMAS EDWARD RICHARDS, B.App.Sc.

IAN BRUCE KETTERIDGE, B.E.

NEIL GRAHAM SIVIOUR, B.App.Sc.

**DEPARTMENT OF PHARMACY****Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:**

BRUCE LESLIE REYNOLDS, B.Pharm. (Lond.), F.P.S. Appointed 1959.

**Lecturers:**

BASIL JAMES FREDERICK CHRISTIE, Ph.D. Appointed 1962.

BERESFORD HANNAM STOCK, B.Sc., A.U.A. (Pharm.). Appointed 1960.

**Part-time Lecturers:****In Forensic Pharmacy:**

RODERICK CHARLES MCCARTHY, A.U.A. (Pharm.).

**In Commercial Pharmacy:**

RODERICK CHARLES MCCARTHY, A.U.A. (Pharm.).

**DEPARTMENT OF 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.

ANTONY WILLIAM SEDGWICK, B.A. (Birm.). Appointed 1959.

**DEPARTMENT OF SOCIAL STUDIES****Senior Lecturer-in-Charge:**RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr),  
Ph.D. (Birm.). Appointed 1959.**Senior Lecturer:**MARGARET NORTON, B.Com., Dip.Soc.Stud. (Melb.), M.A. (Chic.). Appointed  
Lecturer, 1957; Senior Lecturer, 1963.**Lecturer:**

BRIAN KINGZETT TAYLOR, B.A. (Rhodes), M.A. (Lond.). Appointed 1962.

**Tutor:**

PAMELA ELSIE RINGWOOD, B.A., LL.B., A.U.A. (Soc.Sci.).

**Part-time Tutor:**

PATRICIA MARY PIETEREK, A.U.A. (Soc.Sci.).

**DEPARTMENT OF PHYSIOTHERAPY****Senior Lecturer-in-Charge:**ELMA CERTRUDE CASELY, T.M.M.G., C.S.P. (Lond.), A.P.A. Appointed Lecturer-  
in-Charge, 1946; Senior Lecturer-in-Charge, 1961.**Lecturer:**MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T., C.S.P. (Lond.). Appointed  
1960.**Senior Tutor:**

JEANNE-MARIE ELISABETH GANNE, T.M.M.G., T.E.T., C.S.P. (Lond.).

**Tutor:**

JOANNA PRICE, A.U.A.

**Part-time Lecturers:**

**In Physics of Medical Electricity:**  
ROY STANLEY BURDON, D.Sc.

**In Electrotherapy:**  
HONOR CAMERON WILSON.

**In Theory of Movement:**  
MARY KELL FINNIS

**In Pathology:**  
ROBERT MEADOWS, M.B., Ch.B. (St. And.).

**Part-time Tutors:**

**In practical Electrotherapy:**  
HONOR CAMERON WILSON.  
CLARE ANNE HANNAFORD, A.U.A.  
GARY COLIN GRAY, A.U.A.

**In General Treatments:**  
CLARE ANNE HANNAFORD, A.U.A.  
GEOFFREY DOUGLAS MAITLAND, A.U.A.

**In Children's Treatments:**  
HELEN SCOTT BLAIR.  
MARY KELL FINNIS.  
LOIS HEATH DAIVSON.

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**ANTI-CANCER FOUNDATION**
**Senior Physicist:**

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

**Physicists:**

MERVYN JOHN TOOZE, B.Sc. Appointed 1948.

RALPH LESLIE NICHOLLS, B.E. (Syd.). Appointed 1962.

**Assistant Physicist:****Neoplasm Registrar:**

ELMA SANDFORD MORGAN, M.B., B.S. Appointed 1954.

**Cyto-Pathologist:**

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

**Research Fellow:**

RESA WAKONIG VAARTAJA, Ph.D. (Austria).

## FORMER OFFICERS OF THE UNIVERSITY

## CHANCELLORS

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

## DEPUTY CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Appointed 1958;  
 elected Chancellor 1961.

## VICE-CHANCELLORS

THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide. Appointed 1874;  
 elected Chancellor 1876.  
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief  
 Justice of South Australia. Appointed 1876; elected Chancellor 1883.  
 THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.  
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.  
 JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.  
 WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.  
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,  
 Judge of the Supreme Court. Appointed 1915; elected Chancellor 1916.  
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected Chancellor  
 1942.  
 THE HONOURABLE SIR HERBERT ANGAS PARSONS, LL.B., Judge of the Supreme Court,  
 1942-1945.  
 PROFESSOR JOHN McKELLAR STEWART, C.M.G., D.Phil., Deputy Vice-Chancellor, 1943-  
 1945; Vice Chancellor, 1945-1948.  
 ALBERT PERCIVAL ROWE, C.B.E., B.Sc. (Lond.), LL.D. (Melb.), Hon. Fellow of Imperial  
 College, 1948-1958.

## 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, B.A., LL.B., 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.

## CHAIRMAN 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., E.D., 1954-1960.

## CHAIRMAN OF THE EDUCATION COMMITTEE

THE CHANCELLOR, 1883-1953.  
 PROFESSOR ERIC AROHA RUDD, A.M. (Harvard), B.Sc., 1954-55.  
 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.

## 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.

**Mathematics and Physics:**

HORACE LAMB, M.A., LL.D. (Camb.), F.R.S., 1875-1885.  
 WILLIAM HENRY BRAGG, M.A. (Camb.), F.R.S., 1885-1908.

**Mathematics:**

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. (Belg.), 1928-1954 (Emeritus, 1955).

**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).

**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).

**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.

**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. (Mane.), 1920-1925.  
ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.  
RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-57.  
NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (Lond.), 1958-1961.

**Anatomy:**

ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).  
FREDERIC WOOD JONES, M.B., B.S., D.Sc. (Lond.), F.R.S., 1920-1926.  
HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.), 1927-1929.  
HERBERT JOHN WILKINSON, M.D. (Syd.), B.A., 1930-1936.  
FRANK GOLDBY, M.A., M.D. (Camb.), M.R.C.P. (Lond.), 1937-1944.

**Pathology:**

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.

**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.

**Genetics:**

DAVID GUTHRIE CATCHSIDE, 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).

## CLINICAL TEACHERS

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.

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D. E. DUNN, M.B., B.S. (Adel.), M.R.C.P.

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PROFESSOR G. M. MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.).  
E. B. SIMS, M.D. (Adel.), F.R.A.C.P.

#### Hon. Assistant Pediatricians:

J. S. COVERNTON, M.D. (Adel.), F.R.A.C.P.  
H. M. DOUGLAS, M.B., B.S. (Adel.).

#### Hon. Radiologist:

P. W. VERCO, M.D. (Adel.), M.R.A.C.P., F.C.R.A., F.F.R.

#### Hon. Clinical Assistants to Obstetrical Staff:

H. J. BAILEY, M.B., B.S. (Adel.).  
W. M. S. BOYD, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.Obst.  
(R.C.O.G.).  
F. X. BENCINI, Ph.C., M.D. (Malta), M.R.C.O.G.  
L. R. GOLDSWORTHY, M.B., B.S. (Adel.).  
J. D. LESOUEF, M.B., B.S. (Adel.), L.M. (Rotunda), D.G.O. (Trinity) D.Obst.  
(R.C.O.G.).  
H. R. H. N. OATEN, M.B., B.S. (Adel.), D.Obst. (R.C.O.G.).  
L. J. RICE, M.B., B.S. (Adel.), M.R.C.O.G.  
F. S. RIDDELL, M.B., B.S. (Adel.).  
I. H. F. SWAIN, M.B., B.S. (Syd.), M.M.S.A., M.R.C.O.G.  
H. W. WELCH, M.B., B.S. (Adel.).  
D. C. WIGHTON, M.B., B.S. (Adel.).

#### Medical Superintendent:

I. K. FURLER, M.B., B.S. (Adel.), M.R.C.O.G.

### PARKSIDE MENTAL HOSPITAL

#### Director of Mental Health and Superintendent of Mental Institutions:

W. A. CRAMOND, O.B.E., M.D. (Aberd.), D.P.M. (Lond.).

#### Superintendent:

#### Medical Officers:

J. R. CLAYER, M.B., B.S. (Adel.).  
D. H. DRACUP, L.M.S.S.A. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.P.  
(Edin.).  
M. W. FRITSCH, M.B., B.S. (Adel.).  
K. HALWAX, M.B., B.S. (Adel.).  
L. C. HOFF, M.B., B.S. (Adel.), D.P.M. (R.C.P. and S.).  
W. E. MICKLEBURGH, B.Sc., M.B., Ch.B. (Aberd.).  
L. POTTS, M.B., B.S. (Adel.).  
P. WELLS, M.B., B.S. (Adel.).

## Hon. Gynaecologist:

A. D. BYRNE, M.B., B.S. (Adel.), M.R.C.O.G.

## Hon. Dermatologist:

H. W. LINN, M.D. (Adel.), D.D.M. (Syd.).

## Hon. Ophthalmologist:

D. O. TONKIN, M.B., B.S. (Adel.), D.O. (R.C.P. and S.).

## Hon. Surgeon:

B. F. VENNER, M.S. (Melb.), F.R.C.S. (Eng.), F.R.A.C.S.

## Visiting Neuro-Surgeon:

L. C. E. LINDON, M.B., M.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

## Visiting Refractionist:

E. COUPER BLACK, B.A., M.B., B.S. (Adel.).

## Visiting Neurologist:

J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

## Consulting Physician:

D. E. DUNN, M.B., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.

## TUBERCULOSIS SERVICES

## Chest Clinic and Frome Ward

## Director of Tuberculosis Services:

T. G. PAXON, M.D. (Lond.), M.R.C.P.

## Physicians:

I. M. H. CAMENS, M.B., B.S. (Adel.), M.R.A.C.P.

A. C. SAVAGE, M.B., B.S. (Adel.).

## Clinical Assistants:

D. E. DUNN, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

J. M. GUNSON, M.B., B.S. (Adel.).

J. F. JACKSON, M.B., B.S. (Adel.).

P. E. RICHTER, M.B., B.S. (Durh.).

## Anaesthetists:

W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.), M.F.A. (R.A.C.S.).

J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.F.A. (R.A.C.S.).

J. A. FERRIS, M.B., B.S. (Melb.), F.F.A.R.A.C.S., D.A. (R.C.P. and S.), M.F.A. (R.A.C.S.).

M. C. NEWLAND, M.B., B.S. (Adel.), F.F.A. (R.A.C.S.), D.A. (Melb.).

J. H. STACE, M.B., B.S. (Adel.), D.A. (Melb.), M.F.A. (R.A.C.S.).

## Medical Superintendent, Morris Hospital:

S. GILLIS, M.D. (Liv.).

## Laryngologist:

P. G. JAY, M.B., B.S. (Adel.), D.L.O. (Eng.), F.R.A.C.S.

## General Surgeon:

O. W. LEITCH, M.B., M.S. (Adel.), F.R.A.C.S.

## Thoracic Surgeon:

H. D'A. SUTHERLAND, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

## Assistant Thoracic Surgeon:

J. H. BROWN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

## Part-time Neurosurgeon:

T. A. R. DINNING, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

## REPRESENTATIVES OF THE UNIVERSITY

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- On the Council of St. Mark's College:**  
PROFESSOR SIR MARK MITCHELL, M.Sc.
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- On the South Australian Herbarium Liaison Committee:**  
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HUGH BRYAN SPENCER WOMERSLEY, D.Sc.

## BENEFACTIONS BY PRIVATE PERSONS

## ENDOWMENTS (£1,000 or more)

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

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and in English and Philosophy.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship and exhibitions in Engineering.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.
- 1884-9: Sir Thomas Elder—£1,500 }  
 1884-9: Private Subscriptions—£1,150 } in support of a chair in Music.
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 }  
 1916: Public Subscriptions—£325 } to found a lectureship in Ophthalmic Surgery  
 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 of the estimated value of £20,923 for advancement of medical research (subsequently increased by capitalisation of £10,000 accumulated income).
- 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—£53,307 (estimate) 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—£28,908 (estimate) 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
- 1936: Norman Darling—£5,000
- 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—£51,380 (estimate) to encourage the study of natural history.
- 1939: Mrs. R. F. Mortlock—£5,037 for cancer research.
- 1939: Mrs. L. E. Bateman—£2,553 for cancer research.
- 1940: Sir William Mitchell—£5,000 as an endowment for the purchase of books for the Barr Smith Library.
- 1940: Mrs. Louisa Gardner—£1,500 to found a scholarship in Surgery in memory of Dr. William Gardner; subsequently increased to £2,042.
- 1941: T. E. Barr Smith—£10,000 as an endowment for the purchase of books for the Barr Smith Library.
- 1941: Miss Mabel Shorney—£1,000 to found a prize in memory of Dr. H. F. Shorney.
- 1942: Hugh Hughes—£36,005 (estimate) for pastoral research.
- 1942: The Hon. Sir George Murray—£86,767 (estimate) 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 1953 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.
- 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: From the estate of the late W. H. Sandland—£17,225 for the purposes of the Waite Agricultural Research Institute.
- 1950: W. D. Grigg—£18,304 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—£3,041 to provide help for students in the Faculties of Law and Medicine.
- 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: *Pine Kloof*, subsequently sold for £4,631, for the cultural and recreational benefit of students.
- 1956: Dr. A. J. Schulz—£4,500 for prizes and awards in Education and German.
- 1957: Sewell Myers—£20,000 to establish the Sewell Myers Bequest for research in leukemia.
- 1958: F. Kenneth Milne—£5,000 to found the Kenneth and Hazel Milne Travelling Scholarship in Architecture.
- 1958: Miss A. M. Barnes—£10,429 for the benefit of women undergraduates.
- 1959: George Gollin—£20,000 to endow the chair of Economics.
- 1959: Olive Eva Braund—£3,705 for the purposes of the Anti-Cancer Committee.
- 1959: S. McGregor Reid—£23,747 for cancer research.
- 1959: Mrs. S. McGregor Reid—£90,000 (estimate) for cancer or other medical or surgical research as the University shall think proper.
- 1960: Reginald Walker—£35,000 (estimate) 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—£1,183 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—£35,000 (estimate) for medical research.
- 1962: Sir Tom Barr Smith—£10,500 to establish the Lady Barr Smith Scholarship for cancer research.

## GIFTS (£1,000 or more)

- 1903-7: R. Barr Smith—£1,000 for the purchase of apparatus.  
 1907-12: Anonymous donor—£1,500 for the purposes of the law school.  
 1926: J. T. Mortlock—£2,000 for equipment for the Waite Agricultural Research Institute.  
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.  
 1931: The Hon. Sir George Murray—£2,000 for the general purposes of the University.  
 1937: The Misses L. and E. Waite—£2,000 for the University bridge.  
 1937-60: Professor Sir Mark Mitchell—£13,200 towards the cost of equipment and expenses in the Biochemistry Department.  
 1940-41: Sir Thomas G. Wilson—£1,500 towards the salary of a Director in Obstetrics.  
 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.  
 1948: J. T. Mortlock—£2,000 for investigations into pasture regeneration.  
 1950: J. T. Mortlock: £1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.  
 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.  
 1952: An anonymous donor—£15,000 for the development of Clinical Medicine.  
 1952: Mrs. J. T. Mortlock—£10,000 to support the John Mortlock Research Station at Yudnapinna.  
 1952: £1,212 from the South Australian Members of the Institute of Chartered Accountants in Australia, £880 from the Members of the Adelaide Chamber of Commerce (Inc.), £125 from the Commonwealth Institute of Accountants, and £125 from the Federal Institute of Accountants, to support the establishment of a Readership in Commercial Studies.  
 1954: Anonymous donors—£2,500 for equipment in the Department of Geology.  
 1955: James Waite—£1,000 for the purposes of the Waite Agricultural Research Institute.  
 1956: The Bonython Family—£2,350 for an electronic organ, for the Bonython Hall.  
 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.  
 1957: Professor Sir Mark Mitchell—£1,000 towards the cost of furnishing the new Council Room.  
 1957: Anonymous—£2,000 for various purposes.  
 1958-62: An anonymous benefactor—£70,000 for the Medical School.  
 1959: An anonymous gift of £5,000 for the support of animal research.

## 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—54 volumes including 14 limited editions.
- (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-				The Shell Co. of			
Holden's Ltd. - -	£12,000	0	0	Australia Ltd. -	1,000	0	0
Adelaide University				Sir Claude Gibb -	1,000	0	0
Union Council -	6,000	0	0	Vacuum Oil Co. Pty.			
Broken Hill Pty. Ltd.	5,000	0	0	Ltd. - - - -	1,000	0	0
Advertiser News-				Commonwealth Bank			
papers Ltd. - -	5,000	0	0	of Australia - -	1,000	0	0
Mrs. J. Alwyn Mudge	5,000	0	0	S. Kidman & Co.			
Elder, Smith & Co.				Ltd. - - - -	1,000	0	0
Ltd. - - - -	5,000	0	0	British Tube Mills			
The Broken Hill As-				(Australia) Pty.			
sociated Smelters				Ltd. - - - -	1,000	0	0
Pty. Ltd. - - -	3,000	0	0	Chrysler Australia			
The United Licensed				Ltd. - - - -	1,000	0	0
Victuallers' Asso-				H. V. McKay Charit-			
ciation - - - -	2,500	0	0	able Trust - - -	1,000	0	0
S.A. Associated				The Federal Viticul-			
Brewers - - -	2,500	0	0	tural Council -	1,000	0	0
Imperial Chemical				Ford Motor Co. of			
Industries of Aus-				Australia - - -	1,000	0	0
tralia and New				National Bank of			
Zealand Ltd. - -	2,000	0	0	Australasia Ltd. -	1,000	0	0
Mrs. George Tarlton				Electrolytic Zinc Co.			
Wills - - - -	2,000	0	0	of Australasia Ltd.	1,000	0	0
Members of the Staff				Bank of Adelaide -	1,000	0	0
of the University							
of Adelaide - -	1,860	0	0		67,065	0	0
Mr. K. A. Wills - -	1,105	0	0	Other Gifts totalling	36,695	13	1
Australia and New				As at 31/12/60	-£103,760	13	1
Zealand Bank Ltd.	1,100	0	0				

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	Gifts in 1951-62	£4,312	0	0

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

Architects Board of					S.A. Institute of Archi-				
S.A.	- - - -	£1,750	0	0	itects	- - - -	1,000	0	0
Woods, Bagot, Lay-							7,000	0	0
bourne-Smith and									
Irwin	- - - -	1,250	0	0					
F. Kenneth Milne,					Other donations of vary-				
Dawkins, Boehm and					ing amounts under				
Ellis	- - - -	1,000	0	0	£1,000	- - -	£15,056	12	0
Hassell and McConnell		1,000	0	0					
Harris, Scarfe and Co.									
Ltd.	- - - -	1,000	0	0	Total		£22,056	12	0

DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR  
OF MICROBIOLOGY, 1958-62

South Australian Asso-					Other gifts, totalling	-	6,656	11	4
ciated Brewers	-	£3,000	0	0	Total donations as at				
Advertiser Newspapers					31/12/62	- - -	£10,906	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					
		<u>£24,682</u>	<u>19</u>	<u>1</u>					

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
							<u>£7,099</u>	<u>12</u>	<u>5</u>
					<i>Aquinas</i>				
					Adelaide Development				
					Co. Ltd.	- - - -	2,500	0	0
							<u>£2,500</u>	<u>0</u>	<u>0</u>
					<i>Lincoln</i>				
					Mary E. Seymour	-	1,000	0	0
					Thos. G. Seymour	-	1,000	0	0
					Other gifts, totalling	-	5,820	10	6
							<u>£7,820</u>	<u>10</u>	<u>6</u>
					Total		£46,472	4	0

## PAST AND PRESENT GRADUATES

His Royal Highness George Frederick Ernest Albert, Duke of Cornwall and York (His late Majesty King George V.), LL.D. (Cambridge, 1894)	1901
His Royal Highness Edward Albert Christian George Andrew Patrick David, Prince of Wales (afterwards His Majesty King Edward VIII.), LL.D. (D.C.L. Oxford, 1919)	1920
His Royal Highness Albert Frederick Arthur George, Duke of York (His late Majesty King George VI.), LL.D. (Cambridge, 1922)	1927
His Royal Highness Henry William Frederick Albert, Duke of Gloucester, LL.D. (Cambridge, 1934)	1935
This list was revised in 1931, in 1941, in 1951, and in 1961 by the omission of deceased graduates; it will be similarly revised in 1971. For former Lists see Calendars for 1930, 1940, 1950, and 1960.	
A	
Abbie, Alison Ruth, LL.B.	1958
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941)	1945
† Abbie, Elizabeth Mary, B.A.	1962
Abbott, Clifford Alexander, B.Sc.	1952
Abbott, Charles Anthony Lempriere, LL.B.	1947
Abbott, Derek Athol Lempriere, LL.B.	1950
Abbott, Geoffrey Joseph, B.E.	1921
Abbott, Howard Lockyer, B.A.	1952
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1943
Abbott, Nigel Basil Gresley, M.B., B.S.	1916
Abbott, Nigel Drury Gresley, M.B., B.S.	1944
† Abbott, Warwick Donald Francis, B.Sc.	1960
Abdul Majeed, Siti Khalsom Ruby, M.B., B.S.	1959
Abele, Charles, Ph.D. (B.Sc., 1957)	1962
Abotomey, Olive Wanda, B.A.	1930
Abraham, Samuel Clifford Ethermanasingham, M.B., B.S.	1959
† Adam, Campbell Paterson, B.E.	1961
Adam, Elizabeth Anderson, B.A.	1949
† Adams, Anthony Charles Irvine, M.B., B.S.	1960
Adams, Arthur John Sorby, B.Sc.	1926
Adams, Colin Francis, B.E.	1934
Adams, Dorothy Sorby, M.B., B.S.	1922
Adams, Douglas Charles, B.Tech.	1959
Adams, Edward James Stanley, B.E.	1941
Adams, Graeme Sorby, M.B., B.S.	1956
Adams, John Clifford, B.Ec.	1955
Adams, John Clyde, B.E.	1941
Adams, Reginald Keith Sorby, M.A. (B.A., 1922)	1926
Addison, Stanley Simpson, B.Sc.	1908
Adey, Colin Richard, B.Sc. (Eng.)	1942
Adey, William Ross, M.D., (M.B., B.S., 1943)	1949
Adlam, Kenneth Charles, B.E.	1952
Adlam, Robert Delbridge, B.A.	1957
† Ah Toy, Laurence Cheong, B.Ec.	1961
Ahern, Kevin Barry, LL.B.	1951
Ahrens, Elsie Gladys, B.A.	1955
† Ahrens, Richard Walter, B.Sc.	1960
Aistrophe, Stanley Thomas, B.A.	1954
Aitchison, Erica Nancy, B.A.	1931
Aitchison, Gordon Douglas, M.E. (B.E., 1938)	1952
Aitchison, Gordon James, Ph.D. (B.Sc., 1939; M.Sc., 1945)	1957
Aitchison, Gordon John, B.E.	1927
Aitken, Gilbert William Elliot, M.B., B.S.	1943
Akermans, Charles Henry, M.B., B.S.	1959
Alcock, Dudley Harold, B.A.	1943
† Alcock, John Francis, B.Sc.	1962
Alderman, Arthur Richard, D.Sc. (B.Sc., 1924; M.Sc., 1928)	1943
Alderman, Colin Graham, M.B., B.S.	1943
Aldersey, Algernon Lumley Haydon, B.Sc.	1950
Aldersey, Richard Baker, B.Sc.	1923
† Aldor, Thomas Arthur Menachem, M.B., B.S.	1960
Aleksandrovics, Pavils, B.Tech.	1958
Alexander, Donald John, B.E.	1951
Alexander, Rosemary Margery Blanche, LL.B.	1935
Alexander, William Colin, B.E.	1928
Alexandracivus, Vera, B.D.S.	1954
Alksnis, Ivars Janis, M.A. (B.A., 1959)	1961
Allan, John Brooker, M.B., B.S.	1958
† Allan, Peter Thomas, LL.B.	1962
Allard, James Thomas, B.E.	1956
Allardice, John Graham, B.E.	1950
Allden, William George, M.A. (Cambridge, 1958)	1959
M.Ag.Sc.	1961
Allen, David William, B.E.	1954
Allen, Dulce Dawn, B.A.	1945
Allen, Edgar, M.A. (B.A., 1909)	1913
Allen, Gordon Lewis, B.E.	1951
Allen, Gordon Vivian, B.E.	1936
Allen, Gwenneth Dawn, B.Sc.	1947
Allen, Henry Joshua, M.A. (B.A., 1927)	1929
Allen, James Lawrence, B.A.	1935
Allen, John Bernard, B.A.	1942
Allen, John Howard, B.Sc.	1918
† Allen, Kenneth Craig, B.Ec.	1961
Allen, Kevin Reginald, B.D.S.	1952
Allen, Leonard Nicholls, M.A. (B.A., 1926)	1933
Allen, Lois Waveney, B.A.	1913
Allen (nee Mann), Margaret Noble, B.A.	1927
Allen, Maxwell George, B.Sc.	1949
Allen, Murray William, B.E.	1950
† Allen, Philip Wesley, M.B., B.S.	1960
† Allen, Robert John, B.Sc.	1962
Allen, Roy, M.B., B.S.	1951
Allen, Shirley Hope, B.Sc.	1943
Allen, Thomas Howard, M.B., B.S.	1953
Allen, William Douglas, B.Sc.	1934
Allert, Margaret Elizabeth, B.A.	1950
Allison, John Kenneth, B.A.	1939
Alksnis, Ivars Janis, B.A.	1959
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Almond, William Wesley, B.Sc. (Eng.)	1945
† Alpers, John Henry, M.B., B.S.	1960
Alpers, Michael Philip, B.Sc.	1956
M.B., B.S.	1961
Altman, Olive Stella, B.A.	1948
Altmann, Arthur Richard, B.E.	1920
Altmann, Frank William, M.B., B.S.	1959
Altmann, Herbert Franz, M.B., B.S.	1922
Alwyn, John Edward Stacey, M.B., B.S.	1958
Ambastha, Harendra Narayan Sinha, M.Ag.Sc.	1954
Ambrose, Betty Rosslyn, M.B., B.S.	1936
Ambrose, John Rosslyn, M.B., B.S.	1943
Amey, Douglas John, B.E.	1956
Amey, Ian Frank, B.E.	1959
Amey, Lloyd Ronald, B.Ec.	1951
Amos, George Lewis, M.Sc. (B.Sc., 1936)	1939
† Amos, Kenneth Albert, B.Sc.	1960
Anastas, George, M.B., B.S.	1959
Ancell, Brian Edward John, M.B., B.S.	1957
Andary, Dean, B.D.S.	1956
Anders, Douglas John, B.Sc.	1936
Anders, Ralph Charles, B.E.	1934
† Andersen, Graham John, M.B., B.S.	1961
Andersen, Kerstin Lillemor, B.A.	1934
Anderson, Adrian Akhurst, B.E.	1925
Anderson, Alan Bruce, B.Sc.	1922
Anderson, Albert Raymond, M.B., B.S.	1951
Anderson, Alex Gordon, B.Sc.	1953
Anderson, Alison Margaret, B.A.	1937
Anderson, Aubrey James Clifton, B.A.	1947
† Anderson, Barry Charles, B.Sc.	1962
Anderson, Claude Leonard, M.B., B.S.	1933
Anderson, Colin Charles, B.Sc. (Eng.)	1944
Anderson, Donald Robert Ross, M.B., B.S.	1947
Anderson, Dorothy Kathleen Ross, M.B., B.S.	1942
Anderson, Douglas Bruce, B.E.	1952
Anderson, Geoffrey Fraser, LL.B.	1943
Anderson, Gordon Athol, Mus.Bac.	1958
B.A.	1959
† Anderson, Graham Lancelot George, B.Sc.	1960
Anderson, Gwendoline Mary, B.A.	1933
Anderson, Isabella, B.A.	1930
Anderson, Jack Sidney, M.B., B.S.	1944
Anderson, John Brayton, M.B., B.S.	1957
† Anderson, Joseph Garry, B.Tech.	1961
Anderson, Kevin, M.D. (London, 1951)	1960
Anderson, Malcolm Webber, B.E.	1955
Anderson, Max Kimberley, M.B., B.S.	1943
† Anderson, Paul Joseph, M.B., B.S.	1962
Anderson, Peter Cameron, M.B., B.S.	1955

† Not yet Members of the Senate.



Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932)	1933	Basheer, Keith Cameel, M.B., B.S.	1953
M.Ag.Sc.	1933	Basheer, Max Rafeek, LL.B.	1952
Balmer, Jean Jacques, B.A.	1953	† Basheer, Ray, B.E.	1962
† Bamford, Robert Leslie, B.E.	1961	Bassett, Maxwell Auger, B.Ec.	1951
Bampton, Colin Charles, B.Sc. (Eng.)	1942	† Basson, Alfred Graham, B.Ag.Sc.	1960
Bampton, John Charles, M.B., B.S.	1954	Basten, Henry Bolton, M.A. (Oxford, 1954)	1954
Banks, Alan, B.E.	1948	Bastian, Elwin Scott, B.A.	1956
Banks, Alan Walker, M.Sc.	1958	Basto, Antonio Alberto, B.Ec.	1957
Bannigan, John Thornton, B.Sc.	1949	Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931
Bannister, Lloyd Benjamin, B.E.	1951	Batchelor, John, B.E.	1956
Banos, Poppy Kallitopi, B.Sc.	1954	Bateman, Gretel Mary, B.Sc.	1958
Banyer, Robert John, B.Sc.	1959	Bateman, Peter Patrick, M.B., B.S.	1950
Barber, Howard Frank, B.A.	1939	Bateman, Wilfrid, B.Sc.	1941
Barber, Kenneth, B.Sc.	1944	Bateman, Winston Trevor, B.E.	1956
Barbour, John Russell, M.S. (M.B., B.S., 1934)	1944	Bates, Brian Lewis, B.Sc.	1947
° Barbour, Robert, B.A.	1916	† Bates, Robert Thomas James, M.B., B.S.	1962
Barbour, Robert Angus, M.D. (M.B., B.S., 1955)	1962	Bates, William George James, B.E.	1935
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930)	1930	† Bateup, John Fraser, B.E.	1960
Barden, Ronald George, B.E. (B.Sc. (Eng.), London, 1947)	1954	† Battersby, Robert Hilton, B.Arch.	1961
Ph.D.	1957	Bath, Donald James, B.E.	1950
Barker, Alwyn Bowman, B.E.	1923	Batty, Gavin Ross, B.E.	1949
B.Sc.	1931	Baudinet, Walter Hooper, M.B., B.S.	1935
† Barker, Anthony Alfred, B.Sc.	1961	Bauer, Franz, M.B., B.S.	1942
Barker, Denis, M.B., B.S.	1956	† Bauer, Noel Westley, B.Sc.	1962
Barker, Edgar James, B.E.	1936	Baum, Murray Richard, B.A.	1955
Barker, Shirley Bowman, M.B., B.S.	1954	Bawden, Albert Victor, B.A.	1930
Barlow, Douglas Arthur, B.Sc.	1942	Bawden, Maxwell George, M.B., B.S.	1954
Barlow, Douglas John, M.B., B.S.	1959	Bawden, Thomas Edward, B.Sc.	1956
Barlow, Grace Barbara, B.A.	1951	Baxter, Reginald Robert, B.Sc.	1912
Barlow, Marguerite Mora, M.B., B.S.	1947	Baxter, Robert Crawford, B.Ag.Sc. B.Ec.	1959
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Bayliss, Colin Evan, M.B., B.S.	1961
† Barlow, Peter Francis, B.E.	1962	† Bayly, Elizabeth Jean, B.A.	1951
Barnard, Howard Lucas, B.E.	1924	† Baynes, William Hendrie, B.A.	1960
Barnard, Marguerita Mira, B.A.	1911	Bazeley, Austin Joseph, B.D.S.	1961
† Barnden, Frederick Wayne, B.Ag.Sc.	1962	Bazeley, Francis, B.E.	1955
Barnden, Vina Melba, Mus.Bac.	1935	† Beacham, Kenneth William, B.E.	1950
Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951	Beames, Lloyd Arthur, B.Tech.	1961
Barnes, David Thomas, M.B., B.S.	1951	Bean, Sir Edgar Layton, B.A. LL.B.	1959
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959	Bean, Edgar Stewart, M.B., B.S.	1913
Barnes, Frederick Lynne, B.Sc.	1938	Bean, Malcolm James Layton, B.D.S.	1922
Barnes, Marjorie Joyce, LL.B.	1937	Beaney, Harold Leigh, M.E. (B.E., 1932)	1947
Barnes, Robert, M.B., B.S.	1948	Beard, Donald Douglas, M.B., B.S.	1959
Barnes, Ronald David, B.Ec.	1955	Beard, Jack Roland Stanley Grose, M.B., B.S.	1947
Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950	Beard, Roland Maurice Charles Georges, M.B., B.S.	1914
Barnett, Samuel Powell, M.B., B.S.	1927	Beare, Hedley, B.A.	1946
Barnfield, George Thomson, LL.B.	1937	Beare, James Hudson, M.B., B.S.	1954
Barr, Alan Marshall, M.B., B.S.	1957	Beare, John Alan, B.Ag.Sc.	1937
Barr, Helen Elizabeth, B.Sc.	1947	† Beare, Lynden Day, B.A.	1960
Barrett, Arthur Jeremy, B.Ec.	1959	Beare, Thomas Hudson, M.B., B.S.	1952
† Barrett, Beverley Noelle, B.A.	1960	Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1951
Barrett, Harold John, B.A.	1956	Bearman, Imelda, B.A.	1952
Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949	Beasley, Victor John, B.A.	1957
Barrett, William Vernon, B.A.	1949	Beaton, Doris Jean, LL.B.	1940
Barrett-Lennard, Lancelot, M.B., B.S.	1947	Beauchamp, Edward Benjamin, LL.B.	1927
Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938	Beaumont, Gordon Dean, M.B., B.S.	1959
Barrien, John, B.E.	1948	Beaumont, Olive Sowter, B.A.	1939
Barritt, Lola Marjory, B.A.	1955	Beaumont, Paul Charles, B.A.	1921
Barrow, Peter McKee, B.Ag.Sc.	1949	Beck, Alan Beavis, M.Sc. (B.Sc., 1930)	1932
Barry, Brian Robert, B.Ec.	1950	Beck, Kevin Charles, B.Sc.	1957
† Barter, Colin Edwin, M.B., B.S.	1962	Beck, Merlin Benjamin, B.Ag.Sc.	1949
Barter, Francis Charles, LL.B.	1931	Beck, Robert George, B.Ag.Sc.	1941
† Barter, Ian Walter, M.B., B.S.	1962	Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956)	1959
Barter, Kenneth Edwin, B.A.	1931	Beckwith, Ralph Symonds, B.Sc.	1944
Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953	Beckwith, Shirley Katie, B.A.	1939
Barter, Ruth Estelle, B.A.	1931	Bednall, Brian Herbert, B.Sc.	1925
Bartholomaeus, Clifford Geoffrey, B.E.	1930	Bednall, David Maurice, LL.B.	1953
Bartholomaeus, Edmund Stanley, B.A.	1914	Bednall, Ian William Gordon, B.E.	1958
Bartholomaeus, Richard Voules, B.D.S.	1955	Bednall, Maurice William, LL.B.	1924
Bartholomaeus, Nancy Irene, B.A.	1939	Beech, Ernest Robert, M.B., B.S.	1932
Bartlett, Brian Mervyn, B.Sc.	1949	Beech, Margaret Doris, B.Sc.	1952
Bartlett, William John, M.A. (B.A., 1912)	1914	Beecham, Anthony Frank, B.Sc.	1950
† Bartley, Helen Louise, B.A.	1962	Beer, Barbara Helen, M.B., B.S.	1956
† Barton, Alan Reginald, B.Sc.	1962	† Beer, Donald Robert, B.A.	1961
Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960	Begg, Barbara Rosemary, B.Sc.	1947
Barton, David Charles, M.B., B.S.	1956	Begg, Betty Shannon, M.B., B.S.	1949
Barton, Felix Kingston, B.A.	1911	Begg, Malcolm William, M.B., B.S.	1956
Bartsch, Kenneth Murray, B.E.	1958	Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932
Barwell, Mary Gilbert, B.A.	1926	D.D.Sc.	1935
Basedow, Bernhard Frederick, B.Ec.	1954	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918
Basedow, Karl Johannes, M.B., B.S.	1938	† Behrens, Dietrich Wilhelm Frido, B.A.	1960
		Behrmdt, Arthur Clive, M.B., B.S.	1948

° Deceased.

† Not yet Members of the Senate.

Beilby, Bruce Parnell, B.E.	1952	Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935
Beilby, Jack Canavan, M.B., B.S.	1956	Biddle, Enid Barbara, B.A.	1948
Bell, Donald George, B.A.	1941	Biddle, Gordon Crawford, B.Sc.	1950
Bell, Franklyn Gilbert, M.B., B.S.	1949	Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958
Bell, Thomas Norman, Ph.D. (Durham, 1957)	1959	Biele, Keith William, B.Ec.	1952
Beltrame, Gino Ernest, B.E.	1957	†Biernert, Gunter Horst, B.Sc.	1960
Bender, Jill Margaret, B.A.	1954	†Bieske, Elaine Alison, B.Sc.	1962
Benjaminson, Albert, B.E.	1951	†Biggins, George Edward, B.E.	1960
Bennett (nee Berriman), Annie Stevens, B.A.	1919	†Billing, Robert Heaton, B.Ec.	1960
Bennett, Charles Gordon, B.A.	1922	Billinghurst, Harry, B.E.	1954
Bennett, David John, B.Sc.	1932	Billinghurst, Onslow Chestle, B.E.	1958
Bennett, Donald Collier, M.B., B.S.	1946	Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	1952
Bennett, Donald John, B.E.	1954	Bills, Allan Maynard, B.A.	1931
Bennett, Floyd Chester, B.A.	1951	Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Bennett, Frederick Norman, B.A.	1905	Bills, David Charles, B.Sc.	1950
Bennett, Graham Leslie, M.B., B.S.	1935	Bills, Lawrence McAusland, LL.B.	1937
†Bennett, Gregory William, B.Sc.	1961	Bills, Malcolm Bruce, B.D.S.	1947
Bennett, Henry Trevor, LL.B.	1950	†Bilney, Gordon Neil, B.D.S.	1962
Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	1958	Bilney, Neil Joseph, B.A.	1938
Bennett, John Barkly, M.B., B.S.	1947	†Bilton, Anthony Herbert, M.B., B.S.	1958
Bennett, John Henry, Ph.D. (Cambridge, 1952)	1957	†Binks, Jennifer Anne, B.A.	1962
Bennett, John Nelson, LL.B.	1944	Birks, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937
Bennett, Keith McQuarrie, B.E.	1925	Birch, John Bright, M.B., B.S.	1915
Bennett, Malcolm Gordon, B.A.	1958	Birch, Louis Charles, D.Sc. (M.Sc., 1941)	1949
Bennett, Mary Gilmour, B.Sc.	1951	Birchall, Nicholas John Wardlaw, LL.B.	1956
Bennett, Richard Barkly, M.B., B.S.	1948	Bird, Alan Francis, M.Sc.	1955
Bennett, Richard Clayton, M.B., B.S.	1954	Bird, Peter Allan, B.A.	1958
Bennett, Thomas Southall, B.A.	1933	Birdseye, Sydney Alick, M.B., B.S.	1951
Bennett, William Barkly, M.B., B.S.	1956	Birks, Peter Macintyre, M.B., B.S.	1934
Bennier, Donald John, B.E.	1951	Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	1960
Benskin, Frederick George, M.A. (Oxford, 1900)	1923	Birks, Walter Gordon, M.B., B.S.	1937
Benson, Colin John, M.B., B.S.	1953	Birks, Walter Richard, B.Sc.	1910
Benson, Maurice Bernard, B.A. (London)	1950	Birrell, Archibald Novar, B.E.	1957
Benson, Richard Neville, M.B., B.S.	1953	†Bishop, Anthony Ralph, LL.B.	1961
Benson, William Herbert, M.B., B.S.	1951	Bishop, John Neil, B.Ec.	1958
Bentley, Alan, M.B., B.S.	1953	†Bishop, Michael Marriott, B.E.	1960
Bentley, John Donald, B.A.	1951	†Bishop, Peter Joseph, B.E.	1962
Bentley, William James, B.A.	1935	Biswas, Samarendra Nath, Ph.D.	1958
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949	Bitnead, Francis Vincent, B.A. (Western Australia, 1949)	1960
Beretka, Julius Gyula, M.Sc.	1962	Bittner, Anita, B.A.	1956
Berndt, Kenneth Lewis, B.Sc.	1937	Black, Edward William, Mus.Bac.	1925
†Berndt, Margaret Burgoyne, B.A.	1962	Black, Eustace Couper, M.B., B.S.	1910
Berriman, Ian Palmer, B.E.	1955	B.A.	1957
Berriman, Peter Souter, B.Sc.	1954	Black, James Foster Barham, B.E.	1955
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered)	1919	Black, Nancy Helen Barham, M.B., B.S.	1951
Berry, Frances Winifred, M.A. (B.A., 1915)	1919	Blackburn, Sir Charles Bickerton, B.A.	1893
†Berry, Leslie Thomas McCloud, B.Sc.	1962	Blackburn, Harold Stewart, M.B., B.S.	1942
Berry, Patricia Dean, B.Sc.	1952	Blackburn, John Stewart, B.A.	1914
Berry, Philip Alan, M.Sc. (B.Sc., 1919)	1934	Blackburn, Margaret Alison, B.A.	1951
Berry, Thomas Bruce, B.D.S.	1953	Blackburn, Richard Arthur, B.A.	1939
†Berryman, Donald Wilson, B.Tech	1962	Blackburn, Robert Stewart, B.D.S.	1941
Berryman, Maurice James, B.E.	1956	Blackburn, Suzanne Burton, M.B., B.S.	1948
Bert, Ernest Julius, B.E.	1921	Blacket, Alison Flora, B.A.	1954
Bessant, Dorothy Elizabeth, B.A.	1952	Blacket, Arthur Howard, B.A.	1927
Best, Effie Deland, B.Sc.	1953	Blacket (nee Dickinson), Edith Grace, B.A.	1926
Best (nee Deland), Effie Wyllie, M.Sc., (B.Sc., 1926)	1930	†Blacket, Margaret Edith Wilmot, B.A.	1960
†Best, Michael Robert, B.A.	1961	†Blackman, Lynette Nancy, B.A.	1960
†Best, Rupert Faraday, B.Tech.	1960	Blackmore, Gerda, B.A.	1958
†Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	1948	Blackwell, Muriel, B.A.	1954
Bested, Gordon John, B.A.	1942	Blades, James Frederick, B.A.	1947
†Betcher, Kelvin Bernard, M.B., B.S.	1961	Blaess, Frederick John Henry, M.A. (B.A., 1938)	1943
Betheras, Frank Rex, M.B., B.S.	1957	Blaess, Ronald Frederick, B.A.	1943
†Bettison, Irvine James, B.A.	1961	Blair, David Scott, B.E.	1949
Bettison, Margaret Selina, B.A.	1949	Blair, Joan Scott, B.A.	1949
Betts, Beatrice Berenice, B.A.	1933	Blair, Ruth Margaret, B.A.	1951
Betts, William James, M.B., B.S.	1941	†Blake, Alastair Joseph, B.Sc.	1962
Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	1960	Blake, Milton Audley, B.Sc.	1923
Bevan, Medhurst Llewellyn Willett, LL.B.	1931	Blakeway, Lionel Norman, B.A.	1948
Bevan, Rosalind Mary Willett, LL.B.	1959	Blanch, Beverley Ruth, B.Sc.	1956
†Beven, Raymond Harold, B.Sc.	1962	†Blanden, Robert Vincent, B.D.S.	1961
Beverley, David William Ernest, B.E.	1951	†Blandy, Richard John, B.Ec.	1961
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	†Blanksby, John William, B.Sc.	1961
Beviss, Archibald Charles Kidman, B.A.	1947	Blaskett, Alan Charles, B.Sc.	1950
Bhavilai, Ravi, M.Sc.	1952	Blaskett, Donald Reginald, B.E.	1940
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	1944	Blaskett, Kenneth Selway, B.E.	1931
*Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920	Blaskett, Malcolm John, B.E.	1959
†Bickerton, Ian James, B.A.	1961	Blaskett, Sydney Norman, B.E.	1928
		Bleby, Dorothy Aileen, B.A.	1930
		Bleby, Gordon Edward Henry, LL.B.	1931
		Bleby, John Raymond, B.A.	1933

\* Deceased.

† Not yet Members of the Senate.

Bleby, Thelma Evelyn, LL.B.	1923	Bowler, John Kirkpatrick, M.B., B.S.	1937
†Blesing, Neville Victor, B.Sc.	1962	†Bowles, John Raymond, B.Sc.	1961
Blesing, Rae Flora, B.A.	1947	Bowness, Alexander, B.Ec.	1947
Blight, John Malcolm, B.Sc.	1950	Bowyer, Donald Albert, B.E.	1957
Blight, Thomas David, B.Sc.	1951	†Box, David Richard, B.Tech.	1962
Bloomfield, Allan John, B.D.S.	1939	Boyce, Althea Enid, B.A.	1930
Bloomfield, Denis Alexander, M.B., B.S.	1956	†Boyce, Colin John, B.Arch.	1962
Bloomfield, Jack Lee, B.Ec.	1943	†Boyce, Malcolm Herbert, B.Tech.	1960
Blown, William Baker, B.E.	1930	†Boyce, Peter James, B.Tech.	1960
Blum, John, B.D.S.	1955	Boyce, Robert William, B.E.	1954
Boas, Isaac Herbert, B.Sc.	1899	Boyce, Sidney Herbert, B.E.	1928
Bockman, David, M.B., B.S.	1959	†Boyd, Ashley James, B.Sc.	1960
Bodmer, Noel Frederick John, M.B., B.S.	1955	Boylan, Francis Eugene, LL.B.	1953
Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949)	1955	Boyle, Kevin William, B.E.	1949
Boehm, Jack, LL.B.	1952	Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	1947
Boehm, Rolfe Vernon, B.E.	1935	Braham, Roy Andrew, B.E.	1956
Boehm, Walter Gotthilf, B.A.	1953	Brackham, Maurice John, B.A.	1947
Boer, Edward Douglas, M.B., B.S.	1942	†Bradbury, James Samuel, B.Tech.	1960
†Boettcher, Barry, B.Sc.	1962	Braddock, Lyall Arthur, B.Ec.	1944
Bogner, Robert Eugene, M.E. (B.E., 1956)	1959	Braden, Allan Walter Horace, B.Sc.	1947
Bolin, Beverley Louise, B.E.	1948	Bradley, James, B.Tech.	1959
Bollen, Derek Willoughby, LL.B.	1951	Bradley, Michael Charles, M.A. (B.A., 1955)	1960
Bollen, Kenneth Willoughby, M.B., B.S.	1918	†Bradtko, Walter John, M.B., B.S.	1960
Bollen, Peter Willoughby, B.Sc.	1957	Bragg, Sir William Lawrence, B.A.	1908
†Bolt, Janet, B.A.	1961	Braham, Henry Arnold Collyer, B.A.	1959
Bond, Leonard Gordon, B.A.	1924	Brain, Patricia Ethel, M.B., B.S.	1957
Bond, Roy Douglas, B.Tech.	1958	Brame, Alan John Fisher, B.E.	1951
Bone, Maxwell Harold, B.A.	1938	Bramwell, Myra Gladys, B.A.	1940
Bonig, Alois Otto, B.A. (Melbourne, 1959)	1961	Brand, Ian Allen George, M.B., B.S.	1957
Bonner, Brian Christopher, B.Sc.	1950	Brandstater, Bernard John, M.B., B.S.	1951
M.B., B.S.	1957	Brandstater, Rhona, B.Sc.	1949
Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	1955	†Branford, John Andrew, B.Tech.	1960
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947	Branford, Neil Leslie, B.Ec.	1959
Bonnin, Lansell, M.B., B.S.	1941	Branson, Colin William, B.Ec.	1953
Bonnin, Murray Frew, LL.B.	1936	Branson, Dean Martin, M.B., B.S.	1955
B.A.	1947	Branson, Harold Randolph, M.B., B.S.	1921
Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944	†Branson, Kenneth George, B.Ec.	1961
Bonython, Charles Warren, B.Sc.	1938	†Branson, Robert James, B.Ec.	1962
Bonython, John Langdon, B.A. (Cambridge, 1928)	1928	Brasch, Leonard William, B.Sc.	1950
Bonython, Richard Martin, B.Ag.Sc.	1957	†Brauer, Arne, B.Ec.	1960
Booker, Robert Franklin, M.A. (B.A., 1927)	1933	Brauer, Edwin Harold, B.A.	1947
†Boomer, Robert Garth, B.A.	1962	Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	1905
Boomsma, Clifford David, M.Sc. (B.Sc., 1946)	1949	Brauer, Thomas, B.Tech.	1959
Boon, Kwong Kah, B.E.	1959	Braunthal, Norman Frank, B.Ec.	1947
Boord, Frederick Hughes, B.A.	1956	Brawn, May, M.A. (B.A., 1922)	1924
Boord, Leslie, B.E.	1953	Bray, Andrew Mackie, M.E. (B.E., 1950)	1960
Booth, Edward Stirling, B.Sc.	1932	Bray, Elva Mildred, B.A.	1941
Booth, Jean Marie, Mus.Bac.	1944	Bray, Gildart Harvey, M.A., (Aberdeen, 1890)	1891
†Borchardt, Mary Pauline, B.A.	1961	Bray, Isabel Mary, B.Sc.	1951
Borick, Kevin Vincent, LL.B.	1959	Bray, John Jefferson, LL.D. (LL.B., 1932)	1937
Borland, Francis Thomas, M.A. (Melbourne)	1952	Bray, John Marmion, B.Sc.	1942
Boros, Peter George, B.E.	1959	Bray, Kenneth William Arthur, M.A.	1962
Borrow, Keith Travers, LL.B.	1939	Bray, Robert Stow, B.Sc.	1942
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947	Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928)	1930
Bosher, Peter Abel, B.E.	1950	Bray, William Harry, LL.B.	1951
Bosher, Victor James Marcel, M.Sc. (B.Sc., London)	1949	Brazel, James Francis, LL.B.	1926
Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931)	1938	Brazier, John Richard, B.A.	1948
†Both, Ross Andrew, B.Sc.	1960	Breakey, Angus James, B.E.	1953
Botham, John Robert, B.Ag.Sc.	1950	Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939
Botten, Robert Gray, M.B., B.S.	1949	Brealey, Keith Lisle, B.Sc.	1951
†Bottrill, Dean Edward, B.Ag.Sc.	1961	Brearley, Maurice Norman, Ph.D.	1958
Boucaut, James Penn, LL.B.	1939	Brebner, Charles Ross, LL.B.	1954
Boucaut, William Ray Penn, B.Sc.	1958	Brebner, Donald Malcolm, LL.B.	1951
Boundy, Clive Alfred Paul, B.E.	1935	Bree, Ellen Ruth, B.A.	1942
Boundy, Rex, B.E.	1923	Bree, Joan Alison, B.Sc.	1948
Boundy, William Stevenson, B.Sc.	1950	Brentnall, George Rex, M.B., B.S.	1953
Bourke, Elma Marie, B.A.	1933	Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1957
Bourke, Herbert Merwin, M.B., B.S.	1922	Brett, Peter Robin, B.Sc.	1956
Bourne, Malcolm Cornelius, B.Sc.	1949	Breynard, Keith Beaumont, B.E.	1956
Bowden, John Gilmore, B.Sc.	1954	Brice, Annette, B.A.	1954
Bowden, Kevin Benjamin, B.E.	1951	Brice, Emilie Una, B.A.	1937
Bowden, Wallace Auckland, M.B., B.S.	1953	Brice, Helen Elizabeth, B.Sc.	1953
Bowen, Maurice Emanuel, LL.B.	1956	Brice, John Marshall, B.Sc.	1951
Bower, Cathy Hilary, B.A.	1952	Brideson, Hedley Cyril, B.A.	1943
Bowering, Beryl, M.B., B.S.	1933	Bridge, Kennedy James, B.A.	1959
Bowering, Douglas Charles, M.B., B.S.	1954	Bridgland, Milton Deane, B.Sc.	1942
Bowering, Owen Wheatley, M.B., B.S.	1937	Bridgland, Reginald James, M.E. (B.E., 1930)	1935
Bowes, Colin Robert, B.Sc.	1945	Bridgen, James Bristock, B.A. (Oxford, 1920)	1926
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945)	1948	Bright, Charles Hart, B.A.	1934
Bowes, Keith Russell, M.A. (B.A., 1955)	1958	LL.B.	1934
Bowey, Allan Edgar, B.Sc.	1953	Brindal, Rosemary Barbara, M.B., B.S.	1949
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Brindal, William Harley, B.D.S.	1956
Bowey, Ross Richard, M.B., B.S.	1948	Brisbout, John Augustus Roger, M.B., B.S.	1950
		Broadbent, Eric Elihu, M.B., B.S.	1917

† Not yet Members of the Senate.

Broadbent, Henry Neil Gribble, B.E.	1952	Brown, Richard Archibald, B.E.	1954
Broadbent, Ian Nicholas, M.B., B.S.	1954	Brown, Robert Foster, LL.B.	1936
Broadfoot, Kenneth Davidson, B.E.	1954	Brown, Roger Norman, Ph.D. (B.Sc., 1952)	1959
† Brock, Brian James, B.Sc.	1961	Brown, Ross Alvarez, M.B., B.S.	1951
Brock, Erland Jeffrey, B.A.	1955	Brown, Tasman, B.D.S.	1950
Brock, Rex Richard Ashby, M.B., B.S.	1949	† Brown, Trevor Anthony, B.Tech.	1962
Brock, Robert John, B.E.	1955	Brown, Warwick Day, B.Sc.	1944
Brockhoff, John Ashleigh, B.Sc.	1956	† Browne, Francis Geoffrey, B.Tech.	1960
Brockhurst, Peter John, B.Tech.	1959	Browne, Noel John, M.B., B.S.	1953
Brocksopp, John Ernest, LL.B.	1934	Browne, Philip, M.A. (B.A., 1920)	1928
Brockway, George Ernest Emerson, B.Sc.	1921	Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951)	1959
† Broinowski, Helen Mary, M.B., B.S.	1962	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	1951
† Broinowski, Richard Philip, LL.B.	1962	Bruce, Clifford Roy, B.A.	1949
Brokensha, Peter, B.E.	1950	† Bruce, Robert Lake, B.Tech.	1960
† Brokenshire, Alan Richard, B.Sc.	1962	Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923)	1926
Bromfield, Donald Hamilton, M.B., B.S.	1946	† Bruer, Michael Jeffrey Gartrell, B.A.	1960
Bronner, Rudolph, M.A. (B.A., 1912)	1926	Brummit, Donald William, M.B., B.S.	1938
Brook, Donald Leslie, B.E.	1949	Brummit, Peter Elliott, M.B., B.S.	1957
† Brook, John Oliver, B.Sc.	1962	Brummit, Robert, M.B., B.S.	1955
Brook, Richard John, B.Sc.	1956	Brunt, Maureen Doris, B.Ec. (B.Com., Melbourne, 1951)	1960
† Brook, Robert Renk, B.Sc.	1962	Bryan, Claude John Dennis, M.B., B.S.	1950
Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935)	1939	Bryan, Peter Kaye, M.B., B.S.	1954
Brooke, Malcolm Archibald, B.E.	1925	Bryant, Kenneth Hyett, M.B., B.S.	1955
Brooke, Peter Michael, B.E.	1958	† Bryant, Kevin Harry John, B.Sc.	1962
Brooke, William Charles Robert, B.E.	1951	† Bryce, Eric Albert, Mus.Bac.	1962
Brooker, Murray Ian Hill, B.Ag.Sc.	1957	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Brookman, Benjamin Edward, M.B., B.S.	1944	† Bubela, Bohdan, B.Sc.	1961
Brookman, Graham George, B.E.	1949	† Buber, Kenneth Max, B.A.	1962
Brookman, John Gordon, B.E.	1937	Buchan, Howard James, B.Sc. (Sydney, 1950)	1955
Brookman, John Ragless, M.E. (B.E., 1913)	1925	Buckley, Joseph Edward, B.Sc.	1950
Brooks, Brian John, B.E.	1951	Buckley, Reginald Clement, B.E.	1931
† Brooks, Bruce Allen, B.E.	1960	† Buick, Ross Raymond, B.Tech.	1962
Brooks, Colin Charles, B.Sc.	1959	Buick, William George, B.A.	1956
Brooks, David Stirling, M.E. (B.E., 1955)	1958	Bulbeck, Francis Paul, B.E.	1951
Brooks, George Herbert, B.Sc. (Eng.)	1943	Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	1953
Brooks, Hector Buckland, B.Ag.Sc.	1954	Bull, Winnifred, B.A.	1943
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955	Bullas, Leonard Raymond, M.Sc. (B.Sc., 1953)	1957
Brooks, James Alfred, B.Sc.	1952	Bulling, William John, B.E.	1939
Brooks, Joyce Dardanella, B.A.	1945	Bullock, John Hynam, B.E.	1936
Brooks, Merle Olive, B.A.	1947	† Bulkeley, Robert Ion Pierston, B.A.	1962
Brooks, Mervyn Leslie, B.Sc.	1948	Bundey, David Hamilton, B.E.	1951
Brooks, Richard Rodney, B.E.	1935	Bundey, John Goode, M.B., B.S.	1947
Broomhead, Edwin Norman, M.A. (B.A., 1938)	1940	Bunbrock, William John, B.E.	1952
Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931	Bunney, Roger Saunders, B.Sc.	1952
† Brougham, John Harvey, B.E.	1960	Bunney, Bronte Rowland, B.Sc.	1951
Broughton, Rodney Whitfield-Smith, B.E.	1953	Bunney, Judith Anne, B.A.	1956
Brous, Michel, M.B., B.S.	1945	Burchett, Kemer Ann, LL.B.	1953
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926	B.A.	1954
Brown, Cyril Maitland Ash, B.A.	1932	Burchmore, John William, M.B., B.S.	1959
† Brown, Denis Hackett, B.Sc.	1960	Burdett, John Charles, LL.B.	1951
Brown, Donald Edgar, B.A.	1954	Burdon (nee McRostie), Ella Kate, B.A.	1915
Brown, Dougal Hamilton, B.E.	1948	Burdon, Geoffrey Jasper, B.E.	1949
Brown, Enid Norma, B.A.	1939	Burdon, Ivor Leslie, B.A.	1943
Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914	Burdon, Kenneth Roy, M.B., B.S.	1949
Brown, Frederick George, B.A. (London, 1898)	1906	Burdon, Roy Stanley, D.Sc. (B.Sc., 1916)	1935
B.S.C.	1910	Burfield, Arthur, B.A.	1934
† Brown, Garth Raymond, B.Ag.Sc.	1961	Burfield, Brenton Graham, B.D.S.	1959
Brown, Graham Barrett, B.E.	1952	† Burfield, Geoffrey Donald, M.B., B.S.	1962
Brown, Geoffrey Frank, B.Sc.	1952	Burfield, Lance Samuel, B.E.	1940
Brown, Geoffrey Ivan, M.D.S. (B.D.S., 1946)	1961	† Burford, Edward Brian, B.E.	1960
Brown, Geraldine Whittle, B.Sc.	1949	† Burford, John Roland, B.Ag.Sc.	1961
Brown, Henry, M.A. (B.A., 1920)	1924	Burford, Mary Jill, B.Sc.	1957
B.E.C.	1936	Burford, Robert Royce, B.Sc.	1955
Brown, Howard Arthur, B.E.	1938	Burford, Warren Lindsay, B.Sc.	1945
Brown, Ian, B.Sc.	1940	Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927)	1940
Brown, James Howard, M.B., B.S.	1944	Burgess, Annie Frances, B.A.	1909
Brown, Jennifer May, M.B., B.S.	1957	Burgess, John Albert, B.E.	1957
Brown, Joan, B.Sc.	1954	Burgess, Leslie Frank, B.Sc.	1908
Brown, John Arthur Stacy, B.Sc.	1951	Burgess, Norman Cecil, B.E.	1923
Brown, Judith Eileen, M.Sc. (B.Sc., 1954)	1961	Burgess, Richard John, B.D.S.	1956
Brown, Kenneth Aylesbury, B.D.S.	1950	† Burgoyne, Leigh Alexander, B.Ag.Sc.	1962
Brown, Kenneth Barden, M.B., B.S.	1942	Buring, Franz Maurice, B.E.	1923
Brown, Laurence Binet, Ph.D. (London, 1954)	1958	Buring, Rupert Hermann Maurice, B.Sc.	1929
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948	Burke, Philip Damien, B.Sc.	1958
Brown, Margaret, M.B., B.S.	1956	Burleigh, Eric Charles, M.A. (Bristol, 1951)	1956
Brown, Mary Home, B.Sc.	1902	† Burley, Henry Thomas Augustine, B.Ec.	1962
Brown, Maurice William, M.B., B.S.	1954	Burley, Simon Peter, B.Sc.	1959
Brown, Norman, B.A.	1952	Burnard, David Alexander, Mus.Doc. (Mus.Bac., 1927)	1932
Brown, Raymond George, Ph.D. (Birmingham, 1956)	1959	Burnard, Donald Frank, B.E.	1935
† Brown, Raymond George, B.Sc.	1960	† Burnard, Inn Robert, B.Sc.	1960
Brown, Reginald Dutton, B.Ec.	1945		

\* Deceased.

† Not yet Members of the Senate.

Burnard, Patricia de Garis, B.A.	- - -	1938	Calder, Rex Finlayson Cormack, B.E.	- - -	1927
Burnard, Renfrey Gershom, M.B., B.S.	- - -	1904	Calder, Ronald Rex, B.E.	- - -	1950
Burnard, Richard de Garis, M.B., B.S.	- - -	1937	Calder, Shirley Hilda, M.B., B.S.	- - -	1950
†Burnard, Robin, B.A.	- - -	1960	†Caldewood, John Douglas, LL.B.	- - -	1960
†Burnard, Sally Margaret, B.A.	- - -	1962	Caldicott, Emma Victoria, B.A.	- - -	1927
Burnard, William Frank, B.Sc.	- - -	1952	Caldwell, Hilda Valmai, B.Ec.	- - -	1941
Burnell, Arthur William, M.B., B.S.	- - -	1943	Callaghan, John Phillip, B.A.	- - -	1952
Burnell, Reginald George, B.A.	- - -	1905	LL.B.	- - -	1953
†Burnell, Richard Hugh, M.B., B.S.	- - -	1960	†Callow, Donald Frederick William, B.Tech.	- - -	1960
Burnett, Baltimore Edward Thackeray, B.A.	- - -	1937	Callus, Francis Arthur, B.Sc.	- - -	1954
Burnett, Ian Brandwood, LL.B.	- - -	1958	Camens, Ivan Maurice Henry, M.B., B.S.	- - -	1947
Burnett, Leonard Ward, B.E.	- - -	1949	Cameron, Cyril Thomas Murray, M.B., B.S.	- - -	1954
Burnham, Mary Elizabeth, B.A.	- - -	1951	Cameron, Donald Ewen, B.Ec.	- - -	1958
Burns, Chester Arnold, B.D.S.	- - -	1929	Cameron, Duncan James, M.B., B.S.	- - -	1957
Burns, Clement Aylesbury Colin, M.B., B.S.	- - -	1954	Cameron, Ian Edmund, LL.B.	- - -	1950
Burns, Erica Marian, B.Sc.	- - -	1955	†Cameron, Robert Alastair, B.E.	- - -	1961
Burns, John Cumming, B.D.S.	- - -	1926	Cameron, Roy James, M.Ec. (B.Ec., 1948)	- - -	1951
Burns, Marjorie Ruth, B.A.	- - -	1952	Campbell, Allan Gordon, M.S. (M.B., B.S., 1938)	- - -	1950
Burns, Mary Leonora, M.A. (B.A., 1928)	- - -	1931	†Campbell, Allan Peter, B.Sc.	- - -	1961
Burns, Peter James Stedman, M.B., B.S.	- - -	1954	Campbell, Archibald Duncan, B.A.	- - -	1955
†Burns, Richard John, M.B., B.S.	- - -	1960	Campbell, Archibald Herbert, B.A.	- - -	1925
Burnside, James Patrick, B.Sc.	- - -	1950	Campbell, Archibald Way, M.B., B.S.	- - -	1896
†Burr, Michael, M.B., B.S.	- - -	1962	Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	- - -	1889
Burrage, Betty Dalmahoy, B.Sc.	- - -	1944	Campbell, Donald, LL.B.	- - -	1911
Burrell, Edward Sampson, B.D.S.	- - -	1940	Campbell, Florence Way, Mus.Bac.	- - -	1897
Burrow, Allan Lincoln John, B.Sc.	- - -	1937	Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - -	1947
Burrow, John Francis, B.D.S.	- - -	1951	Campbell, George McClelland, B.D.S.	- - -	1956
Burston, Robin Archibald, M.B., B.S.	- - -	1943	°Campbell, Gordon Cathcart, B.A.	- - -	1906
Burton, Alice Madge, M.A. (B.A., 1928)	- - -	1931	LL.B.	- - -	1909
Burton, Dudley Hopetoun, B.A.	- - -	1938	Campbell, Ian Duncan, B.E.	- - -	1955
Burton, Janet Elizabeth, LL.B.	- - -	1959	Campbell, Ian George, M.B., B.S.	- - -	1953
Burton, Maxwell Victor, B.Ag.Sc.	- - -	1950	Campbell, Jessie, B.A.	- - -	1908
Burton, Nancy Glen, B.A.	- - -	1932	Campbell, Jessie, B.A.	- - -	1929
Burton, Patrick Andrew, M.B., B.S.	- - -	1956	†Campbell, John Arthur, B.Sc.	- - -	1961
Burton, Peter, B.E.	- - -	1955	Campbell, Kenneth Bruce Desmond, B.E.	- - -	1931
Burvill, George Henry, M.Ag.Sc. (B.Sc. (Agric.), Western Australia, 1931)	- - -	1939	Campbell, Kevin Desmond, B.Tech.	- - -	1958
Burvill, Peter Walter, M.B., B.S.	- - -	1957	†Campbell, Robert Dean, B.Sc.	- - -	1961
†Bury, Carol Rosemary, B.A.	- - -	1962	Campbell, Thomas Draper, D.D.Sc., (B.D.S., 1921)	- - -	1923
Bush, Lillian, M.A. (Edinburgh, 1933)	- - -	1953	D.Sc.	- - -	1939
†Busuttill, Emanuel John, B.Tech.	- - -	1960	Canaway, Geoffrey Watson, B.E.	- - -	1951
Butcher, Alan Edward, B.A.	- - -	1931	Cannell, Cedric James, B.Sc.	- - -	1931
Butcher, Ian Robert, B.E.	- - -	1957	B.A.	- - -	1943
Butement, William Alan Stewart, D.Sc.	- - -	1961	Cannell, John Kingerley, B.E.	- - -	1959
Butler, Deirdre Bridg, B.Sc.	- - -	1953	Canning, Albert Edward, B.E.	- - -	1949
Butler, Frederick Stanley, M.A.	- - -	1893	†Canning, Ronald George, B.Sc.	- - -	1962
Butler, James Mortimer, B.Sc.	- - -	1951	Canny, Kevin Francis, LL.B.	- - -	1953
Butler, Joan Hilary, B.Sc.	- - -	1954	Canny, Nicholas Joseph, B.Sc.	- - -	1947
Butler, Kathleen Fiona, B.A.	- - -	1944	Cant, Alistair McKinnon, B.A.	- - -	1939
Butler, Pamela Margaret, B.Sc.	- - -	1956	†Cant, Alister Bevan McKinnon, M.B., B.S.	- - -	1962
Butler, Peter Forsythe, M.Ag.Sc. (B.Ag.Sc., 1947)	- - -	1951	Cant, Elizabeth Laurence McKinnon, B.Sc. (M.B., B.S.)	- - -	1959
Butler, Randal St. John Michael, M.B., B.S.	- - -	1954	Cant, Harry Arundale, B.Sc.	- - -	1924
Butler, Stuart Thomas, M.Sc. (B.Sc., 1945)	- - -	1948	Cant, Isobel Brown, B.A.	- - -	1954
Butler, William Henry, B.Sc.	- - -	1931	Cant, Rodney Revett, B.Ag.Sc.	- - -	1949
Butler-Nixon, Grahame Gordon, LL.B.	- - -	1956	Cantlon, Bryon Ernest Charles, B.Tech.	- - -	1959
Butterworth, Boyd Robert, M.B., B.S.	- - -	1951	Capon, Ian Nicholas, B.Sc.	- - -	1957
Butterworth, Clarence Gerald Roy, B.A.	- - -	1929	Carapetis, Steve, B.Tech.	- - -	1958
Butterworth, David John, B.Sc.	- - -	1952	†Carasso, Alfred Samuel, B.Sc.	- - -	1960
Butterworth, Geoffrey Noel, B.E.	- - -	1958	Carden, David, M.B., B.S.	- - -	1953
Butterworth (nee Foster), Helen Lesley, M.Sc. (B.Sc., 1948)	- - -	1954	Carey, Edward John, B.Ec.	- - -	1946
Butterworth, Peter Walter, B.E.	- - -	1951	Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906)	- - -	1924
Buttery, Roland Richard, LL.B.	- - -	1924	Carey, Gerald David, B.Ec.	- - -	1958
Buttery, Ronald Gordon, Ph.D. (B.Sc., 1952)	- - -	1956	Carey, John Gilbert, B.Sc.	- - -	1954
Button, Reginald Ernest, B.E.	- - -	1934	Carman, Robert Douglas, M.S. (M.B., B.S., 1939)	- - -	1948
Buttrose, Ian, LL.B.	- - -	1918	Carman, Stephen Hewett, LL.B.	- - -	1936
Buttrose, Mark Sinclair, M.Sc. (B.Ag.Sc., 1956)	- - -	1959	Carmen, Noel Francis, B.A.	- - -	1947
Buttrose, Stroma, B.A.	- - -	1955	Carmichael, Donald Ross, B.A.	- - -	1950
†Buxton, Gordon Leslie, B.A.	- - -	1962	Carne, Alfred George, B.A.	- - -	1912
Buxton, John Balfour, B.Sc.	- - -	1957	Carne, Ian Hamilton, B.E.	- - -	1940
Byles, Balduur Unwin, B.Sc.	- - -	1925	†Carney, John Malcolm, M.B., B.S.	- - -	1962
Byrne, Alfred Dudley, M.B., B.S.	- - -	1927	Carr, Emma Lucy, B.A.	- - -	1917
Byrne, Bernadette Marie Therese, B.A.	- - -	1950	†Carr, Robert Edward, B.Ec.	- - -	1962
†Byrne, Maurice John, B.Ag.Sc.	- - -	1962	Carraill, Robert Murray, B.Ag.Sc.	- - -	1958
Byrne, Osman Roy, B.Sc.	- - -	1958	Carroll, Mary Philomena, B.A.	- - -	1933
Byrne, Peter Noel, B.Ag.Sc.	- - -	1952	Carruthers, Alfred Lloyd Harvey, B.Ec.	- - -	1957
Byrne, William Creedon, B.A.	- - -	1954	†Carruthers, Stewart Ross, B.Tech.	- - -	1961
B.Ec.	- - -	1960	Carter, Alan Norval, M.Sc.	- - -	1954
C			Carter, Alexander John, B.Sc.	- - -	1957
Cahalan, Maurice James, B.Sc. (Eng.)	- - -	1945	Carter, Charles Robert, B.Sc.	- - -	1947
†Cain, Francis Michael, B.A.	- - -	1962	Carter, Edward Diment, B.Ag.Sc.	- - -	1949
Caines, Jennepher Ellen, B.A.	- - -	1953	Carter, Elijah, LL.B.	- - -	1957
†Caldecott, Donald Maxwell, B.Tech.	- - -	1961	Carter, Elizabeth Reay, B.A.	- - -	1942
†Caldecott, Stanley John, B.Tech.	- - -	1960	Carter, Frank Killingbeck, B.Sc.	- - -	1922
Calder, David Everard, B.E.	- - -	1949			
†Calder, Ian Campbell, B.Sc.	- - -	1962			

° Deceased.

† Not yet Members of the Senate.

† Carter, Graham Elliot, LL.B. - - - - -	1961	Chapple, Phoebe, B.Sc. - - - - -	1898
Carter, Ian Dan, M.B., B.S. - - - - -	1952	M.B., B.S. - - - - -	1904
Carter, Ida Jane, B.A. - - - - -	1918	Chard, June Myra, M.B., B.S. - - - - -	1947
Carter, Maurice Vernon, M.Ag.Sc. (B.Ag.Sc., 1951) - - - - -	1957	Charlesworth, George Harvey, B.A. - - - - -	1953
Carter, Maxwell John, B.Sc. - - - - -	1948	Charlesworth, Thomas William, M.A., (B.A., 1925) - - - - -	1932
Carter, Melville Lionel, M.B., B.S. - - - - -	1953	Charnock, John Stewart, Ph.D. (B.Sc., 1956) - - - - -	1962
Carter, Rodney Frederick, M.B., B.S. - - - - -	1959	Charter, Brian, B.E. - - - - -	1958
Carthew, Allen Rex, B.Sc. - - - - -	1949	Chartres, Bruce Alwyn, M.Sc. (B.Sc., 1950) - - - - -	1953
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Chase, Brian Collison, B.E. - - - - -	1956
Carthew, John, B.E. - - - - -	1952	Cheah, Dolly, M.Sc. (B.Sc., 1959) - - - - -	1962
Carthew, Lancelot, B.A. - - - - -	1932	Cheah, Sim Huat, M.B., B.S. - - - - -	1957
Cartledge, Jack Pickering, LL.B. - - - - -	1921	Cheek, Allison Mary, B.A. - - - - -	1949
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Cheek, Bruce Mansfield, M.A. (B.A., 1947) - - - - -	1949
† Casals, Joel Canonigo, B.E. - - - - -	1960	Cheek, Donald Brook, M.D. (M.B., B.S., 1947) - - - - -	1953
† Cashin, Ronald James, B.Tech. - - - - -	1960	Cheek, Nancy Olive, M.B., B.S. - - - - -	1942
Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929) - - - - -	1938	Cheeseman, Andrew Walford, B.A. - - - - -	1939
Cashmore, George Herbert, M.B., B.S. - - - - -	1927	Cheesman, Graham Frank, M.B., B.S. - - - - -	1946
† Cashmore, Gillian Frances, B.A. - - - - -	1960	Chelley, Thelma Loraine, B.Sc. - - - - -	1954
Casling, Reginald Herbert, B.E. - - - - -	1951	Chenell, John Gordon Peake, B.Sc. - - - - -	1951
Casson, Leslie Frank, M.A. (B.A., 1925) - - - - -	1928	B.Tech. - - - - -	1962
Casson, Paul Devis, B.Sc. - - - - -	1935	Cheney, Kevin, M.B., B.S. - - - - -	1956
Castle, Edgar Woods, B.A. - - - - -	1952	† Cheng, Chung Kwong, Peter, B.D.S. - - - - -	1962
Castle, Robert Norman, M.B., B.S. - - - - -	1953	Cherry, Aileen Percival, B.A. - - - - -	1934
Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957) - - - - -	1959	M.B., B.S. - - - - -	1949
Catechside, David Guthrie, D.Sc. (London) - - - - -	1952	° Cherry, Edward Percival, M.B., B.S. - - - - -	1938
Catchlove, Sydney George Leyland, M.B., B.S. - - - - -	1907	† Cherry, Robert James, B.Tech. - - - - -	1960
Catchpole, Bernard Newman, M.D. (Manchester, 1959) - - - - -	1960	Chesney, David Alexander, B.Sc. - - - - -	1954
Catchpole, John Roger, B.Sc. - - - - -	1952	B.A. - - - - -	1957
Catford, Geoffrey William, B.A. - - - - -	1959	Chester, Harry Leonard, M.B., B.S. - - - - -	1925
Cathro, Keith James, Ph.D. (B.E., 1954) - - - - -	1957	Chester, Leonard Raymond, B.Sc. - - - - -	1951
Catrall, Robert Walter, B.Sc. - - - - -	1957	Chesterman, Harry Martin, B.E. - - - - -	1950
Causby, Donald James, B.E. - - - - -	1950	† Cheug Hok Hoi, B.D.S. - - - - -	1961
Caut, David Kennings, M.B., B.S. - - - - -	1946	Chew, Chong Kan, M.B., B.S. - - - - -	1957
Caut, Leslie James, M.B., B.S. - - - - -	1954	Chibnall, Helen, B.Sc. - - - - -	1944
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - -	1931	Chick, John Bertram, B.Sc. - - - - -	1948
† Cavenett, Brian Clifford, B.Sc. - - - - -	1960	M.B., B.S. - - - - -	1955
Cawdle, Robert Ferris, B.E. - - - - -	1951	Chick, Malcolm, B.Sc. - - - - -	1958
Cawte, Frederick George Nelson, B.A. - - - - -	1943	Chignell, Arthur Kent, B.A. - - - - -	1900
Cawte, John Ewart, M.D. (M.B., B.S., 1949) - - - - -	1961	Child, Marie Beatrice, B.A. - - - - -	1926
Collier, Kevyn Meylan, B.Sc. - - - - -	1955	Childs, John Tothill, B.D.S. - - - - -	1952
Chai, Hon-Chan, M.A. (B.A., 1959) - - - - -	1961	Childs, Peter Anthony, M.B., B.S. - - - - -	1953
Chalklen, Gwendoline Elizabeth, B.A. - - - - -	1930	† Chin, Yoon Fook, M.B., B.S. - - - - -	1962
Chalklen, Roland John, B.A. - - - - -	1956	Chinner, Beryl Esther, Mus.Bac. - - - - -	1947
† Chalmers, Ainsley Howard, B.Sc. - - - - -	1962	† Chinner, Christine Elizabeth, B.A. - - - - -	1961
† Chamberlain, Dawn, B.A. - - - - -	1962	Chinner, Graham Alan, M.Sc. (B.Sc., 1953) - - - - -	1955
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - -	1922	Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - -	1938
Chambers, Gordon Manson, M.B., B.S. - - - - -	1957	Chittleborough, Glen, B.Sc. - - - - -	1956
Champion, de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - - -	1933	Chittleborough, Jeffrey David, B.Sc. - - - - -	1951
Chan, Chee Wah, B.E. - - - - -	1959	Chittleborough, John Lincoln, B.E. - - - - -	1956
Chan, Kong Lam, M.B., B.S. - - - - -	1956	Chittleborough, Laurel Evelyn, B.A. - - - - -	1947
† Chan, Sau Kam, Mary Bernadette, M.B., B.S. - - - - -	1960	† Chittleborough, Lyall, B.A. - - - - -	1960
† Chan, Wah Tim, Henry, B.E. - - - - -	1960	Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948) - - - - -	1952
Chandler, Arthur James, M.B., B.S. - - - - -	1927	Chmelauskas, Stasys, B.A. (Ph.D., Leipzig, 1944) - - - - -	1954
† Chandler, Bruce Stanford, B.Sc. - - - - -	1962	† Cho, Shue Nam, B.Sc. - - - - -	1961
† Chandler, Claire Elizabeth, B.A. - - - - -	1962	Choate, Max Paul, B.A. - - - - -	1950
† Chandler, Graham Stanford, B.Sc. - - - - -	1961	† Chong, Boon Koh, Michael, B.A. - - - - -	1961
Chandran, Saravanamuthu, M.B., B.S. - - - - -	1959	Chong, Chee Tsun, M.B., B.S. - - - - -	1959
† Chant, Barry Mostyn, B.A. - - - - -	1960	† Chong, Chow Pang, B.E. - - - - -	1961
Chaplin, Denis Howard, B.Tech. - - - - -	1959	† Chong, Feng Wah, B.Sc. - - - - -	1960
Chapman, Arthur Horsley, B.E. - - - - -	1927	Chong, Yoon Hin, B.Sc. - - - - -	1958
† Chapman, Denise Alcon, B.A. - - - - -	1960	Choo, Chek Juan, B.E. - - - - -	1956
Chapman, Ernest Stirling, B.D.S. - - - - -	1928	Choo, Soo Bin, B.D.S. - - - - -	1957
† Chapman, Fay Horsley, B.Sc. - - - - -	1961	Choo, Suat Bee, B.Sc. - - - - -	1959
Chapman, Frank Hewett, LL.B. - - - - -	1930	† Choong, Thong Cheong, B.E. - - - - -	1962
Chapman, Gilbert Wesley, M.B., B.S. - - - - -	1955	† Chow, Huk Wing, B.D.S. - - - - -	1961
Chapman, John Marsden, B.A. - - - - -	1934	Christie, Basil James Frederick, Ph.D. (B.Sc., 1953) - - - - -	1958
† Chapman, John Pearce, Mus.Bac. - - - - -	1960	Christie, Margaret, B.A. - - - - -	1945
Chapman, Peter Noel, B.D.S. - - - - -	1952	Christie, Patrick Joseph, LL.B. - - - - -	1925
Chapman, Stanley Bertram, B.Sc. - - - - -	1931	Christie, William, M.B., B.S. - - - - -	1925
B.E. - - - - -	1934	Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945) - - - - -	1956
Chapman, William Glanville, B.E. - - - - -	1935	Christophersen, Jack Vivian, B.D.S. - - - - -	1927
Chappel, Shirley Joan, B.A. - - - - -	1959	Chuah, Kim Leong, B.Sc. - - - - -	1959
Chappell, John Francis, B.E. - - - - -	1952	† Chung, Sooi Kong, M.B., B.S. - - - - -	1960
Chappell, John Graham, B.Sc. - - - - -	1950	Church, Jack Raymond, B.Sc. - - - - -	1949
Chappell, William Thomas, M.B., B.S. - - - - -	1953	Church, John Henry, M.A. (B.A., 1932) - - - - -	1934
Chapple, Alfred, B.Sc. - - - - -	1894	Church, Keith Neville, B.E. - - - - -	1951
Chapple, Colin Frederic, M.B., B.S. - - - - -	1936	Churchward, Spencer, M.A. (B.A., 1900) - - - - -	1903
Chapple, Harold, B.Sc. - - - - -	1900	Churchward, Stella Mary, B.Sc. - - - - -	1904
		Cibiras, Stasys, LL.B. - - - - -	1958
		† Cigler, James, B.E. - - - - -	1962
		† Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - -	1922

\* Deceased.

† Not yet Members of the Senate.

†Clague, Dennis John, B.Sc.	1962	Coats, Lloyd Stewart, M.B., B.S.	1957
†Clancy, Peter Allan, B.A.	1962	Cochrane, Gordon Ross, M.A. (New Zealand, 1955)	1957
Clapp, Cedric Norman, B.D.S.	1938	Cock, Alexa Beatrice, B.A.	1921
Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960	Cock, Herbert Edward, B.D.S.	1941
Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959	Cock, Leonard Ambrose, M.B., B.S.	1932
Claridge, Philip George Brian, B.E.	1954	Cockburn, Andrew Syme, M.B., B.S.	1954
Clark, Annie Winifred, M.B., B.S.	1922	†Cockburn, Jeanette Minna, B.A.	1961
Clark, Archie Septimus, B.Sc.	1900	Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934
Clark, Eunice Jean, B.Sc.	1952	Cockburn, Malcolm, B.Ec.	1958
Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948	Cockburn, Patricia, B.A.	1944
Clark, Henry William, B.A.	1951	Cockburn, Robert Forbes, B.E.	1933
Clark, Hugh Rodney, M.E. (B.E., 1934)	1938	Cockburn, Robert Francis, B.E.	1957
Clark, James Blyth, LL.B.	1953	Cocks, Alan Malcolm Vawdrey, M.B., B.S.	1946
Clark, John Francis, B.D.S.	1922	Cocks, Alec Douglas, B.D.S.	1924
Clark, John Osborne, LL.B.	1941	Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939
Clark, John Symonds, B.E.	1951	Cocks, Bruce Gordon, B.D.S.	1952
Clark, Lesley Helen, B.Sc.	1955	Cocks, Edward Desmond, M.B., B.S.	1942
Clark, Mary Patricia, B.A.	1951	Cocks, Keith Trestrail, B.Ec.	1956
Clark, Pauline, B.Sc.	1948	†Cocks, Philip Stanley, B.Ag.Sc.	1961
Clark, Robert John, LL.B.	1933	Cocks, Sydney Gordon, B.D.S.	1925
†Clark, Ronald James, B.Tech.	1962	†Codd, Michael Henry, B.Ec.	1961
†Clark, Sandford Delbridge, LL.B.	1962	Coffey, Dennison Dean, LL.B.	1953
Clark, William Raymond, B.E.	1951	Coggins, Harold Douglas, B.Sc.	1951
†Clarke, Alfred Robert Price, B. Tech.	1961	Coggins, Robert Symes, B.Sc.	1949
Clarke, Allan Lawrence, B.Ag.Sc.	1952	B.A.	1954
Clarke, Andrew Michael Fausset, M.B., B.S.	1951	Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958
Clarke, Brian Russell, B.Sc.	1945	Coghlan, Marie Teresa Clare, B.A.	1928
Clarke, Geoffrey David, B.D.S.	1956	Cohen, Alexander Kevin, M.B., B.S.	1950
Clarke, Harold Vernon, B.D.S.	1934	Cohen, Brian Garland Dunstan, M.B., B.S.	1957
Clarke, Miles de Courcy, M.B., B.S.	1942	Cohen, Harry, M.B., B.S.	1955
†Clarke, Peter Harold, B.E.	1962	Cohen, Lena Sybil, B.A.	1934
Clarke, Phil Gregory, B.A.	1948	Colby, Eunice Mary, B.Sc.	1949
Clarke, Reginald Harry, B.Sc.	1939	Cole, Anthony Haslam, B.Sc.	1953
B.A.	1942	Cole, Cyril Richard, B.Sc.	1914
Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956	Cole, Joan Margaret, B.Sc.	1957
Clarkson, Alan James, M.B., B.S.	1934	Cole, Jonathan Haslam, B.A.	1954
Clarkson, Colin Lloyd, B.Sc.	1950	Cole, Reuben Herbert George, B.Sc.	1950
Clarkson, Roger Philip, M.B., B.S.	1956	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Clarnette, David Leon, M.B., B.S.	1959	Cole, Thomas Haslam, LL.B.	1922
Claxton, Lindsay Grahame, B.E.	1955	Colebatch, Gordon Thomas, B.E.	1932
†Clay, Roger Edgecumbe, B.Ag.Sc.	1962	Colebatch, Hal John Hester, M.B., B.S.	1951
Clayer, John Reeves, M.B., B.S.	1960	Colebatch, John Houghton, M.B., B.S.	1933
Clayton, Arthur Ross, M.B., B.S.	1902	Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906
Clayton, John Graham, B.E.	1959	Coleman, Arthur Paul, B.E.	1948
Clayton, John Jesson, B.E.	1957	Coleman, Isobel Beryl Jean, B.A.	1939
Clayton, Sally Jeanette, B.A.	1954	Coleman, James Terence, LL.B.	1952
†Clegg, Dorothy Maureen, B.A.	1961	†Coleman, John Patrick, B.Ec.	1960
†Clegg, Michael John, B.E.	1960	Coleman, Margaret Christine, B.A.	1945
Cleggett, Edith, B.A.	1921	†Coles, Gervase John Laurence, LL.B.	1961
Cleggett, Lloyd, B.A.	1955	Coles, Margaret Elizabeth, B.Sc.	1945
Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935	Coles, Mignonette, B.A.	1912
Cleland, James Lindsay, B.A.	1954	Coles, Philip Douglas, B.A.	1936
Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947	Collins, Allen Geoffrey, M.B., B.S.	1956
Cleland, John Burton, M.B. (Sydney, 1902)	1902	Collins, Charles Vincent, B.A.	1931
Cleland, Michael Edward Erskine, LL.B.	1951	†Collins, David Anthony, B.E.	1962
Cleland, Pamela Mary, B.A.	1949	Collins, Frank Miles, Ph.D. (M.Sc., 1952; B.Sc., 1950)	1962
LL.B.	1956	Collins, Frank Sandford, B.E.	1942
Cleland, Peter Fullerton, LL.B.	1947	Collins, John Malcolm, M.B., B.S.	1952
Cleland, William Paton, M.B., B.S.	1934	†Collins, Kenneth Ernest, M.B., B.S.	1960
Clements, Trevor Murray, B.D.S.	1954	Collins, Leslie William Nettell, B.E.	1931
Clendinnen, Ian Jeffrey, B.Sc.	1952	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918
M.B., B.S.	1959	Collison, Bayfield Ian, LL.B.	1958
Clezy, John Kenneth Albert, M.B., B.S.	1954	†Colliver, Anthony David, B.E.	1962
Clezy, Trevor Munro, M.B., B.S.	1958	†Colman, Robert Malcolm, B.Sc.	1962
Clift, Lawrence Henry Marcus, B.A.	1951	Colman, William Russell Goodwin, B.E.	1922
†Clisby, Reginald Victor, B.A.	1961	Colmer, John Anthony, Ph.D. (London, 1955)	1962
Clisby, Robert Leonard, B.E.	1954	†Colquhoun, Harold George, M.B., B.S.	1960
B.Ec.	1960	†Colquhoun, Jillian Patricia, B.Sc.	1961
Clode, Ailsa Marjorie, B.A.	1928	Colquhoun, Lindsay Talbot, B.D.S.	1956
Close, Frank William, B.Sc.	1931	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933
Close, Mary Frances, B.A.	1940	Colton, John Blacker, LL.B.	1941
Close, Maynard Davidson, B.A.	1938	Colton Robert Stirling, M.D. (M.B., B.S., 1944)	1960
Close, Ronald Wilkinson, B.Sc.	1929	Colvill, Anthony John Ernest, B.Sc.	1959
Close, Rosemary Jocelyn, M.B., B.S.	1947	†Colvill, Marie, B.Sc.	1962
†Close, Susan Elizabeth, B.A.	1962	Colville, Arthur Landseer, LL.B.	1905
Close, Walter John Westcott, M.S., (M.B., B.S., 1913)	1929	Colville, John Stuart, M.Sc. (B.Sc., 1948)	1956
Clothier, Eric Andrews, B.E.	1958	B.A.	1962
Coadrake, John Edward, M.Sc. (B.Sc., 1949)	1951	†Colyer, Ian Geoffrey, B.Ec.	1961
Coat, Jillian Irene, B.Ec.	1958	Comley, Charles Herbert, M.A. (B.A., 1906)	1910
Coates, Dorothy Ravelle, M.B., B.S.	1949	B.Sc.	1906
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		

† Not yet Members of the Senate.

Conant, James Bryant, D.Sc. (Sc.D., Columbia) - - - - -	1951	Cosh, James Malthouse, B.A. - - - - -	1943
Condon, Robert Francis, B.Sc. - - - - -	1940	Cosh, Joyce Rosalind, B.A. - - - - -	1949
M.B., B.S. - - - - -	1946	†Cosh, Robert Clarence, B.Ec. - - - - -	1962
Conley, William Michael, B.Ag.Sc. - - - - -	1958	Cottell, Dorothy Jean, B.A. - - - - -	1940
†Connole, Patricia Ann, B.A. - - - - -	1961	Cottew, Geoffrey Selkirk, M.Sc. (B.Sc., 1949) - - - - -	1962
Connor, Brian Anthony, M.B., B.S. - - - - -	1953	Cotton, James Murray, M.B., B.S. - - - - -	1926
Connor, John Leo, B.A. - - - - -	1935	Cotton, James Sutherland, B.Sc. - - - - -	1959
Conroy, Keith Douglas, B.E. - - - - -	1952	Cotton, John Carrington, B.Sc. - - - - -	1951
†Contos, Cecil, B.Tech. - - - - -	1961	Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - -	1949
Conybeare, William James, B.A. (Cambridge, 1894) - - - - -	1895	†Cotton, Robert Tilney, M.B., B.S. - - - - -	1961
Cook, Adrian Hartley, B.A. - - - - -	1952	Cottrell, Eric, B.E. - - - - -	1935
Cook, Ernest Peter, B.E. - - - - -	1929	Coulls, Brian Helston, B.Sc. - - - - -	1950
Cook, Gordon James, B.Ec. - - - - -	1941	Coulter, John Richard, M.B., B.S. - - - - -	1956
Cook, Hugh David, M.B., B.S. - - - - -	1953	Coulter, Wilfred Neil, B.E. - - - - -	1954
†Cook, Ian Bracewell, B.Tech. - - - - -	1962	Coulthard, Robert John, M.B., B.S. - - - - -	1958
Cook, Ronald Bruce, B.E. - - - - -	1957	Counsell, Ruth Kingsley, B.A. - - - - -	1951
Cooke, Allan George, B.E. - - - - -	1945	Couche, Raymond Arthur, B.Sc. - - - - -	1949
B.Sc. - - - - -	1952	Coventry, Cameron Hilder, B.Sc. - - - - -	1900
Cooke, Barbara Ternent, B.Sc. - - - - -	1936	Covernton, John Selby, M.D. (M.B., B.S., 1931) - - - - -	1947
Cooke, David John, B.E. - - - - -	1954	Cowan, George Dalrymple, LL.B. - - - - -	1911
Cooke, Florence Emmeline, Mus.Bac. - - - - -	1900	Cowan, Leslie Thompson, B.Sc. - - - - -	1907
Cooke, Frank Edward, B.Sc. - - - - -	1950	Cowan, Robert Francis, B.A. - - - - -	1912
†Cooke, James Alexander Elder, B.Ag.Sc. - - - - -	1960	†Cowan, Robert Mowlem, B.Sc. - - - - -	1960
Cooke, Peter Ternent, B.Sc. - - - - -	1931	Cowan, Ronald William Trafford, B.A. - - - - -	1936
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938) - - - - -	1960	Cowan, William Albert, M.A. (N.Z., 1930) - - - - -	1934
Cooke, Theodore John Lloyd, M.B., B.S. - - - - -	1956	Coward, Ivan Fernley, B.Ec. - - - - -	1940
Cooling, Max Sylvester, M.B., B.S. - - - - -	1944	B.A. - - - - -	1951
Coombe, Alec Holloway, M.A. (B.A., 1924) - - - - -	1933	Cowden, Kenneth Laurence Brooke, M.D., B.S. - - - - -	1932
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948) - - - - -	1957	Cowell, Dorothy Margaret, B.A. - - - - -	1941
Coombe, Harold Robert, B.D.S. - - - - -	1923	Cowell, James Howard, B.Ag.Sc. - - - - -	1958
Coombe, Murray Taylor, B.Sc. - - - - -	1942	Cowell, James Richard, B.A. - - - - -	1939
Coombe, Reginald Joseph, LL.B. - - - - -	1923	Cowley, George Russell, B.E. - - - - -	1949
Coombe, Robert John, B.D.S. - - - - -	1950	Cowley, John Maxwell, D.Sc. (B.Sc., 1942; M.Sc., 1945) - - - - -	1957
Coombe, Samuel Walter, B.A. - - - - -	1919	Cowling, Brian Deucalion, M.B., B.S. - - - - -	1948
Coombe, Toderick Edward, B.D.S. - - - - -	1952	Cowling, Gordon Aubrey, B.E. - - - - -	1928
Coonan, Edward Raymond, B.Ec. - - - - -	1955	Cowling, Lionel Deucalion, M.B., B.S. - - - - -	1923
Cooney, James Marcus, B.Tech. - - - - -	1958	Cowper, Ronald George, B.Tech. - - - - -	1958
Cooper, Adrian Harry Campbell, B.A. - - - - -	1935	Cowperthwaite, Elsie Eleanor, M.A. (B.A., 1903) - - - - -	1906
Cooper, Catherine Margaret, LL.B. - - - - -	1954	Cox, Alwyn Birchmore, M.Sc. (B.Sc., 1927) - - - - -	1932
Cooper, Christopher John, M.B., B.S. - - - - -	1959	Cox, Bernard John, B.E. - - - - -	1956
Cooper, Constance May, M.B., B.S. - - - - -	1904	Cox, Brian Rothwell, LL.B. - - - - -	1953
†Cooper, Desmond Wishart, B.Sc. - - - - -	1961	Cox, Carlton Ingham, B.Sc. - - - - -	1929
Cooper, Donald Counter, M.B., B.S. - - - - -	1921	Cox, David Vassall, Mus.Bac. - - - - -	1936
Cooper, Kenneth Francis, M.B., B.S. - - - - -	1929	Cox, David William, B.Sc. - - - - -	1934
Cooper, Maxwell, B.Sc. - - - - -	1950	†Cox, David William, M.B., B.S. - - - - -	1961
†Cooper, Peter George, B.Tech. - - - - -	1960	†Cox, John Baxter, B.E. - - - - -	1960
†Cooper, Richard Edgar, B.Sc. - - - - -	1960	Cox, John Samuel Tweedale, M.B., B.S. - - - - -	1955
Cooper, Thomas Edwards, B.E. - - - - -	1922	Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943) - - - - -	1959
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered) - - - - -	1913	†Cox, Margaret Helen, B.A. - - - - -	1962
Coote, George Gilbert, B.Sc. - - - - -	1931	Cox, Norman Charles, B.E. - - - - -	1951
B.A. - - - - -	1939	Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1948
Cooter, Robert Benjamin, M.B., B.S. - - - - -	1952	Cox, Rudolph William Arthur, B.E. - - - - -	1921
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia) - - - - -	1958	Cox, William Frederick, B.Sc. - - - - -	1955
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1948	†Coxell, Kenneth Roy, B.E. - - - - -	1962
†Coppock, Barrie William, B.Tech. - - - - -	1960	Crabbe, Gavin Murray, M.B., B.S. - - - - -	1927
†Corbett, John Francis, B.Sc. - - - - -	1961	Crafter, Kenneth Charles, M.B., B.S. - - - - -	1944
†Corbett, John Vincent, B.Sc. - - - - -	1960	Craig, Robert James, M.B., B.S. - - - - -	1959
Corbin, Clive Wilson, B.E. - - - - -	1932	Craig, William Alexander, B.E. - - - - -	1950
Corbin, Horace Hugh, B.Sc. (London, 1904) - - - - -	1913	Craker, David Lindsay, B.Sc. - - - - -	1951
Corbin, John Ogilvie, M.B., B.S. - - - - -	1933	Craker, John Melville, B.Sc. - - - - -	1954
Corbin, Katherine Anne, LL.B. - - - - -	1941	B.E. - - - - -	1956
Cormier, Kathleen, B.A. - - - - -	1943	†Crammond, Peter Clifford, B.E. - - - - -	1961
Cornelius, Muriel Merle, B.A. - - - - -	1951	Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1945
Cornell, James Gladstone, M.A. (Melbourne, 1928) - - - - -	1938	Cramond, Margaret Mary Alyn, B.A. - - - - -	1952
Cornell, Philippa Sinclair, B.A. - - - - -	1956	Crampton, Mary Hope St. Clair, M.A. (B.A., 1923) - - - - -	1920
Corney, Eric Ronald, M.A. (B.A., 1936) - - - - -	1937	Cran, James Alexander, B.O.S. (B.D.Sc. (Oxld.), 1936) - - - - -	1949
Cornish, Alan Alfred Ernest, B.E. - - - - -	1939	D.D.Sc. (M.D.S., 1952) - - - - -	1961
Cornish, Anne Claire, B.A. - - - - -	1949	Crane, Alexander Herbert, B.Sc. - - - - -	1926
†Cornish, Brian Edmund, B.Sc. - - - - -	1961	Crane, Greta Ruby, B.Ec. - - - - -	1937
Cornish, Brian Leslie, M.B., B.S. - - - - -	1947	Crane, Neil Raymond, B.Sc. - - - - -	1954
Cornish, Edmund Alfred, D.Sc. (M.Sc., 1940) - - - - -	1951	Cranley, Patrick, M.B., B.S. - - - - -	1952
Cornish, Jack Rodolph, LL.B. - - - - -	1928	Craton, Patricia Clarice, B.A. - - - - -	1948
Cornish, John Edwin, B.Sc. - - - - -	1943	Craven, David Edward, M.B., B.S. - - - - -	1943
†Cornish, William Rodolph, LL.B. - - - - -	1960	Crawford, Arthur Raymond, M.Sc. - - - - -	1961
Corpe, John Wood, B.E. - - - - -	1935	Crawford, Graham John, B.Sc. - - - - -	1959
†Correll, Graeme Edward Morris, B.E. - - - - -	1961	†Crawford, John Sidney, B.Sc. - - - - -	1960
Correll, Shirley Edith, B.A. - - - - -	1953	Crawford, Lionel Payne, M.A. (Oxford, 1890) - - - - -	1897
Corry, Samuel Lloyd, M.B., B.S. - - - - -	1910	Creed, Philip John, M.B., B.S. - - - - -	1950
Cosgrove, Bernard Augustin, B.A. - - - - -	1942	Creeth, James Michael, Ph.D. (London, 1948) - - - - -	1955
Cosh, Elma, B.A. - - - - -	1944		

† Not vet Members of the Senate.

Cresswell, Edwin Fletcher, B.E.	1927	Daily, Brian, Ph.D. (B.Sc., 1952)	1957
Cresswell, George Edwin, LL.B.	1939	†Dainis, Andrew, B.Sc.	1962
Cresswell, Harry Richard, B.E.C.	1956	Dainius, Vytautas Peter, M.B., B.S.	1959
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937	†Dalby, Robert, B.Arch.	1961
Crisp, Brian Correll, M.D.S. (B.D.S., 1945)	1952	Dalgarno, Charles Robert, M.Sc. (B.Sc., 1959)	1962
Crisp, Charles Stephens, B.Sc.	1948	Dallwitz, Walter Berthold, B.A.	1940
Crisp, Colin Francis Correll, B.E.	1954	M.Sc.	1943
Crisp, John Douglas Correll, M.E. (B.E., 1950)	1956	Dally, Frederick George, M.B., B.S.	1956
Crisp, Leslie Finlay, M.A. (B.A., 1938)	1948	Dally, John Alton, B.A.	1956
Crisp, Margaret Emily, M.Sc. (B.Sc., 1945)	1950	Daltry, Kate, M.A. (B.A., 1922)	1924
Crocker, Dudley Furneaux, B.E.	1939	Daly, David James, M.B., B.S.	1952
Crocker Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940)	1948	†Daly, James Dennis, B.Tech.	1961
Crocker, Walter Russell, B.A.	1925	Daly, Lawrence John, B.E.	1951
Croft, Edwin George, LL.B.	1952	Daly, Lewis John, B.A.	1953
Croker, Annie Isobel, B.A.	1934	Daly, Lyndsay James, M.B., B.S.	1954
Gromer, D'Arcy Ananda Neil, M.Sc. (B.Sc., 1932)	1935	Dalziel, Lawrence Henry, B.A.	1949
†Crompton, Beverly Anne, B.Sc.	1960	Daniell, Aileen Edna, B.A.	1950
Crompton, David Owen, M.B., B.S.	1939	Daniels, Brian William, M.B., B.S.	1957
Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959	†Danvers, Ronald Anthony, B.Arch.	1962
Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954	Darling, Leslie Hayward, M.Sc. (B.Sc., 1945)	1949
Crook, Marjorie Marion, B.A.	1940	Darr, David James, B.Sc.	1955
†Crook, Peter Leonard, B.Sc.	1961	Darragh, Peter John, B.Sc.	1958
Crook, Richard Dallas, B.Sc.	1940	Darskus, Rolf Ludwig, B.Sc.	1958
Crook, Walter Ralph, B.E.	1953	Dart, Ralph John, B.E.	1915
Cropley, Arthur John, B.A.	1957	Darwin, Errol Rafael Henry, B.Sc.	1907
Cropley, Frederick Waterton, B.E.	1932	Darwin, Lisle Julius, M.A. (B.A., 1905)	1910
†Cropley, Keith Haywood, B.Tech.	1962	†Darzins, Andris Peteris, M.B., B.S.	1961
Crosby, Melville Alexander Keith, M.E., (B.E., 1937)	1944	Davenport, John, M.B., B.S.	1952
Crosby, Neil Daniel, M.D. (M.B., B.S. 1935)	1951	Davey, Constance Muriel, M.A.	1918
Crosby, Raymond Wilbur Louis, M.B., B.S.	1940	Davey, Esther Marion, B.Sc.	1915
†Cross, Helen Margaret, B.A.	1960	†Davey, Graham John, B.E.	1961
Cross, Jack, B.A.	1957	Davey, Laurence Llewellyn, M.B., B.S.	1913
Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956	†Davey, Lloyd Ernest, B.E.	1960
Crouch, Shirley Joan, B.Sc.	1958	Davey, Roy Herbert, B.Sc.	1920
Croucher, Colin, M.B., B.S.	1950	Davey, Victor Stanley, B.E.	1955
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945	David, Andrée Marcelle, M.A. (Paris, Dip. d' Etudes Supérieures 1955)	1962
Crowe, Brian Rooney, LL.B.	1952	David, Daniel Arthur, M.A.	1930
Crowe, Dean Salter, B.E.	1957	David, John Fairhall, B.A.	1952
Crowe, Elizabeth Mary, B.A.	1951	B.E.C.	1955
Crowe, Noel Raymond, LL.B.	1957	Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953)	1956
Crowley, Desmond William, Ph.D. (London, 1952)	1960	†Davidson, Jennifer Dulcie, B.A.	1962
Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957	Davidson, Robert Thomas, M.B., B.S.	1951
Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932	Davidson, Roy Laidlaw, B.A.	1907
Cruikshank, Donella Heather, M.Sc.	1943	Davie, Robert Samuel, B.E.	1955
Crump, Cecil Charles, LL.B.	1923	Davies, David Llywelyn, M.B., B.S.	1943
B.A.	1935	Davies, Donald John, B.E.	1955
Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932	Davies, Donald Laurence, B.E.	1951
†Culley, Murdoch, B.E.	1962	Davies, Ernest Salter, M.A. (Oxford)	1937
Cullity, Thomas Brendan, M.B., B.S.	1947	Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953
Culshaw, George Vincent, LL.B.	1927	Davies, Norma Esther, M.B., B.S.	1953
Culshaw, George Vincent, B.E.	1959	Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951
†Culshaw, Thomas Anthony, B.Sc.	1961	Davies, Rodney Deane, M.Sc. (B.Sc., 1950)	1953
Culver, Dorothy Evelyn, B.Sc.	1945	Davies, Sheila Caroline, B.A.	1948
Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	*Davies, William Laurence, B.A.	1914
B.Sc.	1949	Davis, Brian, B.Ec.	1955
Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955	†Davis, Bruce Raymond, B.E.	1960
Cumpston, Graham Neil, M.B., B.S.	1958	Davis, Christine Joyce, B.A.	1937
Cunningham, Mark Laurence, M.B., B.S.	1953	Davis, Clive, B.Sc.	1951
Curnow (nee Gilham), Doreen, B.A. LL.B.	1950	Davis, David, B.A.	1966
LL.B.	1958	†Davis, Douglas Marshall, B.A.	1962
Curnow, Ellen Isabel, B.A.	1959	Davis, Edward Bruce, B.Sc.	1949
†Curnow, Richard Stewart, M.B., B.S.	1962	Davis, Frederick Harry, B.A.	1955
Curry, Allan Ralph, B.E.	1949	Davis, Harold Julian, M.B., B.S.	1927
†Curtin, John Francis, B.Tech.	1960	Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
Curtis, Lawrence Gordon, B.Ec.	1959	Davis, Hubert Garth, M.B., B.S.	1937
Cusack, John Charles, B.Sc.	1954	Davis, John Alexander, B.E.	1929
Cussen, Nan Woodforde, B.A.	1935	Davis, Kingsley, B.E.	1950
Custance, Harold Maxwell, B.Sc.	1941	†Davis, Legh Hewitson, B.Ec.	1962
Custance, John Kentish, B.E.	1947	Davis, Margaret Lily, B.A.	1955
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953	Davis, Ray, B.Sc.	1915
Cutten, Judith Ann, B.A.	1959	Davis, Robert Bruce, B.A.	1948
		Davis, Robert George, B.Sc.	1951
		†Davis, Robert Keith, B.Ec.	1960
		Davoren, John Joseph, LL.B.	1922
		Davy, Arthur Francis, B.D.S.	1951
		Daw, Arthur Baden Secombe, B.Ec.	1957
		Daw, Francis Alan, B.Sc.	1945
		Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928)	1959
		Dawes, Walter Ernest, B.A.	1954
		Dawkins, Albert Norman, B.E.	1922
		Dawkins, Alec Letts, M.B., B.S.	1927
		Dawkins, Alfred Ernest, B.Sc.	1912
		Dawkins, Donald Campbell, M.B., B.S.	1939
		Dawkins, Margaret Ina, B.A.	1938

\* Deceased.

† Not yet Members of the Senate.

Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920	Dilena, Michael James, B.A.	1959
Dawson, Alfred Lisle, B.Sc.	1926	Dillon, John Louis, Ph.D. (Iowa, 1959)	1961
Dawson, Anthony James, M.E. (B.E., 1959)	1962	†Dillon, Neralie Anne, B.A.	1961
Dawson, David Lancelot, B.A.	1984	Dilworth, Nerida Margaret, M.B., B.S.	1950
Dawson, Geoffrey Dean, B.E.	1937	Dineen, Desmond Patrick, M.B., B.S.	1952
Dawson, Joseph Bernard, M.D. (London, 1911)	1920	Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957
Dawson, Michael Dean, M.B., B.S.	1942	Dingle, Ian Ridgway, B.D.S.	1957
Dawson, William Inglis, M.B., B.S.	1957	Dingle, Margaret Jennifer, B.A.	1958
Day, Alison Chapman, B.Sc.	1947	Dinham, Charles Anthony, B.E.	1952
Day, Allan John, M.Sc. (B.Sc., 1947)	1950	Dinning, Alfred Ernest, B.A.	1915
M.D. (M.B., B.S., 1954)	1957	Dinning, Rodney Alfred Brady, B.A.	1950
†Day, Basil Hedley Stanton, B.Tech.	1961	Dinning, Trevor Alfred Ridley, M.B., B.S.	1942
Day, Graham John, B.D.S.	1951	*Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	1954
†Day, Jennifer Ann, B.A.	1962	Dix, Alfred James, B.E.	1930
Day, John Bice, B.D.S.	1944	†Dixon, Genevieve, B.Sc.	1960
Day, Kathleen Emily, B.Sc.	1931	Dixon, John, B.Ec.	1957
Day, Peter Julian, B.E.	1959	†Dixon, Leslie Bruce, B.Tech.	1962
Day, Robert Sydney, M.B., B.S.	1934	Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931
Deam, Robert Joseph, B.Sc.	1942	Dixon, Peter, M.A. (London, 1956)	1958
Deacon, Glen Berenger, B.Sc.	1957	†Djakusumah, Taty Rahmatiah, B.Ag.Sc.	1960
†Dean, Harry Michael, B.Med.Sc.	1960	†Djaka, Soetratma, B.E.	1960
†Dean, Margaret Emily, M.B., B.S.	1962	Doble, William Devon, B.E. (Sydney, 1943)	1957
Deans, Absalom, B.A.	1912	†Dobney, Philip Thomas, B.Sc.	1961
†Dearlove, Carolyn Harriet, M.B., B.S.	1962	Dobson, Lesbia Constance Alma, B.A.	1947
Dearlove, Thomas Pearce, M.B., B.S.	1942	†Doeff, Robin Jeanine, B.A.	1962
Dearman, Cyril Henry, B.E.	1950	†Dodd, Ian Hainsworth, B.E.	1960
Debelle, Bruce Malcolm, LL.B.	1961	Dodd, Leslie, B.A.	1947
De Boehme, Cecil Brooks, LL.B.	1931	†Dodd, Lindsay Richard, B.Sc.	1960
De Cean, Neil, B.E.	1951	Dodd, Robert Hedley, B.A.	1931
Deer, John Gregory, B.Sc.	1948	†Dodd, William Alfred, B.Sc.	1962
Deer, William Henry, B.E.	1950	Doddridge, Albert Keith, M.B., B.S.	1953
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959	Dodman, Robert Louis, B.Ag.Sc.	1959
†Del Fabbro, Anthony John, B.Sc.	1961	†Dodsworth, Kimball Robert Innis, B.Ec.	1962
Deland (nee Robjohns), Annie Joan, B.A.	1923	Dodwell, David, B.A.	1955
Deland, Charles Mervyn, M.B., B.S.	1924	Dodwell, George Frederick, B.A.	1905
Deland, Curtis George, M.B., B.S.	1955	†Doel, Derek Alfred, B.Ec.	1960
Deland, Peter Leonard, B.Sc.	1955	†Dohadwala, Kutbuddin s/o Fidahusen, B.Sc.	1960
Deland, Raymond John, B.Sc.	1947	Dohnt, Brian Ray, B.Sc.	1945
Deller, Donald John, M.B., B.S. (Sydney, 1954)	1962	†Doley, Malcolm John, B.Arch.	1962
Dellow, Peter Glynn, B.D.S.	1949	Doley, Maurice Edward, B.E.	1939
M.B., B.S.	1957	Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951)	1959
Delmont, William George, B.D.S.	1932	Dolling, Eleanor Ngaire, B.Sc.	1950
Delprat, Lica, M.B., B.S.	1910	Doman, Frederick Spencer Howe, M.B., B.S.	1949
Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909	Doman, Mary Gladys, B.A.	1959
Denby, Ernest Frank, B.Sc.	1951	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933)	1939
Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952)	1960	Donald, Gordon Frederick, M.B., B.S. (Sydney, 1948)	1960
Dening, Patricia Joan, B.A.	1958	Donaldson, Muriel Grace, B.A.	1934
Dennis, William Norman, B.Sc.	1951	Donaldson, Pamela Margaret, B.A.	1959
Dennis, Alan Henry, B.A.	1936	†Donnellan, Michael Ramsey, B.Tech.	1961
Dennis, Barbara Joan, M.Sc. (B.Sc., 1955)	1961	Donnellan, Teresa Marie, B.A.	1945
Dennis, Edwin, B.Sc.	1950	†Donnelly, Jillian Kay, B.Sc.	1962
Dennis, William John Allenby, B.Sc.	1956	Donnelly, Thomas Hewson, M.B., B.S.	1937
Dent, Marjorie, B.A.	1956	Donnelly, Thomas Hugh, M.B., B.S.	1911
†Dent, Nancy, B.A.	1960	Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	1952
†Denton, David Ross, B.A.	1960	Donovan, Mortimer Edward, M.B., B.S.	1946
Denton, James Graham, M.B., B.S.	1954	Doolan, Ernest Joseph, B.A.	1944
Denton, Noel Fletcher, M.B., B.S.	1945	Doolette, John Barton, B.Ag.Sc.	1951
†Depasquale, Paul, B.A.	1960	Dore, Frederick Arthur, B.Sc.	1951
†de Rohan, Maurice John, B.Tech.	1960	Dorman, David Charles, B.Sc.	1950
Derrington, Arnold Ward, M.B., B.S.	1947	Dorsch, Ernst Georg, B.A.	1915
Deutscher, Maxwell John, B.A.	1959	Dorsch, Magdalene Hedwig, B.A.	1926
Devaney, Helen, LL.B.	1942	Dorsch, Theodor Siegfried, B.A.	1933
de Vedas, Jack, M.B., B.S.	1938	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
†Devonport, John, B.Tech.	1961	Doudy, Cecil Roy, LL.B.	1906
Dew, Ian Albert, M.Sc. (B.Sc., 1953)	1962	Douglas, Donald Robin, B.Sc.	1949
Dewar, Colin Chudleigh, M.B., B.S.	1949	Douglas, Francis John, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1898
Dewar, Donald Gordon, B.E.	1952	Douglas, Frank Nugent, M.B., B.S.	1956
Dewar, John, B.Sc. (Eng.)	1945	Douglas, Hugh Matheson, M.B., B.S.	1947
Diamantis, Alexander Adamantiou, Ph.D. (London, 1958)	1960	Douglas, Robert Langton, M.A. (Oxford, 1891)	1900
Diamond, Arthur Ian, B.A.	1952	†Douglas, Robert Matheson, M.B., B.S.	1960
Dibden, Frederick Andrew, M.B., B.S.	1941	Douglas (nee Duguid), Rosemary Lillian, B.A.	1958
Dibden, William Andrew, M.B., B.S.	1939	Douglas, Sholto John, M.B., B.S.	1930
Dick, Gordon Stuart Blyth, B.Sc.	1923	Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950)	1959
†Dickinson, Peter, B.Tech.	1962	Dow, Ian Baird, LL.B.	1953
†Dickson, Margaret Jill Barr, M.B., B.S.	1960	Dow, Lorna Ruth, M.B., B.S.	1954
Dickson, Ronald Stanley, B.Sc.	1958	Dow, William Harold John, B.Sc.	1949
Dickson, Warren, B.A.	1949	Downing, Jaroslav, B.E.	1958
Dietman, Clarence Charles, M.B., B.S.	1954	Dowding, Alan Lorimer, B.Sc.	1950
Digance, James Roy, B.A.	1945	Dowdy, Norman James, B.A.	1948
Diggle, John Nelson, M.B., B.S.	1946	Dowie, David Lincoln, M.E. (B.E., 1933)	1935
		Dowie, Donald Alexander, M.B., B.S.	1954

\* Deceased.

† Not yet Members of the Senate.





Finlay, Keith Warren, Ph.D. (W.A., 1953)	1961	Forbes, David Stewart, M.B., B.S.	1955
Finlayson, Allan Harvey, B.E.	1932	† Forbes, Elizabeth McLean, B.A.	1962
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	1936	Forbes, Ian James, M.B., B.S.	1956
Finlayson, Frank Harvey, B.E.	1930	Forbes, William, B.A.	1936
Finlayson, James Francis, B.Sc.	1940	† Forbes, William McDougall, B.Sc.	1961
Finn, Beatrice Mary, B.A.	1938	Ford, James Albert, B.A.	1919
† Finnis, John Mitchell, LL.B.	1962	† Ford, John Robert, B.E.	1960
Finus, Maurice Meredith Steriker, B.A.	1937	Ford, Raymond William, B.E.	1922
Finucane, Kevin Eugene, M.B., B.S.	1957	Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956
Fischer, Arthur Frederick, LL.B.	1925	Forder, Charles Rex, B.D.S.	1928
Fischer, Gerald Lyn, B.A.	1954	Forder, Douglas Highmoor, B.Sc.	1932
Fishburn, Thomas Harold, B.A.	1932	B.A.	1938
Fisher, Anthony Graham, M.B., B.S.	1946	Forder, Howard Hamlyn, B.E.	1926
† Fisher, Brian George, B.E.	1960	Fordham, Juanita Horwood, B.A.	1927
† Fisher, David John, B.E.	1960	Forgan, Anthony James, B.E.	1954
† Fisher, Dean Francis, B.Tech.	1960	Forgan, Dorothea Wald, M.B., B.S.	1958
Fisher, Francis Robert, LL.B.	1950	Forgan, Frederick Robert, LL.B.	1928
Fisher, George Read, B.E.	1925	Forgan, Humphrey Crayle, B.E.	1927
Fisher, Harry Medcalf, M.B., B.S.	1922	Forgan, Peter John, M.B., B.S.	1959
Fisher, Helen Joan, B.Sc.	1955	Forgan, Sydney Bayly, M.B., B.S.	1926
Fisher, James Hubert Thomas, M.E. (B.E., 1934)	1950	Forgie, Donald Schollar, B.A.	1949
Fisher, John Malcolm, B.Ag.Sc. (B.Sc.Agr., Sydney, 1953)	1959	Fornby, Myles Landseer, M.B., B.S.	1924
* Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959	Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943
Fisher, Ruben Walter Alfred, B.A.	1948	Forrest, Wladie William, B.Sc.	1948
Fisher, Tryphena Ellen, B.A.	1930	Forster, William Edward Stanley, LL.B.	1950
Fisk, Graham Bristow, M.B., B.S.	1946	Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955
Fitch, Kenneth Duncan, M.B., B.S.	1955	† Forsyth, Heather McKenzie, B.Sc.	1961
Fitch, Rosemary Lamburn, B.A.	1949	Forsyth, Robert Samuel, B.A.	1937
Fitzgerald, Anne-Marie, B.Sc.	1955	† Forward, Marilyn Joy, B.Sc.	1962
Fitzgerald, Bartholomew John, B.A.	1929	Forwood, Peter Strauss, B.Sc.	1956
Fitzgerald, Clarence Lindsay, B.A.	1952	Foster, Robert, B.E.	1955
† Fitzgerald, Desmond Elwyn, B.Tech.	1961	Fotheringham, James David, M.B., B.S.	1937
Fitzgerald, Gerald, B.D.S.	1932	Fotheringham, Walter Douglas, B.E.	1956
Fitzgerald, Hugh Lawrence, B.A.	1940	Fowler, Dorothy Colyer, B.A.	1949
Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908	Fowler, James Henry, B.E.	1952
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928	Fowler, Kenneth Raymond, B.A.	1955
Fitzpatrick, Alan Harding, M.B., B.S.	1953	Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951
Flaherty, Anna Theresa, B.A.	1953	Fowler, Robert Malcolm, B.Ec.	1958
Flaherty, Edward John, B.A.	1924	Fowler, Russell Aubrey, B.Sc.	1919
Flaherty, Francis Ignatius, M.B., B.S.	1935	† Fowler, Trevor John, B. Ec.	1962
Flaherty, James Aloysius, M.B., B.S.	1952	Fox, Bruce Spafford Owen, M.B., B.S.	1958
Flaherty, Teresa Anne, B.A.	1958	Fox, David Michael, B.D.S.	1953
Flecker, Margaret Mabel, M.B., B.S.	1932	Fox, Ina Alice Owen, M.B., B.S.	1938
Flecker, Patrick Oscar, M.B., B.S.	1944	Fox, Robert Owen, M.B., B.S.	1925
Fleming, Francis John, B.E.	1938	† Fox, William Thomas, B.Tech.	1962
Fleming, Hugh Douglas, B.E.	1934	Frahm, Leslie John, M.Sc. (B.Sc., 1941)	1949
† Fleming, Kenneth Howard, B.Tech.	1962	Francis, Albert Edward John, B.Sc.	1949
Flentje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947	Francis, John Graham, M.B., B.S.	1955
Fletcher, Ann Willoughby, B.A.	1953	† Francis, Juris, B.Sc.	1962
Fletcher, Enid Lilian, B.A.	1959	Francis, Robert John, B.Sc.	1959
Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936	Francis, Vera Eleanor, M.A. (B.A., 1938)	1941
Fletcher, Helen Weld, B.A.	1933	Francis, Wilfred Galton, B.E.	1935
† Fletcher, Ian Clark, B.Ag.Sc.	1961	† Franklin, Ian Robert, B.Sc.	1960
Fletcher, John Weld, LL.B.	1947	Franks, Mary Lorraine, B.Sc.	1959
† Fletcher, Judith Willoughby, B.Sc.	1960	Fraser, Dougal, B.D.S.	1958
Flett, John Stanley, B.Sc.	1941	Fraser, Duncan Lovat Radcliffe, B.Sc.	1950
M.B., B.S.	1951	Fraser, Frederick Christopher, B.D.S.	1938
Flierl, Hans Eric, B.E.	1957	Fraser, Harry Lovat, LL.B.	1932
Flint, Harold Elsdon, M.A. (B.A., 1919)	1927	B.A.	1933
Flint, Richard Russell, B.E.	1942	Fraser, Hugh Barron, M.B., B.S.	1955
Florey, Hilda Josephine, M.B., B.S.	1912	Frayne, Graham Arthur, B.D.S.	1933
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921)	1944	Frayne, Harold Bruce, M.D.S. (B.D.S., 1940)	1953
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950	Frayne, John Felix, M.B., B.S.	1936
Flower, Clifford James McKinnon, M.B., B.S.	1953	Frayne, Max Thorley, B.D.S.	1945
Flynn, Kevin John, B.A.	1938	Frayne, Peggy Searle, B.Sc.	1945
Foale, Harold Robert, LL.B.	1933	Frederick, Esmond Joseph, M.B., B.S.	1953
Foale, Michael Ambrose, B.Ag.Sc.	1957	† Freeman, Barry Claude, B.E.	1961
† Fong, Jek Swee, B.E.	1960	Freeman, Jef Elliot, B.Sc.	1940
† Fong, Lian Hern, B.Sc.	1961	† Freeman, Robert Roger, M.B., B.S.	1962
Fong, Thin Yiew, B.E.	1958	Freestun, William David, B.E.	1949
Fong, Yeng Soh, B.E.	1959	† Freidenfelds, Maija, B.D.S.	1961
† Foo, Chee Eng, B.E.	1960	† Freidenfelds, Mara, B.Sc.	1961
Foong, Siew Muay, M.B., B.S.	1957	Freidenfelds, Regina, B.D.S.	1956
† Foong, Swee Kai, B.E.	1961	French, Alfred, M.A. (Cambridge, 1946)	1951
Foord, Peter Maxwell, B.E.	1952	French, Eric Lancelot, M.Sc. (B.Sc., 1942)	1948
† Foot, Colin John, B.E.	1962	† French, Margaret, B.A.	1961
Foot, George Buchanan, B.Sc.	1934	French, Reginald James, B.Ag.Sc.	1948
Footner, Bruce Albert, B.Tech.	1958	Freney, Martin Raphael, B.Sc.	1930
Forbes, Alexander James deBurgh, B.A.	1951	Freytag, Ian Bernard, B.Sc.	1955
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956	† Frick, Anthony James, B.E.	1962
		Frick, Majorie May, LL.B.	1934
		† Frick, Patricia Marian, LL.B.	1938
		Frick, Ross Allen, B.Sc.	1952
		Fricke, Graham Andrew, B.E.	1955
		Fricke, Lyall Peterie, B.Sc.	1949
		B.A.	1951

\* Deceased.

† Not yet Members of the Senate.



Giles, Douglas Haynes, B.E.	1954	†Goldsmith, Robert Eric Lewis, B.Sc.	1961
Giles, Harold, B.A.	1911	Goldsworthy, Arthur Clive, B.A.	1953
Giles, Ireton Elliot, B.A.	1897	Goldsworthy, David, B.A.	1949
Giles, Jack Bernard, B.Sc.	1943	†Goldsworthy, David John, B.A.	1960
Giles, James Palmer, B.A.	1931	Goldsworthy, Eric Roger, B.Sc.	1950
Giles, James Ramsay, B.A.	1959	Goldsworthy, Janice Julia, B.A.	1956
Giles, Keith Emanuel, M.B., B.S.	1951	Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930
Giles, Mortimer, LL.B.	1911	Goldsworthy, Lance Rodney, M.B., B.S.	1959
Giles, Nigel Stuart, B.Sc.	1905	Goldsworthy, Reuben, B.Sc.	1948
Giles, Peter Mortimer, B.E.	1953	B.A.	1962
†Giffedder, Peter Thomas, B.A.	1961	Colinger, Donald, M.B., B.S.	1955
Giffillan, William Robert, B.E.	1948	Colledge, John Gouldhawke, M.B., B.S.	1954
Gill, Clarence William Cecil, B.A.	1934	†Colley, Malcolm George, B.Sc.	1962
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913	Gomez, Rodolfo Mesina, B.Tech.	1959
Gill, Raymond Harold, B.E.	1951	Good, Brian Francis, B.Sc.	1955
Gill, Richard Townshend, M.B., B.S.	1951	Good, Frances Helena, B.A.	1916
Gill, Robert Charles, B.Sc.	1957	Good, Richard John, B.E.	1953
†Gill, Rodney Trevor, B.Ec.	1961	Goodale, Peter Lewis, B.E.	1957
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934	Goodchild, Robin John, B.Sc.	1955
Gillam, Leon George, M.B., B.S.	1954	Goode, Benjamin Ryall, M.B., B.S.	1947
Gillen, Robert Spencer, M.B., B.S.	1953	Goode, Harold Ralph, B.E.	1945
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1938)	1943	Goode, Henry Arthur, M.B., B.S.	1938
Gillespie, Doris Pearl, B.A.	1940	Goode, John Reginald, B.Ag.Sc.	1937
Gillespie, Elsie Jean Ann, B.A.	1935	Goode, Kenneth Burden, B.E.	1914
Gillespie, Frank Cecil, B.Sc.	1956	Goode, Muriel Gertrude, Mus. Bac.	1911
Gillespie, William Charles, LL.B.	1927	Goode, Philip Charles Ryall, M.B., B.S.	1939
Gillett, Bernard St. Patrick, M.B., B.S.	1928	Goode, Thomas Britten, M.B., B.S.	1952
Gillett, Mervyn Clem, LL.B.	1931	Goode, Thomas Ryall, B.E.	1937
Gillham, Charles Alfred, B.A.	1911	Gooden, Edgar Whitridge, B.Sc.	1957
Gillham, James Edgar, B.A.	1954	Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955)	1958
†Gilligan, John Eugene, M.B., B.S.	1961	Gooden, John Stanley, M.Sc. (B.Sc., 1940)	1945
Gilman, Phyllis Constance, B.A.	1916	Gooden, Philip Compton, M.B., B.S.	1952
Gilmore, Hugh Robert, M.B., B.S.	1945	†Gooden, Rosalind Mary, B.Sc.	1960
Gilmore, Jean, LL.B.	1934	Goodenough, Warwick William, B.A.	1953
Giorgio, Antonio, M.B., B.S.	1956	Goodes, William John, B.Sc.	1958
Gladigau, Rita Doreen, B.Ec.	1948	Goodhart, Mabel Flora, LL.B.	1927
Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951	Goodhart, Richard Akhurst, M.B., B.S.	1941
Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958	Goodman, Cyril William, B.E.	1915
Glastonbury, Dudley Ivan, B.Sc.	1930	†Goodrich, John Eric, B.Sc.	1960
B.A.	1933	Goodrich, Roy Stanley, B.Sc.	1953
Glastonbury, James Oliver Garnet, B.A.	1932	Goodwin, Geoffrey Leonard, B.A.	1955
M.Sc. (B.Sc., 1928)	1935	M.Sc. (B.Sc., 1951)	1959
Glastonbury, Keven, M.B., B.S.	1926	Gordon, Ian Donald, B.E.	1959
Glayde, Ernest James, B.E.	1927	Gordon, John Murray, Mus.Bac.	1953
Gledhill, John Douglass, B.E.	1952	B.A.	1956
Glenn, Graham Gordon, B.A.	1958	Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949
Glenn, Margaret Joy, B.A.	1958	Gordon, Leslie Kenneth, LL.B.	1953
Glesinger, Marianne Antonie, M.B., B.S.	1953	Goscombe, Peter Watson, B.Sc.	1959
Gliddon, Alfred Bertram Keith, M.B., B.S.	1948	Goss, Mary Blanche, B.A.	1936
Gliddon, William Aquilla Robert James, B.A.	1950	Goss, Noel Frederick, B.A.	1934
†Glinka, Natalie, M.B., B.S.	1962	†Gotjamanos, John, LL.B.	1962
†Clonek, Jan, B.Tech.	1962	†Gottschall, Martin, B.E.	1960
Clover, Brian, B.Sc.	1945	Gough, John Lewis, B.A.	1945
Clow, Peter Helmut, Ph.D. (London, 1958)	1960	†Gould, Ian Morris, B.Sc.	1962
Cluis, John, M.A. (B.A., 1911)	1922	Gould, Joseph Gordon, B.Sc.	1955
Gluyas, Maxwell Allan, M.B., B.S.	1957	Gould, Murray William, B.E.	1959
Gluyas, Richard John, B.D.S.	1956	Gouldhurst, Peter Richard Stuart, M.B., B.S.	1955
Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Goenlock, James Coburn, Mus.Bac.	1943
Glynn, Brian McMahon, LL.B.	1933	Gower, Charlie James, B.A.	1954
Glynn, Denis McMahon, LL.B.	1929	†Gower, Robert Pierce, M.B., B.S.	1961
Glynn, Robert McMahon, M.B., B.S.	1919	†Grace, Muriel Jean, B.Sc.	1960
Gnanasambagan, Balasuntharam, B.E.	1959	Gradussov, Alexis, B.A.	1958
Goatcher, Philip Daniel, M.B., B.S.	1945	Graebner, David Carl, B.E.	1953
†Goble, James Roy, B.Tech.	1960	†Graetz, Rodney Dean, B.Sc.	1962
†Gobbett, Donald Lyon, B.A.	1962	Graham, George Finlay, B.E.	1927
†Gobbett, Estelle Margaret, B.A.	1961	Graham, Janet Scott Douglas, Ph.D. (St. Andrews, 1956)	1960
†Gobbett, Thelma Jean, B.A.	1950	Graham, Mary Theresa, M.A. (B.A., 1929)	1933
Goddard, Peter Norman Lighton, B.Sc.	1959	Graham, May Elisabeth, B.A.	1941
†Godfrey, Edward John Owen, M.B., B.S.	1945	†Graham, Meredith May, B.A.	1962
†Godfrey, James Cecil, B.E.	1962	Graham, Roger Dean, B.E.	1950
†Godfrey, Kirke Charles, M.B., B.S.	1914	Grant, Allan Kerr, M.B., B.S.	1947
†Godfrey, Robert Charles, M.B., B.S.	1944	Grant, Colin Kerr, B.Sc.	1931
Godlee, Margery Rebecca, B.A.	1917	†Grant, Donald Charles, M.B., B.S.	1961
Godlee, Theodore, M.B., B.S.	1932	Grant, Donald Kerr, M.B., B.S.	1942
†Godwin, Suzanne, B.A.	1962	Grant, John McBain, M.Ec. (B.Ec., 1950)	1953
Gold, Mervyn Roy, M.B., B.S.	1939	Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901)	1911
Gold, Ronald Geoffrey, M.B., B.S.	1952	Grant, Marjorie Ruth, B.A.	1939
Goldbeck, Rene Alice, M.B., B.S.	1949	Grant, Mary Raymond, M.Sc. (B.Sc., 1945)	1950
Goldby, Frank, M.D. (Cambridge, 1936)	1937	Grant, Richard Longford Thorold, M.B., B.S.	1918
Goldfinch, Arthur Leslie, B.Sc.	1951	Grasso, Rosario, M.Sc. (B.Sc., 1954)	1961
†Goldfinch, Conway Peter, M.B., B.S.	1961	†Grastins, Dagnija, B.A.	1960
†Golding, Edmund William, B.A.	1951	Gratton, Gordon Svdney, LL.B.	1950
†Golding, Phyllis May, B.A.	1951	Gratton Marshall Gladstone, M.B., B.S.	1941
†Goldney, David Charles, B.Sc.	1962	Gratton, Mephan John, B.E.	1934

\* Deceased.

† Not yet Members of the Senate.

*Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915)	1920	Grosse, John Allan, B.A.	1958
Grava, Andrejs, B.D.S.	1956	Grosser, Agnes Juliana Hulda, B.A.	1910
Grave, Keith Cyril, B.D.S.	1956	Grosvenor, Cyril, B.D.S.	1925
Gray, Alexander Frederick, B.Sc. (Eng.)	1942	Grosvenor, Edna Mary, M.A. (B.A., 1921)	1926
† Gray, Allen Bruce, B.Sc.	1961	Grote, Albert Walter, M.B., B.S.	1926
Gray, Donald Mervyn, B.Ec.	1958	Grote, Fay, M.B., B.S.	1956
Gray, Eric William, B.A.	1931	Grote, Keith Walter, B.D.S.	1956
Gray, Frederic Victor, M.Sc. (B.Sc., 1935)	1948	Groves, Murielle Annis Clemland, B.A.	1937
Gray, Harvey Hamilton, B.Ec.	1949	Grubb, Yvonne, B.A.	1951
B.A.	1952	Gubbay, Sasson Stephen, M.B., B.S.	1957
Gray, Keith Douglas, M.B., B.S.	1926	Gubbins, Heather Welch, B.A.	1950
Gray, Maurice Chadwick, B.Sc.	1933	Gudkovs, Ariss, M.B., B.S.	1955
Gray, Neil Boon, B.E.	1958	Guerin, Robert Langley, M.B., B.S.	1957
† Gray, Rodney Leonard, B.E.	1962	Guerin, Ronald St. Clair, B.E.	1953
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered)	1913	Guinand, Andrew Paul, B.Sc.	1932
Gream, George Edward, Ph.D. (Cambridge, 1961)	1962	Guinand, Mimi Helen, B.A.	1938
Green, Alan Elston, B.Sc.	1949	Gulland, David Lumgair, M.B., B.S.	1955
Green, Cynthia Joan, B.A.	1945	Gulland, Ian Ferris, M.B., B.S.	1956
Green, Donald Clare, B.Sc.	1942	† Gun, Richard Townsend, M.B., B.S.	1960
Green, Harry Edward, B.E.	1957	† Gunaratnam, Daniel, B.E.	1962
Green, Herbert Sydney, D.Sc. (Edinburgh)	1952	Gunn, Archibald Keith, B.E.	1956
† Green, Jennifer Lois, B.A.	1962	Gunn, James Allan Baikie, B.A.	1959
Green, John William, B.Sc.	1953	Gunn, John Alexander, M.A. (Liverpool, 1919)	1926
Green, Lawrence Goodwin, B.Ec.	1951	Gunning, Julienne Elizabeth Stannus, M.B., B.S.	1958
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958)	1960	Gunning, Norman Stannus, M.B., B.S.	1926
B.A.	1929	Gunson, John Grattan, M.B., B.S.	1952
Green, Louis Ferdinand, M.A. (B.A., 1958 (Queensland, 1951))	1961	Gunson, John Michael Morphet, M.B., B.S.	1933
Green, Mary Patricia, B.Sc.	1954	Gunton, James Donald, B.A.	1938
Green, Patricia Marie, B.A.	1959	Guppy, Douglas James, B.Sc.	1944
Green, Ralph Noel, B.A.	1954	Guppy (nee Knox), Joan Claudia, B.Sc.	1943
Green, Richard Maslen, B.A.	1937	Gurner, Colin, M.B., B.S.	1918
Green, Ronald Gordon, B.Sc.	1949	Gurner, Colin Marshall, M.B., B.S.	1942
Green, William Allan McInnes, B.E.	1928	Gurney, Harold Cyril, M.Sc. (B.Sc., 1930)	1932
Greenfield, Vivian Hutchison, B.Sc.	1951	Gurr, Clifford George, B.Sc.	1947
Greenhough, Arthur David, B.E.	1942	Gurr, Graham Edward, Ph.D. (B.Sc., 1956)	1962
Greenland, Dennis James, Ph.D. (Oxford, 1955)	1960	Guster, Allan Frederick, B.E.	1951
Greenland, Patrick Cecil, M.A. (B.A., 1931)	1933	Guthaner, Ernst M.B., B.S.	1942
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered)	1913	† Guy, Robert William, B.Sc.	1962
Greenlees, Rollo, M.B., B.S.	1937	Guymer, Arthur Howes, M.B., B.S.	1915
† Greenslade, Noel Walter, B.Sc.	1960	Guymer, Ernest Albert, M.B., B.S.	1914
Greenway, Harold, B.E. (B.Sc., 1906, surrendered)	1913	Guymer, Max William, M.B., B.S.	1947
Greenway, Thomas Charles, B.Sc.	1900		
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A.	1907	H	
Greer, Henry Steven, M.B., B.S.	1952	Habib, Bernadette Dolores, M.B., B.S.	1954
Greet, Elizabeth Bronwen, B.A.	1958	Habich, Carl Gerhard, B.A.	1932
Greet, Frank Hamilton, B.A.	1953	Habich, Carl Julius, B.E.	1930
Greet, Norman George Frank, M.A.	1928	† Hack, Gulielma, B.Sc.	1961
Greet, Raymond James, B.A.	1957	Hackett, Cecil John, M.D. (M.B., B.S., 1927)	1935
Gregory, Cedric Errol, B.E.	1931	Hackworthy, Harold Stewart, B.Sc.	1945
B.A.	1944	† Haddad, Gerald Neil, B.Sc.	1962
Gregory, Janet Phillis, B.A.	1954	† Haddock, Graham James, B.Tech.	1961
Grenfell, Ian Henry, B.A.	1957	Haddrick, Eric Murray, LL.B.	1954
Grewar, Lais Valerie, M.B., B.S.	1952	Haddrick, Peter Donald, B.E.	1953
Gribble, Albert Elijah, M.B., B.S.	1929	Haden, John Forbes, B.A.	1953
† Gribble, Cynthia May, B.A.	1962	Haefner, Paul Clifford, Ph.D. (Leeds, 1957)	1959
Grierson, John James, B.E.	1937	Haese, Beth Theodora, B.A.	1947
Grieve, Ian Charles, LL.B.	1953	Haese, David Kinnear, LL.B.	1957
*Griff, Bernard, LL.B.	1925	Haese, Ernst Alfred Wilhelm, B.A.	1943
† Griffin, Brian Richard, B.Ec.	1961	Haese, Frederick Ernest Douglas, B.A.	1950
Griffin, Danielle, B.A.	1949	Hague, John Stanley, B.A.	1956
Griffin, Donald Ward, B.E.	1951	Hague, Ralph Meyrick, LL.B.	1932
Griffin, Gerald John, B.A.	1957	Hahn, Hurtle William, B.A.	1933
† Griffin, Kenneth Trevor, LL.B.	1962	Haines, Colin Edward, B.Ag.Sc.	1941
† Griffin, Peter Thomas, B.Sc.	1962	† Haines, David Albert, M.B., B.S.	1962
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Haines, Murray David, B.A.	1947
Griffiths, George Townsend, Mus.Bac.	1915	† Haines, Peter David, B.E.	1960
† Griffiths, Peter Royston, B.Ec.	1962	Haines, Norman Lindsay, B.A.	1947
Griffiths, Thomas Lester, LL.B.	1913	Hains, Ivan Coronel, M.B., B.S.	1911
† Griggs, Arden Michael, B.Arch.	1961	Hains, Robert Myer, M.B., B.S.	1940
Griggs, Clarence Middleton, B.Sc.	1924	Hakendorf, Andrew John, M.B., B.S.	1929
Griggs, James Middleton, B.E.	1949	Haldane, Alexander David, B.Sc.	1949
Grimes, Louisa Catherine, Mus.Bac.	1937	† Hale, Malcolm Robert, B.E.	1962
Grimwade, Arnold Elliott, B.Sc.	1955	Hale, Robert Palmer, B.Sc.	1954
Grivell, Baden John, B.E.	1958	Hall, Alfred Daniel, M.A. (Oxford)	1914
Grivell, Peter Desmond, M.B., B.S.	1956	Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956
Gross, Gordon Flinders, M.Sc. (B.Sc., 1950)	1956	Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922
Gross, Klem Bassett, B.E.	1924	Hall, Donald Richard, M.B., B.S.	1959
Gross, Patricia Mary, B.A.	1950	Hall, Elizabeth Adelaide Anne, B.Sc.	1959
		Hall, Frederick Leonard, B.Ec.	1955
		Hall, Geoffrey Charles, B.D.S.	1958
		Hall, Jocelyn Rosemary, B.A.	1948
		Hall, Marjorie Gertrude, Mus.Bac.	1931
		Hall, Norman Bruce, M.B., B.S.	1917
		Hall, Robert Darwin, B.E.	1956
		† Hall, Valerie Lois, B.Sc.	1962

\* Deceased.

† Not yet Members of the Senate.

Hall, William Oswald James, B.Sc.	1950	Hardy, Mabel Phyllis, B.A.	1914
Hallett, Evan Charles, M.B., B.S.	1947	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
Hallett, Harold Sinclair, B.E.	1932	†Hare, Robert McKay, M.B., B.S.	1962
†Hallett, Joan, B.Sc.	1960	Hargrave, John Charles, M.B., B.S.	1954
Hallett, Reginald Thomas, B.E.	1938	Hargrave, Nathaniel Charles, LL.B.	1938
†Halley, Winifred, M.B., B.S.	1960	B.A.	1939
Halloran, Noel, M.B., B.S.	1953	Harkness, Robert, B.A.	1907
†Halvax, Karoly, M.B., B.S.	1959	Harley, David George, B.E.	1953
Hamann, Keith Maurice, B.Sc.	1953	Harley, James Froomes, M.B., B.S.	1951
Hambidge, Margaret Cecile, B.A.	1935	Harley, Marjory, B.A.	1925
Hambly, Francis Sutherland, B.Ec.	1957	Harley, Peter Ash, B.E.	1956
Hambly, Peter Sutherland, B.A.	1957	Harman, Lewis Clive, B.D.S.	1953
Hambly, William Frank, M.A. (Melbourne)	1952	Harman, Ray, B.Ec.	1959
Hamden, William Caill, M.B., B.S.	1953	Harms, John Eric, M.Sc. (B.Sc., 1951)	1960
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harms, Lois Philippa, M.B., B.S.	1948
Hames, Muriel Jean, B.A.	1941	†Harmstorf, Ian Arnold, B.A.	1961
Hamilton, David Wyndham, M.B., B.S.	1959	Harniman, William Ronald, LL.B.	1936
Hamilton, Frank Alexander, B.E.	1941	†Harper, Anthony, LL.B.	1926
Hamilton, Ian Ayliffe, M.B., B.S.	1924	†Harper, Brian John, B.Tech.	1961
Hamilton, Ian Michael, M.B., B.S.	1956	Harper, Judith Mary, M.B., B.S.	1957
Hamilton, Ian Scott, LL.B.	1951	Harper, Ronald George, B.A.	1939
Hamilton, Jean Ann, B.Sc.	1947	B.Ec.	1947
Hamilton, Margaret Berner, B.Sc.	1952	Harrington, Colin, B.A.	1947
Hamilton, Reginald Hewgill, M.B., B.S.	1925	Harrington, Enid Gretta, B.A.	1950
†Hamilton, Susan Kinley, B.A.	1962	Harrington, Joan Margaret, B.Sc.	1945
Hamilton, William Murray, M.B., B.S.	1944	Harrington, Reginald Frank, B.D.S.	1943
Hammill, Robert Duncan, M.B., B.S.	1942	Harrip, Brian John, B.A.	1950
Hammond, Brian George, B.Sc.	1957	Harris, Allan Cuthbert, B.Sc.	1923
Hammond, Henry Grant, M.B., B.S.	1944	Harris, Beryl Ruth, B.A.	1935
Hammond, John Michael, M.Sc.	1958	Harris, Cecil George, B.A.	1951
Hamp, Frances Marian, M.B., B.S.	1925	Harris, Charles Reginald Schiller, Ph.D.	
Hanra, Kameel Lawrence, M.B., B.S.	1958	(D.Phil., Oxford, 1924)	1959
Hancock, George Alfred, M.A. (B.A., 1901)	1909	Harris, Clare Sparkes, LL.B.	1925
Hancock, James Russell, B.Sc.	1941	Harris, David Hall, M.B., B.S.	1942
Hancock, John Owen, M.B., B.S.	1952	Harris, David John, M.B., B.S.	1952
Hancock, Jonathan Yeatman, M.B., B.S.	1959	Harris, Digby Ian, M.B., B.S.	1953
Hancock, Keith Jackson, Ph.D. (London, 1959)	1960	Harris, Dominic Richard, B.Tech.	1959
Hancock, Richard Russell, B.E.	1958	Harris, Donald Dunstan, M.A. (B.A., 1928)	1929
Hancock, William Andrew, B.Sc.	1924	†Harris, Donald Ernest, B.Tech.	1960
Hancock, Sir William Keith, M.A. (Oxford, 1930)	1931	Harris, Dorothy Mary, B.A.	1919
Handley, Donald Alfred, M.B., B.S.	1953	Harris, Dudley Andrew, B.A.	1938
Handley, Harold Arthur, M.B., B.S.	1951	Harris, Frank Randall, B.Ec.	1955
Handley, Joan Marie, M.B., B.S.	1955	Harris, Ian Antrobus, M.B., B.S.	1949
Hankel, Barbara Joan, B.A.	1954	Harris, James Dunbar, M.B., B.S.	1953
†Hann, Christopher Sinclair, B.Sc.	1962	Harris, Jack Ronald, M.Sc. (B.Sc., 1943)	1951
†Hanna, Marshall John Dawson, M.B., B.S.	1962	Harris, John, M.B., B.S.	1924
†Hanna, Robert Graham, B.Tech.	1960	Harris, John Alfred, B.Sc.	1962
Hannaford, Brian Douglas, B.Sc.	1945	Harris, John Ernest, B.E.	1949
†Hannam, Alan Gordon, B.D.S.	1962	Harris, Lorna Muriel, B.A.	1934
Hannan, Albert James, M.A. (B.A., 1909)	1914	Harris, Robert Oxenberry, B.Ec.	1958
LL.B.	1912	†Harris, Roger Lawrence Newton, B.Sc.	1960
Hannan, Clare Reginald, LL.B.	1922	Harris, Shirley Joyce, B.A.	1938
Hannan, Ian Ignatius, B.E.	1949	Harris, Sophie Dora, B.A.	1928
LL.B.	1958	Harris, William Brocas, B.Ag.Sc.	1947
Hannan, John Spencer, LL.B.	1958	Harris, William Patrick, M.B., B.S.	1933
Hannan, Mignon Elizabeth, LL.B.	1955	Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959
Hannon, Dennis Francis, M.B., B.S.	1942	Harrison, Howard Raymond, B.Sc.	1948
Hannon (née Lewis), Gweneth Elizabeth, B.D.S.	1932	B.A.	1955
Hansberry, Gerald Maxwell, M.B., B.S.	1953	Harrison, Jack, B.Ec.	1959
Hansberry, John Pierce, B.A.	1945	Harrison, Peter Linden, B.E.	1959
Hansberry, Mary Estelle, B.Sc.	1951	Harrison, Walter, B.A.	1929
B.A.	1954	Harrold, Colin Morse, M.B., B.S.	1953
†Hansberry, Sara, B.A.	1962	†Harry, Antony Romilly, LL.B.	1961
Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956	Harry, Arthur Hartley, B.A.	1901
Hansen, Ian Victor, B.A.	1950	Harry, Geoffrey Courtenay, LL.B.	1925
Hansen, Ruth, B.Sc.	1956	Harry, Grant Varley, B.E.	1953
Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952	Harry, Irene Pearl, B.A.	1915
Hanson, Bertram Speakman, M.B., B.S.	1928	Harry, Romilly Carveth, LL.B.	1929
Hanson, Thomas Anthony Speakman, M.B., B.S.	1959	Hart, Arthur Maxwell, B.A.	1950
Alan Thomas, M.B., B.S.	1927	Hart, David Henderson, B.Sc.	1942
John Henry, M.B., B.S.	1949	†Hart, Gavin, B.Sc.	1960
Peter Alan, M.B., B.S.	1953	†Hart, John Austin, B.E.	1961
William Arthur, B.E.	1938	Hart, Mary Margaret, B.A.	1950
Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956)	1959	Hartill, Graeme Donald, M.B., B.S.	1955
Harders, Clarence Waldemar, LL.B.	1944	†Hartley, Douglas Glen, B.Tech.	1961
Harding, Florence Mary, M.A. (N.Z., 1932)	1949	Hartshorne, Brian Herbert, M.B., B.S.	1952
†Harding, Philip Ernest, B.Med.Sc.	1962	Hartwig, Ivan David, B.Tech.	1959
Hardy, Alfred Burton, LL.B.	1898	†Hartwig, Mervyn Carl, B.A.	1961
Hardy (nee Beckwith), Anne Caroline, M.Sc., (B.Sc., 1944)	1947	†Hartwig, Robert Eduard, B.Sc.	1962
Hardy, Evan Lovell, B.E.	1935	Harvey, Alison, B.A.	1938
Hardy, John Evans Simpson, M.B., B.S.	1945	Harvey, Bernice Enid, Mus.Bac.	1928
Hardy, John Howard, B.A.	1955	Harvey, Christine Alice, B.A.	1955
Hardy, John Scott, LL.B.	1926	Harvey, Dean Lawrence, B.Sc.	1947
		Harvey, Faith Fairbank, Mus.Bac.	1925
		B.A.	1936
		Harvey, Frederick George, M.A. (Yale, 1934)	1934
		†Harvey, Joseph Leonard, B.Tech.	1960
		Harvey, Raymond Hynson, B.E.	1936

\* Deceased.

† Not yet Members of the Senate.

Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948	Hebart, Armin William, B.Sc.	1944
Harvey, Wilbur Henry, B.E.	1955	†Hebart, Hans Friedemann, B.A.	1961
Harvie, Sydney Haral, B.Sc.	1927	Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932
†Harwood, Denis Arthur, B.Sc.	1960	Hebart, Werner Friedrich, B.A.	1934
Harwood, John William, M.B., B.S.	1953	Hecker, Joyce, B.A.	1955
Haselgrove, Harold Frederick, M.B., B.S.	1946	Hecker, Olive May, B.A.	1954
Haselgrove, Helene Martha, B.A.	1923	Hecker, Robert, M.D. (M.B., B.S., 1947)	1956
Haselgrove, Janet Storrie, B.Sc.	1950	Heddlie, Frederic French, M.B., B.S.	1935
Haselgrove, Richard Frederick, B.Ag.Sc.	1959	Heddlie, Robert Charles, M.B., B.S.	1942
Haselgrove, Wilfred Eric, B.E.	1937	Heddlie, Shirley, B.A.	1947
Haseloff, Milton Conrad, B.A.	1956	Hedger, Dorothy Mavis, B.A.	1936
Hasenohr, David, B.Sc.	1951	Hedger, Joy West, B.Sc.	1959
Hasenohr, Edward, B.A.	1938	Hefford, Ronald Keith, M.Ec. (B.Ec., 1956)	1962
Hasenohr, Geoffrey, M.B., B.S.	1948	Heidenrich, George Bernhard Franz, B.A.	1944
†Haskard, Donald Leith, B.E.	1962	Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949
Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925)	1936	Heinemann, Mary Josephine, B.A.	1948
Haskard, John Rex, B.Sc.	1950	Heinemann, Mervyn Lambert, B.A.	1940
Haskard, Malcolm Rosswyn, B.E.	1959	†Heinjus, David Frederick, B.Tech.	1960
Haslam, Christopher Osborne, B.Sc.	1958	Heinrich, Harold Gordon, B.Ec.	1956
Haslam, Denise Allison, B.Sc.	1953	Heinrich, Jeff Dean, B.Sc.	1949
Haslam, Margaret Martha, M.B., B.S.	1935	†Heinrich, Kevin John, B.Sc.	1962
Hassell, Frank Colin, B.E.	1933	Heithersay, Geoffrey Sinclair, B.D.S.	1956
Hassell, Kathleen Lillian, M.A. (B.A., 1923)	1927	Heitmann, Dorothea Smith, M.B., B.S.	1949
Haste, Mary Joan, B.A.	1941	Heitmann, John Smith, M.B., B.S.	1951
Haste, Reginald Arthur, B.Sc.	1911	Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957
M.B., B.S.	1914	Hemingway, Peter Cunliffe, B.Sc.	1949
Hastings, Margaret Claire, M.B., B.S.	1958	Henderson, Eric Malcolm, B.E.	1932
Haves, Brian Richard Albert, B.E.	1953	†Henderson, James Young, B.Ec.	1961
Hawke, Cynthia Joy, B.A.	1957	Henderson, Leonard Ross, B.Ec.	1949
Hawke, John Burton, M.B., B.S.	1954	Henderson, Margaret Evelyn, B.A.	1956
Hawke, John Gardner, B.Sc.	1954	†Henderson, Murray Scott, B.Ec.	1962
Hawke, Vivian Lee, M.B., B.S.	1946	Henderson, Roland, LL.B.	1926
Hawkins, Doris Marguerite, B.A.	1917	Henderson, Ronald George, M.E. (B.E., 1957)	1962
Hawker, Elizabeth Julie Seymour, B.A.	1942	Hendrickson, Douglas Buxton, M.B., B.S.	1941
Hawker, John Seth, Ph.D. (B.Sc., 1956)	1962	Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959
Hawkes, Joan Muriel, B.A.	1955	†Henning, Graydon Read, B.Ec.	1961
Hawkes, Rose Adeline, B.A.	1928	Henningsen, Marcus, B.E.	1952
Hawkins, Frederick James, LL.B., B.A.	1942	Henschke, Lawrence Ronald, B.E.	1951
Hawkins, Henry Stuart, B.Ag.Sc.	1956	Henschke, Norman Frederick, B.Sc.	1952
†Hawryskiewycz, Igor Titus, B.E.	1961	†Hensel, David John, B.E.	1962
Hay, Gordon Stuart Baron, M.B., B.S.	1958	Hensel, Gordon Maxwell, B.Sc.	1951
Hay, Judith Alison Ruth, M.B., B.S. (Sydney, 1950)	1962	Herath, Meevakkala Mudiyanseelage Jinadasa Willehad, B.Sc.	1955
Hayball, John Frederick, B.Sc.	1958	Herbert, Gilbert, M.Arch. (Witwatersrand, 1956)	1962
†Haydon, Anthony Peter, B.A.	1961	Herbert, Septimus Giffen Mills, B.Sc.	1949
†Haydon, Donald George, B.A.	1961	†Herbst, Kazimierz, B.Tech.	1962
†Haydon, Robert James, B.Tech.	1961	Hercus, Robert William, B.E.	1959
Hayes, Horace Townsend, M.B., B.S.	1936	†Heritage, Enid Helena, B.A.	1961
Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958	†Herman, Eugene, B.A.	1960
Haynes, James Dalrymple, B.A.	1950	Hermes, Clarence Lindsay, LL.B.	1951
Hayward, Edward Leo, LL.B.	1925	†Heron, Ian Craig, B.Sc.	1962
Hayward, John, B.E.	1953	Herriot, Robert Irvine, B.Ag.Sc.	1932
Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936	Herriot, Ronald Melbourne, B.E.	1952
Hayward, Judith Marie, B.Sc.	1959	Hersel, August Wilhelm, B.A.	1935
Hayward, Lancelot Alfred, M.B., B.S.	1914	†Hervey, Gordon Wayne, B.Sc.	1961
†Hayward, Norman William, B.A.	1960	Herzog, Paul, B.A.	1953
Hayward, Thomas Ronald, B.Ec.	1949	Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered)	1913
B.A.	1953	Heseltine, Samuel Richard, LL.B.	1908
Hayward, Walter Richard, B.A.	1934	Hester, David Albert, B.A. (Cambridge, 1956)	1958
Haywood, Edward Francis, M.B., B.S.	1952	Hester, Gwynn Thomas John, B.A.	1950
Head, John Graeme, B.Ec.	1954	Hetherington, Robert, B.A.	1951
Head, Malcolm Gordon, B.Tech.	1958	Hetzel, Basil Stuart, M.D. (M.B., B.S., 1944)	1949
Heading, Keith Edward George, B.Sc.	1930	Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926
B.A.	1938	Hetzel, Peter Stuart, M.D. (M.B., B.S., 1948)	1952
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900	Heuer, Powel Max, B.Sc.	1953
†Heairfield, Ian Venters, B.Sc.	1960	†Heuzenroeder, John Mathwin, B.A.	1962
Healy, Anthony Hodgens, B.D.S.	1952	†Heuzenroeder, Peter Mathwin, LL.B.	1960
Healy, Peter, B.Sc.	1948	Heuzenroeder, Reginald Leo, LL.B.	1923
Healy, Vincent Michael, B.Sc.	1939	Hewett, Esther Jean, B.A.	1938
Heard, Kenneth Harold, M.B., B.S.	1936	Hewett, Peter Neil, B.Sc.	1956
Heard, Lyall Scott, B.Sc. (Eng.)	1944	Hewgill, Frank Richmond, Ph.D.	1955
†Heard, Malcolm Keith, B.Tech.	1960	†Hewitson, Douglas Keith, M.B., B.S.	1962
Heard, Terrence George, B.Ag.Sc.	1959	Hewitson, Gordon Frank, B.A.	1951
Hearn, Anthony Clem, B.Sc.	1958	Hewitson, Malcolm Thomas, B.A.	1951
†Heaslip (nee Shorney), Barbara Kate, B.A.	1928	Hewitt, Cecil Austin, LL.B.	1924
°Heaslip, William Gordon, M.B., B.S.	1929	†Hewitt, Clement Barnett, LL.B.	1961
†Heath, George Ross, B.Sc.	1960	Hewton, Anthony Walter, B.Sc.	1957
Heath, Neil Stewart, Ph.D.	1955	Heyne, Carl William, B.D.S.	1949
Heath, Ronald Bertram, B.E.	1941	Heyne, Ida Marie, B.A.	1916
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928)	1928	Heyne, Laura Olga Hedwig, M.A.	1917
LL.B.	1932	Heyward, Marie Louise, B.A.	1941
Heaton, Herbert, M.A. (Leeds, 1912)	1918		
Heaysman, Clive, M.B., B.S.	1958		

\* Deceased.

† Not yet Members of the Senate.

Hiatt, Jack Thomas, LL.B.	1947	Hobbs, William Harris, M.B., B.S.	1958
B.Ec.	1948	Hobden, Joan Frances, B.Sc.	1952
Hibbert, Kevin Malcolm, B.E.	1953	†Hocking, Brian Dominic Windsor, B.A.	1960
Hickey, Kathleen Veronica, B.A.	1945	Hocking, Colin Stanley, B.Sc.	1949
Hickinbotham, Alan David, B.Sc.	1949	Hocking, Frank Maxwell, B.Sc.	1929
†Hicks, Barry Leon, M.B., B.S.	1962	†Hocking, Ian Winston, M.B., B.S.	1960
†Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1926	Hocking, Kevin, B.E.	1953
M.D. (M.B., Ch.B., N.Z., 1923)	1936	Hockney, Barry Herbert, B.Sc.	1955
Hicks, Dene Alan, M.B., B.S.	1948	Hodan, Miroslav, M.Ec. (B.Ec., 1953)	1959
Hicks, Edward Paul, M.B., B.S.	1951	Hodby, Frederic Stephen, LL.B.	1925
Hicks, Francis Gibson, LL.B.	1915	Hodby, Kenneth Wellesley, M.B., B.S.	1936
†Hicks, Harry Ernest, B.Tech.	1962	Hodby, Lindley David, M.B., B.S.	1929
†Hicks, John Buchanan, B.Sc.	1960	Hodge, Philip Richard, M.B., B.S.	1952
†Hicks, Michael D'Arcy Stanton, M.B., B.S.	1962	Hodge, Robert Ley, M.B., B.S.	1956
Hicks, Neil Dennis, M.D. (M.B., B.S., 1948)	1960	†Hodge, Warren David Payne, B.A.	1962
†Hicks, Peter George, B.Ag.Sc.	1961	Hodgkinson, Peter Willis, B.Ec.	1952
†Hicks, Ronald Pettinger, B.Ec.	1960	Hodgson, Ian Harold, B.D.S.	1950
Hicks, Warren Roseveare, B.Sc.	1944	Hodgson, Richard Berkeley, M.B., B.S.	1959
Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956	Hoeppner, Robert John, B.E.	1959
Hiern, Maurice Noel, B.Sc.	1952	Hoff, Lothar Clemens, M.B., B.S.	1953
Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949)	1954	†Hoffman, Desmond Charles, M.B., B.S.	1962
Higginbottom, Edwin Corlett, B.A.	1920	Hoffman, Jack, M.B., B.S.	1951
Higginbottom, Edwin John, B.Ec.	1950	†Hoffman, Mervyn John, M.B., B.S.	1960
Higgins, Alan Leslie, B.E.	1953	Hogan, Margaret Mary, B.A.	1950
Higgins, Alfred James, B.A.	1930	Hogan, Philip Cornelius, M.B., B.S.	1928
Higgins, Bruce Ashley, M.B., B.S.	1956	Hogarth, David Stirling, LL.B.	1931
Higgins, John William, B.A.	1957	Hogben, Roy, B.Sc.	1950
Higgins, Raymond Hugh Edward, B.Ec.	1956	†Hoh, Kam Yong, B.Sc.	1961
Higgs, Edward Davies, B.Ag.Sc.	1950	†Hoh, Kiang Hoy, B.E.	1962
Hilbig, Maxwell John, B.E.	1955	Hoile, Douglas Edward, M.B., B.S.	1951
Hilbig, Paul Berthold, B.A.	1930	Hoile, Edward Murray, M.B., B.S.	1953
†Hilbrink, Janna, B.A.	1960	†Hokin, John Andrew Baird, M.B., B.S.	1960
Hill, Albert Charles, B.A.	1914	Holdaway, Frederick George, M.Sc. (Queensland, 1925)	1926
Hill, Alma Isobel, B.A.	1948	Holden, Ethel, B.A.	1931
Hill, Arthur William, D.Sc. (Cambridge, 1918)	1927	Holden, Geoffrey Raymond, B.Sc.	1951
Hill, Donald Gordon, B.E.	1959	Holden, Ralph William, B.Tech.	1958
Hill, Douglas Henry, M.B., B.S.	1949	Holden, Robert William, B.E.	1950
Hill, Florence McCoy, B.Sc. (California, 1897)	1927	Holder, Alison Joyce, Mus.Bac.	1941
†Hill, Geoffrey Noel, B.Sc.	1961	Holder, Ethel Roby, M.A.	1901
Hill, Hilda Mary, B.A.	1961	Holder, Evan Morecott, B.E. (B.Sc., 1909, surrendered)	1913
Hill, Ivan William, B.Sc.	1956	Holder, Sophia Ellen, B.A.	1906
Hill, John, B.Sc.	1952	†Holdich, John Rodger, B.A.	1960
Hill, John Albert, B.Sc.	1943	Holding, Barry John, B.Ec.	1959
Hill, John Distin, B.Sc.	1940	Holding, Sheila Dolby, B.A.	1943
Hill, John Manners, M.B., B.S.	1958	Holdsworth, Eric Spencer, Ph.D. (Leeds, 1950)	1959
Hill, John Seymour Thew Tregarthen, M.B., B.S.	1941	Holdsworth, Leslie McLeod, B.A.	1934
Hill, Kenneth Arthur, B.Sc. (Eng.)	1950	†Holdsworth, William James, LL.B.	1961
Hill, Malcolm, B.E.	1951	†Hole, Godfrey William Reynolds, B.E.	1960
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952)	1957	†Hollamby, Gilbert John, B.Ag.Sc.	1961
†Hill, Peter, B.Tech.	1962	Holland, Charlotte Annie, B.A.	1916
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910)	1920	†Holland, Gregory Dominic, M.B., B.S.	1960
Hillier, Howard Armstrong, B.E.	1950	Holland, James Williams, B.D.S.	1932
Hills, Neville Francis, M.B., B.S.	1957	Holland, Joan, B.A.	1944
Hilton, Arthur Robert, B.A.	1909	Holland, Laurence Corin, M.B., B.S.	1935
Hilton, Frank Morphett, B.Ag.Sc.	1948	Hollands, Judith Helen, B.Sc.	1956
Hilton, Keith Denyer, LL.B.	1949	Holley, Maurice Frederick, B.Sc.	1959
Hinc, Felix-Alfons, B.E.	1957	Holliday, Norman Grant, B.E.	1952
Hinde, James Tempest, B.Sc.	1941	Hollidge, Alfreda Faith, B.A.	1922
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949)	1952	†Hollidge, David Henry, M.A.	1889
Hine, Florence Pauline, B.A.	1947	Hollidge, Geoffrey David, LL.B.	1926
Hipper, John Douglas, B.Arch. (Melbourne, 1950)	1962	Hollis, William Frederick, B.D.S.	1955
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941)	1950	Holloway, Beth, B.Sc.	1958
Hiscock, Ian David, Ph.D. (B.Sc., 1948; M.Sc., 1950)	1952	Holman, Lawson James, M.B., B.S.	1954
Hiscock, Kenneth George, B.D.S.	1952	Holmes, Angas Spooner, B.A.	1955
Hiscock, Stephen West, B.Sc.	1949	Holmes, Henry Bertram, M.B., B.S.	1940
Hisgrove, Gladys, B.A.	1936	Holmes, John Winspere, M.Sc.	1955
Hiskey, Thomas Alan, B.A.	1949	Holmes, Patricia Langley, B.A.	1958
Hislop, Ian Gordon, M.B., B.S.	1958	Holmes, Reginald Murray, M.B., B.S.	1949
Hitchcox, Alison Rosemary, B.A.	1955	†Holt, Betsy Stamford, B.A.	1962
Hitchcox, Alfred Clarke, M.A. (B.A., 1924)	1932	Holtham, Richard, B.A. (Queensland, 1916)	1920
Hitchcox, Joyce Mary, B.A.	1949	Holtan, Jack Arthur, B.E.	1952
Hiu Hock Leng, B.E.	1958	Holywell, Keith Harold, M.Sc.	1959
Ho, Shui, B.E.	1955	Homburg, John, LL.B.	1908
Hoar, Barbara Charlotte, B.Sc.	1948	Hone, Alfred Andrew, B.Sc.	1924
Hoare, Charles Gilles Lucas, M.B., B.S.	1955	Hone, Brian William, B.A.	1928
Hoare, Lehone Lucas, M.B., B.S.	1949	Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	1938
†Hoare, Richard John, B.Ec.	1962	Hone, Frank Alexander, B.E.	1959
Hobbs, Alan Frank, M.B., B.S.	1922	Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	1923
Hobbs, Brian Kenneth, M.B., B.S.	1956	Hone, Garton Maxwell, M.B., B.S.	1924
Hobbs, Graham Alan, M.B., B.S.	1955	Hone, Michael Raymond, B.Sc.	1950
Hobbs, Ian Harold, M.B., B.S.	1948	M.B., B.S.	1954
Hobbs, Michael Sydney Talbot, M.B., B.S.	1956	Hone, Winifred Ruth Selwyn, B.A.	1934
		†Honey, Anne Elizabeth, B.A.	1961

\* Deceased.

† Not yet Members of the Senate.

Honnor, Wilfred Weston, B.Sc. - - - -	1931	Hudson, Dean Franklin, B.A. - - - -	1958
M.E. (B.E., 1935) - - - -	1945	Hudson, Geoffrey Marshall, B.Ec. - - - -	1957
Hood, Margaret Daphne, B.A. - - - -	1959	Hudson, Hugh Richard, B.Ec. (Sydney, 1953)	1960
†Hood, Morris Samuel James, B.A. - - - -	1961	†Hughes, Francis Henry, B.Tech. - - - -	1960
Hood, Vivian George, B.D.S. - - - -	1950	Hughes, Harold Timothy, B.Ag.Sc. - - - -	1941
Hooker, Robert John, B.E. - - - -	1951	Hughes, James Estcourt, M.S. (M.B., B.S.,	
Hooper, Frederick Harvey, B.Ag.Sc. - - - -	1936	- 1926) - - - -	1937
Hooper, Jane Barker, B.A. - - - -	1941	Hughes, John Burnell, M.B., B.S. - - - -	1952
Hooper, John Robert, B.A. - - - -	1959	Hughes, Leslie Donald, B.E. - - - -	1949
†Hooper, Judith Claire, B.Sc. - - - -	1961	Hughes, Patricia Gliddon, B.Sc. - - - -	1952
Hooper, Peter Laurence, B.Sc. - - - -	1934	Hughes, Robert Douglas, B.D.S. - - - -	1938
Hooper, Rex Truran, M.E. (B.E., 1938)	1949	Hughes, Robert George, B.Sc. (Eng.) - - - -	1942
Hoopman, Friedrich Wilhelm, M.B., B.S. - - - -	1922	Hui, Weng Choon, M.B., B.S. - - - -	1957
Hoopmann, Eric Paul, M.B., B.S. - - - -	1949	†Hull, Ivan Kennett, B.Ec. - - - -	1962
Hoopmann, Peter William, M.B., B.S. - - - -	1959	Human, James Peter Egerton, M.Sc. (B.Sc.,	
†Hopcroft, Stanley Cecil, B.Med.Sc. - - - -	1961	- 1946) - - - -	1948
M.B., B.S. - - - -	1962	Humble, Dudley Samuel, M.B., B.S. - - - -	1959
†Hopgood, Melvyn Frederick, B.Sc. - - - -	1962	†Humble, Peter Alan, M.B., B.S. - - - -	1962
Hopkins, Brian McDonald, B.Sc. - - - -	1950	Hume, Beryl May, B.A. - - - -	1959
Hopkins, John McEwan, B.Tech. - - - -	1958	†Humphrey, Edwin Vincent, B.Tech. - - - -	1960
Hopper, Brian William, B.Sc. - - - -	1947	†Humphris, Ralph, B.A. - - - -	1961
†Hopton, Oliver Barrie, B.Tech. - - - -	1962	Humphris, Elisabeth Amy, B.A. - - - -	1952
Hopton, Peter Phillip Adrian, B.A. - - - -	1947	Humphris, Francis Henry, B.E. - - - -	1924
Horan (nee Cleland), Margaret Burton, M.B.,		Humphris, Francis Ross, B.Ag.Sc. - - - -	1944
B.S. - - - -	1932	Humphry, Alfred Henry, M.B., B.S. - - - -	1937
Horman, William Dinwoodie Ackland, M.B.,		Hundertmark, Bruce, B.E. - - - -	1959
B.S. - - - -	1941	†Hung, Yan Po, Erminia, B.D.S. - - - -	1962
Hornabrook, Reginald Denys, M.B., B.S. - - - -	1925	Hunkin, Leonard Dale, LL.B. - - - -	1935
Horne, Colin James, M.A. (Oxford, 1941)	1958	Hunkin, Milton Philip, B.A. - - - -	1954
†Horner, Frances Jane, B.A. - - - -	1960	Hunt, Arnold Dudley, B.A. - - - -	1942
Horsfield, Helen Fay, M.B., B.S. - - - -	1959	Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957
Horton, Robert Ralph, M.B., B.S. - - - -	1953	Hunt, Max Aubrey, B.E. - - - -	1931
Horvat, Leon, B.A. - - - -	1955	Hunter, Betty Vera, B.Sc. - - - -	1947
Horvat, Victor, M.B., B.S. - - - -	1955	Hunter, Brian Oswald, LL.B. - - - -	1932
†Horvath, Laszlo, B.E. - - - -	1960	Hunter, Doris, B.A. - - - -	1924
Hosking, Alexa Anne, B.Sc. - - - -	1959	Hunter, Geoffrey Alan, M.B., B.S. - - - -	1942
†Hosking, Anthony John, B.Sc. - - - -	1962	Hunter, Ronald, M.B., B.S. - - - -	1944
Hosking, David Edgeworth, B.E. (Interim		Hunter, Thomas Bowden, M.B., B.S. - - - -	1944
B.Sc. (Eng.), 1942, surrendered)	1947	Hunwick, Arthur Philip, B.E. - - - -	1929
†Hosking, Douglas William, B.A. - - - -	1960	Hunwick, Leonard William, LL.B. - - - -	1936
Hosking, Herbert Champion, M.B., B.S. - - - -	1923	†Huppatz, John Lawrence, B.Sc. - - - -	1960
Hosking, Lochee Maud, B.A. - - - -	1931	Hurley, Leonard Joseph Bernard, B.A. - - - -	1914
Hosking, Norman Grantham, B.E. (Interim		†Hurn, Pamela Junette, B.A. - - - -	1961
B.Sc. (Eng.), 1944, surrendered)	1947	Hurren, Pauline Mary, B.E. - - - -	1959
Hosking, Peter Kay, B.E. - - - -	1948	Hurst, Charles Angas, Ph.D. (Cambridge,	
†Hosking, Roger John, B.Sc. - - - -	1961	- 1952) - - - -	1959
Hosking, William Rex, B.A. - - - -	1958	Hurst, Edward Weston, D.Sc. (Birmingham,	
Hossfeld, Paul Samuel, Ph.D. (B.Sc., 1924;		- 1932) - - - -	1941
M.Sc., 1926) - - - -	1953	Hurst, Harvey Herbert, M.B., B.S. - - - -	1929
Hotten, Douglas Ernst, B.Sc. - - - -	1956	Hurst, Peter Edwin, M.B., B.S. - - - -	1953
Hourigan, Lloyd David, B.Ec. - - - -	1950	Hurst, Walter William, B.Sc. - - - -	1916
Houssiadas, Lambros, Ph.D. (Leeds, 1958)	1961	Hussey, Brian Leitch, B.D.S. - - - -	1951
Howard, Arthur Ewing, B.A. - - - -	1912	Hustler, Harry Fenwick, M.B., B.S. (Mel-	
†Howard, Bruce Victor, B.E. - - - -	1962	- bourne, 1929) - - - -	1945
Howard, Colin, LL.M. (London, 1956)	1961	†Hutchens, Desmond Fenton, B.Ec. - - - -	1961
Howard, Donald William Digby, B.Ec. - - - -	1949	Hutcheson, George Ian Dewart, B.E. - - - -	1917
Howard, Ephrem, B.A. - - - -	1937	Hutchesson, Gordon Bramwell, LL.B. - - - -	1930
Howard, Juliet Hardman, M.B., B.S. - - - -	1951	†Hutchins, John Noel, M.B., B.S. - - - -	1960
Howard, Leo, M.A. (B.A., 1937) - - - -	1943	Hutchinson, Clive Reginald, B.A. - - - -	1948
Howard, Patience Constance Joan, B.Ec. - - - -	1959	Hutchinson, Colin Frederick, B.Sc. - - - -	1950
Howard, Peter Felix, B.Sc. - - - -	1950	†Hutton, Alan Victor, B.A. - - - -	1961
Howard, Rex Trowbridge, B.Sc. - - - -	1950	Hutton, Edward Mark, D.Sc. (B.Ag.Sc.,	
Howard, Ronald Walter, B.E. - - - -	1951	- 1933; M.Sc., 1940) - - - -	1951
Howard, Yvonne Mary, B.A. - - - -	1945	Hutton, John Thomas, B.Sc. - - - -	1938
Howe, George William Osborn, D.Sc. (Durham,		Hutton, Tom Allan, LL.B. - - - -	1940
- 1914) - - - -	1914	Huxley, Leonard George Holden, Ph.D.	
†Howe-Piening, Robert, B.E. - - - -	1961	(D.Phil., Oxford, 1928) - - - -	1950
Howell, Frederick Glenroy Graham, B.Sc. - - - -	1949	Hyde, Alan Graham, B.Ec. - - - -	1951
Howell, Murray Wentworth, B.E. - - - -	1935	†Hyde, Geoffrey O'Halloran, M.B., B.S. - - - -	1961
Howes, David William, M.Sc. (B.Sc., 1949)	1955	Hyde, James O'Halloran, M.B., B.S. - - - -	1954
Howie, Mary Hotham, B.A. - - - -	1943	Hyde, Miriam Beatrice, Mus.Bac. - - - -	1931
Howland, Donald John, B.A. - - - -	1948	†Hyslop, Alexander, B.A. - - - -	1960
Howlett, Diana Rosemary, B.A. - - - -	1956	†Hyson, Peter, B.Sc. - - - -	1960
Howlett (nee Hughes), Nellie Ruth, B.A. - - - -	1941		
Howlett, Philip Thomas Michael, M.A. (B.A.,			
- 1940) - - - -	1947		
B.Ec. - - - -	1953		
Hronsky, Eugenia, M.B., B.S. - - - -	1955		
†Hsieh, Kwang Hwa, B.E. - - - -	1961		
Huang, Su-Eng, Ph.D. (B.Sc., 1958) - - - -	1962		
Huang, Yuan-Tung, Anthony, M.B., B.S. - - - -	1959		
Hubbard, Margaret Eileen, M.A. (B.A.,			
- 1945) - - - -	1949		
Hubbe, Edith Ulrica, B.A. - - - -	1908		
M.B., B.S. - - - -	1922		
Hubble, George Dixon, B.Ag.Sc. - - - -	1934		
Huckson, Ernest John, B.E. - - - -	1952		
Huddleston, Leslie Basil, B.Sc. (Eng.) - - - -	1942		
Huddleston, Stanley Ernest, B.Sc. - - - -	1934		
B.E. - - - -	1935		

\* Deceased.

† Not yet Members of the Senate.

## I

Ibbotson, Richard Neville, M.D. (M.B., B.S.,	
- 1961 (London, 1951)) - - - -	1962
Ide, Donald Norman, B.E. (Interim B.Sc.	
(Eng.), 1948, surrendered) - - - -	1948
Ide, Frank Boyle, B.E. - - - -	1928
Iliffe, Michael Isaac Glover, B.Sc. - - - -	1934
Ingamells, Dora, B.A. - - - -	1909
†Ingamells, Eric Marfleet, B.A. - - - -	1908
Ingleby, Aileen Constance, LL.B. - - - -	1921
Inglis, Cecil Frederick, B.E. - - - -	1953
†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
Irvine, Beatrice May, M.B., B.S.	1941
Irving, Denys Benson, B.Sc.	1950
Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949)	1954
Irving, Henry Edward, LL.B.	1933
Irving, Iris Mary, B.A.	1950
Irving, Roger John, M.Sc. (B.Sc., 1945)	1948
Irwin, Bernard John, B.Ec.	1957
Irwin, Edith French, B.Sc.	1939
Irwin, Graham Wilkie, B.A.	1947
Irwin, John Francis, B.D.S.	1951
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 Cedric, LL.B.	1932
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
†Iskanto, Raden, B.E.	1962
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941
Isom, Constance Ruth, B.A.	1934
†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
Jackman, Frank Downer, B.E.	1924
Jackman, Lloyd Miles, Ph.D. (B.Sc., 1945)	1952
M.Sc., 1949)	1954
Jackman, Margaret Elva, B.Sc.	1943
Jackson, Arthur Marchant, B.A.	1951
Jackson, Edward Arthur, B.Ag.Sc.	1959
Jackson, Graham Douglas Fischer, B.Sc.	1945
Jackson, John Frederick, B.Sc.	1951
M.B., B.S.	1951
Jackson, John Flexmore, M.Sc. (B.Sc., Tasmania, 1958)	1960
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
Jacobs, Doreen Miriam, Mus.Bac.	1941
Jacobs, Maxwell Ralph, M.Sc. (B.Sc., 1925)	1936
Jacobs, Samuel Joshua, LL.B.	1948
Jacobsen, John Viggo, B.Ag.Sc.	1959
Jacquier, Maxwell Leslie, B.Sc.	1959
Jaffrey, Andrew Maxwell, B.Sc.	1956
Jaffrey, John Maxwell, LL.B.	1956
†Jagermann, Karl, M.B., B.S.	1961
Jago, John Geoffrey, LL.B.	1955
†Jakob, Miklos Laszlo, B.Sc.	1962
Jakobsen, Hugo, B.A.	1954
James, Alan Treleven, M.Sc. (B.Sc., 1943)	1949
James, Bertha Gwendoline, B.A.	1934
†James, Brian Harold, B.Sc.	1961
James, Brian Norman, B.E.	1955
James, Clarence Keith, B.E.	1932
James, Colin Thomas, M.B., B.S.	1942
James, Helen Margaret, B.A.	1941
James, Paul Reuben, M.B., B.S.	1941
James, Richard Cecil, B.A.	1954
James, Robert Jeffrey, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
James, Robert William, B.Tech.	1959
James, Wesley Hughes, B.Sc. (M.E. (B.E., 1921)	1919
1932	1928
James, William Rex, M.B., B.S.	1928
Janardhan, Narienkadu Mohanarunga, B.E.	1954
Janes, Boris Sebire, M.Sc.	1948
Jankauskas, Algis, M.B., B.S.	1959
†Jankovskis, Harry Bronislavs, B.Tech.	1962
†Jansen, Geoffry Clive, B.E.	1962
Jansen, Marcus Gordon, M.B., B.S.	1943
†Jansen, Peter Edgar, B.Arch.	1962
Janzow, Eric Herbert Martin, B.A.	1940
Jarrett, Frank George, Ph.D. (Iowa)	1955
Jarrett, Ivan Gentry, M.Sc. (B.Sc., 1939)	1947
Jarvis, Ronald Harris, M.B., B.S.	1948
Jaskewycz, Taras, B.Sc.	1956
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922
†Jaunkalvis, Peteris Hermanis, B.Ec.	1961
Jay, Hubert Melville, M.B., B.S.	1908
Jay, Peter Gerald, M.B., B.S.	1941
Jeanes, Brian Hamilton, M.B., B.S.	1953
Jeanes, John Colin, B.E.	1954
†Jedrzeiczak, Wacław Jan, B.Tech.	1962
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1956
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1960
Jeffares, Alexander Norman, M.A. (Oxford)	1952
Jefferies, Brian Crossley, B.Ag.Sc.	1953
Jefferis, Arthur Tarlton, B.Sc.	1908
†Jeffery, William George, B.Sc.	1962
†Jefferson, Ian Scott, LL.B.	1962
†Jeffrey, Peter Dalrymple, B.Sc.	1960
Jeffries, Elizabeth Shirley, B.A.	1957
Jeffries, John Singleton, M.B., B.S.	1942
Jeffries, Lewis Wibmer, M.B., B.S.	1907
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953
Jeffries, Sir Shirley Williams, LL.B.	1909
†Jellott, Leon Barry, M.B., B.S.	1960
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951
Jenke, Dudley Conrad, B.Sc.	1950
Jenkin, Alfred John Roseland, B.A.	1932
Jenkin, Beth Lenore, B.A.	1940
†Jenkin, John Grenfell, B.Sc.	1960
Jenkin, Mabel Gertrude, B.A.	1928
†Jenkin, Philip Ross, B.Ec.	1960
†Jenkin, Robert Haydon, B.A.	1962
Jenkins, Heather Gordon, B.Sc.	1950
Jenkins, Rex Desmond, B.A.	1941
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922
Jenner, Anthony Martin, B.E.	1952
Jenner, Monica Marie, B.A.	1959
Jennings, Bruce Arthur, B.E.	1950
†Jennings, Colin Bruce, B.Sc.	1962
Jennings, Robert Edward, B.Sc.	1952
Jennison, Raymond Barraclough, B.E.	1950
Jens, John Matthias Joseph, M.B., B.S.	1934
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Jensen, Richard Ian Broughton, B.A.	1951
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1957
Jensen, Tom Broughton, B.E.	1938
Jephcott, Bruce Reginald, B.Sc.	1950
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941)	1959
Jericho, Arnold Mervyn, B.E.	1938
†Jericho, Lois Joy, B.A.	1961
Jessup, Allan Aubrey, M.B., B.S.	1952
Jessup, Leonard Clive, M.B., B.S.	1952
Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1948
Jew, Ronald William, LL.B.	1937
Jewell-Thomas, Stephen Rutter Culross, B.E.	1954
Johinke, Albert Keith, B.E.	1952
John, Glen Owen, B.E.	1951
†John, Ian David, B.A.	1961
John, Lloyd Vincent, B.A.	1954
Johncock, Leonard Percy, B.A.	1926
Johns, Bennett Gilbert Langman, B.Sc.	1937
Johns, Darby Richard, B.Ec.	1958
†Johns, Malcolm Grant, B.Sc.	1960
†Johns, Robert Edwin, B.E.	1960
Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960
†Johns, Rodger Norman, B.E.	1960
Johns, Rowland Walden, B.E.	1951
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955
Johnson, Bruce, Ph.D. (London, 1955)	1956
Johnson, Christopher Malcolm, B.E.	1952
Johnson, Darlene Fraser, B.A.	1957
Johnson, Dorothy Mavis, B.A.	1931
Johnson, Edwin Ralph, B.A.	1931
Johnson, Eleanor Elizabeth, B.Sc.	1957
Johnson, Francis Henry, M.A. (Oxford, 1946)	1952
Johnson, Francis James, B.E.	1952
Johnson, Jeffery William Harwood, LL.B.	1951
Johnson, Keith Douglas, B.Sc.	1950
Johnson, Margaret Isabel, B.A.	1952

† Not yet Members of the Senate.

† Johnson, Nicholas, B.Med.Sc. - - - - -	1962	Joyner, Max Frederick, LL.B. - - - - -	1913
Johnson, Peter Ralph, B.Sc. - - - - -	1941	Judd, James, B.A. - - - - -	1954
Johnson, Robert Douglas, B.E. - - - - -	1955	Judd, Percival Richard Henry, B.A. - - - - -	1934
Johnson, Robert Vincent, Ph.D. (Manchester, 1952) - - - - -	1959	B.Ec. - - - - -	1938
Johnson, Ronald Lisle, LL.B. - - - - -	1937	Jude, Gertrude Josephine, B.Sc. - - - - -	1901
Johnson, Ross Gordon, M.B., B.S. - - - - -	1958	Judell, Maurice Wolff, B.Sc. - - - - -	1903
Johnson, William Courtenay Saunders, B.A. - - - - -	1934	Judell, Trevor Leopold, B.Sc. - - - - -	1947
Johnson, William Herbert, B.A. - - - - -	1911	Judell, Vivienne, LL.B. - - - - -	1933
† Johnson, William George, B.Tech. - - - - -	1962	Juett, Christina Margaret, M.A. (B.A., 1929) - - - - -	1933
Johnson, Elizabeth, LL.B. - - - - -	1948	Juhasz, Ferenc, B.Ec. - - - - -	1958
Johnson, Elliott Frank, LL.B. - - - - -	1940	Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) - - - - -	1914
Johnson, Lance Galbraith, B.E. - - - - -	1925	Jungfer, Carl Clifford, M.D. (M.B., B.S., 1926) - - - - -	1949
Johnson, Ross George, B.D.S. - - - - -	1936	Jungfer, Lorenz Wilfred, B.D.S. - - - - -	1933
† Johnson, Margaret Catherine, M.B., B.S. - - - - -	1961	Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) - - - - -	1914
Johnstone, William Watson, M.E. (B.E., 1937) - - - - -	1947	Juttner, Prudence Anne, B.Sc. - - - - -	1952
Jolly, Bertram Morris, M.B., B.S. - - - - -	1937		
Jolly, Dennis Rawson Penfold, B.Sc. - - - - -	1953	K	
Jolly, Donald, B.Sc. - - - - -	1945	Kaosa, Prachuap, B.E. - - - - -	1956
Jolly, Erica Annette, B.A. - - - - -	1956	Kaewbaidhoon, Sa-ngob, B.Sc. - - - - -	1952
† Jolly, Peter Lewis, B.Sc. - - - - -	1962	Kahan, Raoul Robellaz, B.Sc. - - - - -	1911
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - - - -	1936	Kaines, Macklin, B.A. - - - - -	1927
Jolly, William Alfred Swinburne, B.E. - - - - -	1948	Kaines, Raymond Hannay, M.B., B.S. - - - - -	1926
Jolly, William Richard Norman, B.Sc. - - - - -	1933	Kakulas, Byron Arthur, M.B., B.S. - - - - -	1956
B.A. - - - - -	1937	Kalinovsky, Galina, M.B., B.S. - - - - -	1953
Jona, Jacob, B.Sc. - - - - -	1908	Kalinovsky, Peter Victor, M.B., B.S. - - - - -	1953
Jona, Judah Leon, D.Sc. - - - - -	1910	† Kalnins, Andrejs, B.Sc. - - - - -	1960
M.B., B.S. (Melbourne, 1911) - - - - -	1917	Kambala, Jazeps, B.Tech. - - - - -	1958
M.S. - - - - -	1919	† Kammer, Monica Vivienne, B.Sc. - - - - -	1961
Jonas, Oswald, M.B., B.S. - - - - -	1959	Kandasamy, Kanapathy, M.Sc. - - - - -	1955
† Jones, Alan Stuart, B.Sc. - - - - -	1960	Kandiah, Kumarasivam, B.E. - - - - -	1958
Jones, Alan Thomas Britten, M.B., B.S. - - - - -	1921	Kane, Leo William, B.A. - - - - -	1962
Jones, Albert Walter, B.Sc. - - - - -	1932	† Kaneff, Stephen Dimov, Ph.D. (B.E., 1949) - - - - -	1956
M.A. (B.A., 1937) - - - - -	1944	† Kansil, Nico, B.App.Sc. - - - - -	1962
Jones, Beverley Lillian, B.A. - - - - -	1959	Kanwar, Jaswant Singh, Ph.D. - - - - -	1954
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - - -	1949	† Kappelle, Karel, B.Sc. - - - - -	1961
B.Ec. - - - - -	1958	Kappler, Laurel Valma Joy, B.A. - - - - -	1950
Jones, Conway Jeffrey, B.Sc. (Eng.) - - - - -	1945	Karim, Abdul, Ph.D. (M.Sc., Dacca) - - - - -	1951
Jones, David Lewis, M.B., B.S. - - - - -	1950	Karmel, Peter Henry, Ph.D. (Cambridge, 1948) - - - - -	1951
Jones, Doris Egerton, B.A. - - - - -	1911	† Karolyi, George, B.E. - - - - -	1960
Jones, Dorothy Irene, B.A. - - - - -	1945	† Karthigasu, Kula Thungam, B.Sc. - - - - -	1960
Jones, Dorothy Lilian May, M.A. - - - - -	1961	Kaspiew, Radzen, B.A. - - - - -	1958
Jones, Geoffrey Hedley, M.B., B.S. - - - - -	1947	† Katakasi, Igor, B.Sc. - - - - -	1962
Jones, Gwynfred, B.Sc. - - - - -	1926	Katekar, Gerard Frederick, Ph.D. (B.Sc., 1958) - - - - -	1962
Jones, Helen Patricia, B.A. - - - - -	1948	Katekar, Henry John, LL.B. - - - - -	1937
Jones, Herbert William, B.E. - - - - -	1939	Kaufman, John Lewis, B.D.S. - - - - -	1956
Jones, Jean Murray, M.B., B.S. - - - - -	1944	Kaupmees, Lennart, M.B., B.S. - - - - -	1956
Jones, John Brett, Ph.D. (Wisconsin, 1958) - - - - -	1960	† Kauschke, Kevin Francis, B.Tech. - - - - -	1960
Jones, Keith Gerald, B.Ec. (B.Com., Melbourne, 1956) - - - - -	1961	Kavass, Igor Ivar, LL.B. (Melbourne, 1956) - - - - -	1959
Jones, Kelvin Lindsay, B.Sc. - - - - -	1945	Kay, Alexander Theodore, B.E. - - - - -	1924
Jones, Kenneth Thomas, M.B., B.S. - - - - -	1951	Kay, Cecil Bernhard, B.Sc. - - - - -	1935
Jones, Evan Mander, M.A. (Oxford, 1937) - - - - -	1948	Kay, Malcolm John, B.Sc. - - - - -	1957
Jones, Margaret Britten, B.A. - - - - -	1947	Kay, Mouat John Richard, M.A. (Oxford, 1907) - - - - -	1926
† Jones, Marie Katherine, B.A. - - - - -	1961	Kay, Robert Pringle, B.E. - - - - -	1926
Jones, Michael John, B.A. - - - - -	1954	† Kay, Rosemary, M.B., B.S. - - - - -	1961
Jones, Reginald John, B.A. - - - - -	1948	Kay, Sylvius Clarence, B.Sc. - - - - -	1939
Jones, Richard Alan, Ph.D. (Cambridge, 1960) - - - - -	1962	Keain, Arthur Patrick, B.A. - - - - -	1958
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - - - -	1948	Keally, Frank Shenstone, B.A. - - - - -	1951
Jones, Robert Britten, M.B., B.S. - - - - -	1952	Kean, Eileen Margaret, M.A. (B.A., 1927) - - - - -	1930
Jones, Robert Howard, B.Sc. - - - - -	1940	† Keane, Mary Veronica, B.A. - - - - -	1961
† Jones, Rosemary Frances Hackett, B.A. - - - - -	1962	Keany, John William, B.Ec. - - - - -	1949
† Jones, Trevor Robert, B.E. - - - - -	1961	Kearnan, Joseph Reginald, LL.B. - - - - -	1925
Jordan, Dierdre Frances, B.A. - - - - -	1947	Kearney, Bernard James, B.A. - - - - -	1949
Jordan, Denis Oswald, D.Sc. (London, 1953) - - - - -	1955	† Kearney, Geraldine Helen Elizabeth, M.B., B.S. - - - - -	1961
Jorgensen, Donald Murray, M.B., B.S. - - - - -	1953	Kearney (nee Dorsch), Ida Margarete, B.A. - - - - -	1926
† Jorgensen, Francis Richard Arthur, B.E. - - - - -	1960	Kearney, Josephine Agnes, B.A. - - - - -	1952
Jory, Rodney Leonard, B.Sc. - - - - -	1959	Kearney, Margaret Patricia, M.B., B.S. - - - - -	1955
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1947	Keats, Arthur Lange, B.E. - - - - -	1937
Jose, Edward Salisbury, B.A. (Oxford, 1904) - - - - -	1905	Keats, John Augustus, B.Sc. - - - - -	1944
Jose, Geoffrey Alan, M.B., B.S. - - - - -	1948	Keats, Reynold Gilbert, B.Sc. - - - - -	1948
Jose, Ivan Bede, M.S. (M.B., B.S., 1915) - - - - -	1923	† Koda, Inga, B.D.S. - - - - -	1961
Jose, John Salisbury, M.B., B.S. - - - - -	1957	Keech, Donald Bruce, Ph.D. (B.Sc., 1953) - - - - -	1958
Joseph, George, LL.B. - - - - -	1938	Keen, Ross Maxwell, B.E. - - - - -	1954
Joseph, Hapuarachchige Don Austin Carlo, B.Sc. - - - - -	1956	Keeves, Andrew, B.Sc. - - - - -	1951
Joseph, Kanianthra Thomas, M.Ag.Sc. - - - - -	1958	Keeves, John Philip, B.Sc. - - - - -	1945
Joshi, Jagan Nath, M.B., B.S. - - - - -	1958	Keeves, Margaret, B.A. - - - - -	1944
Joske, John Webster, M.B., B.S. - - - - -	1955	Keipert, Leslie James, M.B., B.S. - - - - -	1918
Joyce, Rosalie Woodruff, B.A. - - - - -	1929	Kelley, William Brian, B.A. - - - - -	1951
Joyner, Malcolm Stewart, B.D.S. - - - - -	1926	† Kelly, Bryan Llewellyn, B.E. - - - - -	1961
		Kelly, Cecil James St. Leger, LL.B. - - - - -	1924
		† Kelly, David St. Leger, LL.B. - - - - -	1961
		Kelly, Ellen, B.A. - - - - -	1928

† Not yet Members of the Senate.

Kelly, Eric Gordon, M.A. (B.A., 1920)	1925	Kilgariff, Ronald Desmond, B.Sc.	1948
Kelly, Ernest James, B.A.	1952	Killmier, Arthur Clifford, B.A.	1929
* Kelly, Francis, LL.B.	1906	Kilmier, Betty Margaret, B.A.	1953
Kelly, Francis Peter, LL.B.	1937	† Kilpatrick, Iain David, B.E.	1960
† Kelly, Frank Reginald, B.A.	1961	† Kimber, Gillian, B.A.	1961
Kelly, Gwendia Mary Christine, B.A.	1949	Kimber, Hugh Robert Reid, B.E.	1940
Kelly, John Erwin, LL.B.	1936	Kimber, Jennifer, B.A.	1959
Kelly, Michael, M.D. (M.B., B.S., 1928)	1945	Kimber, Pamela, B.A.	1947
Kelly, Michael Lawrence, LL.B.	1928	Kimber, Richard John, B.D.S.	1953
Kelly, Patrick Joseph, LL.B.	1924	M.B., B.S.	1961
Kelly, Peter Maurice St. Leger, LL.B.	1959	† Kimber, Robert James, B.A.	1960
Kelly, Robert John, B.E.	1959	Kimber, Ronald Walter Lincoln, Ph.D.	
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949	(B.Sc., 1956)	1960
Kelman, Hilda, M.B., B.S.	1948	Kindler, John Ernest, M.E. (B.E., 1928)	1930
B.A. (W. Aust., 1943)	1949	King, Brian Maxwell, B.E.	1956
Kelsall, George Robert Henry, M.B., B.S.	1958	King, Colin George, B.D.S.	1938
Kelsey, Oswald Mortimer, B.E.	1938	King, Donald, M.Sc. (B.Sc., 1948)	1950
Kemp, Henry Kenneth, B.Ag.Sc.	1933	King, Edwin George, B.A. (Western Aus-	
Kempster, Charles John Edgar, Ph.D. (Cam-		tralia, 1942)	1958
bridge, 1958)	1960	† King, Frances Mary, B.A.	1960
Kendrew, George Harry, M.B., B.S.	1917	King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956
Kenihan, Raphael Leo, M.B., B.S.	1915	King, Leonard James, LL.B.	1951
Kenihan, Robert Austin, M.B., B.S.	1946	† King, Margaret Jessica Esmée, Mus.Bac.	1962
Kennare, Hugh Daly, B.D.S.	1950	King, Robert Bruce, B.Sc. (Sydney, 1947)	1960
† Kennare, Mary Anne, B.Sc.	1962	† Kingston, Anthony Ian, B.D.S.	1961
Kennedy, Alan Duncan, B.A.	1952	Kimloch, Hector Gilchrist Lusk MacTaggart,	
Kennedy, Alexander Lorimer, B.E.	1915	Ph.D. (Yale, 1960)	1961
† Kennedy, Barbara Anne, M.B., B.S.	1962	Kinlough, Margaret Anne, M.B., B.S.	1958
Kennedy, Desmond Anthony, M.B., B.S.	1955	† Kinlough, Raelene Lorna, M.B., B.S.	1961
Kennedy, Donald Edward, M.A. (Melbourne,		Kinnaird, Malcolm Alexander, B.E.	1959
1952)	1957	Kinnane, Kenneth James, B.D.S.	1952
Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958	Kinnane, Robert Francis, B.E. (Interim B.Sc.	
Kennedy, John Graham, B.E.	1952	(Eng.), 1943, surrendered)	1947
Kennedy, Josephine Margaret, M.B., B.S.	1939	Kinnear, Andrew Munro, B.E.	1950
Kennedy, Karin Isobel, B.Sc.	1955	† Kinnear, Gerald Campbell, M.B., B.S.	1961
† Kennedy, Kevin John, B.E.C.	1962	Kinsman, Andrew Guise, B.E.	1954
Kennedy, Michael Brian, B.E.	1959	† Kirby, Barrie Michael, B.Sc.	1961
Kennedy, Philip James Anthony, LL.B.	1954	† Kirby, Charles William, B.Tech.	1961
Kennedy, Stanley Wallace, Ph.D. (Belfast,		Kirby, David Bevan, M.B., B.S.	1951
1954)	1957	Kirkman, David Norton, M.B., B.S.	1947
Kennett, Edmund Richard, B.E.	1949	Kirkman, Edith Doreen, B.Sc.	1948
† Kenny, Edward James, B.Tech.	1962	M.B., B.S.	1951
Kenny, Daniel Thomas, B.E.	1951	Kirkman, Kenneth Hainsworth, LL.B.	1919
Kenny, Martin Lance, B.A.	1940	Kirkman, Lawrence Hayworth, LL.B.	1949
Kenny, Patricia Mary, B.A.	1954	Kirkwood, John, B.D.S. (Sydney, 1954)	1962
Kent, George Lynden, B.A.	1952	† Kirsch, Marina, LL.B.	1960
Kent, Heinz Sigrid Koplowitz, Ph.D., (Cam-		Kirsten, Marcia Meymott, B.A. (Sydney,	
bridge, 1955)	1956	1924)	1952
† Kentish, Peter Horwood, B.A.	1960	Kirwan, Colleen Joy, B.Sc.	1956
Kentish, Timothy David, B.Ag.Sc.	1949	Kissel, Thomas Alfred, B.A.	1954
Keon-Cohen, Russel Hallel, M.A. (Melbourne,		Kitchener, Martin John, B.E.	1957
1925)	1945	Kitson, Mary Cecil, LL.B.	1916
Kerin, John Francis, B.A.	1949	Kitto, Rodney Keith, B.Tech.	1959
Kerin, Kevin Vincent, LL.B.	1952	Kisalaas, Jaan, B.E.	1956
† Kerin, Mary Bridget, B.A.	1960	† Klæbe, Kenneth Eric, B.Sc.	1960
† Kermode, Merrowyn May, B.A.	1962	B.A.	1961
Kerr, Allen, Ph.D.	1956	Klæbe, Robert John, B.D.S.	1955
Kerr, Colin Gregory, M.A. (B.A., 1934)	1937	Klæbe, Ruth Adelaide, B.A.	1947
Kerr, David Ian Beviss, Ph.D. (B.Sc., 1947)	1954	Klauss, Cynthia Beaumont, B.Sc.	1953
Kerr, Sydney Challen, M.B., B.S.,	1942	Kleeman, Alfred William, Ph.D. (B.Sc., 1933;	
† Kerry, Jack Chris, M.B., B.S.	1960	M.Sc., 1935)	1955
Kerslake, William James, B.A.	1942	Kleeman, John Richard, B.E. (Interim B.Sc.	
Kersten, Lee Irving, B.A.	1959	(Eng.), 1943, surrendered)	1947
Kessell, Abraham, M.B., B.S.	1955	Kleeman, Peter Wallace, B.E.	1951
Kessell, John Samuel, M.B., B.S.	1923	Kleeman, Reginald Theodore, B.E.	1923
Kessell, Maurice, M.B., B.S.	1950	Kleemann, Colin Martin, B.E.	1939
Kessell, Stephen Lackey, M.Sc. (B.Sc., 1917)	1927	Klein, Robert William, M.B., B.S.	1939
Kesting, Louis John, B.A.	1944	Kleinig, Cyril Raymond, B.Ag.Sc.	1950
Ketteridge, Colin Ralph, B.D.S.	1956	† Kleitsch, Frederic, B.Ec.	1961
Ketteridge, Ian Bruce, B.E.	1951	† Klimowski, Leopold Richard, M.B., B.S.	1961
† Keynes, Donald Maynard, B.Tech.	1962	Kloeden, Louis Adolph, B.A.	1948
Keynes, Donis Ruth, B.Sc.	1950	Klose, Alfred Emil Johannes, B.A.	1915
Keynes, Nanette Joan, B.A.	1943	Klose, Edwin Francis, B.Sc.	1959
† Keynes, Walter John, B.Tech.	1961	Knapman, William Hamilton, B.Sc.	1951
† Kho, Chin Heng, B.Sc.	1960	Knarhoi, Harry Hansen, M.B., B.S.	1956
Kho, Teng Joo, B.A.	1955	† Knauerhase, Juliet Mary Lillemor, B.A.	1960
Khor, Teik Hean, Michael, B.E.	1959	Knauerhase (nee Kiek), Margaret Lucy, B.A.	1934
Kidd, Barrington Horace, B.D.S.	1959	† Knauerhase, Oscar Carl, M.A. (B.A., 1934)	1943
Kidd, Rowland James, B.D.S.	1953	Kneebone, Christopher Stephen, B.E.	1920
Kiek, Laurence Edward, M.A. (B.A., 1947)	1949	Kneebone, Clive Stuart, M.B., B.S.	1951
Kiek, Sidney Noel, B.Sc.	1939	Kneebone, Garry Malcolm, M.B., B.S.	1953
Kiek, Winifred, M.A. (B.A., Manchester,		Kneebone, John Henry, M.B., B.S.	1954
1907)	1929	Kneebone, John Keith, M.B., B.S.	1947
Kies, Alick Andrew, B.A.	1938	Kneebone, John LeMessurier, M.S. (M.B.,	
† Kieselbach, Patricia, B.A.	1961	B.S., 1911)	1921
Kildea, Mary Francis, B.A.	1940	Kneebone, Nance Gordon, B.A.	1950
Kilgariff, Joseph Thomas, B.E.	1942	Knight, Edwin Walter, M.B., B.S.	1957
		Knight, Ronald Barrington, M.B., B.S.	1933

\* Deceased.

† Not yet Members of the Senate.

Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Lake, Robb Hingston, LL.B. - - - - -	1939
Knox, Peter Gordon, B.Tech. - - - - -	1958	Lam, Lambert Teck Choon, M.B., B.S. - - - - -	1955
Koch, Colin Barry, B.D.S. - - - - -	1951	†Lam, Yu Swee, B.Sc. - - - - -	1960
Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928) - - - - -	1938	Lamacraft, Kenneth Ronald, B.A. - - - - -	1954
Koehne, Ivan Harold, M.B., B.S. - - - - -	1956	Lamborne, Maxwell Addison, B.A. - - - - -	1953
Koehne, Marjorie Evelyn, B.A. - - - - -	1931	Lamey, Charles Sydney, B.A. - - - - -	1932
†Koehne, Monica, B.A. - - - - -	1962	Lamey, Gwenyth Eugene, B.A. - - - - -	1940
Koehne, Peter David, B.A. - - - - -	1957	Lampard, Dudley John, M.B., B.S. - - - - -	1941
Koehne, Raymond Percy, B.A. - - - - -	1932	Lampe, Victor Leslie, B.A. - - - - -	1919
†Koehne, Robert, M.B., B.S. - - - - -	1961	Lamphee, Allan Dunstan, M.B., B.S. - - - - -	1924
Koerber, Brian Walter, B.Sc. - - - - -	1956	Lamphee, Catherine Elspeth, B.Sc. - - - - -	1953
Koerner, Carl Frederick, M.E. (B.E., 1923) B.Sc. - - - - -	1933 1928	Lamshed, Albert Saville, B.A. - - - - -	1950
Koerner, John Francis, B.E. - - - - -	1924	La Nauze, Barbara Burton, B.Sc. - - - - -	1937
†Kohler, Bryce Leonard Percival, B.Ec. - - - - -	1961	La Nauze, John Andrew, B.A. (Oxford, 1934) - - - - -	1935
Kohler, Theodor George, M.B., B.S. - - - - -	1946	Lander, Harry, M.B., B.S. - - - - -	1951
Kolloscho, Harold Frank, M.B., B.S. - - - - -	1915	†Lane, Barbara Edith, B.Sc. - - - - -	1960
†Kong, Ted Chong, Joseph, B.Ag.Sc. - - - - -	1961	Lane, Douglas James, B.Sc. - - - - -	1950
†Kong, Otto, B.Tech. - - - - -	1961	Lane, John Edgar, B.Sc. - - - - -	1959
Koop, Eric John, B.E. - - - - -	1949	†Lane, Lionel Harold Davies, M.B., B.S. - - - - -	1961
Koop, Peter Malcolm, M.B., B.S. - - - - -	1949	Lang, Eric, M.E. (B.E., 1924) - - - - -	1930
Korallis, Costa Agis, B.Sc. - - - - -	1956	Lang, Graham Bruce, B.Sc. - - - - -	1958
Korvnyk, Wsewolod, Ph.D. (B.Sc., 1953) - - - - -	1957	Lang, Ian Philip, B.Sc. - - - - -	1951
†Kotlarski, George, B.E. - - - - -	1962	Lang, Philip Roy, M.A. (B.A., 1923) - - - - -	1929
Kowanko, Nicholas, Ph.D. (B.Sc., 1956) - - - - -	1961	Lang, Samuel Brambley, B.A. - - - - -	1949
Krantz, Kenneth David, M.B., B.S. - - - - -	1941	Lang, Sydney Chapman, B.A. - - - - -	1896
Krantz, Roy, M.B., B.S. - - - - -	1930	Langevad, Eric James, B.E. - - - - -	1933
Krantz, Sydney, M.B., B.S. - - - - -	1927	Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940) - - - - -	1942
Kranz, Murray Lyall, B.D.S. - - - - -	1961	†Langhans, Patricia Jean, B.A. - - - - -	1962
†Krassey, Thomas Egon, B.D.S. - - - - -	1951	†Langrehr, John Scott, B.Sc. - - - - -	1960
Krause, Malcolm Rex, B.Ag.Sc. - - - - -	1947	Langridge, John Balcombe, Ph.D. - - - - -	1958
Kretschmer, Gaynor Blanche, B.A. - - - - -	1948	Langron, William Joseph, B.Sc. - - - - -	1947
Krichauff, George Frederick, B.E. - - - - -	1927	Langsford, Diana, B.A. - - - - -	1948
Krichauff, Henry Stead, B.Ag.Sc. - - - - -	1958	Langstaff, Lois, B.A. - - - - -	1944
Krieg, Erwin Oswald, B.A. - - - - -	1947	Lanyon, Richard Ian, B.E. - - - - -	1958
Krieg, Marcus Gustav, B.A. - - - - -	1941	Lapidge, Jack Stanley, B.E. - - - - -	1935
†Krieger, Geoffrey Edward, M.B., B.S. - - - - -	1961	Laslett, George Nield, B.A. - - - - -	1951
Krichn, Adolf Oscar, M.A. (B.A., 1922) - - - - -	1926	Laslett, Ian John, B.Sc. - - - - -	1950
Krishnan, Subramaniayer Sivarama, M.B., B.S. - - - - -	1958	†Laslett, Robert Lacy, B.Sc. - - - - -	1960
†Krishnapillai, Vijeyasehari, B.Sc. - - - - -	1960	†Lasn, Kalle, B.Sc. - - - - -	1962
†Kristoff, Julia, B.Sc. - - - - -	1960	Last, John Murray, M.B., B.S. - - - - -	1949
Krockenberger, Bruno, B.E. - - - - -	1956	Last, Peter Murray, M.B., B.S. - - - - -	1952
Kruger, James Morris, B.Sc. - - - - -	1948	Last, Raymond Jack, M.B., B.S. - - - - -	1924
†Kruhming, Edward Charles, B.E. - - - - -	1960	Latz, Clement Victor, B.Sc. - - - - -	1955
†Krumins, Bruno, B.Tech. - - - - -	1962	Laubsch, Colin Andrew, B.Sc. - - - - -	1951
Krumins, Dagmara Eleonora, B.D.S. - - - - -	1954	Laught, Keith Alexander, LL.B. - - - - -	1927
Kryvoviaza, Jaroslaw, B.D.S. - - - - -	1953	Laughton, Frances Elizabeth, B.A. - - - - -	1941
Kubacz, George John, M.B., B.S. - - - - -	1959	Laughton, Rosemary Pauline, B.A. - - - - -	1945
Kuchel, Carl Wilhelm August, M.A. (B.A., 1908) - - - - -	1912	Laurence, Gerald Steven, Ph.D. (Leeds, 1961) - - - - -	1962
Kuchel, Clemens Carl, B.Sc. - - - - -	1934	Laurence, Joan Mary, B.A. - - - - -	1935
Kuchel, Rex Harold, B.Sc. - - - - -	1942	Laurie, John Buxton, B.E. - - - - -	1955
Kuchel, Robert Erwin, B.Sc. - - - - -	1947	Laver, John Poynton, B.E. - - - - -	1952
Kuhl, Dean Hasting, B.Sc. - - - - -	1957	†Lavery, Christopher Soward, B.E. - - - - -	1960
Kuhlmann, Herman Frederick, M.B., B.S. - - - - -	1943	Lavis, David Milton, B.Sc. - - - - -	1949
†Kukurs, Iona, B.A. - - - - -	1961	Lavis, John Frederic, M.D.S. (B.D.S., 1945) - - - - -	1954
Kulasingham, Lynn, B.A. - - - - -	1959	Law, Gertrude Teresa, M.A. - - - - -	1924
Kumnick, Donald Kerr, M.B., B.S. - - - - -	1951	Lawrence, Robert, M.Sc. - - - - -	1958
†Kuo, Chiao Chiao, B.Sc. - - - - -	1962	Lawrence, Alfred Oscar Platt, B.Sc. - - - - -	1928
Kurczak, Henry, B.E. - - - - -	1957	Lawrence, Bruce Ernest, M.B., B.S. - - - - -	1927
Kurtz, Clarence Norman, B.A. - - - - -	1956	Lawrence, James Roland, M.B., B.S. - - - - -	1954
Kurucsev, Tomas, Ph.D. (B.Sc., 1954) - - - - -	1958	Lawrence, John Robert, B.E. - - - - -	1957
Kutcher, Raymond William Harrold, B.E. - - - - -	1951	Lawrence, Margaret Evelyn, B.A. - - - - -	1959
Kusk, Eda Renaate, M.B., B.S. - - - - -	1958	Lawrence, Robert John, B.A. - - - - -	1953
Kwok, Hae Leong, M.E. (B.E., 1957) - - - - -	1962	Lawrie, David Charles, B.Sc. - - - - -	1954
Kwong, Sea Young, B.D.S. - - - - -	1955	Lawrie, John Desmond, B.E. - - - - -	1954
Kyd, Isabel Somerville, B.A. - - - - -	1937	†Lawry, John Robins, B.A. - - - - -	1961
Kyd, Margaret Florence, B.A. - - - - -	1941	†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, 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
		†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, John Brian, B.D.S. - - - - -	1947

† Not yet Members of the Senate

Leach, Raymond Basil, B.D.S.	1950	Levitt, Solomon, M.B., B.S.	1950
Leach, Robert William, B.A.	1950	Levy, Judith Anne Winstanley, B.Sc.	1958
Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953	Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952
Leach, William Valentine, M.A. (B.A., 1922)	1923	Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926
Leader, Haynes, LL.B.	1926	Lewcock, Harry Kingsley, B.Sc.	1923
†Leader, Wendy Marjorie, B.A.	1961	Lewis, Arthur Sangster, B.E.	1930
Leak, Brian Hedley, B.A.	1954	Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931
†Leak, Peter McKenzie, B.Sc.	1961	Lewis, Basil Reece, B.Sc.	1944
Leaney, Cecil John, M.B., B.S.	1952	†Lewis, Brian Malcolm, B.Tech.	1962
Leaney, Peter Anthony, M.B., B.S.	1954	Lewis, Colin Hamilton, B.D.S.	1943
Leaney, Roy Kent, B.A.	1947	Lewis, David Alfred, B.Sc.	1943
Leask, John Hunter, B.E.	1928	Lewis, David Gray, M.Sc. (B.Sc., 1949)	1957
†Leask, John James, B.E.	1960	Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908
Leaver, Edward, LL.B.	1928	†Lewis, Frederick Moore, B.A.	1961
Leaver, Kenneth Batten, B.A.	1942	Lewis, Glen Arthur, B.E.	1949
Leaver, Sally Lucia Eulalie, B.Sc.	1956	Lewis, Gordon John, B.E.	1951
Leckie, Alexander Joseph, Mus.Bac.	1918	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955
LeCornu, Colin George, B.A.	1954	Lewis, Irene Gwendoline, B.Sc.	1907
Ledger, Gladys May, B.A.	1912	Lewis, John Aylward, M.B., B.S.	1944
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906	Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935
Leditschke, Friedrich Berthold, M.B., B.S.	1924	Lewis, Keith Gray, B.Sc.	1940
Leditschke, John Frederick, M.B., B.S.	1957	Lewis, Keith William, B.E.	1952
Leditschke, Kathleen Dora, B.Sc.	1956	Lewis, Kevin Joseph, B.D.S.	1933
Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955	Lewis, Leonard Arthur, B.Sc.	1940
†Ledo, John David, B.E.	1961	Lewis, Mary, B.A.	1949
Lee, Chin Tiong, M.B., B.S.	1957	Lewis, Norman Benjamin, B.Sc.	1947
†Lee, Christopher Robert, LL.B.	1961	Lewis, Peter Alexander, B.E.	1957
Lee, Chye Chow, M.B., B.S.	1955	Lewis, Raymond Douglas, B.Sc. B.A.	1939
†Lee, David Harry, B.Sc.	1961	Lewis, Reginald William Frederick, B.E.	1925
Lee, Frank Milton, B.A.	1939	Lewis, Richard Owen, B.A.	1951
Lee, Heather Vivian, B.A.	1947	Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947
Lee, Hector John, M.Sc. (B.Sc., 1932)	1949	Lewis, Roy Newman, B.Sc.	1952
Lee, Kee Ching, B.E.	1958	Lewis, Stella Constantine, M.B., B.S.	1962
Lee, Kevin John, B.E.	1954	Lewis, Stuart Hayes, M.B., B.S.	1950
Lee, Kwok Ching, M.B., B.S.	1955	†Lewis, Trevor Frank, B.Tech.	1962
Lee, Kwok Poh, B.D.S.	1956	†Leydon, Robert John, B.Sc.	1961
Lee, Lance Maurice, LL.B.	1956	Leyland, Geoffrey Agar, M.B., B.S.	1944
Lee, Raymond Wilson, B.E.	1954	†Lian, Fook Nyeam, M.B., B.S.	1961
Lee, Ronald Milton, B.Tech.	1959	Liddy, Desmond Terence, B.Sc.	1950
†Lee, Sam Kong, B.E.	1961	Liddy, John Francis, B.E.	1952
†Lee, Tian Chew, B.Tech.	1962	Liebich, Alvin Frederick, B.E.	1940
†Lee, Sheong-O, B.Tech.	1962	Lieschke, Alister Headley, B.Sc.	1959
†Lee, Yee Cheong, B.E.	1961	†Liew, Tack Ming, B.D.S.	1961
Legoe, Christopher John, M.A. (Cambridge, 1954)	1961	†Liew, Tack Wan, B.A.	1961
Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926	Ligertwood, Sir George Coutts, B.A. LL.B.	1908
Leifer, Michael, Ph.D. (London, 1959)	1960	Ligertwood, James Arthur, B.E.	1950
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947	Ligertwood, Neil Coutts, LL.B.	1948
Leitch, Raymond John, M.B., B.S.	1956	Ligeti, Piroška Magdolna, M.B., B.S.	1954
Lekias, Michael Simon, M.B., B.S.	1955	Lilburn, William Embleton, B.E.	1954
LeLacheur, Hellier, B.A.	1915	Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949
LeMaistre, Ray Mauger, B.A.	1939	Liljegen, David Roland, B.Sc.	1959
Lemcke, Vincent Andrew Howard, B.A.	1940	Lill, John Charles, Ph.D. (B.E., 1955)	1962
LeMessurier, David Hugh, B.Sc.	1932	Lillecrapp, Douglas Arthur Julian, B.A.	1949
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920	†Lillie, Susan Jane, B.Sc.	1962
LeMessurier, Patricia Anne, B.A.	1959	Lillywhite, Cuthbert, B.Sc.	1899
LeMessurier, Robert Ernest, B.E.	1949	Lillywhite, John Wilson, B.Sc.	1936
Lemmey, Ford Prall, B.A.	1951	†Lillywhite, Myra Jean, B.A.	1960
Lemon, Arnold William, LL.B.	1936	Lim, Khaik Leang, B.Sc.	1959
London, Alan Harding, M.B., B.S.	1927	Lim, Kwang Hua, B.E.	1957
London, Elspeth Lockett, B.A.	1950	Lim, Leong Geok, B.E.	1959
London, Guy Austin, M.D. (M.B., B.S., 1917)	1922	Lim, Yong Peng, B.Ag.Sc.	1957
Lennon, Vincent Francis Bennett, M.B., B.S.	1930	Limmer, Allan Noel, M.B., B.S.	1959
Leonard, Ian Ferguson, M.B., B.S.	1959	London, John Leonard Henry, M.B., B.S.	1952
†Leong, Kong Mun, B.E.	1962	London, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923
†Leong, Luen Kit, B.E.	1960	London, Marten Edward, M.B., B.S.	1953
LePage, Keith Ernest, M.B., B.S.	1952	Lindsay, Keith Malcolm, B.A.	1939
LePage, Patricia Nadeane, B.A.	1956	Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950
LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960	M.B., B.S.	1957
Leske, Clive William, B.E.	1950	†Lines, David Robin, M.B., B.S.	1961
Leske, David, M.B., B.S.	1954	Lines, Dean Franc, B.Sc.	1944
Leske, Elmore, B.A.	1947	Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933
Leske, Kenneth Berthold, B.Ag.Sc.	1948	Lines, George Edward, B.Ag.Sc.	1951
Leslie (nee Sharman), Florence Mary, M.A.	1919	Lines, Helen Nora, B.A.	1952
Leslie, Jean, M.A. (B.A., 1920)	1932	Ling, John Kynaston, M.Sc. (B.Sc., 1954)	1956
Leslie, Peter William, M.B., B.S.	1943	Ling, Robert Donald Hill, B.E.	1957
Leslie, Robert Bradshaw, B.Sc.	1952	†Linke, Ambrose Neil, B.A.	1960
†Leslie, Warren Canmore, B.Sc.	1962	Linke, John William, B.Sc.	1953
†Lesnikowski, Zdzislaw, B.Ec.	1960	Linklater, Peter Munro, B.Ag.Sc.	1953
Le Souef, John Dudley, M.B., B.S.	1948		
Letcher, Herbert George, M.B., B.S.	1927		

† Not yet Members of the Senate.



†McCoy, Donald George, B.Sc.	1960	McKail (nee Boyer), Gertrude Mary, B.A.	1912
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928	Mackail, John William, LL.D. (Edinburgh)	1923
McCoy, William Taylor, M.B., B.S.	1956	MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924
†McCulloch, Ailsa, B.A.	1962	†McKay, Brian John, B.E.	1961
†McCulloch, Deborah Jane, B.A.	1960	McKay, Douglas Gordon, M.B., B.S.	1927
†McCullough, Amy Margaret, B.A.	1942	†McKay, Gordon Charles, M.B., B.S.	1961
†McCurdy, Brian, B.A.	1960	Mackay, Malcolm George, B.A.	1947
†McDermid, Neil Harvey, B.A.	1962	McKay, Malcolm William, B.A.	1936
McDonald, Bruce Alexander, B.D.S.	1951	McKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	1938
McDonald, Colin Robert, B.Sc.	1949	McKay, Maureen Gordon, B.Sc.	1949
†McDonald, Donald Charles, B.Tech.	1960	McKay, Ronald George MacAlpine, M.B., B.S.	1941
McDonald, Donald Stuart, B.A.	1937	Mackay, Samuel Angus, B.Sc.	1937
†McDonald, Frances Mary, B.Sc.	1961	McKay, William Alfred, M.A.	1937
*McDonald, Gilbert Sherman, B.A.	1930	McKechnie, Alan Francis Clark, B.E.	1924
McDonald, Heather Hunter, B.Sc.	1949	McKechnie, Elizabeth Lawson, B.A.	1926
McDonald, Hugh Thomas, M.B., B.S.	1953	McKechnie, Kenneth Alexander, B.E. (In- terim B.Sc. (Eng.), 1944, surrendered)	1948
†McDonald, John Anthony, B.Sc.	1960	McKellar, John Ralph, B.Sc.	1956
McDonald, John Hunter, M.B., B.S.	1956	McKelvie, Donald, B.Sc.	1953
McDonald, Kenneth Duncan, B.Sc.	1934	McKenna, Donald George, M.B., B.S.	1949
McDonald, Margaret Doreen, B.Sc.	1959	McKenna, Keith Patrick, M.B., B.S.	1953
Macdonald, Keith Alexander, LL.B.	1932	McKenzie, Donald Keith, M.B., B.S.	1927
McDonald, Percy William, B.A.	1932	McKenzie, Jean, B.Sc.	1954
McDonald, Peter Baker, B.A.	1950	†McKenzie, John, LL.B.	1961
McDonald, Peter de Paul, B.D.S.	1953	McKenzie, Mary, M.B., B.S.	1946
McDonald, Ross, LL.B.	1913	McKenzie, Reginald Murray, B.Tech.	1958
McDonnell, Desmond Leo, M.B., B.S.	1958	McKie, David Graham, B.A.	1958
McDonnell, Eileen Mary, B.A.	1929	Mackie, Dean Graham, M.B., B.S.	1953
McDonnell, Ellen Mary, B.A.	1943	McKie, Duncan, Mus.Bac.	1938
McDougall, Elisabeth, B.A.	1942	Mackie, James Joseph, B.E.	1953
McDougall, John, B.E.	1943	McKinnon, Donald Campbell, M.B., B.S.	1957
McDowall, Barry Patrick, B.Sc.	1954	McKinnon, George Clarence, B.Sc.	1933
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948	McKinnon, Heather Campbell, B.A.	1952
McEachern, Morven, B.D.S.	1927	McKinnon, John Desmond, B.D.S.	1951
McEvoy, Aloysius John, B.A.	1937	McKinnon, Robert Campbell, B.A.	1934
McEvoy, Frances, B.Sc.	1952	McKinnon, Robert Keith, B.E.	1950
McEwan, Lena Elizabeth, M.B., B.S.	1949	McKinnon, Ross Charles, M.B., B.S.	1952
McEwin, Adrian Gardner, B.Sc.	1958	†McKittrick, Coral Yvonne, B.A.	1961
McEwin (nee Marshall), Betty Waddell, B.Sc.	1943	Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	1927
McEwin, John Neil, LL.B.	1928	Macklin, Laura Muriel Caterer, B.A.	1934
McEwin, Keith, M.B., B.S.	1912	Macklin, William Charles, M.Sc. (B.Sc., 1952)	1956
McEwin, Roderick Gardner, M.B., B.S.	1944	McLachlan, Margaret Elizabeth, LL.B.	1959
McFarlane, Alan, B.E.	1953	†McLarty, Gwendoline, M.B., B.S.	1961
McFarlane, Eileen Dorothea, B.A.	1943	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	1947
McFarlane, John Preiss, LL.B.	1936	†McLarty, William, M.B., B.S.	1961
McFarlane, Trevor Hector, LL.B.	1937	McLaughlin, Eric Enstone, LL.B.	1935
McFarlane, William Hector, B.Ag.Sc.	1942	*McLaughlin, Eugene, M.B., B.S.	1922
McGee, Colin Raymond, B.Sc.	1953	†McLaughlin, Ian Leonard, B.Sc.	1960
McGee, John, LL.B.	1922	McLaughlin, Moira Clare, B.Sc.	1957
McGee, Skaidrite, B.A.	1959	McLay, Andrew Harold, B.A.	1953
Maghey, Mary Veta, M.A. (B.A., 1919)	1930	McLean, Albert Eric, M.A. (B.A., 1928)	1931
McGill, Ian Keith, M.A. (B.A., 1956)	1958	†McLean, Alexander John, B.E.	1961
McGlashan, John Eric, M.B., B.S.	1909	McLean, Dorothy Alice, B.A.	1927
McGlashan, John Gardner, M.B., B.S.	1942	McLean, Ian Weymouth, B.Sc.	1952
McGlashan (nee Gardner), Mary Beatrice, B.A.	1909	†McLean, Lancelot Henry Archibald, B.E.	1960
McGlasson, William Barry, B.Ag.Sc.	1951	McLean, Murray Colin, B.A.	1949
McGlew, Phyllis Dorothy, M.B., B.S.	1918	McLean, Reginald Alexander, B.A.	1932
McGovern, Thomas Henry, LL.B.	1951	McLean, Sibley Jean, M.Sc. (B.Sc., 1945)	1951
†McGowan, Bruce William, B.Tech.	1962	McLeay, Colin James, M.B., B.S.	1956
McGowan, George Murray, B.A.	1938	McLeay, Donald Barton, M.B., B.S.	1947
McGowan, Norman Leslie, B.E.	1950	McLeay, Helen Mary, B.A.	1950
McGowan, Brian, B.Sc.	1957	McLennan, Heather Margaret, B.Sc.	1958
McGowan, Myrie Irene, B.A.	1954	McLennan, James Sydney Kilcoy, LL.B.	1906
McGrath, Ivan Stanley, B.D.S.	1946	McLeod, Allan John, B.Sc.	1939
McGrath, James Patrick, B.A.	1955	McLeod, Douglas Burton, LL.B.	1952
McGrath, Kelvin Paul, B.Sc.	1950	†McLeod, John Kenneth Allister, B.E.	1960
†McGrath, Paul Matthew, B.Tech.	1962	†McLoughlin, Carmel, B.A.	1962
†McGregor, Alan Gordon, LL.B.	1962	McLoughlin, Vincent Patrick, B.A.	1949
McGuire, Gordon Thompson, B.A.	1950	†McMahon, Francis, B.A.	1962
McGuire, Anthony, B.A.	1955	McMahon, Francis Leslie, B.E.C.	1951
Machell, John Edward Lewis, B.Sc.	1948	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Machin, George Herbert, B.E.	1934	McManus, John Bernard, B.Sc.	1954
Machlin, Simon, M.B., B.S.	1952	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944
McHugh, Edward Charles, LL.B.	1948	McMichael, Kenneth Price, B.E.	1950
†McHugh, Graham Albert Charles, B.Sc.	1961	†McMillan, Barry Frederick, B.E.C.	1962
McInerney, Brian Thomas, B.Tech.	1959	McMillan, James William, M.B., B.S.	1952
McInerney, Thomas John, B.Sc.	1949	McMillan, Raymond, B.E.	1949
McInerney, Thomas Taylor, LL.B.	1939	McMillan, Stanley Lyall, B.Sc.	1949
McInnes, Ian Donald, B.D.S.	1957	B.A.	1959
†McIntosh, Andrew Lochiel, B.E.	1962	McMutrie, Alan Ian, B.A.	1935
McIntosh, Gerald Alexander, M.B., B.S.	1944	McMutrie, Ian Hugh, B.Sc.	1958
McIntosh, Howie James, B.E.	1927	McMutrie, Winifred Joan, B.A.	1935
MacIntosh, Ronald MacKenzie, M.B., B.S.	1941		
Mack, Douglas Urban Gilbert, B.A.	1940		

\* Deceased.

† Not yet Members of the Senate.

McNally, John Neilson, B.Sc.	1953	Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958
†McNally, Marie Carmel, B.A.	1961	Mallen, Leonard Ross, M.B., B.S.	1925
McNamara, Agnes, B.A.	1937	Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943
McNeil, Ian (formerly John), M.B., B.S.	1918	Malone, Bruce Edward Frederick, B.Tech.	1959
McNeil, Philippa Florence, B.A.	1952	Maloney, Joan, B.A.	1951
McNicol, David Williamson, B.A.	1937	†Maloney, Margaret Joan, B.Sc.	1962
McNicol, John Howard, B.Sc.	1953	Maloney, Martin James, B.E.	1928
McPharlin, Alison Tudor, B.A.	1952	Maloney, Vernon Thomas Steven, B.Sc.	1929
McPharlin, Deane, B.Sc.	1945	Mander, Linden Alfred, M.A. (B.A., 1917)	1920
†McPharlin, Jeffrey, B.Tech.	1961	Mander, Suzanne Flora, B.Sc.	1949
McPheat, Ian William, B.E.	1957	Manea, Ernest Cosmo, M.B., B.S.	1949
McPheat, Leslie John, B.E.	1957	Manea, Spero, M.B., B.S.	1952
McPhee, Brian, B.Ec.	1959	Manassis, Peter Christopher, M.B., B.S.	1952
†McPhee, Wendy Jean, B.A.	1960	Mangan, John Arthur, LL.B.	1957
†McPherson, Alexander Owen, B.Sc.	1926	†Manhood, Cleve Charles, B.A.	1962
M.A. (B.A., 1931)	1933	Mann, Airdrie Jean, B.A.	1958
†McPherson, John Ian, B.Tech.	1962	Mann, Edward Thomas, B.E.	1953
McPherson, Margaret Helen, B.A.	1951	Mann, Gertrude Irene, B.A.	1919
McPherson, Mary, B.A.	1947	Mann, William Eric, M.B., B.S.	1958
Macpherson, Reginald Murray, B.A.	1947	Mannam, John, Ph.D. (Birmingham, 1955)	1960
Macpherson, Shirley Helen, B.A.	1945	Mannes, Sylvester Joseph, B.A.	1938
McPhie, Jean Elsbeth, B.Sc.	1945	Manning, Kathleen Anne, M.B., B.S.	1958
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957	Manoel, Eva Mary, B.A.	1938
McQuade, Joseph Aloysius, M.B., B.S.	1956	†Manos, Nick Stan, LL.B.	1962
McQueen, George Hugh, M.B., B.S. (Melbourne)	1947	Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949)	1960
†McRae, Colin James, B.Tech.	1962	†Manser, William Lloyd, B.A.	1962
†McRae, Terence Michael, LL.B.	1962	Mansfield, Eric William, B.E.	1950
McRobert, Helen Angus, M.B., B.S.	1949	†Mansfield, Joseph John, M.B., B.S.	1962
MacSkimming, Walt Ronald Auscott, B.A.	1950	Mansfield, William Walladge, B.Sc.	1943
McWhae, Douglas Hope, M.B., B.S.	1945	Manson, James Ian, M.B., B.S.	1958
Muddeford, Sheila Lamont, LL.B.	1927	†Manson, Jillian Mary, B.A.	1960
Maddern, Cecil Pomeroy, B.D.S.	1951	Manthorpe, Thomas Dion, M.B., B.S.	1951
Maddern, John Pearce, M.B., B.S.	1948	Manuel, Deane James Hubert, B.Ec.	1950
Maddern, Martin Randall Foss, B.A.	1937	B.A.	1959
Maddern, Max Wilfred, B.Sc.	1953	Manuel, James Douglas, B.A.	1944
M.B., B.S.	1960	†Manuel, Josephine Gertrude Kamala, M.B., B.S.	1960
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	†March, Neil Carter, B.Tech.	1962
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	†Marcus, Eva Bessie, Mus.Bac.	1960
Madigan, David Cecil, B.Sc.	1937	B.A.	1961
†Madigan, Dorothy Honora, B.A.	1962	Marcus, Irving, M.B., B.S.	1951
Madigan, James Francis, B.E.	1952	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
Madigan, Michael Roebourne, M.B., B.S.	1952	Marinkovich, Nevin John, M.B., B.S.	1958
B.Sc.	1953	Marinos, Nicos George, Ph.D.	1958
Madigan, Paul Edward, LL.B.	1922	†Marinov, Nevena, B.D.S.	1962
Madigan, Russel Tullie, M.E.	1957	Marker, William Herman, B.E.	1949
LL.B.	1960	Markey, Gregory Barton, M.B., B.S.	1953
Madison, Thomas Clover, M.B., B.S.	1946	Markham, Neville Lawrence, B.Sc.	1952
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	†Marks, Donald Adrian, B.Ec.	1962
D.Sc.	1907	†Marks, Bernadette Joan, B.Sc.	1960
Maegraith, Brian Gilmore, M.B., B.S.	1930	Marks, Monica Mary, B.A.	1956
Maelzer, Derek Alan, Ph.D.	1958	Marlow, Alfred Dudley Roy, B.Sc.	1938
Maerschel, Barbara, B.A.	1951	Marmion, Robert James, B.Sc.	1918
Magarey, Alexander Roy, M.B., B.S.	1941	Marriner, Frank Wilfred, B.Sc.	1949
Magarey, Ashley Henderson, LL.B.	1938	Marriott, John Edward, B.D.S.	1951
M.B., B.S.	1940	Marriott, Valmai Dawn, B.A.	1959
Magarey, Brian Attwill, LL.B.	1948	Marsh, Charles William, B.E.	1950
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	Marsh, John Albert, B.Sc.	1952
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Marsh, Judith Irene, B.Sc.	1958
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	Marshall, Allan George, B.Tech.	1959
Magarey, Katherine Ashley, B.Sc.	1949	Marshall, Annie, M.Sc. (Melbourne, 1930)	1954
Magarey, Kathleen de Brett, B.A.	1921	Marshall, Herbert Edmund, B.A.	1940
B.Sc.	1932	Marshall, Lyle Gordon, B.E.	1956
Magarey, Kevin Barry, B.A.	1950	Marshall, Janette Ruth Watson, M.B., B.S.	1953
Magarey, Paul Robertson, B.E.	1952	†Marshall, John, LL.B.	1962
Magarey, Robert Richmond, M.B., B.S.	1951	†Marshall, Nicholas James, B.Sc.	1961
Magarey, Rupert Eric, M.B., B.S.	1904	Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929)	1933
†Magasdi, Creston Ivan, M.B., B.S.	1962	M.Ag.Sc.	1933
Magor, Clifford James, M.A. (B.A., 1927)	1932	Marshman, Ashley Mead, B.A.	1936
Magor, Irvine Frank, B.A.	1938	Marshman, Wesley Melvyn Tiller, B.D.S.	1924
Magor, Margaret Elizabeth, B.A.	1955	Marston, Colin Frederick, B.E.	1951
Maguire, John Charles, B.A.	1941	Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959
Maguire, Maurice Glen, M.B., B.S.	1953	Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913
Maher, John George, LL.B.	1958	Martin, Alfred Irwin, B.E.	1928
Maiden, Leslie Carrington, B.D.S.	1924	Martin, Alfred William, B.A.	1950
†Maidment, Sydney Gordon, LL.B.	1962	Martin, Amalia Anna, B.A.	1930
Main, Arthur Charles, B.E.	1928	Martin, Arthur Bruce, M.B., B.S.	1956
Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959	†Martin Barry Wayne, B.Tech.	1961
Maitland, James Angus, LL.B.	1932	Martin, Bernice Wilma, B.A.	1945
†Major, John Thornton, B.Tech.	1962	Martin, Beryl Claire, B.A.	1952
Mak, Kni Tye, B.E.	1957	Martin, Bruce Ramford, B.Sc.	1957
Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906	Martin, Bruce Peter, B.E.	1954
Mallan, James Michael, B.D.S.	1927	Martin, Charles Burton, B.A. (Boston, 1948)	1954

† Not vet Members of the Senate

Martin, Sir Charles James, D.Sc. (London, 1896)	1931
Martin, David Elwes, B.E.	1947
Martin, David Montgomerie, B.Sc. (Eng.)	1945
†Martin, David Keith, B.Sc.	1962
Martin, Donald Leslie, B.E.	1956
Martin, Frederick Clarence, M.A. (B.A., 1927)	1932
Martin, Helene Alice, M.Sc. (B.Sc., 1954)	1961
Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952
†Martin, Ian Scott, B.Ec.	1962
Martin, John Claude, LL.B.	1905
Martin, John Gerald, B.E.	1955
†Martin, John Trevor, M.B., B.S.	1962
Martin, Jeanne Mary, B.A.	1953
Martin, Keith George, B.Sc.	1952
†Martin, Leslie James, B.Ec.	1960
†Martin, Leslie Meredith, B.A.	1961
Martin, Lincoln William, M.B., B.S.	1931
Martin, Maurice Leon, B.Sc.	1945
B.A.	1954
†Martin, Melville, B.Ec.	1961
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
†Martinkus, Sigitas, M.B., B.S.	1961
Marzo, Leo Alfred, M.B., B.S.	1957
Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947
Maslen, Grant Lewis, B.E.	1955
Mason, Bruce, B.Sc.	1938
Mason, Edith Kathleen Lillian, B.Sc.	1959
†Mason, Edward John Thomas, B.Sc.	1960
†Mason, Ian Bruce, B.Sc.	1962
Mason, Robert Claud, B.Sc.	1951
Masters, Bernard Lincoln, B.A.	1959
Masters, Marjorie, B.A.	1945
Masters, Ross Lincoln, B.Sc.	1924
Materne, Desmond Eric, B.A.	1956
Materne, Maurice Ernest, M.B., B.S.	1956
Materne (nee Kohlhaugen), Myra Audrey, B.Sc.	1955
Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942)	1944
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Matheson, Pamela, B.Sc.	1949
Matheson, Roderick Grant, LL.B.	1952
B.A.	1953
Matheson, William Edmund, B.Ag.Sc.	1952
Mathews, David Stanley, B.Sc.	1938
B.A.	1940
†Mathews, John Hugh, B.Sc.	1962
Mathews, Kenneth Elliott, B.E.	1953
Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950)	1953
Mathias, Brian Morgan, B.E.	1952
Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950)	1954
†Mathison, Murray John, B.Ag.Sc.	1960
†Matousek, Vladislav, M.B., B.S.	1961
Matters, Horace John, B.A.	1950
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929
M.S.	1935
Matthew, Evelyn Maimie, B.Sc.	1957
Matthew, Ian George, Ph.D. (B.E., 1956)	1960
B.Sc.	1954
Matthews, Brian Wesley, B.Sc.	1959
Matthews, Gladys Mary Palmer, LL.B.	1935
Matthews, Harold Pfau, B.E.	1927
Matthews, Maurice John, M.B., B.S.	1944
Matthews, Richard Trahair, B.A.	1941
Matthews, Robert Stephen, B.Sc.	1948
Mattingley, Brian John, B.A. (Tasmania, 1937)	1938
†Mattiske, David Donald, B.E.	1961
†Mattner, Aubrey Laurence, B.Sc.	1962
†Mattner, Charles Prince, M.B., B.S.	1960
Mattner, Ivy Ida, B.A.	1948
Mattner, Philip Edward, B.Ag.Sc.	1949
Mattner, Richard Hocking, B.E.	1952
Matulich, Ross Noel, LL.B.	1950
Matz, Leonard Raymond, M.B., B.S.	1958
Mauger, Alan Harris, M.B., B.S.	1955
Mawby, Olga Gates, B.A.	1922
Mawson, Jessica Quita, B.Sc.	1939
Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936)	1938
Maxwell, George Morrison, M.D. (Edinburgh, 1954)	1960
May, Dorothy Mary, B.A.	1938
†May, Elizabeth Ann, B.Sc.	1962
†May, Ernest John, B.A.	1961
May, Geoffrey Ernest, B.Ec.	1957
May, James Richard, B.E.	1958
May, John Colwyn, M.B., B.S.	1958
May, John Wilhelm, M.Sc. (B.Sc., 1952)	1956
†May, Kevin Ronald, B.E.	1962
May, Lancelot Harris, B.Sc.	1949
May, Leonard Seymour, B.Sc.	1926
May, Rolland George, Mus.Bac.	1939
†Mayfield, Brenton John, B.Tech.	1961
Mayfield, John Maxwell, B.Sc.	1958
Mayfield, Philip, B.A.	1959
Maynard, Donald Archer Scott, B.Sc. B.A.	1938
†Maynard, Robert Keith, B.Sc.	1945
Mayne, Frederick, Ph.D. (Witwatersrand, 1961)	1962
Mayne, Robert John Bruce, M.A. (New Zealand, 1926)	1937
Mayo, Clarice Elton, B.A.	1935
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945)	1957
Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926
Mayo, Sir Herbert, LL.B.	1909
Mayo, Mary Penelope, M.A.	1937
Mead, Dorothy, B.A.	1927
Mead, John William, B.Ec.	1950
Mead, Marjory, B.A.	1933
Meadows, Arthur Wilkes, Ph.D. (London, 1951)	1955
Meaker, Arthur Reginald, B.A.	1940
Meaney, Maxwell Francis, B.Sc.	1950
Meaney, Neville Kingsley, M.A. (B.A., 1955)	1956
Meaday, Ellen May, B.A.	1940
Meaday, Jack William, B.E.	1948
B.Ec.	1962
†Medianik Mykola Boris, M.B., B.S.	1962
Medlin, Brian Herbert, B.A.	1959
Medlin, Edwin Harry, Ph.D. (B.Sc., 1949)	1956
Medlow, David, B.Sc. (Eng.)	1944
Medwell, John Gordon, B.A.	1952
Meiers, John Maurus, B.A.	1937
†Meija, Juris Sigurds, B.E.	1962
Melbourne, Henry Eoin Sydney, B.E.	1920
Melbourne, John Clifford, B.E.	1952
Melbourne, William Henry John, B.A.	1949
Meldrum, Brian Reginald, M.B., B.S.	1953
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924)	1925
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951
Mellor, Geoffrey Lloyd, M.B., B.S.	1947
Mellows, Peter Ernest, M.B., B.S.	1947
†Mellowship, John Haslet, B.A.	1961
Melville, James, Ph.D. (London, 1934)	1956
Melville, John Howard, LL.B.	1959
Melvin, Geoffrey Ronald, M.B., B.S.	1954
Melvin, Maxwell Victor, B.A.	1958
Menadue, John Laurence, B.Ec.	1956
Menear, Ira, B.A.	1927
B.Ec.	1955
Menear, Yvonne, M.B., B.S.	1957
Menz, Emmi Margarete, B.A.	1932
Menz, William John, B.Ec.	1948
Menzies, The Rt. Hon. Robert Gordon, C.H., Q.C., M.P., LL.D. (Melbourne)	1961
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Mercer, Donald James, B.E.	1957
Mercer, Edgar Howard, D.Sc. (B.Sc., 1935)	1960
Mercer, Frank Verdun, B.Sc.	1942
Merchant, David John, Mus.Bac.	1959
Merity, John Patrick, LL.B.	1952
Merrett, James Laurence, B.Sc.	1949
Mertin, Jack Victor, B.Ag.Sc.	1944
Messel, Harry, Ph.D. (National University, Ireland)	1952
†Messenger, Malcolm James, B.E.	1960
Messent, Esther Mary, B.A.	1928

† Not yet Members of the Senate.

Messent, Keith Santo, B.E.	1920	Milton, Bernard Eric, M.Sc. (B.Sc., 1954)	1959
Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918)	1923	Milton, Gerald White, M.B., B.S.	1947
Messent, Philip William Santo, M.B., B.S.	1954	Milton, Henry Richard, B.E.	1958
Mestrov, Thomas John, M.B., B.S.	1959	†Mincham, Julian Hans, B.A.	1962
Meyer, Heinrich Carl, B.Sc.	1932	Minihan, Agnes Cecelia, M.A. (B.A., 1927)	1933
Meyer, Richard Leo, B.A.	1953	†Minkiewicz, Irene Anna, B.D.S.	1962
Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953)	1957	Minson, Charles Stanley, B.E.C.	1939
Michael, Maxwell Roy, B.E.	1951	Mioceovich, Leonard Stephen James, M.B., B.S.	1958
Michael, Peter William, Ph.D. (B.Ag.Sc., 1951)	1959	Miraglia, Carlotta Rosina, B.A.	1953
Michell, Charles Francis, M.B., B.S.	1921	Misson, Patrick William, M.B., B.S.	1956
Michell, Meredith June, B.A.	1958	†Mitchell, Adrian Christopher William, B.A.	1962
Michell, Mignon Norma Howard, B.A.	1944	Mitchell, Albert Leonard, B.A.	1956
Michelmore, Walter Maxfield, B.Sc.	1941	Mitchell, Betty Dawn, B.A.	1947
Mickan, Bruce Valentine, B.E.C.	1959	Mitchell, Donald Thomas, B.E.	1930
Mickan, Erwin Laurence, B.Sc.	1956	Mitchell, Frank Wyndham, B.Sc.	1927
Mickan, John Herbert, M.B., B.S.	1952	B.A.	1933
Middleton, Melville John William, B.A.	1941	M.A. (Ph.D., London, 1937)	1943
Middleton, William Thomas Steele, B.Sc.	1947	Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947)	1951
Miersch, Robert Johnston, M.E. (B.E., 1954)	1957	Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924)	1932
Miethk-Adelaide Laetitia, B.A.	1924	Mitchell, Helen Margaret, B.Sc.	1952
†Mihalovitch, Mira, B.A.	1962	Mitchell, Ian Vaughan, B.Sc.	1959
Mikuzs, Jonas, M.B., B.S.	1954	Mitchell, John Turnbull, B.E.C.	1953
Milazzo, Clare Cecelia, B.A.	1952	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Milazzo, Stephen Charles, M.B., B.S.	1949	†Mitchell, Margaret Elspeth, B.Sc.	1961
Mildren, Mary Louise, B.A.	1955	Mitchell, Sir Mark Ledingham, B.Sc.	1923
Mildren, Michael John, B.E.	1959	Mitchell, Noel John, M.B., B.S.	1956
Milencewicz, Witalius, M.B., B.S.	1959	Mitchell, Percival Harris, B.A.	1906
Miles, John Arthur Reginald, M.D. (Cambridge, 1951)	1953	Mitchell, Peter, B.Sc.	1959
Miles, Peter Wallace, Ph.D. (Cambridge, 1957)	1959	†Mitchell, Robert John, B.Sc.	1960
Miles, Perry Ambrose, M.Sc. (B.Sc., 1949)	1951	Mitchell, Roma Flinders, LL.B.	1934
Milesi, Angelo John, B.Sc.	1927	Mitchell, Terrence John, B.A.	1957
Mili, James Crowe Davidson, M.B., B.S.	1953	Mitchell, Thomas Oliver, B.Ag.Sc.	1933
Millard, Colin, B.E.C.	1950	*Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895
Miller, Annie Rose, B.A.	1934	Mitchell, William Robert, B.E.	1950
Miller, Beryl Jessica, B.A. (Tasmania, 1923)	1924	Mitchell, William Russell, B.E.	1948
Miller, Colin David John, B.Med.Sc.	1961	Mitchell, Zonne Marion, B.A.	1956
Miller, Ian Charles, M.B., B.S.	1958	Mitt, Hugo, M.E. (B.E., 1955)	1962
Miller, Ian Lindemann, M.B., B.S.	1938	Mitton, Jennifer Jean, B.A.	1956
Miller, James William Haigh, B.E.C.	1960	Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926)	1928
Miller, John Keetley, M.B., B.S.	1955	Mizon, Errol Alfred, B.Sc.	1948
Miller, John Milton, M.B., B.S.	1957	Moffat, Dorothy Joan, B.A.	1944
Miller, Joseph Brendan, B.E.	1951	Moffat, May Josephine, M.B., B.S.	1911
Miller, Justin Herbert, M.B., B.S.	1954	Moffatt, Betty Josephine Margaret Douglas, B.A.	1946
Miller, Leslie Gordon, M.B., B.S.	1949	LL.B.	1947
Miller, Malcolm William, M.B., B.S.	1932	Moffatt, Cathie Douglas, M.B., B.S.	1953
Miller, Margaret Una, B.A.	1928	Moffatt, Graeme Gilbert, M.E.C. (B.E.C., 1957)	1960
†Miller, Michael Joseph, B.E.	1961	Moffatt, Jeannie May Douglas, M.B., B.S.	1953
Miller, Peter Geoffrey, B.Sc.	1952	†Moffatt, Michael James, B.E.	1962
Miller, Raymond Orlando Maurice, B.A.	1905	Moffitt, Richard Barry, B.E.	1948
Miller, Robert Lionel, B.Sc.	1942	Mofflin, Lionel Hugh, M.B., B.S.	1953
Miller, Robert, B.S.	1947	Mohr, Robert Finay, LL.B.	1954
†Miller, Roderick Stuart, B.D.S.	1961	Molineux, Marion Ruth, B.A.	1947
†Miller, Roland John, B.E.	1961	Molineux, Ronald Eugene, B.E.	1959
†Miller, Thomas William, B.Tech.	1960	Moller, William John, B.Ag.Sc.	1959
Miller, Victor John, B.E.	1952	†Mollison, Brenton Graham, M.B., B.S.	1961
Millard, Alison Adele, Ph.D. (Sydney, 1953)	1959	Molloy, Raymond Brian, B.A.	1950
†Millhouse, Grace Mary, LL.B.	1960	Moncrieff, Josephine Hartley, B.A.	1911
Millhouse, Glenn, B.D.S.	1948	Moncrieff, Mary Kathleen, B.A.	1910
†Millhouse, Peter Leslie, M.B., B.S.	1961	Moncrieff, Rostrevor Brooke, M.B., B.S.	1952
Millhouse, Robin Rhodes, LL.B.	1951	Monfries, John William Elliott, B.D.S.	1924
Millhouse, Vivian Rhodes, LL.B.	1939	Mongan, Horace John, B.E.	1918
Milligan, Brian, Ph.D. (B.Sc., 1952)	1956	Monro, John Malcolm, Ph.D.	1959
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951)	1958	Montgomery, Albert, M.B., B.S.	1955
Mills, Barbara Joyce, B.A.	1938	†Montgomery, Malcolm George, LL.B.	1962
†Mills, Bernard Jeffrey, B.E.C.	1962	Moodie, Colin Troup, LL.B.	1934
Mills, Bessie Heather, B.A.	1952	Moodie, Robert Beresford, LL.B.	1931
Mills, Dorothy Nell, B.A.	1928	Moorcroft, Edward, B.Sc.	1959
†Mills, Elliott Whitfield, LL.B.	1962	Moore, Alan Walter, B.Ag.Sc.	1948
Mills, Eric Baxter, B.E.	1929	Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944	†Moore, Brian William, B.Sc.	1961
Mills, John Brabyn, B.Sc.	1936	Moore, Cecily Anne, B.A.	1954
Mills, John Murray, B.A.	1952	Moore, Colin Eugene, M.B., B.S.	1959
Mills, John Scott, B.F.	1955	Moore, Donald Rex, B.Sc.	1922
†Mills, Kenneth William, B.Sc.	1962	Moore, George Douglas, B.Sc.	1904
Mills, Kingsley John, B.Sc.	1959	Moore, Harold Robinson, M.B., B.S.	1945
†Mills, Richard Andrew, B.Sc.	1962	Moore, Humphrey Owen, B.Sc.	1932
†Mills, Richard Graham John, B.Sc.	1961	Moore, John Lewis, M.B., B.S.	1957
Milne, Annie Johnson, B.A.	1936	†Moore, Jon Reading, B.Tech.	1962
†Milne, Anthony John, M.B., B.S.	1961	Moore, Kevin Reading, B.D.S.	1951
Milne, Kenneth Harvey, B.E.	1925	†Moore, Kevin Terance, B.Tech.	1960
Milne, Kevin Fowler, M.B., B.S.	1951	Moore, Max Clifford, M.B., B.S.	1946
Milner, Bryan John, B.Sc.	1959		
Milner, Desmond Walter, B.E.	1936		

\* Deceased.

† Not yet Members of the Senate.

Moore, Murray Ira, B.E.	1956	Moyle, Sidney, M.A. (B.A., 1914)	1917
† Moore, Phillip James, LL.B.	1960	B.Sc.	1926
Moore, Phyllis Mary, B.A.	1909	Moyses, Bertram Ivey, B.E.	1937
* Moore, Robert Brian, B.Sc.	1950	† Mudge, Peter Rowland, M.B., B.S.	1962
Moore, Robert Clifton, B.A.	1956	Mudge, Margaret, B.A.	1953
Moore, Robert Waters, B.Ag.Sc.	1957	Mudie, George Dempster, B.E.	1921
† Moore, Roberta Frances Leah, M.B., B.S.	1962	Muecke, David Sunter, M.B., B.S.	1958
† Moores, John Robert, B.Sc.	1960	Muecke, Douglas Colin, B.A.	1948
Morad, Ahmad Bin, M.B., B.S.	1954	Muecke, Francis Frederick, M.B., B.S.	1902
Moran, Francis Brian, LL.B.	1948	Muecke, Ian Donald, B.A.	1955
Moran, John Francis, B.D.S.	1941	Muecke, Peter Sunter, B.Sc.	1959
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Mueller, Dorothy Concordia, B.A.	1953
Morcom, Ross George, B.E.	1955	Mueller, Edwin Albert, B.A.	1939
More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947	† Mueller, Geoffrey Leslie, B.Sc.	1961
Moreland, Jack, M.B., B.S.	1926	Mueller, Malcolm Dudley, B.E.	1950
Morey, Burnard Spondley, B.Sc.	1950	Mueller, Merna Alma, M.B., B.S.	1950
† Morey, David Ian, B.Sc.	1962	Mueller, Rae Vernon, B.Sc.	1944
Morey, Geoffrey Wilson, M.B., B.S.	1926	Muetzelfeldt, Dorothea, B.A.	1951
Morgan, David Archibald Stevenson, M.B., B.S.	1943	Muetzelfeldt, Elfriede Elise, M.A. (B.A., 1937)	1950
Morgan, Edward James Ranembe, LL.B.	1920	Mugford, Frank Kenneth, M.B., B.S.	1925
Morgan, Eric Desmond, B.D.S.	1948	Mugford, Keith, M.B., B.S.	1957
Morgan, Furness David, Ph.D. (California, 1956)	1959	Mugford, Lancelot Suckling, B.A.	1945
† Morgan, Graham Thomas, B.Ec.	1961	Mugford, Rex Ernest, B.A.	1944
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953	Muhammad, Abdul Munim Hassan, B.Ag.Sc.	1952
Morgan, Lloyd Kenneth, M.B., B.S.	1952	Muirden, Elizabeth Alice, B.A.	1950
Morgan, Owen Brakspear, M.B., B.S.	1952	Muirden, Hector Raymond, B.A.	1930
Morgan, Olwen Esther, B.A.	1930	Muirhead, Andrew Mackinnon, B.D.S.	1950
Morgan, William Matheson, B.E.	1930	Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1950
Moritz, Alan Gilbert, Ph.D. (B.Sc., 1957)	1961	Muirhead, James Henry, LL.B.	1950
Morlet, Geoffrey Claude, M.B., B.S.	1955	Muirhead, Leonard Graeme, M.B., B.S.	1911
† Morley, Donald Norman, B.Sc.	1960	Muirhead, Mortimer John Croft, M.B., B.S.	1949
Morphett, Anthony Eddy, B.Sc.	1950	Muizulis, Voldemars, B.E.	1951
† Morphett, Ian Rivers, B.Tech.	1960	† Mulcahy, Dennis Estcourt, B.Sc.	1962
Morphett, John Neville, B.A.	1955	Mules, Betty Lavina, B.A.	1945
Morphett, John Wallace, B.E.	1958	† Muljadi, Djojomartono, B.Ag.Sc.	1960
Morris, David Franklin, B.Sc.	1955	† Mullan, Barry James, B.E.	1961
Morris, Hildred Ione, B.A.	1929	Mullen, Brian Anthony, LL.B.	1935
Morris, John Lennox, B.A.	1949	† Muller, Hans Konrad, B.Med.Sc.	1961
Morris, Kerwin William, B.Sc.	1949	Muller, Peter Neil, B.E.	1949
Morris, Lenore, B.Sc.	1950	Mullins, Francis Joseph, B.E.	1956
Morris, Lyndall Erica, B.A.	1924	Mullins, Margaret Anne, Mus.Bac.	1959
Morris, Mervyn Charles, LL.B.	1923	Mulvihill, Edward John, B.A.	1958
Morris, Neville Johnston, M.B., B.S.	1959	Mullner, Judith Anne, B.Sc.	1953
Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959	Mumme, Ivan Albert, B.Sc.	1949
† Morris, Robert William James, B.E.	1962	Mumme, William Gustav, M.Sc. (B.Sc., 1956)	1959
Morrison, Ian Bruce, B.E.	1958	Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Morrison, John Colin, B.A.	1959	Munday, Malcolm Joseph, B.D.S.	1953
Morriss, Elsie, M.A. (B.A., 1928)	1931	Munday, Neill Horace, M.B., B.S.	1924
† Morrissy, Noel Michael, B.Sc.	1962	Munday, Robert Neill, M.B., B.S.	1955
Mortess, Ian Richard, M.B., B.S.	1958	Mundy, Kevin Arnold, B.A.	1936
Mortimer, Isabel Inkster, M.B., B.S.	1955	Mune, Marie Elizabeth, M.A. (B.A., 1953)	1962
Mortimer, Peter Inkster, Ph.D. (B.Sc., 1943; M.Sc., 1957)	1961	Munn, Bertha Helen Temple, B.A.	1917
Morton, Christopher Gordon, B.E.	1924	Munn, Sydney Morris, B.A.	1940
Morton, Donald James, B.Sc.	1956	Munro, Barbara Joan, B.A.	1951
Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959	Munro, Ian Alexander, B.Sc.	1949
† Moseley, Graham Edward, B.E.	1962	Murchland, John Byrne, M.B., B.S.	1954
Moss, Colin Lance, B.A.	1939	Murdoch, Bronwen, B.A.	1950
Moss, Rodney Clare, M.B., B.S.	1954	Murdoch, Robert Bruce, B.E.	1957
Moten, Brian Leslie, B.E.	1953	Murn, Vincent Alan, B.E.	1941
Moten, John Michael, B.Sc.	1955	Murphy, Evangeline, B.A.	1907
Moten, Kathleen Margaret, M.B., B.S.	1957	Murphy, Margaret Jane, B.A.	1947
Motteram, Philip, B.E.	1914	Murphy, Marjorie Rose, B.A.	1956
Motteram, Reginald, B.Sc.	1934	Murphy, Mary, B.A.	1933
M.B., B.S.	1939	† Murphy, Noel Julian, B.Tech.	1961
Moulden, Arnold Meredith, LL.B.	1914	Murphy, Peter Raymond, B.Sc. (Eng.)	1943
Moulden, Barbara Meredith, B.A.	1957	Murphy (nee Glynn), Shylie Patricia, B.A.	1942
Moulden, John Owen, LL.B.	1938	Murphy, Thomas Roy, M.Sc.	1957
Moulden, Owen Meredith, M.B., B.S.	1910	Murphy, William Hugh, B.Sc.	1955
Mounster, Valerie Luella, B.A.	1928	† Murray, Andrew Walter, B.Ag.Sc.	1961
† Mounster, Walter Edward, B.Tech.	1961	Murray, Donald Bruce Seymour, M.B., B.S.	1953
Mount, Anthony Blair, B.Sc.	1958	Murray, Eric Lionel, Ph.D. (B.Sc., 1953)	1962
Mount, Graham Jaunay, B.D.S. (Sydney, 1946)	1962	Murray, Gordon Seymour, M.B., B.S.	1944
Mount, Jonathan, B.E.	1955	† Murray, Ian James Douglas, B.E.	1960
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934	Murray, Ian Peter, B.Sc.	1959
† Mowatt, Anne Margaret, B.Sc.	1962	Murray, John Dunmore, B.E.	1953
Moyes, John Stoward, M.A. (B.A., 1905)	1907	Murray, John McKenzie, B.Tech.	1958
Moyes, Morton Henry, B.Sc.	1910	† Murray, Keith Douglas, M.B., B.S. (Sydney, 1953)	1961
Moyle, Francis James, B.Sc.	1950	† Murray, Lyndon George, M.B., B.S.	1961
		Murray, Noel William, B.E.	1950
		Murray, Philomena Mary, B.A.	1934
		Murrell, Helen Calvert, B.Sc.	1949
		M.B., B.S.	1955
		Murrell, Timothy George Calvert, M.B., B.S.	1959
		Musman, Roma Josephine, B.A.	1943
		Mussared, Peter Llewellyn, B.E.	1955

\* Deceased.

† Not yet Members of the Senate.

Mutton, Henry Edwin Howard, M.A. (B.A., 1918)	1922	Nicholas, Herbert Ahearn, B.D.S.	1950
Mutton, Howard James Charles, B.A.	1954	Nicholas, Ian James, B.E.	1959
Mutze, George Friedrich, M.B., B.S.	1952	Nicholas, Rowland John, B.A.	1943
Mychajlyszyn, Jaroslav, B.E.	1956	Nicholls, Barbara Ruru, B.A.	1941
Myers, Arthur Mervyn, M.B., B.S.	1933	Nicholls, Colin Herbert, B.Sc.	1949
Myhill, Reuben John, B.D.S.	1948	Nicholls, Donald Alfred, M.B., B.S.	1945
†Myles, Brian George Lloyd, M.B., B.S.	1962	Nicholls, Edward Maxwell, M.B., B.S.	1949
N			
Nader, Clement Joseph, B.Sc.	1959	Nicholls, Eric Pascoe, M.B., B.S.	1956
Nagel, Norman Edgar, B.A.	1945	Nicholls, Henry, B.E.	1938
Naidu, Nannuru Anjaneyulu, M.Ag.Sc.	1959	Nicholls, Jack Montague, M.B., B.S.	1946
Nairn, Donald Elwyn, M.B., B.S.	1953	Nicholls, James Herschel, M.B., B.S.	1942
Nairn, Jennifer, B.Sc.	1954	Nicholls, Jonathan Kingsley, B.A.	1924
Nairn, John Wallace, B.E.	1949	Nicholls, Kelvyn Elmo, M.B., B.S.	1948
Nairn, Mary Beatrice, M.B., B.S.	1953	Nicholls, Leslie Albert, B.Sc.	1949
Nairn, Peter Ross, B.E.	1949	Nicholls, Leslie Herbert, B.A.	1893
Nairn, Robert Ian, B.D.S.	1951	Nicholls, Leslie Thorncliffe, B.E.	1948
†Nairn, Robert John, B.E.	1960	Nicholls, Trevor Thomas, M.B., B.S.	1957
Nairne, Alexander Livingstone, M.A.	1905	Nicholls, Valwynne Arthur, M.B., B.S.	1959
Nancarrow, Cyril Gawler, LL.B.	1936	†Nichols, Graham Philip, B.Tech.	1960
Nancarrow, Jean Isobel, B.A.	1947	Nichols, Ian Andrew, B.A.	1951
Nancarrow, Malcolm Ewart, M.B., B.S.	1946	LL.B.	1953
Nankivell, Joseph Frank, B.Sc.	1945	Nichols, Reginald Clarence, B.Sc.	1945
Nankivell, Maxine Vera, B.A.	1945	†Nichols, Terence Ivan, B.Sc.	1960
Nankivell, Shirley Dawn, M.B., B.S.	1953	Nichols, Trevor Charles, B.Sc.	1948
Nankivell, William Field, B.Ag.Sc.	1950	Nicholson, Hugh John Gay, B.E.	1916
Napier, Bruce, B.D.S.	1949	Nicholson, Ian Lancaster, B.E.	1939
Napier, Ian Murray, M.Sc. (B.Sc., 1957)	1960	Nichterlein, Frieda Pauline, B.A.	1948
Napier, Sir Thomas John Mellis, LL.D. (LL.B., 1902)	1959	Nickolai, Max Ronald, B.Sc.	1952
Nash, Leslie Malcolm, B.Tech.	1959	Nickolls, Peters Michael, LL.B.	1953
Nash, Philip Llewellyn, M.B., B.S.	1953	†Nicolson, Alexander John, B.Ag.Sc.	1960
Nath, Jagdishwar, M.Ag.Sc.	1959	Nicolson, Andrew David, B.Ag.Sc.	1954
Naughtin, Patrick Chanel, M.A. (B.A., 1949)	1956	†Nicolson, Hamish, M.B., B.S.	1962
Nayda, Mervin Lawrence, B.Tech.	1958	Nicolson, Murray Thomas, B.Sc.	1945
Naylor, John Colenso, LL.B.	1923	Nield, Alexander Cowell, M.B., B.S.	1956
Naylor, Margaret Mary Jessie Darnley, B.A.	1920	†Nield, Hugh Cowell, LL.B.	1962
Naylor, Rupert Leslie, M.B., B.S.	1924	Nienaber, Blair, B.E.	1953
Neal, Laurie Frederick, B.A. (London, 1935)	1960	Nietz, Arno Oscar, B.A.	1951
Neale, Arthur, M.B., B.S.	1952	Nietz, Herbert Walter, M.A. (B.A., 1913)	1918
Neale, Nancy Gwyneth, M.Sc. (B.Sc., 1942)	1945	B.Sc.	1921
Neale, Shirley Margaret, B.Sc.	1946	Nietz, Ian Arno, B.E.	1954
Neck, Maurice Allan, B.E.	1950	Nilsson, Carl Sigurd, B.Sc.	1956
Neely, Mary Boyd Woodburn, B.A.	1953	Nilsson, Neil Alfred, Ph.D. (M.A., 1955; B.A., 1951)	1959
Neely, Mervyn George, M.B., B.S.	1957	Nilsson, Reginald Hakan, B.Ec.	1944
Neighbour, Keith, B.E.	1952	Ninnes, Alan Herbert, B.Sc.	1957
Nelligan, Joseph William, LL.B.	1921	Ninnes, Arthur Reginald, B.A.	1943
Nelson, Archibald John Alexander, B.A.	1938	Ninnes, Patricia O'Moore, B.A.	1957
Nelson, Cynthia, B.A.	1945	Nitschke, John Edwin, B.E.	1949
Nelson, James Angus, B.E.	1949	†Nitschke, Peter John, B.Sc.	1962
†Nelson, Peter John, B.Sc.	1960	Nixon, Valerie Colinette, B.A.	1957
Nelson, William Barton, B.E.	1924	Nizamuddin, Mohammed, Ph.D.	1961
Nenke, Robert Leonard, B.E.	1955	Noack, Charles Hugh, M.B., B.S.	1941
Nerlich, Graham Charles, M.A. (B.A., 1955)	1957	Noack, Peter John, B. Tech.	1958
Nesbitt, Robert William, Ph.D. (Durham, 1961)	1962	Noall (nee Piercy), Olive Edriss, B.A.	1935
Nettle, Richard William, B.E.	1941	Nobbs, Jack McKay, M.Sc. (B.Sc., 1944)	1951
Nettle, Robert James, M.B., B.S.	1958	Nobbs, William David, LL.B.	1949
†Nettlebeck, Colin William, B.A.	1960	Nobes, Edith Dorothy, B.Sc.	1921
†Nettlebeck, David Clive, B.A.	1960	Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948
Neuling, Herman James, B.E.	1937	Noble, Elaine Kay, B.Sc.	1958
Neuenkirchen, George Murray, B.E.	1947	Noble, Geoffrey Robert, LL.B.	1958
Neuenkirchen, John Basil, B.E.	1953	Noble, George Grant, LL.B.	1937
Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956)	1959	Noblett, David John, B.E.	1950
Newbery, Maxwell Charles, B.E.	1954	Noblett, Hedley Lindsay, B.A.	1926
Newland, Ben Totham Jervois, M.B., B.S.	1952	Noblett, Max Hadden, B.A.	1957
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896)	1902	Nogare, Ronald Raphael Dalle, B.Sc.	1953
Newland, Malcolm Creswell, M.B., B.S.	1938	†Nolan, Gordon David, B.Tech.	1961
Newland, Nancy Benning, LL.B.	1937	Nolte, Bryan Trevor, B.E.	1957
Newman, Bernard William, B.Sc.	1934	*Noltenius, Harry Edward, B.A.	1902
Newman, Edgar Harold, LL.B.	1894	Noon, David Lyon, B.A.	1952
Newman, Jeffrey Howard, B.E.	1957	Noonan, John William, B.A.	1952
Newman, Kenneth Fisher, B.Ec.	1936	Noonan, Patrick Robert, B.Ec.	1957
B.A.	1940	Nordin, Alfred Walter, B.E.	1957
Newman, Lewis Arthur, B.Sc.	1925	Norgard, John Davey, B.E.	1937
Newman, Ralph Frederic, LL.B.	1945	Norman, Albert Edward, B.A.	1948
Newnham, William Arthur, M.B., B.S.	1946	Norman Arthur Edward, B.Sc.	1949
†Newport, William George B.Tech.	1961	B.A.	1955
Ng, Andrew Lian Timm, B.A.	1954	Norman, Harold Ashley, LL.B.	1947
†Ng, Boon Gim, M.B., B.S.	1962	Norman, William Gowan, M.B., B.S.	1938
†Ng, Boon Keng, M.B., B.S.	1960	Norrie, Douglas Hector, B.E. (New Zealand, 1952)	1957
†Ng, Robert Lian Wee, M.B., B.S.	1961	Norris, Allan Mervyn, B.A.	1956
Nichol, Lawrence Walter, Ph.D. (B.Sc., 1956)	1962	Norris, Rita Bridget Rice, LL.B.	1945
		North, William Ian, M.B., B.S.	1939
		Northcote, Geoffrey Graham, B.E.	1959
		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)	1958

\* Deceased.

† Not yet Members of the Senate.

Nott, Harry Carew, M.B., B.S. - - - - 1918  
 †Nottage, Neil Thomas, B.Tech. - - - - 1961  
 Nottle, Geoffrey Edward, B.A. - - - - 1956  
 †Novotny, Jaroslav, B.Sc. - - - - 1960  
 Nugent, Naomi Mary, B.Sc. - - - - 1954  
 †Nunan, Douglas Stephen, B.A. - - - - 1960  
 Nunn, George Marshall, M.B., B.S. - - - - 1951  
 Nunn, Kevin Joseph, B.Sc. - - - - 1942  
 †Nurman, Muhamad, B.Tech. - - - - 1962

## O

Oakeshott (nee Scrutton), Patricia Margaret, B.A. - - - - 1951  
 Oaten, Harold Richard Hugh Noel, M.B., B.S. - - - - 1935  
 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, 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, 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  
 O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.)), 1944, surrendered) - - - - 1947  
 O'Dea, Kathleen Mary, M.B., B.S. - - - - 1948  
 †Odgers, Anne Catherine, B.A. - - - - 1962  
 Odium, Leonard Ralph, B.Sc. - - - - 1937  
 Odium, Reginald Lance, LL.B. - - - - 1937  
 Odium, Vernon James, M.B., B.S. - - - - 1939  
 †O'Donnell, Alan James, M.B., B.S. - - - - 1962  
 O'Donnell, Elizabeth Anne, LL.B. - - - - 1954  
 O'Donnell, Margaret Helena, B.Sc. - - - - 1954  
 O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947) - - - - 1951  
 O'Donoghue, Stephen Kevin, B.A. - - - - 1912  
 O'Donoghue, Raymond Francis, B.Ec. - - - - 1951  
 O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939) - - - - 1960  
 †Offler, Robin, B.Sc. - - - - 1960  
 O'Grady, Helen Patricia, M.A. (B.A., 1959) - - - - 1961  
 O'Grady, Kevin John, M.B., B.S. - - - - 1958  
 O'Grady, Maureen Therese, B.Sc. - - - - 1957  
 Offord, Thomas Frank, B.Sc. - - - - 1951  
 Ogilvie, Keith Ross, B.E. - - - - 1956  
 Oh, Kong Yew, B.E. - - - - 1959  
 O'Halloran, Michael William, M.Sc. (B.Sc., 1954) - - - - 1957  
 †O'Halloran, Sydney John, M.B., B.S. - - - - 1962  
 O'Hara, Brian Isidro, M.B., B.S. - - - - 1950  
 O'Keefe, John, LL.B. - - - - 1957  
 Ohlstrom, Leonore Anne, M.A. (B.A., 1929) - - - - 1962  
 Olden, John Albany Niquet, M.B., B.S. - - - - 1958  
 Oldfield, Frederick Bernam, B.Sc. - - - - 1923  
 Oldfield, Neil, M.B., B.S. - - - - 1940  
 Oldham, Brenda Helen, B.A. - - - - 1941  
 Oldham, Marjory (nee Anderson), B.A. - - - - 1915  
 Oldham, Wilfrid Hugh, B.E. - - - - 1948  
 †Oldman, Bruce Phillips, B.Ec. - - - - 1960

O'Leary, Patrick Damian, B.D.S. - - - - 1951  
 †Olijnyk, Nikolas, B.Sc. - - - - 1960  
 Oliphant, Hurtle Garth, B.Tech. - - - - 1953  
 Oliphant, Sir Marcus Lawrence Elwin, B.Sc. - - - - 1923  
 Oliphant, Michael John, B.Sc. - - - - 1958  
 †Oliver, Archibald Robert, M.E. (B.E., 1941) - - - - 1952  
 Oliver, Robert Wallace, B.E. (Interim B.Sc. (Eng.)), 1943, surrendered) - - - - 1945  
 Oliver, Robin Langford, Ph.D. (Cambridge, 1954) - - - - 1959  
 Ollino, Richard, B.Sc. - - - - 1957  
 †Olliver, Jeffrey Graham, B.Sc. - - - - 1960  
 O'Loughlin, Kevin Thomas, LL.B. - - - - 1949  
 B.A. - - - - 1956  
 †O'Loughlin, John Augustine, M.B., B.S. - - - - 1961  
 O'Loughlin, Maurice Francis, LL.B. - - - - 1956  
 Olsen, Paul Engberg, B.E. - - - - 1941  
 Olssen, Edwin Alexander, M.A. (B.A., 1937) - - - - 1947  
 Olsson, Athol Julius, LL.B. - - - - 1920  
 Olsson, Graham Douglas, LL.B. - - - - 1956  
 Olsson, Leslie Trevor, LL.B. - - - - 1954  
 O'Malley, Charles Ernest Denis, B.E. - - - - 1932  
 O'Malley, John Edwin, B.A. - - - - 1945  
 Omond, D'Arcy James, B.E. - - - - 1949  
 †O'Moore, Ellenora Patricia, M.B., B.S. - - - - 1961  
 O'Neil, Cornelius Patrick, B.A. - - - - 1949  
 O'Neill, Marguerite, B.A. - - - - 1949  
 †O'Neill, Peter Hendy, B.A. - - - - 1961  
 O'Neill, Sydney, M.B., B.S. - - - - 1917  
 †Ong, Teng Chung, B.Arch. - - - - 1962  
 †Ooi, Boon Teck, B.E. - - - - 1962  
 Ophel, Trevor Richard, B.Sc. - - - - 1955  
 Opie, Alan James, B.E. - - - - 1953  
 Opie, Brian Preston, B.E. - - - - 1949  
 Opie, Peter Bruce, M.B., B.S. - - - - 1956  
 Opie, Roderick Preston, B.A. - - - - 1959  
 Opie, Roger Gilbert, M.A. (B.A., 1949) - - - - 1951  
 Opie, Thomas Schulz, B.A. - - - - 1923  
 Opit, Julius Marcus, B.Sc. - - - - 1955  
 Opit, Louis Jonah, M.B., B.S. - - - - 1949  
 Oram, Rex Neville, Ph.D. (B.Ag.Sc., 1953) - - - - 1960  
 Orchard, Barbara Winifred, M.B., B.S. - - - - 1959  
 Orchard, Donald Ralph, B.E. - - - - 1956  
 B.Ec. - - - - 1961  
 †O'Reilly, Ronald James, B.Sc. - - - - 1961  
 Osborn, Peter William, B.Sc. - - - - 1949  
 Osborn, Rowen Frederic, B.A. - - - - 1947  
 Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911) - - - - 1912  
 Osborn, Thomas Raymond, B.Sc. - - - - 1942  
 Osborne, Dennis James, B.Ec. - - - - 1959  
 Osborne-White, Douglas Arthur, B.E. - - - - 1952  
 Osborne-White, William Sidney, B.Sc. - - - - 1956  
 †O'Shea, John Martin, B.Sc. - - - - 1961  
 Osman, Boris, B.E. - - - - 1940  
 Osman, Neile, M.A. (B.A., 1942) - - - - 1945  
 Osmond, Phyllis Dawn, B.A. - - - - 1949  
 O'Sullivan, James David, LL.B. - - - - 1949  
 O'Sullivan, John Joseph, B.A. - - - - 1953  
 Oswald, Peter James, B.Tech. - - - - 1958  
 Othams, Dorothy Elizabeth, B.A. - - - - 1925  
 Othams, Herbert Reginald, B.A. - - - - 1937  
 †Ottens, Graham John, B.Sc. - - - - 1962  
 Otto, Lance Martin, B.E. - - - - 1954  
 Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.)), 1947, surrendered) - - - - 1948  
 †Owen, Donald Keith, B.Tech. - - - - 1960  
 Owen, Evan Thomas, M.B., B.S. - - - - 1956  
 Owen, Gwenyth Winsome, B.A. - - - - 1941  
 Owen, Indra Joshua, B.Ec. - - - - 1956  
 Owens, Arthur John, B.Sc. - - - - 1926

## P

Pacevicus, Stase, B.D.S. - - - - 1959  
 Packer, Arthur Dudley, M.Sc. (B.Sc., 1939) M.D. (M.B., B.S., 1942) - - - - 1951  
 Packer, John Stuart, B.E. - - - - 1953  
 Packer, (nee Kay), Lorimer Judith, B.D.S. - - - - 1959  
 Packer, Mina, B.D.S. - - - - 1933  
 †Packer, Roger Stanley, M.B., B.S. - - - - 1961  
 †Paddick, Anthony William, B.Sc. - - - - 1960  
 Padget, Jerry Maxwell, B.Tech. - - - - 1958  
 Padman, Clara Helen, B.A. - - - - 1904  
 Padman, Mabel Margaret, B.A. - - - - 1941  
 Padman, Marsden Waterhouse, B.E. - - - - 1923  
 Padman, Maurice Skipsey, B.A. - - - - 1931  
 Padman, William Donald, LL.B. - - - - 1933  
 Paech, Bernice Mary, B.A. - - - - 1950  
 Paech, Helen Joan, B.A. - - - - 1959

† Not yet Members of the Senate.

Paech, John Adolph, B.A.	1942	†Pascoe, Jeremy Lawrence, B.E.	1960
Page, Albert Edward, B.A.	1914	Pascoe, Pauline Ina, M.B., B.S.	1955
†Page, Anthony Edward, M.B., B.S.	1962	†Pascoe, Timothy Lawrence, B.E.	1962
Page, Dean Campbell, LL.B.	1954	Pash, Hannah June, M.B., B.S.	1946
Page, Eleanor Florence, B.A.	1940	Pash, Hannah Rita, B.A.	1930
Page, Geoffrey Wilton, B.D.S.	1940	Pash, Jeffrie Herbert, B.A.	1938
Page, Gertrude Erica, B.Sc.	1945	Pash, Spencer, M.Sc. (B.Sc., 1943)	1952
Page, Leland Ivor, M.B., B.S.	1952	†Passehl, Johann Heinrich, M.B., B.S.	1962
Page, Maurice Roy, B.E.	1950	†Passmore, John Roger, B.Sc.	1961
Page, Ronne Earle, B.A.	1949	†Patching, Allan Ralph, B.Sc.	1962
†Pahl, Paul David, B.A. (N.Z., 1941)	1943	Patching, Desmond William John, M.B., B.S.	1956
†Pahl, Peter John, B.Sc.	1962	Pater, Graham Stephen, B.D.S.	1951
Paholski, Francis Edmond, B.E.	1953	Paterson, Alexandra Jean, B.Sc.	1949
Paice, William Osborne, B.A.	1953	Paterson, Alfred Harold, B.A.	1937
Pain, Roy Willoughby, M.B., B.S.	1957	Paterson, Dennis Craig, M.B., B.S.	1954
Paine, Helen, B.A.	1938	Paterson, John Levett, B.E.	1950
Paine, Sir Herbert Kingsley, LL.B.	1904	Paterson, Keith McGregor, B.E.	1932
Paine, Janet, B.A.	1944	Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
Painter, Mary Galloway, Mus.Bac.	1952	Paterson, Robert George, B.A.	1958
Painter, Rowland George, B.A.	1934	Paterson, Ross, B.Sc.	1953
M.B., B.S.	1947	†Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1915
†Pakianathan, Samuel Wright, B.Sc.	1962	†Paton, Alfred Maurice, B.Sc.	1898
†Pak Poy, Patricia Geraldine, B.A.	1956	†Paton, Margaret Anne, B.A.	1954
†Pak Poy, Reginald Kenneth Felix, M.D. (M.B., B.S., 1955)	1960	†Paton, Robert, M.B., B.S.	1951
†Paley, Leslie Godell, Ph.D. (Iowa, 1955)	1959	†Patrick, Elsie Furneaux, Mus.Bac.	1925
†Pallant, Donald James, B.A.	1962	†Patterson, Conrad Brenton, B.A.	1961
Palm, Duncan Louis, B.E.	1952	†Patterson, John Howard, B.Sc.	1958
Palmer, Ernest William, LL.B.	1939	†Patterson, John Rayden, B.Sc.	1962
Palmer, Raymond Amos, B.E.	1953	†Patterson, Keith Raymond, LL.B.	1937
Palmer, Robert Hale, B.E.	1953	†Patterson, Neil William, B.E.	1961
Palmer, Thomas Robert, B.E.	1958	†Patterson, William Friedrich, B.E.	1934
Paltridge, Angus Lindsay, B.Ec.	1951	†Pattinson, Sir Baden Powell, LL.B.	1921
Paltridge, Richard Lee, B.Sc.	1959	†Patwardhan, Asha, M.B., B.S.	1961
Paltridge, Richard Noel, B.Sc.	1947	†Paul, David Brenton, B.Sc.	1961
Paltridge, Terence Brady, B.Sc.	1926	Paul, Kevin Carroll, B.Sc.	1935
†Panabokke, Christopher Rajendra, Ph.D.	1957	Paul, Alec Gordon, B.Sc.	1920
†Panikkar, Radhakrishnan Narayana, M.B., B.S.	1959	M.A. (B.A., 1926)	1932
†Pannell, Peter John, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1950	Paul, Colin Gordon, M.B., B.S.	1953
†Parbo, Arvi Hillar, B.E.	1956	Paul, Torrance Arnold, M.B., B.S.	1947
†Parham, Anthony Robert, M.B., B.S.	1954	Pavia, Roy Rowling, B.A.	1913
†Parham, Elizabeth Ann, B.A.	1950	†Pavillard, Robin Eugene, M.B., B.S. (London, 1957)	1960
†Parham, Geoffrey William, B.Ec.	1961	Pavy (nee Proud), Emily Dorothea, B.A.	1906
†Park, Ruth Allison, B.A.	1939	Pavy, Harold Keith, M.B., B.S.	1919
†Parker, Cecil David, B.Sc.	1932	Pavy, Ian Gordon, M.B., B.S.	1943
†Parker, George Lucas, B.E.	1948	Pavy, John Keith, M.B., B.S.	1952
†Parker, Graham Eric, LL.M. (LL.B., 1959)	1962	Pavy, Rosemary Dorothea, M.B., B.S.	1948
†Parker, Mina Evelyn, B.A.	1930	†Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1954
†Parker, Murray Harold, M.Sc. (B.Sc., 1950)	1952	†Paxon, Thomas Gordon, M.D. (London, 1956)	1961
†Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954)	1960	†Payne, Allan Barrie, B.Sc.	1961
†Parker, Ross Lloyd, B.E.	1957	Payne, George Basil, B.A.	1935
†Parkhill, Douglas Leonard, M.E. (M.A., Sc., British Columbia, 1938)	1962	Payne, Louise Mary Gwythyr, B.A.	1914
†Parkhouse, Devon, M.B., B.S.	1907	Paynter, Norman Catchlove, B.A.	1937
†Parkhouse, Thomas William, B.Sc.	1940	Peake, Noel Horace, M.B., B.S.	1954
†Parkin, Dorothy Joan, B.A.	1936	†Pearce, Alfred Moreton, B.A.	1951
†Parkin, Ian Andrew, B.Sc.	1961	†Pearce, Brian Godfrey, B.A.	1962
†Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938)	1949	†Pearce, Charles Clifton, B.A.	1938
†Parkinson, Kevin John, B.Sc.	1949	†Pearce, David Fraser, B.Tech.	1962
†Parks, Veronica June, M.B., B.S.	1958	†Pearce, Dennis Charles, LL.B.	1961
†Parr, Stanley Robert, B.Ec.	1957	†Pearce, Desmond Beresford Newman, B.Sc.	1951
†Parrott, Charles Philip, B.Tech.	1958	†Pearce, Helen Ruth, B.A.	1958
†Parry, Doris, B.A.	1931	†Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1955
†Parsons, Albert Christian, B.E.	1950	†Pearce, Trevor Sandison, B.Ag.Sc.	1953
†Parsons, Barbara, B.A.	1949	†Pearcy, Lyn Harley Draper, M.B., B.S.	1953
†Parsons, Colin, B.A.	1958	†Pearman, Reginald John, B.Sc.	1954
†Parsons, Denis, B.Tech.	1962	†Pearse, David Hiles, B.Tech.	1962
†Parsons, Geoffrey Bonythron Angas, M.A. (Cambridge, 1932)	1935	†Pearson, Halley James Crawford, B.A.	1944
†Parsons, Harold Stephen, Mus.Bac.	1912	†Pearson, Henry Gurner, B.Tech.	1959
†Parsons, Ian Ross McKenzie, B.Med.Sc.	1958	†Pearson, Leslie Allan, B.Tech.	1962
†Parsons, Peter Angas, B.Ag.Sc.	1955	†Pearson, Leslie Norman, B.A.	1941
†Parsons, Philip Brendon Angas, LL.B.	1928	†Pearson, Thomas Pickering, B.Tech.	1959
†Parsons, Ralph Whaddon, B.E.	1948	†Pech, Herman, B.A.	1947
*Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926	†Pech, Rufus, B.A.	1947
†Parsons, Robert Allan, B.Sc.	1962	†Pedder, Leith Hubert, B.Sc.	1960
†Parsons, Robert Frederick, B.Sc.	1961	†Pederson, David George, B.Sc.	1962
†Parsons, Ronald Lewis, B.E.	1942	†Pedler, John Meavious, M.B., B.S.	1935
†Parsons, William Ross, B.A.	1948	†Pellow, Clarice, B.Sc.	1942
†Parton, Arthur Leigh, M.B., B.S.	1944	†Feirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947
†Partridge, Judith Lois Mary, B.A.	1958	†Feirce, Reginald Frank, B.A.	1938
†Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	1947	†Feirson, Clive Graham, B.Ec.	1960
†Pascoe, Douglas Everett, B.Ec.	1948	†Fellow, Dorothy Elaine, LL.B.	1960
		†Fellow, Henry Edwin, M.B., B.S.	1924
		†Fellow, Janie Christobel, B.D.S.	1932
		†Fellow, Lancelot Vivian, LL.B.	1922

\* Deceased.

† Not yet Members of the Senate.

Pellow, Leonard James Ternouth, M.B., B.S.	1932
Pellow, Richard Alfred Amyas, M.B., B.S.	1934
Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942
†Pelz, Ines Charlotte, B.A.	1960
†Penery, Donald Vivian, B.Tech.	1961
Pengelley, John Michael, B.E.C.	1952
Pengilly, Clifford Kipling, B.E.	1930
Penglase, Dean Trestrail, B.E.	1951
Penman, Thomas Oliver, Ph.D. (B.E. (B.Sc. (Eng.), London, 1948), 1956)	1962
Penn, John Halbert, B.E.	1953
†Pennicott, Margaret Mary, B.A.	1961
Pennington, Beryl, B.A.	1942
Penna, Elwyn Dunstan, B.A.	1952
Penny, David Harry, M.Ec. (B.Ec., 1952)	1958
Penny, Harold John, M.B., B.S.	1913
Penny, Hubert Harry, M.A. (B.A., 1926)	1932
Penny, John Philip, M.Sc. (B.Sc., 1958)	1961
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1959
Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1923
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1935
Pereira, John Evelyn De Haan, B.A.	1945
Perkins, Brian Randall, B.Sc.	1955
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1943
Perkins, Marie Pauline, B.A.	1949
Perrett, Lance Victor, M.B., B.S.	1952
†Perriam, Donald John, B.Med.Sc.	1962
Perry, Audrey Vivienne, LL.B.	1949
Perry, Dulcie May, B.A.	1939
Perry, John William, LL.B.	1959
Perry, Rayden Alfred, M.Sc. (B.Sc., 1947)	1956
Perry, Robert George, B.E.	1956
†Pertl, Joseph, LL.B.	1961
Peter, Beth Ellen, B.Sc.	1957
†Peter, Phyllis Grace, B.A.	1960
Peters, Brian Harry, M.B., B.S.	1948
Peters, Geoffrey Ernest, B.A. M.B., B.S.	1925
†Peters, Geoffrey John, M.B., B.S.	1967
Peters, George Francis, B.Sc.	1948
Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1960
Peters, John Irwin, B.E.	1959
Peterson, Jean Clarice, B.A.	1940
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1939
Petrie, Enid Beatrice, Mus.Bac.	1935
Petrikas, Elvira, M.B., B.S.	1958
Pettit, Garth Derwood, B.D.S.	1953
†Pettit, Janet Ann, B.A.	1961
†Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1954
Pfeiffer, Edgar Reginald, B.Sc.	1953
Pfeiffer, Gordon James, B.D.S.	1949
Pfeiffer, Norman, B.A.	1938
†Pfitzner, David Roy, B.Sc.	1960
†Pfitzner, Eric Norman, M.A. (B.A., 1930)	1933
†Pfitzner, Leo Wilkin, B.E.	1953
†Pfitzner, Murray Ackland, M.B., B.S.	1953
†Pfitzner, Paul, B.D.S.	1961
†Pfitzner, Victor Carl, B.A.	1958
Phillipps, Herbert Tarlton, B.Sc.	1905
Phillipps, Keith Herbert, B.E.	1951
Phillips, Alan Dunstan, M.B., B.S. B.Sc.	1947
Phillips, Albert Maurice, B.E.	1941
Phillips, Basil Wright, B.D.S.	1950
†Phillips, Brian Douglas, B.Sc.	1961
†Phillips, Brian John, B.E.	1960
Phillips, Charles Leslie, B.D.S.	1926
Phillips, Colin William, M.B., B.S.	1951
Phillips, Gordon Gilbert, B.A.	1940
Phillips, James Henry, B.E.	1948
Phillips, James Howard, B.Sc.	1902
†Phillips, John Townley, B.E.	1962
†Phillips, Malcolm John, B.Tech.	1960
Phillips, Muriel Edith, B.A.	1935
Phillips, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Phillips, Murray Thomas, B.E.	1947
Phillips, Pamela Rosemary, M.B., B.S.	1951
Phillips, Ronald Mervyn, B.A.	1951
Phillips, Walter Wynne, B.A.	1958
Phillips, William James Ellery, M.B., B.S.	1915
Phillips, William John, B.A.	1959
Phillipson, Coleman, LL.D. (Manchester, 1908)	1920
†Pickering, Eric, B.A.	1960
†Pickering, Geoffrey Gilmore, B.E.	1961
†Pickering, Ronald Franklin, B.Sc.	1946
†Pickering, Trevor George, M.B., B.S.	1958
†Pierce, James John Carley, B.Ec.	1962
Pierson, Robert Arthur, B.A.	1954
Pietsch, Clemens Henry, M.B., B.S.	1945
Pike, Colin Edwin, LL.B.	1954
Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957
Pike, Geoffrey Howard, M.B., B.S.	1953
Pile, Kenneth Charles, B.E.	1949
Pilgrim, Alan Flinders, B.Sc.	1936
Pillai, Kotha Kanthimathy, M.B., B.S.	1953
Pillay, Elagu Sithampara, M.B., B.S.	1954
Pilton, Phyllis Evelyn, B.Sc.	1955
Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942
°Piper, Cyril Thomas, M.B., B.S.	1924
Piper, Flora Elizabeth, B.A.	1924
Piper, Herbert Walter, D.Litt. (B.A., 1938)	1961
Pirotta, Thomas, M.B., B.S.	1955
Pitcher, Cyril Frederick, M.B., B.S.	1911
Pitcher, Maurice Knight, B.Sc.	1925
Pitcher, Russell Barton, M.B., B.S.	1948
†Pitcher, Wendy Lois, B.A.	1961
†Pitcher, William Bonython, B.Sc.	1945
†Pitton, Leon, M.B., B.S.	1960
Pitman, Beresford Ernest, B.Sc. B.A.	1945
Pitt, George Henry, B.A.	1920
Pitt, Marjorie Una, B.Sc.	1925
Place, Ullin Thomas, M.A. (Oxford, 1949)	1953
Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937
Platt, John Talbot, B.A.	1951
Platten, Newell James, B.E.	1951
†Platts, John Charles, B.Tech.	1961
Playford, John Drysdale, B.A.	1959
Playford, Malcolm Noel, LL.B.	1937
Playford, Margaret Claire, M.B., B.S.	1955
Plimmer, Geith Alfred, B.A.	1930
Plueckhahn, Vernon Douglas, M.D. (M.B., B.S., 1949)	1961
Plummer, Alexander Philip, B.D.S.	1941
Plummer, Reg Garnet, M.B., B.S.	1906
Plummer, Rex Grose, M.B., B.S.	1937
°Plummer, Violet May, B.Sc. M.B. (Melbourne, 1897)	1893
Plummer, Violet Myrtle, M.B., B.S.	1897
Plunkett, Norman Ambrose, B.E.	1932
Plush, Donald Seward, B.Ag.Sc.	1926
Pobjoy, Alice Blake, B.A.	1948
Pocius, Martynas, B.E.	1918
Pocock, Edward Robert, M.A. (B.A., 1956)	1955
†Pocock, Kenneth John, B.Sc.	1958
Pohlman, William Frederick Claude, B.Sc.	1961
Poidevin, Leslie Oswyn Sheridan, M.D. (M.B., B.S., Sydney, 1938)	1926
Polasek, Metodey, B.Ec.	1960
†Polden, Marjorie Philippa, B.A.	1958
Pole, Audrey Elizabeth, B.A.	1962
Polglase, Norman, B.Sc.	1956
Polkinghorne, Graham Keith, B.E.	1947
Polkinghorne, Kate Elinor, B.A.	1954
Polkinghorne, Keith, B.A.	1931
Polkinghorne, Noel Francis, B.A.	1936
Pollnitz, Eunice Adah, B.A.	1934
Polomka, Simon Peter, B.Ag.Sc.	1938
Polson, Reginald Alexander, B.E.	1955
Pomroy, Alan Browning, B.E.	1929
Pomroy, Richard Osborne, B.E.	1938
Ponnja, Anthonipillai, B.E.	1926
Ponsford, Joan Helen, B.Sc.	1954
†Pontifex, Ian Russell, B.Sc.	1949
Poole, Frederick St. John, M.B., B.S.	1961
Poole, Gilbert Graham, B.Sc., B.E.	1909
Poole, Richard John, B.E.	1921
Pope, Geoffrey Weston, B.Sc.	1951
Pope, John Travers, B.E.	1951
Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1957
†Pope, Norman Hector, B.Tech.	1949
Pope, Peter Myles Burton, B.E.	1960
Porra, Robert John, B.Sc.	1949
Porter, Ailsa Rosemary, B.Sc.	1957
†Porter, Christopher Robert, B.Sc.	1955
†Porter, David James, LL.B.	1961
†Porter, David James, LL.B.	1961

° Deceased.

† Not yet Members of the Senate.



Ramsay, Alexander Maurice, B.Ec.	1941	Reilly, Philip Herbert, B.D.S.	1940
† Ramsay, George Caird, B.Sc.	1960	Reilly, Robert Neil, M.B., B.S.	1933
Ramsey, Alfred Maxwell, B.Ec.	1951	Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	1935
Ramsey, Gregor Allen, B.Sc.	1958	Reimann, Valesca Leonore Olive, M.A. (B.A., 1910)	1914
† Ramsey, Michael Campbell, B.Ag.Sc.	1961	Reiners, John Alexander, B.D.S.	1950
Rance, George Howe, B.Sc.	1935	Reinfelds, Juris, B.Sc.	1958
† Randall, Robert Bond, B.Tech.	1961	† Reinfelds, Gundega, B.Sc.	1961
Randell, Allan Elliott, M.B., B.S. (M.B., Ch.B., Melbourne, 1897)	1937	† Reinpuu, Willi, B.Tech.	1962
Randell, William Richard, M.B., B.S.	1947	† Reintals, Voldemar, B.E.	1960
Randle, Alexander Miller, B.Sc.	1951	Reisonas, Irvs John, B.E.	1957
† Randles, John Wesley, B.Ag.Sc.	1961	Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902
† Randa, Oswald, B.Tech.	1961	Remilton, John Robert, M.B., B.S.	1953
Rankin, Mervyn Alexander, M.Sc. (B.Sc., 1927)	1931	Rendell, Alan, B.A.	1930
Rankine, Alexander Mackenzie, M.B., B.S.	1952	† Rendell, Anthony Alan, B.A.	1962
Rankine, Bryce Crossley, M.Sc. (B.Sc., 1945)	1953	Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952
Rao, Velamuri Raghavendra, Ph.D.	1956	Renfrey, Arthur William, B.Ec.	1959
Rasch, John, B.E.	1952	Renfrey, Lionel Edward William, B.A.	1938
Rasch, Marjorie, B.Sc.	1956	Reni, Bruno, M.B., B.S.	1956
Rasheed, Kenneth Michael, B.E.	1955	Renner, Johannes Theodore Erich, B.A.	1950
† Rathjen, Anthony John, B.Ag.Sc.	1962	Renney, John Thomas Goodchild, M.B., B.S.	1955
† Rathmann, Leonard Herbert, B.E.	1961	Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919
† Rattigan, John Herbert, M.Sc. (B.Sc., 1948)	1955	Retallack, Alan John, B.E.	1955
† Rattray, Charles McNab Iverson, B.Sc.	1962	Retallack, Bruce James, B.A. (B.Sc.)	1939
† Ratz, Alfred Egon, B.A.	1961	Reuter, Colin Albert, B.D.S.	1955
† Raud, Rasmus, B.Tech.	1958	Reynolds, Beatrice Mary Heywood, B.A.	1924
Raupach, Maxwell, M.Sc. (B.Sc., 1945)	1954	Reynolds, Bevan William, B.D.S.	1959
Rawat, Rishi Ram, Ph.D.	1958	Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958
† Rawnsley, Stella, B.A.	1960	Reynolds, Howard, B.Sc.	1950
† Rawolle, Keith Charles, B.Sc.	1961	Reynolds, James Alan, B.E.	1953
Ray, Angus Charles, LL.B.	1943	Reynolds, John Heywood, B.A.	1928
Ray, John, M.B., B.S.	1936	Reynolds, Lilo, B.A.	1948
Ray, William Robert, B.A.	1933	Reynolds, Maxwell Andrew, B.Sc.	1951
Ray, Walter Vernon, LL.B.	1907	Reynolds, Maxwell Stanley, B.A.	1948
† Rayner, Colin Robert, B.Ec.	1960	Rhodes, Gwendoline Maude, LL.B.	1939
Rayner, George Percival, B.A.	1920	† Rhodes, Lawry James, B.Tech.	1962
Rayner, William Henry, B.A.	1907	Rhymer, Lorna May, B.A.	1957
† Read, Anthony Llewellyn, B.E.	1961	Rice, Brian George, B.Sc.	1954
Read, Clarence Percy, B.A.	1959	Rice, John David, M.B., B.S.	1930
† Read, Frances Margaret, B.Sc.	1961	† Rice, John Peter, M.B., B.S.	1961
Read, John Herbert, B.A.	1949	Rice, Lawrence John, M.B., B.S.	1948
Read, Norman George, M.Sc. (B.Sc., 1943)	1945	Rice, Michael Scollin, M.B., B.S.	1959
Read, Peter John, B.Ec.	1959	Rice, Phillip John, LL.B.	1951
Read, Philip Andreas, B.A.	1930	* Rice, Therese Marie, M.A. (B.A., 1942)	1947
Reade, Peter Clarence, B.D.S.	1952	Rice, Vincent de Paul Lawrence, M.B., B.S.	1933
Reardon, Mary Dulcie, B.A.	1952	Rice, William Mitton, B.E.	1953
† Rechner, Russell Jay, B.Ec.	1961	Riceman, David Stirling, D.Sc., (M.Sc., 1947)	1959
Redden, Martin Philip, B.A.	1933	Richards, Archibald Charles, M.A. (B.A., 1922)	1927
Redin, Lewis Charles, B.A.	1956	Richards, Brian Gordon, B.E.	1956
Redman, James Johnston, LL.B.	1935	Richards, Bruce Leslie, B.Tech.	1959
Redmond, John Bice, B.E.	1946	Richards, Cecil Albert, M.A. (B.A., 1924)	1929
† Redpath, Lynda Rosamond, B.A.	1961	B.Sc.	1931
Redstone, Frank, B.A.	1957	Richards, Clarence, B.Sc. (M.B., B.S.)	1915
Redway, John Alfred George, B.E.	1955	† Richards, David John, B.Tech.	1961
Reed, Barbara, B.A.	1954	Richards, Dulley Lewis, LL.B.	1931
† Reed, Denis John, B.Tech.	1961	Richards, Eric Dean, M.B., B.S.	1951
Reed, Eileen Ruth Lathleen, B.Sc.	1919	Richards, Eva Gertrude, B.A.	1914
Reed, Sir Geoffrey Sandford, LL.B.	1913	Richards, Fred Kither, B.Ec.	1956
Reed, Margaret Doris, B.Sc.	1955	Richards, Sir Frederick William, LL.D. (London, 1896)	1897
Reed, Mary Ethel Hayter, M.B., B.S.	1924	Richards, Cordon Alfred, B.A.	1937
Reed, Robert David Geoffrey, B.E.	1950	Richards, James Ross, M.B., B.S.	1954
Reed, Thomas Thornton, M.A. (Melbourne, 1927)	1929	Richards, Kenneth Ross, B.Sc.	1948
D.Litt	1954	Richards, Maxwell John, M.B., B.S.	1954
† Reedman, Cole Warren, B.Ec.	1960	Richards, Ronald Roy, B.Ag.Sc.	1951
Rees, Harold Mitchell, M.B., B.S.	1924	Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951
Rees, John David, B.Sc.	1953	Richards, William Edward, B.A.	1932
Reeves, Edith Louie, B.A.	1945	† Richardson, Barry Gilbert, B.Ec.	1962
Reeves, Rupert Kirk, M.B., B.S.	1926	Richardson, John Milton, B.Ag.Sc.	1952
Rehn, Denzil Farnham, B.A.	1955	Richardson, John Patrick, M.B., B.S.	1952
Reichstein, Lance Eric Harold, B.E.	1922	Richardson, Middleton Bart, B.Sc.	1941
Reid, Arthur Douglas, M.B., B.S.	1924	Richardson, Patricia Sophia, M.B., B.S.	1937
† Reid, Bruce James, B.A.	1962	Richardson, Robert William, B.E.	1953
Reid, David Argyll Campbell, B.E.	1949	Richardson, Ruth Mary Desmond, B.A.	1954
Reid, Donald Peter, M.B., B.S.	1956	Richardson, Walter Murray, B.Sc.	1951
Reid, Douglas Rusk, B.Tech.	1959	† Richmond, James Malcolm, B.A.	1961
Reid, Elizabeth Ellen, B.A.	1933	Riddell, Frank Scoular, M.B., B.S.	1953
Reid, Gordon Stanley, Ph.D. (London, 1957)	1958	Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957
Reid, Gordon Stephen, B.A.	1954	Riedel, Felix Daniel, B.A.	1950
Reid, John Douglas, M.B., B.S.	1954	Riedel, Melita Wanda, Mus.Bac.	1920
Reid, John Graham, M.B., B.S.	1954	Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952
Reid, Max Bertram, M.B., B.S.	1937		
Reid, Neville Collison, B.Ec.	1956		
Reid, Robert Leighton, M.A. (B.A., 1953)	1954		
Reid, Rose Treloar Wishart, M.D. (M.B., B.S., 1947)	1956		
Reid, William Lister, M.B., B.S.	1931		
Reilly, Patrick John, M.B., B.S.	1928		

\* Deceased.

† Not yet Members of the Senate.

Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919	Robinson, Marie Patricia, B.A.	1941
Rieger, Richard Anthony, M.B., B.S.	1956	Robinson, Mary Kelly, M.Sc. (B.Sc., 1947)	1951
Riggs, Noel Victor, B.Sc.	1942	Robinson, Michael Alexander, M.B., B.S.	1954
†Rigter, Gerard Theodore Joseph, B.A.	1960	Robinson, Michael Laurence, B.E.	1959
Riley, John, M.B., B.S.	1953	†Robinson, Philip Arthur, B.E.	1962
Riley, Mabel, B.A.	1908	†Robinson, Reginald Ray, B.Tech.	1960
Rimes, Garnet Dean, B.Sc.	1950	†Robinson, Warwick Bruce, B.Sc.	1962
†Rimner, David Barry, B.E.	1961	Robjohns, Henry Colin, M.B., B.S.	1932
Rinfret, The Right Honourable Thibaudeau, P.C., LL.D. (McGill)	1951	Robless, Cosmas Linus, B.Ec.	1958
Rippert, Reinhart, M.B., B.S.	1957	Robson, Hugh Norwood, M.B., B.S. (M.B., Ch.B., Edinburgh, 1941)	1962
†Risby, John Young, B.Ec.	1962	†Robson, Kenneth James, M.B., B.S.	1921
Rischbieth, Henry George, M.B., B.S.	1942	Rochlin, Aaron, LL.B.	1928
Rischbieth, John Ross, B.Sc.	1937	Rochlin, Elijah, LL.B.	1958
Rischbieth, Oswald Henry Theodore, B.A.	1909	Rochow, Keith Arnold, B.Sc.	1951
Rischbieth, Richard Harold Charles, M.B., B.S.	1951	Rodbourne, Arthur, B.Ec.	1945
Risely, Barrie Grenville, B.Sc.	1956	Rodda, Harold James, M.Sc. (B.Sc., 1941)	1951
†Risely, Dennis John, B.Sc.	1962	Roder, John Herbert, M.A. (B.A., 1950), LL.B.	1951
Ritenis, Indulis, M.B., B.S.	1955	Rodger, Geoffrey James, B.Sc.	1915
†Ritson, Robert John, M.B., B.S.	1962	Rodger, John Geoffrey, B.E.	1953
Rix, Areta, B.A.	1938	Rodgers, Frances Ada, B.A.	1928
Roach, Desmond Michael, B.E.	1952	Rodgers, William Orril, M.B., B.S.	1959
Roach, John Carlyle, B.E.	1921	Roe, Ernest, M.A. (Oxford, 1946)	1960
†Roach, John Robert, B.E.	1960	Roe, Geoffrey Palmer, B.Ag.Sc.	1951
Roark, Bruce Archibald, Ph.D.	1956	Roehrs, Herma Erika, B.A.	1945
Robbins, Thomas Fellows, B.E.	1940	†Roessler, Leon William, B.Sc.	1961
Robert, Douglas Bower, B.Sc.	1942	Rofe, Bryan, B.Sc.	1939
Roberts, Arthur Bruce, LL.B.	1922	Rofe, Rodney Broughton, B.Ec.	1956
Roberts, David Pearson, B.Sc. (Eng.)	1947	Rogasch, Peter Edwin, M.Sc. (B.Sc., 1954)	1957
†Roberts, Ernest Albert Kevin, B.A.	1962	Rogers, Anthony Howard, M.Sc. (B.Sc., 1957)	1961
Roberts, Ivor Charles, M.B., B.S.	1952	Rogers, Charles Malcolm, B.E.	1939
Roberts, Jennefer Mary, B.A.	1959	†Rogers, Geoffrey Francis, M.B., B.S.	1962
Roberts, Jillien Mary, LL.B.	1949	Rogers, Ian Frederick, B.D.S.	1951
Roberts, John Barry, B.Sc.	1957	Rogers, Ian Stansfield, B.Ag.Sc.	1958
Roberts, John Desmond, B.A.	1953	Rogers, Irene Blanche, M.A. (B.A., 1926)	1932
Roberts, Joseph Armistice, M.B., B.S.	1950	†Rogers, James Keith, B.Sc.	1962
Roberts, Nancy Mowbray, B.A.	1947	†Rogers, Jeffrey Noble, B.Ec.	1960
†Roberts, Peter Michael, B.E.	1962	Rogers, John Andrew, M.B., B.S.	1952
Roberts, Richard Leslie, B.E.	1953	†Rogers, Kerry Llewellyn, B.E.	1962
Roberts, Robin Lea, B.A.	1939	†Rogers, Kevin Clive, LL.B.	1962
B.Ec.	1956	†Rogers, Lesley Patricia, B.A.	1961
†Roberts, Ronald Sydney George, B.Tech.	1961	Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	1925
Roberts, Roy, B.A.	1956	Rogers, Ruth Nellie, B.A.	1955
Roberts, Sheila Margaret, B.A.	1959	Rogers, Theodore Stansfield, B.E.	1928
Robertson, Alfred Bentley, B.E.	1942	Rogers, Warren McIntosh, LL.B.	1958
Robertson, Allison Alexander, B.E.	1952	B.Ec.	1959
†Robertson, Andrew Derek, B.D.S.	1961	Rogers, William Percy, Ph.D. (London)	1952
Robertson, Anthony Oliver, M.B., B.S.	1956	†Rohrlach, Neville Crawford, B.Tech.	1962
Robertson, Betty Ann Fotheringham, B.A.	1948	Rolland, James Alexander, M.B., B.S.	1917
Robertson, Christopher Lumley, M.B., B.S.	1957	Rolland, James Alexander Bryan, M.B., B.S.	1943
Robertson, Clara Enid, B.A.	1929	Rolland, William Maitland, B.A.	1936
Robertson, Colin Frank, M.B., B.S.	1954	Rollison, John William, M.B., B.S.	1925
Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954	†Roman, Desmond, B.Med.Sc.	1962
Robertson, Donald Alexander, LL.B.	1934	Ronai, Tibor, M.B., B.S.	1948
Robertson, Gwendoline Katherine, B.Sc.	1948	Ronald, Ian Douglas, B.D.S.	1950
Robertson, Hall, B.E.	1948	Rook, Kevin Maxwell, B.Sc.	1947
Robertson, Ian Robert, B.E.	1948	Rooney, Clifford, B.Sc.	1929
Robertson, Iris Esther, M.A. (B.A., 1923)	1925	Rooney, Gwenyth Minnie, B.A.	1934
Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950	Rooney, Lois Josephine, B.A.	1945
†Robertson, Janet Marian, B.A.	1960	Rooney, Marjorie Winnifred, B.A.	1949
†Robertson, John Charles, B.E.	1960	†Rooney, Meredith Jean, B.A.	1961
Robertson, Kenneth Alexander, B.A.	1954	Roper, Robert George, B.Sc.	1957
Robertson, Kenneth James, M.D.S. (B.D.S., 1940)	1953	Rose, Cathrine Margaret, B.A.	1957
Robertson, Leon Medley, B.E.	1951	Rose, Gordon Albert, B.E.	1951
Robertson, Margaret Jenn, B.A.	1956	Rosenberg, Mendel Wolf, M.B., B.S.	1942
Robertson, Nancy Douglas, B.Sc.	1945	Rosenhain, Geoffrey, M.A. (B.A., 1941)	1950
†Robertson, Robert Malcolm, B.Ec.	1962	Rosenstein, Nicholas Felix, M.B., B.S.	1956
Robertson, Ronald Peter, M.B., B.S.	1945	Rosman, Frank Edgar, B.Sc.	1908
Robertson, Sydney Clifford, B.Sc.	1922	Ross, Alexander David, D.Sc. (Glasgow)	1926
M.E. (B.E., 1924)	1935	Ross, Dudley Bruce, LL.B.	1914
Robertson, Thorburn Stirling Brailsford, B.Sc. M.B., B.S.	1948	Ross, Maxwell Alexander, B.Ag.Sc.	1959
Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1953	Ross, Nadeen Adoree, B.A.	1951
Robertson, William Roy, B.E.	1959	Ross, Sydney George Frederick, B.E.	1949
Robin, Angus Geoffrey, B.Sc.	1952	†Ross, Robert Henry, M.B., B.S.	1962
†Robin, David Rex, B.Tech.	1960	Ross, William Alexander, LL.B.	1947
Robin, Philip Wendover, B.E.	1959	Rossiter, James Leonard, M.A. (B.A., 1910)	1912
Robinson, Arthur James, B.E. (Melbourne, 1929)	1937	Rounsvell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Robinson, Donald Neile, M.B., B.S.	1948	Routley, Peter Herbert, B.A.	1959
Robinson, Edgar, LL.B.	1912	Rowe, Albert Percival, B.Sc. (London, 1922)	1948
Robinson, Edwin George, M.Sc. (B.Sc., 1941)	1947	Rowe, Allan Gordon, M.B., B.S.	1942
Robinson, John Walton, B.E.	1957	Rowe, Colin Davies, LL.B.	1934
Robinson, Laurence Charles, M.Sc.	1959	†Rowe, Colin Trevor, B.Ec.	1960
		†Rowe, Eric Nielsen, B.E.	1960
		†Rowe, Ernest John, B.Ec.	1962
		Rowe, Ernest Thomas, B.Sc.	1920

† Not yet Members of the Senate.

Rowe, Fletcher David, M.B., B.S.	1945	Sanders, Harold William, B.A.	1912
Rowe, George Eddy, B.Ec.	1956	Sanders, Irma Mary, B.A.	1943
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered)	1949	Sanders, John Veysey, B.Sc.	1944
Rowe, Ronald, M.B., B.S.	1954	Sanders, Mostyn Clifford, B.Sc.	1944
Rowe, Stanley Edgar, B.Sc.	1950	Sanders, Robert William, B.E.	1948
Rowe, Trevor John, B.A.	1962	Sanderson, John Gavin, M.Sc. (B.Sc., 1950)	1958
Rowe, William Vivian, M.B., B.S.	1948	Sanderson, Kenneth Villiers, M.B., B.S.	1943
Rowell, Keith Addison, B.E.	1933	Sanderson, Peter James, B.Sc.	1961
Rowland, John Howard, LL.B.	1937	Sanderson, Peter Robin, B.E.	1952
Rowlands, Edward John, B.Sc.	1948	Sandery, Charles Arthur, LL.B.	1921
Rowley, Rex Cameron, B.Sc.	1951	Sandford, Alastair Wallace, M.A. (Oxford, 1937)	1948
Roy, Alexander Bilton, D.Sc. (Edinburgh, 1957)	1960	Sandford, Robert Max, B.Sc.	1943
Roy, Bimal Chandra, B.D.S.	1956	Sandison, Alexander, M.B. (Edinburgh, 1906)	1906
†Royal, Donald Norman, B.E.	1962	Sandison, Alexander Geoffrey, M.B., B.S.	1956
†Rozenbills, Jeff Girts, M.B., B.S.	1960	†Sandhu, Ajeet Kaur, M.B., B.S.	1961
†Rozenbills, Maris Atis Michael, M.B., B.S.	1961	Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
†Rudd, Daryl Arthur, B.Sc.	1961	†Sando, Brian Gordon, M.B., B.S.	1961
†Rudd, Douglas John, B.E.	1961	Sando, Clarice Melva, B.A.	1955
Rudd, Eric Aroha, B.Sc.	1930	†Sando, Colin Joseph, B.Tech.	1961
Rudd, Kenneth Clive, B.A.	1947	†Sando, Eric John, M.B., B.S.	1962
Rude, George Frederick Elliot, Ph.D. (London, 1950)	1961	Sando, Maurice James Wilson, M.B., B.S.	1953
Rudrum, Alan William, B.A. (London, 1954)	1959	Sandover, William Ewan, M.B., B.S.	1951
Ruediger, Malcolm Milton, B.A.	1954	Sandow, Richard Henry, B.D.S.	1951
Rumball, Bruce Lansley, B. Tech.	1958	Sands, Desmond Montague Willington, B.D.S.	1934
†Rumpff, Sally Anne, B.A.	1962	Sangster, Alexander Keith, LL.B.	1934
†Rush, Gillian Mary, M.B., B.S.	1960	Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	1941
Russell, Albert William, M.B., B.S.	1949	Sangster, David Flower, B.Sc.	1945
†Russell, Alexander Richard, B.Tech.	1961	Sangster, John William, M.B., B.S.	1939
Russell, Alfred Burgess, M.B., B.S.	1919	Sansom, Joyce Mary, Mus.Bac.	1947
Russell, Eric Alfred, B.Ec. (B.Com., Melbourne, 1943)	1954	†Sarah, Neil, B.Ec.	1961
Russell, Ernest Albert Harold, M.B., B.S.	1911	Sargent, Rex James, M.B., B.S.	1929
Russell, Ernest Alfred David, M.B., B.S.	1949	Sargeson, Alan McLeod, B.Sc. (Sydney, 1952)	1957
Russell, Frank Henderson, B.E.	1950	Sarre, Malcolm Glen, M.B., B.S.	1945
Russell, Janet Barbara, M.B., B.S.	1947	Sarre, Vera Georgina, B.A.	1917
Russell, John Samuel, B.Ag.Sc.	1948	Sarre, Winifred Grace, B.A.	1953
†Russell, John Victor, B.Arch.	1961	Sasse, Hans Christopher, M.A. (B.A., 1957)	1960
Russell, Robert Alfred, M.B., B.S.	1943	Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953)	1957
Russell, Ronald Edyvane, M.B., B.S.	1946	†Sastradipradja, Sastyatmodjo, B.E.	1962
Russell, Ronald Thomas, B.Sc.	1957	Sauer, Henri Hugo Albert, M.B., B.S.	1952
Russell, Walter Alfred, M.B., B.S.	1935	Saulite, Elfrida, B.D.S.	1952
†Ruthven, Walter John, M.B., B.S.	1962	Saunders, Bryan Gordon Reginald, M.A.	1961
†Ruthven, Max Graham, B.Sc.	1961	†Saunders, Elizabeth Stuart, M.B., B.S.	1960
Rutter, John Lyall, M.B., B.S.	1958	Saunders, Graham Edward, B.A.	1959
Ryan, Edward Clifford Lee, M.B., B.S.	1935	Saunders, John Milton, M.B., B.S.	1952
Ryan, Gerald Anthony, M.B., B.S.	1959	Saunders, Pepita Cerda, LL.B.	1925
Ryan (nee Rank), Gladwyn Ruth, B.A.	1933	Savage, Arthur Charles, M.B., B.S.	1928
Ryan, John William, B.Ag.Sc.	1950	Savage, Charles Arthur, B.A.	1954
Ryan, Maurice John, B.Ec.	1958	Savage, Joseph Patrick, M.S. (M.B., B.S., 1954)	1962
Ryan, Michael Rupert, B.A.	1939	Sawers, Donald Alexander, B.Sc. (Eng.)	1942
Ryan, Naomi Rosslyn, M.B., B.S.	1940	Sawers, Ronald John, M.B., B.S.	1942
Ryan, Sydney Lawrence, B.A.	1956	Sawicki, Thaddeus John, M.B., B.S.	1958
Ryan, Victor Lloyd Percival, LL.B.	1938	Sawley, Darrell Frederick, B.Sc.	1929
Rymill, Frances Cairns, B.A.	1936	Sawley, Jennifer Ann, B.A.	1959
S			
Sabaratnam, Jegathesan, M.B., B.S.	1957	†Scales, Peter James, B.E.	1961
Sabel, John Adolph, B.A.	1959	Scales, William Arthur, LL.B.	1930
Sabolich, Thomas Matthew, B.E.	1952	Scarborough, Eric Charlton, B.E.	1951
Sacharias-Saarelinn, Nina, M.B., B.S.	1957	Scarborough, Lincoln John, B.Tech.	1959
Saddler, Bruce Alder, B.E.	1931	Scarce, John Desmond, B.E.	1957
Sag, Andrew Gabriel, B.E.	1959	Scarfe, Elwyn Bewell, LL.B.	1940
†Sag, Thomas William, B.Sc.	1961	Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Sage, Harold Robert, B.A.	1953	Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926)	1934
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948)	1951	†Scarman, Ian Edwin, B.Ec.	1960
Sainsbury, Robert William James, B.E.	1951	Schache, Alma Olga Antonia, B.A.	1909
Saksena, Hari Krishna, Ph.D.	1953	Schaefer, Ronald, M.B., B.S.	1956
†Sallis, Brian Leonard, B.Ec.	1962	Schaefer, Carl Hannaford, M.B., B.S.	1919
Sallis, John Dalwood, B.Sc.	1958	Schafer, Helene Judith, B.Sc.	1957
†Sallis, Margaret Elsie, B.A.	1961	Schafer, Max Ernest Hannaford, B.D.S.	1923
Salter, Douglas Munro, M.B., B.S.	1926	Schild, Maurice Edmund, B.A.	1958
Salter, William Fulton, M.B., B.S.	1936	Schirmer, Gerhart Percy, B.Ec.	1951
†Salveson, Donald Gordon, B.Tech.	1960	Schmid, Laurence John, B.E.	1959
Samaha, Tonia Samuel, M.B., B.S.	1954	Schmidt, Lewis Walter, B.Sc.	1940
Samcewicz, Zdzislaw Ryszard, B.E.	1955	†Schmidt, Raymond Kevin, B.A.	1962
Samelowitz, Neil, M.B., B.S.	1950	Schneider, Michael, M.B., B.S.	1962
Sampson, Dulcie Joyce, Mus.Bac.	1938	Schneider, Michael Philip, B.A.	1955
Sampson, John Coffey, B.D.S.	1951	Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	1948
Samuel, Geoffrey, M.Sc. (B.Sc., 1921)	1926	Schneider, Walter Herman, M.E. (B.E., 1920)	1945
Samuel, Helen Josephine, B.A.	1939	Schneider, Wilfred, B.E.	1932
Sandeman, Ronald John, B.Sc.	1951	Schneider, Wilfred Carl, M.A. (B.A., 1929)	1932
Sandercock, Alfred Mervyn, B.A.	1936	†Schodde, Peter, B.Sc.	1960
†Sandercock, Edward Robert, B.Sc.	1960	Schodde, Richard, B.Sc.	1959
Sandercock, Rex Glynde, B.Sc. (Eng.)	1943	†Schoff, Richard Frederick, B.Tech.	1962
Sanders, Grace Annie, B.A.	1920		

† Not yet Members of the Senate.

Scholar, Ernest, B.A.	1941	Semmler, Clement William, M.A. (B.A., 1936)	1938
†Scholefield, Judith Ellen, B.A.	1962	Semple, Kenneth Hugh, B.A.	1950
†Scholz, William Herbert, M.B., B.S.	1954	Senior, Judith Rae, B.Sc.	1955
†Schomburgk, Ian Charles, B.Tech.	1962	Senior, Lionel Rupert, B.Sc.	1929
†Schomburgk, Pauline Elizabeth, B.A.	1961	B.A.	1947
†Schroder, Ernest William, B.E.	1955	Senior, Rex Clifton, M.B., B.S.	1952
†Schroder, Harold, B.E.	1961	†Seppelt, Brian Maxwell, B.Sc.	1960
†Schroder, Judith, B.Sc.	1950	Seppelt, Ian Howe, B.Sc.	1932
†Schroeder, James Alfred, B.Sc.	1961	Seppelt, Yvonne Granville, M.B., B.S.	1946
†Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1960	Sergeant, Maxwell Stuart, LL.B.	1934
†Schubert, Frank Helmut, B.A.	1934	†Seumahu, Eliza Stefanus, B.Tech.	1961
†Schubert, Heather Jean, B.A.	1962	Sexton, Edgar Raymond, B.A.	1931
†Schubert, Jane Helen, B.A.	1962	†Sexton, Dean Jefferies, B.Tech.	1960
Schudmak, Henry, M.B., B.S.	1949	†Sexton, Robert Raymond, B.Tech.	1961
Schuetz, Harold Edwin, B.A.	1953	Shakes, Brian Douglas, B.E.	1959
†Schuller, Wendy Margaret, B.Sc.	1960	Shakes, David James, M.B., B.S.	1955
Schultz, Gordon Ray, B.A.	1950	Shanahan, Margaret Carmel, B.A.	1956
†Schultz, Leslie John, B.Tech.	1962	Shanahan, Michael Francis, M.B., B.S.	1956
Schulz, Peter Kasimir, B.Sc.	1959	Shanahan, Patrick William, M.B., B.S.	1928
Schultz, Roydon Donald, B.Sc.	1954	Shannon, James Stanley, B.Sc.	1949
Schulz, Ernst Adolph, B.E.	1931	Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Schulz, Margaret Ruth, B.Sc.	1958	Shannon, Richard John, B.E.	1949
Schulz, Robert George, M.B., B.S.	1947	Shapley, William George, B.E.	1952
Schumacher, Colin Stephen, B.E.	1954	Sharley, Aubrey Neville, B.E.	1954
Schunke, Richard Hugh, B.Sc.	1959	Sharley, Elma May, B.A.	1937
Schuppan, Dene Thomas, B.Tech.	1959	Sharma, Romesh, M.B., B.S.	1954
Schutz, Raymond Alfred, B.E.	1949	Sharmat, Arthur Edward, B.E.	1926
Schwab, Gordon Ernest, B.Sc.	1950	Sharmat, Ethel Olive, B.A.	1915
Schwartz, Barry Walter, B.E.	1959	Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955
Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959	Sharp, Warren Player, B.Ec.	1954
Schwarz, Eugene Robertson, B.Sc.	1939	Sharpe, Edmund John, B.E.	1932
Schwarz, Philip John David, M.B., B.S.	1957	Shaw, Alice Mary Stockdale, B.A.	1929
Scobie, John Hedger, M.B., B.S.	1949	Shaw, Allan, B.E. (B.M.E. (New York), 1953)	1962
Scoble, Sidney John, B.A.	1936	Shaw, James Barry, B.Sc.	1904
Scollin, James, B.D.S.	1932	Shaw, Joan Hambly, B.A.	1947
Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928	Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933
Scott, Douglas Cussen, B.Sc.	1955	Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955
Scott, Jeffrey Frank, LL.B.	1949	Shaw, Peter John Randall, B.Sc.	1949
B.Ec.	1955	Shea, Brian Joseph, M.B., B.S.	1951
Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953	Sheard, Joan Philippa, B.A.	1955
†Scott, Nigel Steele, B.Ag.Sc.	1961	Shearer, Clifford George Trcega, B.A. B.Ec.	1931
†Scott, Philip Earle, B.E.	1954	Shearer, Harvey Albert, B.A.	1937
†Scott, Roland Alexander David Byron-, B.Sc.	1960	†Shearer, Ivan Anthony, LL.B.	1960
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1913	†Shearer, Peter Herbert, B.Tech.	1961
Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1955	Shearer, Robert Clifford, B.Ag.Sc.	1959
Seragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946)	1955	Shedley, Alfred Charles, B.Sc.	1919
Seragg, Walter Robert Lambert, B.A.	1950	Sheedy, Redmond Stuart Parnell, M.B., B.S.	1952
Scriven, Murray Walter, B.A.	1947	Shekleton, Peter Reginald, B.A.	1957
Scriven, Wilton Maxwell, B.Sc.	1953	Shephard, Stanley Maxwell, B.Sc.	1948
†Scroop, Garry Campbell, M.B., B.S.	1962	†Shepherd, Alan David, B.E.	1962
Scrymgeour, Peter Robert, B.E.	1956	Shepherd, David Wickham, M.B., B.S.	1938
Seaman, Gilbert Frederick, B.Ec.	1935	Shepherd, Elizabeth Miriam, B.A.	1947
Seaman, Keith Douglas, B.A.	1951	Shepherd, Geoffrey Lincoln, LL.B.	1930
LL.B.	1955	Shepherd, John Alfred, B.A.	1929
Seaman, Robert Scott, B.Sc.	1958	Shepherd, John Henry, B.A.	1935
Seamark, Robert Frederick, B.Ag.Sc.	1959	M.Sc. (B.Sc., 1942)	1947
Searle, Clifford Alfred James, B.A.	1937	†Shepherd, Kenneth John, B.E.	1961
Searle, Frederick John, B.A.	1902	Shepherd, Kenneth William, B.Ag.Sc.	1956
Searle, Hartley Malcolm, B.A.	1932	Shepherd, Peter Byron, M.B., B.S.	1957
B.Sc.	1935	Shepherd, Reginald George, B.Sc.	1953
†Searcy, Robert Philip, B.Ec.	1962	Shepherd, Scoresby Arthur, LL.B.	1958
Sears, Harold William, B.Sc.	1943	B.A.	1959
Searson, William George, B.E.	1953	Shepley, Arthur Raymond, B.Sc.	1923
†Seaton, Arthur John, B.E.	1960	B.E.	1924
†Secombe, Margaret Joyce, B.A.	1962	Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1956
Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1959	†Shepley, Kathryn Florence, B.Sc.	1960
Sedgwick, Antony William, B.A. (Birmingham, 1955)	1959	Shepley, Leslie Herbert Hamilton, LL.B.	1960
Secary, Keith John, B.Tech.	1958	†Sheppard, Graham Barry, B.Tech.	1962
Seedsman, Donald John, B.Sc.	1948	Sheppard, Mark Yeatman, M.B., B.S.	1942
Seedsman, Kenneth Reginald, B.Sc.	1951	Sheppard, Robert Alexander William, B.Sc.	1942
Seekamp, Jack Victor, B.Ag.Sc.	1942	†Sherwin, Carolyn Alice, B.Sc.	1961
†Seevaratnam, Joy Anandan, M.B., B.S.	1960	†Sherwin, Rolf Morton, B.Ec.	1960
Seglenieks, Zigurds, M.B., B.S.	1955	Shield, Judith Adelaide, B.A.	1948
Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1945	Shierlaw, Howard Alison, LL.B.	1902
Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1922	Shierlaw, Norman Craig, B.E.	1949
Seidler, Jan Hynek, M.Sc. (B.Sc., 1950)	1954	Shinkfield, Anthony James, B.A.	1955
Seith, Wolftram Immanuel, M.B., B.S.	1949	Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1953
Selge, Heather Bernice, B.A.	1959	Shinkfield, Marian Ruth, B.A.	1949
Sellers, Ada, B.A.	1928	Shinkfield, Roger John, B.E.	1954
Selth, Donald Victor, B.A.	1949	Shirpurkar, Gajanan Ramchandra, M.Sc.	1949
Selth, Geoffrey Poole, B.A.	1951	Short, David Charles, B.E.	1929
Semler, Clifford Gerhard, M.B., B.S.	1940	Short, David Weddell, M.B., B.S.	1956
†Semler, Janet Claire, B.Ec.	1961		1940
Semmens, Francis John, B.Sc.	1928		

† Not yet Members of the Senate.

Short, Kerwin Alfred Robert, B.E.	1927	Skuce, Beryl Marion Rebecca, B.A.	1934
Short (nee Stephens), Lillian Mary Theakstone, M.A. (B.A., 1907)	1938	Sladdin, John Naulty, M.B., B.S.	1953
Shortridge, Dennis Thorman, M.B., B.S.	1938	Slade, Antony Michael, M.A. (Bristol, 1961)	1952
Shrowder, Ronald Louis, B.A.	1940	Slade, John Harman, M.B., B.S.	1946
Shub, Samuel, M.B., B.S.	1953	Slade, Kathleen Nellie, B.A.	1942
Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895	†Slade, Phillip Garland, B.Sc.	1962
Shutt, Donald Allen, B.Sc.	1959	Slarks, Geoffrey Herbert, B.E.	1954
†Sibly, Murray Laurence, LL.B.	1961	Slater, Allan, B.E.	1953
†Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950	†Slater, John Mason, B.E.	1962
Sibthorpe, Gwennyth, M.B., B.S.	1946	Slattery, Francis James, B.E.	1952
Sidhu, Hareharan Singh, M.B., B.S.	1958	Slattery, Mary, B.A.	1931
Sieber, Clarence Bertram, B.E.	1926	Slaughter, Colin Sidney, B.E.	1954
Siebert, Brian David, B.Sc.	1959	Slaytor, William John Hayden, B.A.	1959
Segele, John Louis, B.Sc.	1945	Slee, Dugald Haughton, B.Sc.	1930
†Segele, Roger Brian, B.E.	1962	B.A.	1932
Segele, Trevor Martin, B.Ec.	1958	Slee, Graham Haughton, B.E.	1959
Siglin, Max, M.B., B.S.	1954	Slee, Ian Bruce, B.A.	1950
†Sigmont, Victor Charles, B.A.	1950	Slee, Walter Vernon, B.Sc.	1959
†Sikсна, Anis, B.E.	1960	Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915)	1927
†Siliakus, Hendricus Johannes, B.A. (Birmingham, 1954)	1960	Sleeman, William John, M.B., B.S.	1947
†Silbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958)	1959	†Sleigh, Robert Carl, B.Tech.	1960
†Silver, Graham Bindley, B.E.	1960	Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England)	1956
Silver, Harold, B.E.	1956	Slooman, Arthur Raymond, B.Sc.	1937
Silver, Meredith May, M.B., B.S.	1957	Smale, Thomas Charles, B.A.	1950
Silver, Malcolm David, M.B., B.S.	1957	Smallacombe, Roy Frederick, B.A.	1953
Silver, Phillip Laurence, B.E.	1957	Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951
†Sim, Cheok Lim, B.E.	1961	Smart, Lawrence Maxwell, B.D.S.	1950
†Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Smeaton, John Anthony, B.E.	1939
Simes, Irene Pamela, B.Sc.	1956	Smerdon, David Rutherford, B.D.S.	1951
†Simes, Robert Lawson, B.Tech.	1960	Smerdon, John Rutherford, B.D.S.	1946
Simm, John, B.E.	1956	Smbert, George James, M.B., B.S.	1954
Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948	Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904)	1934
Simmonds, Douglas Thomas, B.Tech.	1958	Smith, Adrian Milton, B.Ec.	1949
Simmonds (nee Cossich), Lorraine, B.A.	1957	Smith, Alfred Earle, LL.B.	1937
Simmonds, Rachel Elizabeth, B.A.	1948	Smith, Alick Hardy, B.A.	1948
†Simmonds, David Winston, LL.B.	1962	Smith, Aloysius Daly Virgilius, M.B., B.S.	1928
Simmons, Donald William, B.Ec.	1949	Smith, Annie Ethel, B.A.	1935
Simmons, Geoffery Clive, B.Sc.	1945	Smith, Barry Whitmore, B.A.	1956
Simmons, Marie Yvonne, B.A.	1952	Smith, Brian Arnold, B.E.	1940
†Simon, Robin Alfred, B.E.	1962	†Smith, Brian Ewan, B.E.	1962
Simons, Alfred, M.B., B.S.	1942	Smith, Brian Hartley, B.E.	1950
Simons, Arthur Nicholas, B.Sc. M.B., B.S.	1951	Smith, Cairns William Villeneuve, LL.B.	1951
†Simons, David Henry, B.Ag.Sc.	1960	Smith, Cecil Teesdale, M.A. (B.A., 1944)	1945
Simpson, Alfred Moxon, B.Sc.	1930	Smith, Cedric Alfred Neal, B.Ag.Sc.	1933
†Simpson, Brian Clifton, B.Sc.	1960	Smith, Daisy Maude, B.A.	1922
†Simpson, Donald Allen, M.B., B.S.	1949	†Smith, David Aitchison, B.Sc.	1961
†Simpson, Frederick William, M.B., B.S.	1934	Smith, David Carswell, B.A.	1931
†Simpson, Helen Edith, B.Sc.	1962	Smith, David Floyd, M.Ag.Sc. (B.Ag.Sc., 1951)	1961
†Simpson, Hugh Denney, B.Sc.	1920	Smith, David Gordon Law, M.B., B.S.	1953
B.A.	1921	Smith, David Nichol, D.Litt. (Camb.)	1951
Simpson, Penelope Margaret, B.Sc.	1949	Smith, Dene Martindale, B.D.S.	1955
†Simpson, Richard Charles Longrigg, B.Tech.	1962	†Smith, Denys Jeffery, B.Sc.	1962
†Simpson, Robert Allen, B.E.	1934	Smith, Donald Stevenson, M.B., B.S.	1957
Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1957	Smith (nee Gardner), Edith Josephine Viner, B.A.	1906
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948	Smith, Edward Mackie, B.E.	1939
Sims, Milton Reginald, B.D.S.	1950	Smith, Edward Rowland, B.Sc.	1942
Sims, Roxey, B.A.	1933	Smith, Ewart Austral, M.B., B.S.	1951
Sims, William George, B.Sc.	1957	Smith, Frank Berry, D.Sc. (B.Sc., 1903)	1937
Sinclair, Walter Gordon Clyde, B.Sc.	1923	Smith, Frank Stewart, M.B., B.S.	1956
Sinclair, William Malcolm, M.B., B.S.	1911	Smith, Gavin Viner, M.B., B.S.	1937
Sindhu, Santokh Singh, M.B., B.S.	1959	†Smith, George Maxwell, B.A.	1961
Singh, Amrao, B.E.	1958	Smith, Gordon Wearing, M.B., B.S.	1925
Singh, Narindar, M.B., B.S.	1958	†Smith, Grahame John Cooper, B.Sc.	1961
Singh, Prithvipall, M.B., B.S.	1958	†Smith, Graham Robert Hay, B.Tech.	1960
Singh, Rajendra, Ph.D.	1953	Smith, Harold Reid, LL.B.	1939
Singh, Rudra Pratap, Ph.D.	1962	Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956
†Singh, Thanwant, M.B., B.S.	1961	Smith, Iris Eileen, B.A.	1930
†Singham, Ratnasingam Bala, M.B., B.S.	1961	Smith, Ivan Ford, B.A.	1953
†Sinnott, Patricia Margaret, B.A.	1956	Smith, Jack Edwin, B.Sc.	1934
†Siregar, Panusunan, B.E.	1956	Smith, James Clyde, B.E.	1938
†Siregar, Togi, B.E.	1962	Smith, James Wearing, B.E.	1924
†Sivour, Neil Graham, B.Tech. (surrendered 1962)	1958	†Smith, Jennifer Anne Vickridge, B.Sc.	1960
B.App.Sc.	1962	Smith, Joan Frances, B.A.	1948
Sizer, Marion Betty, B.Sc.	1954	Smith, John Bertrand, B.Sc.	1943
Skewes, Edward Foster, LL.B.	1917	Smith, John Fife, B.A.	1929
Skinner, Brian John, B.Sc.	1950	†Smith, John Henderson, B.Sc.	1962
Skinner, Cecil Reginald Allenby, B.E.	1949	Smith, John Henry, B.A.	1959
Skinner, Helen Catherine Wild, Ph.D.	1959	Smith, John Jeffreys, LL.B.	1932
Skinner, Sandford Lloyd, M.D. (M.B., B.S. 1958)	1962	Smith, John Royle Casley, B.Sc. M.B., B.S.	1957
†Skipper, John Stark, M.B., B.S.	1944	Smith, John Wasley, M.B., B.S.	1959
†Skipper, Stanley Herbert, LL.B.	1901		1953
†Skopal, Karl John Matthew, B.D.S.	1962		

° Deceased.

† Not yet Members of the Senate.

Smith, John Wilton, M.Sc. (B.Sc., 1952)	-	1961	Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	-	1957
Smith, Keith, LL.B.	-	1953	D.Sc.	-	1962
Smith, Keith Kenneth Masefield, B.A.	-	1942	Southcott, Rosemary Enid, B.Sc.	-	1954
Smith, Keith Viner, M.B., B.S.	-	1939	Southgate, Deane Oakford, M.B., B.S.	-	1955
Smith, Kenneth Wilnot Vernon, B.E.	-	1937	Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	-	1920
Smith, Louis Campbell, B.Ag.Sc.	-	1951	M.S.	-	1925
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	-	1914	Southwood, Harry Milton, B.Sc.	-	1936
Smith, Lynden Rae Forbes, M.B., B.S.	-	1953	M.D. (M.B., B.S., 1932)	-	1943
Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	-	1958	Southwood, Richard Taunton, M.B., B.S.	-	1956
Smith, Mary, M.A. (B.A., 1930)	-	1932	Spain, Brian James, B.E.	-	1956
Smith, Mary Theresa, B.A.	-	1935	Spalvins, Janis Gunars, B.Ec.	-	1959
Smith, Maxwell Herbert, B.Sc.	-	1940	Spark, Mavis Constance, B.A.	-	1947
Smith, Melva Estelle, B.A.	-	1942	Sparrow, David Hereward Burnaby, B.Sc. (Reading, 1952)	-	1962
Smith, Mervyn Keith, M.B., B.S.	-	1944	Sparrow, Lorna Discombe, M.A. (B.A., 1930)	-	1934
†Smith, Michael Austin, B.A.	-	1961	B.Ec.	-	1941
Smith, Murray George, B.E.	-	1954	Sparrow, Maxwell Elliott, B.E.	-	1934
Smith, Pamela Darien, B.A.	-	1954	Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	-	1954
Smith, Peter Brian, M.B., B.S.	-	1954	Speed, Isobel Ethel, M.B., B.S.	-	1957
Smith, Primrose Mary Viner, B.A.	-	1940	Speirs, William McMillan, B.A.	-	1949
Smith, Raydon Berry, B.E.	-	1917	Spence, Colin Everett, B.A.	-	1958
Smith, Raymond Thomas, B.Sc.	-	1932	Spence, David Norman, M.B., B.S.	-	1957
Smith, Rayner Whitmore, M.B., B.S.	-	1953	Spence, Robin Douglas James, M.B., B.S.	-	1957
Smith, Richard Milne, M.Sc. (B.Sc., 1948)	-	1959	Spencer, Donald, Ph.D.	-	1953
Smith, Richard Waldemar Law, B.A.	-	1955	Spencer, Leslie Brian, B.Sc.	-	1951
Smith, Rodney Burden, B.E.	-	1959	Sperber, Joan Irma, B.Sc.	-	1955
Smith, Roger, M.E. (B.E., 1956)	-	1959	Spitz, Francis, B.Ec.	-	1956
†Smith, Roger Francis Cooper, B.Sc.	-	1962	Spitz, Joan Irma, B.Sc.	-	1955
Smith, Ronald Norman, B.E.	-	1933	†Spitzer, Alex George, M.B., B.S.	-	1962
†Smith, Ross Charles, B.Tech.	-	1960	Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	-	1949
Smith, Sheila Isabel Wesley, B.A.	-	1944	Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950)	-	1960
Smith, Sidney William, B.E.	-	1937	Spratt, James Arthur Henry, B.Sc.	-	1957
Smith, Sinclair Joseph, M.B., B.S.	-	1955	B.A.	-	1958
Smith, Stuart Meldrum, B.A.	-	1949	Sprigg, Patricia Amy, B.A.	-	1943
Smith, Terence Norman, B.E. (Sydney, 1953)	-	1960	Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941)	-	1944
†Smith, Thomas George, B.Sc.	-	1962	Sprod, Thomas Daniel, B.A.	-	1951
Smith, Vera Lisnagore, B.A.	-	1934	Spruhan, Bridget Catherine, B.A.	-	1933
Smith, Walter Leonard, M.B., B.S.	-	1914	Spry, Alan Herbert, M.Sc. (B.Sc., 1949)	-	1951
†Smith, William Frederick, B.Sc.	-	1962	†Spurling, Graham George, B.Tech.	-	1960
Smith, William Irving Berry, B.Sc.	-	1940	Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945)	-	1953
Smyth, Isabel Agnes Ekin, B.A.	-	1905	Spurr, Robert Thomas, B.Sc.	-	1948
†Smyth, Michael Evers Bayne, B.Sc.	-	1960	Spurway, John Horton, M.B., B.S.	-	1951
Smyth, Robert Walter, Ph.D. (B.E., 1955)	-	1960	Sreenevasan, Gopal Ayer, M.B., B.S.	-	1952
Snelling, Peter John, B.Tech.	-	1959	Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941)	-	1955
Snewin, Gwendoline Marjorie Jean, B.A.	-	1925	Stace, John Hamilton, M.B., B.S.	-	1943
Snewin, John Arthur, LL.B.	-	1951	Stacey, Thomas Allen, B.Ag.Sc.	-	1959
Snowswell, Alan Marlow, Ph.D. (B.Sc., 1956)	-	1961	Stacy, John Michael Sholto, B.E.	-	1951
†Snow, Richard Adrian Wilfrid, B.D.S.	-	1940	Stacy, Margaret Ruth, B.Sc.	-	1955
†Snow, Wilfred Rippon, B.E.	-	1914	Stacr, Peter Alfred, M.B., B.S.	-	1958
†Snowden, Brian Newton, B.Arch.	-	1961	†Stafford, Roland Garry, B.Sc.	-	1961
†Snowden, Janette Daphne, B.A.	-	1958	Stagg, Ross Smith, B.E.	-	1955
†Soar, Anthony James, B.E.	-	1961	Stahl, Margaret Anne, B.Sc.	-	1957
Soar, Dudley Turner, B.Ec.	-	1951	Stain, Maxwell Wright, B.D.S.	-	1944
Sobey, Iris Beatrice, B.A.	-	1944	Staker, Robert, Ph.D. (B.E., 1956)	-	1961
Sobey, Reginald Roberts, M.B., B.S.	-	1942	Stalley, Douglas John, M.Ec. (B.Ec., 1947)	-	1955
†Sobolewski, John, B.E.	-	1962	Stalley, Joan Charmian, B.Sc.	-	1955
Soebroto, Oentoeng, B.Ec.	-	1955	Stam, Robert Edward, M.B., B.S.	-	1949
†Soh, Bee Koon, B.E.	-	1962	Stanbury, Dennis George, M.B., B.S.	-	1957
Sollas, William Johnston, D.Sc. (Cambridge)	-	1914	Stanbury, Gretel Mary, M.Sc.	-	1962
Solly, Janet Elizabeth, M.B., B.S.	-	1952	Stanbury, Peter John Terence Cathcart, B.Sc.	-	1957
Solly, William Warburton, B.Sc.	-	1948	Stanley, Allen David, B.E.	-	1949
Solomon, George Herbert, M.B., B.S.	-	1927	Stanley, Brian Charles, LL.B.	-	1953
Solomon, Helen Ethel, LL.B.	-	1935	Stanley, Laurence John, LL.B.	-	1925
Solomons, Barnet, M.B., B.S.	-	1922	Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	-	1954
†Solomons, Phillip Roland Nathan, LL.B.	-	1960	†Stanley, Raymond John, B.Sc.	-	1961
Somerset, Forbes Mitchell, B.E.	-	1941	Stanton, Robert Anthony, B.D.S.	-	1950
Somerville, Archibald Shierlaw Ralph, LL.B.	-	1922	Stapledon, David Hiley, M.Sc. (B.Sc., 1951)	-	1962
Somerville, Christopher Malcolm, B.D.S.	-	1952	Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	-	1949
Somerville, Dorothy Christine, B.A.	-	1918	Staples, Roy William Frederick, B.E.	-	1957
LL.B.	-	1921	Stark, Alan Edmund, B.A.	-	1954
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	-	1919	†Staska, Zdenek, M.B., B.S.	-	1961
Somerville, Sesca Lewin, B.A.	-	1918	†Statters, Robert Joseph, B.Tech.	-	1961
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	-	1959	Statton, Arthur Knight, B.Sc.	-	1922
Soper, Graham Michael, B.Ec.	-	1957	Statton, Josiah William, B.Sc.	-	1921
Sorrell, Margaret Walter, B.A.	-	1925	Statton, Keith Jeffery, M.B., B.S.	-	1944
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	-	1959	Staude, Clarence Herman, B.A.	-	1947
Soukup, Dorothy Mavis, M.B., B.S.	-	1951	Stead, Sydney Arnold, B.Sc.	-	1933
Souter, Brian Heylen, B.D.S.	-	1956	Stearne, John McKenzie, B.Sc.	-	1958
Souter, Douglas Todd, M.B., B.S.	-	1949	Steel, Barry John, B.Sc. (Western Australia, 1955)	-	1960
Souter, Robert John de Neufville, M.B., B.S.	-	1923	Steel, Roy Desmond Charles, B.Sc.	-	1958
South, Peter Moncrief, B.Sc.	-	1956			
South, Ronald Robert, B.D.S.	-	1951			
Southcott, Jean Wauchope, B.A.	-	1921			

† Not yet Members of the Senate.

†Steel, Terence Melville, B.Sc. - - - - -	1961
Steele, David Macdonald, M.B., B.S. - - - - -	1909
*Steele, Donald Macdonald, M.B., B.S. - - - - -	1919
Steele, Ian Macdonald, M.B., B.S. - - - - -	1948
Steele, John Kevin, B.Ec. - - - - -	1954
Steele, Laurence Russell, B.E. - - - - -	1940
Steele, Robert Ernest, M.B., B.S. - - - - -	1952
Steele, Robert Thornborough, M.B., B.S. - - - - -	1942
Steele (nee Morris), Shirley Victoria, LL.B. - - - - -	1933
†Steingraber, Anna Martha, B.A. - - - - -	1962
Steinle, John Richard, B.A. - - - - -	1958
Stepanovs, Leonids Lonka, M.B., B.S. - - - - -	1958
Stephens, Charles Francis, B.Sc. - - - - -	1897
Stephens, Charles George, M.Sc. (Tasmania, 1931) - - - - -	1941
D.Sc. - - - - -	1950
Stephens, Clement John, B.A. - - - - -	1959
Stephens, Ella Mary, B.A. - - - - -	1915
Stephens, Eric Coyne, B.Sc. - - - - -	1912
Stephens, John Felton, M.Sc. (B.Sc., 1953) - - - - -	1957
Stephens, Peter Donald, B.Sc. - - - - -	1959
†Stephens, Lawrence John, B.A. - - - - -	1962
Stephens, Richard Clarence, B.D.S. - - - - -	1951
Stephens, Sylvester Kevin, B.E. - - - - -	1951
Stephenson, James Lewis, B.Ec. - - - - -	1944
Stephenson, John Roy Becket, B.A. - - - - -	1952
Stephenson, Leonard Allenby, B.Sc. (Eng.) - - - - -	1943
Stephenson, Thomas Howard, B.E. - - - - -	1933
Stern, Leon Max, M.B., B.S. - - - - -	1956
†Stern, Walter Ralph, Ph.D. (M.Sc.Agr., Sydney) - - - - -	1962
Steven, Ian Matheson, M.B., B.S. - - - - -	1956
Stevens, Edgar Loveday, LL.B. - - - - -	1919
†Stevens, Iris Eliza, LL.B. - - - - -	1960
Stevens, John Alfred Fortington, B.D.S. - - - - -	1948
Stevens, John Arnold, B.E. - - - - -	1958
†Stevens, Julia Loveday, B.A. - - - - -	1962
†Stevens, Murray Alan, B.Tech. - - - - -	1962
Stevens, Richard Barrymore, B.E. - - - - -	1952
Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1945
B.Ec. - - - - -	1960
Stevens, William Edward, B.E. - - - - -	1952
Stevenson, Arthur James, B.E. - - - - -	1937
†Stevenson, Derrance Redford, LL.B. - - - - -	1962
Stevenson, Donald George, M.Sc. (B.Sc., 1950) - - - - -	1952
Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - -	1926
Steward, Harold Dunning, M.B., B.S. - - - - -	1951
Stewart, Alastair Keith McKellar, M.B., B.S. - - - - -	1951
Stewart, Colin Gore, B.A. - - - - -	1914
Stewart, Donald Peter Sinclair, B.Ec. - - - - -	1952
Stewart, Edgar Douglas James, B.E. - - - - -	1947
Stewart, Geoffrey Daniel, M.B., B.S. - - - - -	1957
Stewart, Henry William James, B.E. - - - - -	1952
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - -	1935
Stewart, John Samuel, M.B., B.S. - - - - -	1939
Stewart, John Stewart McKellar, M.B., B.S. - - - - -	1942
Stewart, Kenneth Duff, B.Ec. - - - - -	1958
Stewart, Margaret McKellar, B.A. - - - - -	1937
†Stewart, Paul Rigby, B.D.S. - - - - -	1962
Stewart, Vernon Allan Fergusson, M.B., B.S. - - - - -	1939
Stewin, Carl Ronald, B.E. - - - - -	1955
Stidston, Matthew Alfred Clement, B.Sc. - - - - -	1936
†Stipnieks, Maija Alma, B.D.S. - - - - -	1961
†Stirling, Kenneth George, B.Ec. - - - - -	1960
Stoate, Theodore Norman, D.Sc. (M.Sc., 1934) - - - - -	1953
†Stoba, David James, B.Tech. - - - - -	1962
†Stobie, Michael John, B.E. - - - - -	1962
Stobie, Peter James, M.B., B.S. - - - - -	1952
Stock, Murray Clifford, B.Tech. - - - - -	1958
B.Ec. - - - - -	1962
Stockbridge, Edgar Lambert, B.E. - - - - -	1924
Stockbridge, John Keith, M.B., B.S. - - - - -	1953
Stockley, Henry William, M.B., B.S. - - - - -	1954
Stodart, Barbara Joan, B.A. - - - - -	1953
Stodart, Donald McLean, B.E. - - - - -	1951
Stodart, Harold William Downing, M.B., B.S. - - - - -	1911
Stokes, Anne, B.Sc. - - - - -	1943
Stokes, Charles Herbert, B.A. - - - - -	1956
Stokes, John, M.A. (B.A., 1947) - - - - -	1948
Stokes, John Barrymore, M.B., B.S. - - - - -	1951
Stokes, John Lewis, M.B., B.S. - - - - -	1941
Stokes, Judith, B.A. - - - - -	1947
Stokes, Laura Joan Hartley, B.Sc. - - - - -	1940
†Stokes, Roger David, B.E. - - - - -	1962
Stoll, Ruth Sophie, B.A. - - - - -	1955
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1949
Stolz, Kate Sophie, B.A. - - - - -	1909
Stone, Brian James, B.Sc. - - - - -	1959
†Stone, Peter Clargo, B.E. - - - - -	1962
Storch, Wilhelm Murray, B.A. - - - - -	1938
†Storer, Brian Thomas, M.B., B.S. - - - - -	1962
Storer, Gerald Burdon, B.Sc. - - - - -	1952
Storer, Laurel Jean, B.A. - - - - -	1937
Storer, Robin George, B.Sc. - - - - -	1959
Story, Gordon Malcolm, B.E. - - - - -	1950
Stott, Douglas Wallace, B.Sc. - - - - -	1958
Stoutjesdijk, Albert Diederik Johan, M.B., B.S. - - - - -	1953
Strachan, James Charles Power, M.B., B.S. - - - - -	1914
Strange, Audrey Mavis, B.A. - - - - -	1944
Strange, Malcolm Leslie, M.A. (B.A., 1939) - - - - -	1951
Strange, Ronald Glen, B.Ec. - - - - -	1956
Stratmann, Paul Franz, M.B., B.S. - - - - -	1933
Strawbridge, Albert Gordon, B.A. - - - - -	1951
Strehlow, Theodor Georg Heinrich, M.A. (B.A., 1931) - - - - -	1938
Streich, Carl Ivo, M.B., B.S. - - - - -	1919
Strempel, Allan Arthur, B.E. - - - - -	1952
†Stretton, Helena Margaret, B.Sc. - - - - -	1960
Stretton, Hugh, M.A. (Oxford, 1952) - - - - -	1955
†Strods, Inta Maria, B.A. - - - - -	1962
Stribley, Edwin John, M.A. (B.A., 1920) - - - - -	1925
Stribling, Ada Florence, B.A. - - - - -	1925
†Strickland, Robert Geoffrey, M.B., B.S. - - - - -	1961
Stuart, Cameron Kingston, LL.B. - - - - -	1956
Stuart, Noel Harry, B.Sc., B.E. - - - - -	1928
Stubber, Leo Anthony, M.B., B.S. - - - - -	1953
Stubbs, Ruth Margaret, Mus.Bac. - - - - -	1959
Stuckey, Edward Joseph, B.Sc. - - - - -	1895
M.B., B.S. - - - - -	1903
Stuckey, Francis Seavington, B.Sc. - - - - -	1896
Sturmev, Stanley George, M.Ec. (B.Ec., 1950) - - - - -	1953
†Sudjono, B.Ag.Sc. - - - - -	1961
Sudholz, Herbert Frederick, B.D.S. - - - - -	1930
†Sugars, Kingsley John, B.Sc. - - - - -	1962
Sugg, Benthom Horace, B.A. - - - - -	1934
†Sulan, Charles, B.Ec. - - - - -	1961
Sullivan, Margaret Rendle, B.A. - - - - -	1943
Sullivan, Maxwell Douglas, B.Ec. - - - - -	1951
Sullivan, Phillip Grose, B.Sc. - - - - -	1942
Summers, Frank Henry, B.Sc. - - - - -	1923
†Summers, Graham Frank, B.Tech. - - - - -	1960
Sumner, Donald Ernest Wesley, M.B., B.S. - - - - -	1952
Sumner, Donald James Robert, M.B., B.S. - - - - -	1922
Sumner, Graham Edwin, M.B., B.S. - - - - -	1955
Surna, Nemira Ona, M.B., B.S. - - - - -	1958
Susman, Shirley Jean, B.Sc. - - - - -	1947
Suter, Alfred Charles, B.Sc. (Liverpool, 1910) - - - - -	1912
Sutherland, Geoffrey Strafford, B.E. - - - - -	1956
Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937) - - - - -	1944
Sutton, David John, Ph.D. (B.Sc., 1948) - - - - -	1954
Sutton, Jeffery Robert Cost, B.Tech. - - - - -	1958
Sutton, Laura Margaret, B.A. - - - - -	1953
†Sved, John Andrew, B.Sc. - - - - -	1960
Sved, Marta, B.Sc. - - - - -	1956
†Svencis, Francis, B.Ec. - - - - -	1961
Swaine, Cyril David, M.B., B.S. - - - - -	1942
Swan, Alan Keith, B.A. - - - - -	1943
Swan, Charles Spencer, M.D. (M.B., B.S., 1935) - - - - -	1941
D.Sc. - - - - -	1947
Swan, Hilda Mary, B.A. - - - - -	1940
†Swanbury, Peter Vernon, B.A. - - - - -	1961
Swann, Eric John, M.B., B.S. - - - - -	1924
†Swann, John Christopher, B.Sc. - - - - -	1961
Swann, Mary Caroline, B.Sc. - - - - -	1951
Swanson, Albert Frederick Daniel, B.A. - - - - -	1940
Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932) - - - - -	1936
Swayne, Joseph, B.A. (National, Ireland, 1915) - - - - -	1921
Sweatman, Thomas Rex, M.Sc. (B.Sc., 1954) - - - - -	1961
Sweeney, Gordon, B.E. - - - - -	1924
Sweeney, James Gladstone, M.B., B.S. - - - - -	1915
Sweeney, John Gladstone, M.B., B.S. - - - - -	1951
Sweeney, Mary Ryan, B.A. - - - - -	1932
Sweeney, Murray Frank, B.E. - - - - -	1950
†Sweeney, Patrick James, B.Sc. - - - - -	1962
Sweeney, Robert James, M.B., B.S. - - - - -	1953
Sweeney, Trevor John, B.Tech. - - - - -	1958

\* Deceased.

† Not yet Members of the Senate.

Sweetapple, George Frederick, B.Sc.	1945	Taylor, David John, B.Sc.	1956
Swift, Sir Brian Herbert, M.B., B.S. (Cambridge, 1916)	1920	Taylor, Donald William, B.E.	1931
M.D. (Cambridge, 1936)	1936	Taylor, Douglas McLeod, B.A.	1951
Swift, Harry Houghton, B.E.	1915	Taylor, Geoffrey Hamlet, M.Sc.	1953
Swift, Vera May, B.A.	1935	† Taylor, Graham Frank, B.Sc.	1961
Swiggs, Francis, M.B., B.S.	1954	Taylor, Herbert Richard, B.A.	1932
† Sykes, Leon Turnbull, B.Tech.	1962	Taylor, James Bruce, B.Ag.Sc.	1959
† Sykes, Meredyth Elizabeth, B.A.	1960	Taylor, Jennifer Ann, B.A.	1953
† Sylow, Barbara Elizabeth Ruth, B.Sc.	1960	Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923)	1954
Symes, William David, M.B., B.S.	1952	Taylor, Keith Clarence, B.E.	1957
Symon, Charles Craven, B.Sc.	1955	Taylor, Kevin Lyle, B.Sc.	1950
Symon, Charles James Ballaarat, M.A. (Oxford, 1919)	1932	Taylor, Lindsay Birstow, B.Sc. (Eng.)	1942
Symon, David Eric, B.Ag.Sc.	1950	Taylor, Michael Gleeson, M.D. (M.B., B.S., 1951)	1956
† Symon, Robert Josiah, B.Tech.	1962	Taylor, Reginald Morton, M.Sc. (B.Sc., 1951)	1962
Symonds, Edwin Joseph Truman, B.E.	1926	Taylor, Robert Herbert George, B.D.S.	1929
Symonds, Edwin Malcolm, M.B., B.S.	1958	Taylor, Robert John, LL.B.	1951
Symonds, George Burnett Lionel, B.E.	1919	† Taylor, Rosemary Joan, B.A.	1960
Symonds, John Lloyd, B.Sc.	1944	† Taylor, Trevor Leon, M.B., B.S.	1962
† Symonds, Josephine Beryl, B.Sc.	1960	Taylor, Trevor Roy, LL.B.	1932
Symonds, Ruth Caust, B.A.	1950	Teesdale, Verner, M.B., B.S.	1954
Symonds, Wybert Milton Caust, B.Sc.	1925	Teesdale-Smith, Malcolm, LL.B.	1954
Symons, Clifford Thomas, M.A. (B.A., 1929)	1936	Teh, Peng Heng, M.B., B.S.	1955
Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Tejwani, Khubo Gianchand, Ph.D.	1952
Symons, Eric Lindsay, M.B., B.S.	1917	Telfer, Douglas Ivan, B.A.	1945
† Symons, Frederick John Walter, B.E.	1960	† Temby, Allen Christopher, B.E.	1960
Symons, Frederick William, B.E.	1926	Templer, Jeffrey Norman, B.E.	1941
Symons, Geoffrey David, B.Sc.	1959	Tennant, Maxine Rita, M.B., B.S.	1951
B.A.	1960	† Teo, Chiang Boon, B.E.	1961
Symons, Gordon Joseph, B.A.	1958	Teoh, Hoon Leong, B.Ec.	1957
Symons, Jack Gilroy, B.E.	1936	Terman, Verna Joyce, B.A.	1933
Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953)	1960	Terrell, Richard Deane, B.Ec.	1958
Symons, Lloyd Alfred Grigg, B.A.	1928	† Terrill, Frederick Edward, M.B., B.S.	1922
Symons, Margaret Anne, B.A.	1957	Terrill, Samuel Ernest, B.Sc.	1927
Symons, Mark Gail, B.E.	1959	† Terry, Athalie May, B.A.	1961
Symons, Peter Norman, B.E.	1957	Tester, Donald Kenneth, B.Sc.	1951
Symons, Reginald Albert, LL.B.	1927	† Teubner, Peter John Osmond, B.Sc.	1960
Symons, Stuart Barry, B.D.S.	1959	Teusner, Berthold Herbert, LL.B.	1931
† Szekeres, Peter, B.Sc.	1960	† Teusner, Roger Erskine, LL.B.	1962
		Teusner, Terence Theodor, M.B., B.S.	1959
		† Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947
		† Texler, Eva, M.B., B.S.	1942
		† Texler, Karl Christopher, M.B., B.S.	1959
		† The, Gregorius Maria Swie Siong, B.E.	1960
		† Theng, Kian Goan, Benny, B.Ag.Sc.	1960
		Thiel, Colin Victor, B.Sc.	1949
		Thiele, Colin Milton, B.A.	1941
		Thiele, James Barnabas, Mus.Bac.	1952
		† Thiele, Wayne Kerwin, B.Sc.	1961
		Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935)	1938
		† Thiselton, Malcolm Robert, B.Tech.	1960
		Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
		Thomas, Alfred John Thornley, M.B., B.S.	1949
		Thomas, Arthur Robin, B.E.	1936
		Thomas, Brian Gordon, M.B., B.S.	1947
		Thomas, David Austin Grenfell, LL.B.	1931
		Thomas, David John Saint, B.E.	1932
		Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955
		Thomas, Harold Davey, B.E.	1935
		Thomas, Hor Morris, M.Sc. (Cardiff, 1933)	1949
		Thomas, Jack, B.Sc.	1934
		Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945
		† Thomas, Jennifer Mary, B.A.	1960
		Thomas, John Angus, B.Sc.	1948
		† Thomas, John Baden, B.Tech.	1960
		† Thomas, Josephine Anne, B.Sc.	1960
		Thomas, Joyce Amy, B.Sc.	1949
		Thomas, Kenneth Donald, B.A.	1953
		Thomas, Kenneth Hewitson, B.Ec.	1953
		† Thomas, Lindsay, B.Sc.	1962
		Thomas, Margaret Helen, B.A.	1934
		Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927
		Thomas, Milton, B.Sc.	1950
		Thomas, Richard Grenfell, B.Sc.	1924
		Thomas, Trevor Wilson, B.A.	1939
		Thomas, Walter Warren, B.E.	1951
		† Thomas, Wendy Elizabeth, B.Sc.	1962
		Thomas, Wesley James, B.Sc.	1952
		Thomas, William Lancelot, B.A.	1925
		Thompson, Aileen Joyce, B.Sc.	1950
		Thompson, Alexander McQueen, M.B., B.S.	1937
		Thompson, Anthony George, B.E., (N.Z., 1947)	1959
		Thompson, Arthur Melville, B.Sc.	1936

\* Deceased.

† Not yet Members of the Senate.

Thompson, Basil Clive, B.E.	1955	Tolmie, Ronald Philip, B.E.	1957
Thompson, Bryan William, M.B., B.S.	1957	Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1960
Thompson, Douglas Norman, B.Sc.	1949	Tomlinson, Betty Mary, B.A.	1939
Thompson, Frank Howard, B.A.	1955	Tomlinson, William Frederick, M.B., B.S.	1939
Thompson, Frederick Verner, B.Sc. (Eng.)	1948	Tonkin, Aubrey Douglas, M.B., B.S.	1951
Thompson, Jean Fleming, B.A.	1928	Tonkin, David Oliver, M.B., B.S.	1953
Thompson, Jessie Mildred, B.A.	1939	Tonkin, Donald Geoffrey, B.E.	1953
Thompson, John Evelyn, M.B., B.S.	1955	Tonkin, Mary Elizabeth, B.A.	1944
Thompson, John Robert, M.B., B.S.	1938	Tonkin, Raymond George, M.B., B.S.	1937
Thompson, John Ronald, B.D.S.	1941	†Tonkin, Verna Iris, B.Sc.	1961
Thompson, Leonard Arthur, B.D.S.	1950	Tonkin, William Richards, M.B., B.S.	1921
Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958	Toomey, Derek Morton, B.A. (Manchester, 1958)	1961
Thompson, Maxwell Andrew, B.E.	1952	Toop, Beryl Rachel, B.Sc.	1959
Thompson, Noel, B.Sc.	1954	Toovey, Douglas Reginald, B.Ec.	1957
Thompson, Rex Palmerstone, B.Sc.	1948	Tooze, Mervyn John, B.Sc.	1947
Thompson, Thomas Alexander, B.Sc.	1896	Topliss, John George, M.B., B.S.	1950
Thompson, William, B.A.	1936	Topperwein, Irwin, M.A. (B.A., 1922)	1924
Thompson, William Gordon, LL.B.	1959	B.Sc.	1925
Thomson, Beresford John Rodger, B.D.S.	1957	Torr, Shirley Constance, B.A.	1944
Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941)	1957	Torr, Thomas Harold, M.B., B.S.	1953
Thomson, Bruce James, B.Sc.	1950	Tostevin, Alfred Ladyman, M.B., B.S.	1923
Thomson, Bruce William, B.D.S.	1957	Tostevin, Graham Mark, M.E. (B.E., 1953)	1957
Thomson, Cedric Jeffrey, LL.B.	1951	Tothill, Judith Windebank, B.A.	1953
†Thomson, Gerald Peter Debussy, M.B., B.S.	1961	†Tottman, Vance Denzil, M.B., B.S.	1961
Thomson, Ian Alexander, B.Tech.	1958	Toussaint, Rose Evangeline, M.B., B.S.	1953
Thomson, Janet Elizabeth, B.Sc.	1956	Townsend, Douglas George, M.B., B.S.	1956
Thomson, Joanna Eristoun, B.A.	1948	Townsend, Herbert Louis, B.A.	1941
Thomson, Keith Westhead, Ph.D. (Washington, 1953)	1954	Townsend, Norman Charles Wilson, M.B., B.S.	1956
Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Tozer, Ross Leonard, M.B., B.S.	1957
Thomson, Linda Lovibond, B.D.S.	1926	Tracey, Alan James, B.Tech.	1959
Thomson, Sydney William, B.D.S.	1930	Traeger, Keith Terence, B.A.	1949
Thomson, Theodore Roderick, M.B., B.S.	1947	Tratman, Frank, M.D. (London, 1892)	1899
Thomson, Vera Audrey, B.A.	1947	Traub, Max, M.B., B.S.	1952
Thong, Choe Loen Raymond, B.E.	1958	Trauer, Robert, M.B., B.S.	1952
†Thong, Wing Yip, Albert, B.E.	1962	Travers, John Leo, LL.B.	1920
Thornton, Digby Noel, M.B., B.S.	1951	Treasure, Eunice Jessie, B.A.	1944
Thornton, Gayfield Collins, M.B., B.S.	1943	Treasure, Valda Beth, B.A.	1951
Thorpe, Geoffrey William, B.A.	1955	Trebilcock, John Bungey, M.B., B.S.	1953
Thredgold, Beatrice Marie, B.A.	1928	Tregenza, Alan Arthur, B.A.	1949
†Thrower, Dalton Craig, B.Tech.	1961	Tregenza, Jean Florence, B.A.	1955
Thrum, Edward Allen, B.Sc.	1921	Tregenza, John Miller, M.A. (B.A., 1953)	1956
B.E.	1924	Tregenza, Sydney Lloyd, B.A.	1923
Thrush, Harry Clifford, B.A.	1915	Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1951
†Thwaites, Neil Harry, B.Tech.	1960	Tregonning, Donald John Kennedy, M.B., B.S.	1949
Thyer, Alexander Maitland, M.E. (B.E., 1924)	1936	Tregonning, Kennedy Gordon Philip, B.A.	1950
Thyer, Frederick Lewis, M.B., B.S.	1923	Trelcaen, Walter, B.Sc.	1893
†Thyer, George Maitland, B.E.	1962	Treloar, Albert Edward Coran, LL.B.	1927
Thyer, Robert Francis, B.Sc.	1932	Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1959
Tideman, Arthur Frederick, B.Ag.Sc.	1953	†Treloar, Gwyneth Florence, B.A.	1960
Tideman, Frederick William, B.E.	1925	Treloar, Hugh Kingsley, LL.B.	1951
Tidemann, Ernest Phillips, B.D.S.	1933	Treloar, John Harvey, B.E.	1954
Tidswell, Bruce Allison, B.D.S.	1955	Treloar, Lionel Hammond, LL.B.	1957
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919)	1922	Treloar, Ronald William, B.Ec.	1957
Tilbrook, Norman Keith, B.E.	1949	Tremain, Allen Maurice, B.Sc.	1943
Tilbrook, Percival Montrose Torr, B.A.	1954	Trembath, Frank Everard, M.B., B.S.	1944
Tilemann, Rosemary, B.A.	1957	Tremlett, Ian Walter, B.Ec.	1958
Till, Maxwell Roy, B.Ag.Sc.	1949	Trendall, Arthur Dale, D.Litt. (New Zealand, 1936)	1960
Tiller, Kenneth Matthew John, B.Sc.	1949	Trenerry, Roger, B.E.	1948
B.A.	1955	Trenorden, Ailsa Gwynne, B.Sc.	1952
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1957	Trenorden, Glenwynne Eva, B.A.	1934
Tillett, Peter Irwin, B.Sc.	1956	Trenorden, James Henry, B.A.	1945
†Tillett, Rodney Colin, B.E.	1961	Trestrail, Hugh Alexander, B.E.	1937
Tilley, Cecil Edgar, B.Sc.	1914	Trethewie, Everton Rowe, M.D. (Melbourne, 1939)	1944
Tilly, Graham John, B.Sc.	1957	Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1958
Timcke, Edward Waldemar, B.A.	1920	Triggs, Kathleen Dorothy, B.A.	1945
Tindale, Beryl Rae, B.A.	1948	Trimmer, Ray Brian, B.E.	1949
†Tindale, John, B.Sc.	1962	B.Ec.	1961
†Tindale, John James, B.Ag.Sc.	1961	Trist, Alan Roberts, B.Sc.	1926
Tindale, Norman Barnett, B.Sc.	1932	Trott, Arthur Keith, B.D.S.	1939
Tindall, Colin James, LL.B.	1957	Trott, Dudley William, B.D.S.	1939
Tindall, Ronald Graham, B.Sc.	1956	Trott, John Richard, B.D.S.	1950
Tippling, Richard Michael, M.B., B.S.	1953	Trott, Lyndon Rodney Eyre, B.E.	1950
Tiver, Athol, B.Ag.Sc.	1956	Trotter, Frederick Lionel, B.D.S.	1941
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1947	Trudinger, Leonhard Paul, B.A.	1957
†Tiver, Peter Graham, B.A.	1962	Trudinger, Malcolm August, M.B., B.S.	1927
Tiver, Ronald Wayland, B.D.S.	1943	Trudinger, Martin, B.A.	1912
Todd, Arnold Charles, B.E.	1955	Trudinger, Philip Alan, Ph.D. (B.Sc., 1948)	1955
Toh, Kim Thye, B.E.	1959	Trudinger, Ronald, B.Sc.	1905
Tohver, Ilmar, B.D.S.	1955	M.B., B.S.	1909
Tolcher, Vernon Arthur, B.E.	1953	Trudinger, Ronald Martin, B.A.	1943
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949		

† Not yet Members of the Senate.



† Walker, Alan Philip, B.A. - - - - -	1961	Ward, Margaret Kennings, B.A. - - - - -	1947
Walker, Alexander John Kerry, B.Ag.Sc. - - - - -	1939	Ward, Robert Hayes, LL.B. - - - - -	1936
Walker, Christina Annie, LL.B. - - - - -	1935	Ward, Russel Braddock, M.A. (B.A., 1936) - - - - -	1950
† Walker, Donald Campbell, M.B., B.S. - - - - -	1962	† Warden, Mark Cunningham, B.Ec. - - - - -	1961
Walker, Ellen Lawson, B.Sc. - - - - -	1899	Warden, Robert Douglas Cunningham, LL.B. - - - - -	1951
Walker, Gilbert John, B.A. - - - - -	1940	† Ware, Dorothy Alice, B.A. - - - - -	1960
Walker, Gordon Harold, B.E. - - - - -	1952	Warhurst, Barbara Wilfred, B.Sc. - - - - -	1938
Walker, Ian Saville, Ph.D. (B.Sc., 1952) - - - - -	1956	† Warhurst, Dean Frank, B.Tech. - - - - -	1961
Walker, Jane Elizabeth, B.A. (Wales) - - - - -	1908	Wark, Bruce Goodman, B.D.S. - - - - -	1953
Walker, Janice Phyllis, B.A. - - - - -	1956	Warne, Keith Raymond, B.Sc. - - - - -	1959
Walker, John Adrian Mozar, M.B., B.S. - - - - -	1951	Warner, John Raymond, B.A. - - - - -	1959
Walker, John Schomburgk, B.Sc. - - - - -	1926	Warren, Donald Hampton, B.A. - - - - -	1942
Walker, Mildred, B.A. - - - - -	1928	† Warren, John Robin, M.B., B.S. - - - - -	1961
Walker, Reginald Jeffrey, M.B., B.S. - - - - -	1952	Warren, Sidney Lilla, B.A. - - - - -	1915
◦ Walkley, Allan, B.Sc. - - - - -	1927	† Wasty, Ghulam Husain, M.B., B.S. - - - - -	1961
Walkley, Gavin, B.E. - - - - -	1934	Waterhouse, Edward John, B.Ag.Sc. - - - - -	1953
M.A. (Cambridge, 1942) - - - - -	1949	Waterhouse, George Saville, B.A. - - - - -	1955
Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - - - -	1949	Waterhouse, Louis David, LL.B. - - - - -	1914
Wall, Barbara Deane, M.A. (B.A., 1949) - - - - -	1950	Waterhouse, Ronald Greaves, M.B., B.S. - - - - -	1952
Wall, Brian Henry, B.E. - - - - -	1958	Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1948
Wall, Gordon Elliott, B.Sc. - - - - -	1947	Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - -	1947
Wall, Ian Baker, B.E. - - - - -	1955	† Waters, Ernest Bertram, B.Tech. - - - - -	1961
Wall, Margaret Esther, B.Sc. - - - - -	1951	Waters, Russell Kyle, B.A. - - - - -	1949
Wallace, Donald, B.A. - - - - -	1939	Waterson, John Gabriel, B.D.S. - - - - -	1945
Wallace, Frank Kenneth, M.B., B.S. - - - - -	1934	Watkins, Charles Thomas, LL.B. - - - - -	1907
Wallace, Malcolm Maxwell, M.B., B.S. - - - - -	1959	Watkins, Edward Hamner, M.E. (B.E., 1959) - - - - -	1960
† Wallace, Peter Richard, B.E. - - - - -	1961	Watkins, John Leslie, B.E. - - - - -	1938
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952) - - - - -	1958	Watkinson, Mavis Daphne, B.A. - - - - -	1937
◦ Wallace, Sir Robert Strachan, M.A. (Oxford) - - - - -	1926	Watson, Arthur John, M.B., B.S. - - - - -	1953
Wallman, Ian Stuart, M.B., B.S. - - - - -	1947	Watson, Brian, B.E. - - - - -	1953
Wallman, James Douglas Robson, M.B., B.S. - - - - -	1951	Watson, Christopher Lex, B.Ag.Sc. - - - - -	1957
Wallman, Leigh Stuart, M.B., B.S. - - - - -	1940	† Watson, David John, B.E. - - - - -	1961
Wallman, Neil Stuart, M.B., B.S. - - - - -	1944	Watson, David Stanley, B.Sc. - - - - -	1954
Wallman, Nugent Horton, LL.B. - - - - -	1937	Watson, Donald Robert, B.E. - - - - -	1951
Wallman, Rex Horton, B.D.S. - - - - -	1951	Watson, George Michael, M.B., B.S. - - - - -	1936
Wallman, Richard John Robson, M.B., B.S. - - - - -	1951	Watson, Graeme Douglas, B.A. - - - - -	1957
Wallmann, Douglas Robson, M.B., B.S. - - - - -	1918	Watson, John Champion, B.E. - - - - -	1956
Wallmann, Reginald Horton, LL.B. - - - - -	1907	Watson, Joyce, B.A. - - - - -	1937
Walmsley, Norman Stuart, B.D.S. - - - - -	1952	Watson, Kenneth Graham, M.B., B.S. - - - - -	1953
Walmsley, Robert Leitch Eric, M.B., B.S. - - - - -	1920	Watson, Margaret Arden, B.Sc. - - - - -	1940
Walsh, Brian Richard, M.B., B.S. - - - - -	1950	Watson, Patricia Bali, M.B., B.S. - - - - -	1952
Walsh, Dorothy Counley, B.A. - - - - -	1921	† Watson, Richard Wyndham, M.B., B.S. - - - - -	1962
Walsh, Elizabeth Jan, B.A. - - - - -	1956	Watson, Ruth, M.Sc. (B.Sc., 1934) - - - - -	1938
Walsh, Esmond Thomas, M.B., B.S. - - - - -	1926	Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939) - - - - -	1945
Walsh, Frances Mary, B.A. - - - - -	1931	Watt, Fanny Eileen, M.A. (B.A., 1927) - - - - -	1930
Walsh, Geoffrey Goode, B.E. - - - - -	1959	Wattchow, Colin Edward, B.A. - - - - -	1949
Walsh, Kevin Gerald, LL.B. - - - - -	1932	† Watters, Roger Allan, B.Sc. - - - - -	1962
Walsh, John Francis Anthony, M.B., B.S. - - - - -	1955	† Watts, Christopher Henry Stuart, B.Sc. - - - - -	1962
Walsh, Margaret Mary, B.A. - - - - -	1951	Watts, Edith Isabel, B.A. - - - - -	1935
Walsh, Reginald Clarence, B.E. - - - - -	1925	Watts, Norman Clarence, B.E. - - - - -	1956
Walter, Denys, B.Ec. - - - - -	1955	Watts, Robin John, LL.B. - - - - -	1959
Walter, Harold Noel, B.E. - - - - -	1936	Watts, Ruth Emily, B.A. - - - - -	1949
Walter, Hilda Blanche May, M.A., (B.A., 1913) - - - - -	1915	Watts, John Clyde, B.Sc. - - - - -	1949
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908) - - - - -	1909	Wauchope, Diana D'Este, B.Sc. - - - - -	1949
Walters, Francis Victor Charles, B.E. - - - - -	1953	Wauchope, Diosma Marie, B.A. - - - - -	1923
B.Ec. - - - - -	1962	Wauchope, Frederick John, B.Sc. - - - - -	1930
Walters, George Henry, LL.B. - - - - -	1936	Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - - -	1924
Walters, Max Norman Isadore, M.B., B.S. - - - - -	1954	Wauchope, Mavis Lorélie, M.A. (B.A., 1923) - - - - -	1936
Walters, William Allen Willcox, M.B., B.S. - - - - -	1956	Waugh, David McBride, B.E. - - - - -	1959
Waltham, Francis Frederick Bowering, B.Tech. - - - - -	1959	Waugh, William McDonald, B.A. - - - - -	1951
Walton, Bruce Adrian, B.Sc. - - - - -	1945	† Wawryk, Stefan, B.E. - - - - -	1961
† Walton, Geoffrey Norman, B.E. - - - - -	1960	Way, Leslie Edward, B.Sc. - - - - -	1949
Walton, Gertrude Mary, B.A. - - - - -	1904	Way, Neville James, M.B., B.S. - - - - -	1948
Walton, Shirley-Anne Campion, B.A. - - - - -	1956	Way, Thomas Hubert, B.E. - - - - -	1952
Walz, Joseph Michael, B.A. - - - - -	1945	Wayne, Peter Neil, LL.B. - - - - -	1951
† Wan, Kwok Kuen, B.D.S. - - - - -	1961	Wearne, Enid Lois, B.A. - - - - -	1948
† Wan, Kun Yiu, M.B., B.S. - - - - -	1962	Webb, Arthur Liddon, M.B., B.S. - - - - -	1922
Wangel, Anders Gustaf, M.B., B.S. - - - - -	1959	Webb, Bruce Phillip, M.Sc. - - - - -	1954
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Webb, Emmaline Nancy, B.A. - - - - -	1949
Wannan, Ellen Sarah, B.Sc. - - - - -	1930	Webb, John Edward, B.Sc. (Eng.) - - - - -	1942
† Warburton, George Bruce, B.Sc. - - - - -	1961	Webb, John Newton, M.B., B.S. - - - - -	1917
Ward, Cyril Michael, M.A. (B.A., 1910) - - - - -	1912	Webb, Kenneth Alfred, B.E. - - - - -	1953
Ward, Denby Harcourt, M.E. (B.E., 1955) - - - - -	1961	Webb, Mary Gwendoline, B.A. - - - - -	1937
Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - - - -	1935	Webb, Rita Gwendoline, B.A. - - - - -	1930
Ward, Geoffrey Grant, M.B., B.S. - - - - -	1955	Webber, Brian John, B.Sc. - - - - -	1959
Ward, Gerald Michael, LL.B. - - - - -	1949	Webber, Colin Russell, B.E. - - - - -	1952
Ward, Harry Lancelot, B.A. - - - - -	1920	Webber, Ian Ernest, B.E. - - - - -	1957
Ward, Jean Russel, B.A. - - - - -	1939	† Webber, Ian James, B.A. - - - - -	1961
Ward, Kevin James, LL.B. - - - - -	1949	Webber, Muriel Esme Jill, B.A. - - - - -	1957
Ward, Leonard Keith, B.E. (Sydney, 1903) - - - - -	1913	Webber, Ronald Thomas John, B.Ag.Sc. - - - - -	1948
D.Sc. - - - - -	1926	Webbing, Donald D'Arcy, B.Sc. - - - - -	1950
Ward, Leonard Rosslyn, B.E. - - - - -	1932	M.B., B.S. - - - - -	1955
Ward, Margaret Hawthorne, B.Sc. - - - - -	1958	† Webster, Louise Betty, B.Sc. - - - - -	1962
		Webster, Raymond Murray, B.Sc. - - - - -	1938

◦ Deceased.

† Not yet Members of the Senate.

Webster, Stanley George, M.B., B.S.	1951	Wharhirst, Gwendolen Elizabeth, M.A.	
Webster, Wilfred Grant, B.Sc.	1949	(Oxford, 1940)	1945
Weetman, Alan Russell, M.B., B.S.	1951	Wheatley, Frederick William, B.A.	1904
† Wege, Dieter, B.Sc.	1962	D.Sc.	1913
Wegener, Clemens Frederick, B.Sc.	1949	Wheaton, Geoffrey Brendan, B.E.	1956
Wegener, Richard Albert, B.E.	1948	Wheaton, Malcolm Alfred, M.B., B.S.	1954
† Wei, Hon Yin, Stephen, B.D.S.	1962	Wheaton, Neville Alistair, B.E.	1956
Weidenbach, Neil, B.Sc.	1954	Wheaton, Neville Kingsley, B.Sc.	1957
Weigold, Erich, B.Sc.	1958	Wheaton, Russell Norman, B.Sc.	1952
† Weigold, Helmut, B.Sc.	1960	Wheeler, Harry Winslow, B.Sc.	1929
Weir, Isobel, B.A.	1914	Wheeler, Reginald John, M.B., B.S.	1930
† Weir, Maxwell Brett, B.E.	1962	Whelan, John Thomas, B.Ec.	1952
Weir, Ronald Colin, B.Sc.	1959	Whelan, Robert Ford, M.D. (Belfast, 1951)	1958
Weiss, Alan Austin, Ph.D. (B.Sc., 1950)	1955	Whibley, Cyril George, B.E.	1927
Weiss, Donald Eric, D.Sc. (B.Sc., 1945)	1960	Whillas, Geoffrey French, B.Sc.	1946
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	1941	Whillas, Jean Kathleen, M.A. (B.A., 1947)	1952
Weissman, Gerhard, B.Tech.	1958	Whitburn, Jack, B.A.	1931
Welbourn, Alan Egerton, B.E.	1937	White, Allan James Risley, B.Sc.	1952
Welbourn, Barbara Egerton, B.Sc.	1941	White, Anthony Hopper, B.Sc.	1951
Welbourn, Eleanor Egerton, B.A.	1948	White, Brian Ross, B.Sc.	1947
Welch, Arthur Walter Sydney James, M.B., B.S.	1923	White, Elizabeth Alice, B.A.	1956
Welch, Frank Edison, M.B., B.S.	1936	Mus.Bac.	1959
Welch, Horace Henry Eric, B.E.	1938	White, Francis Richard, B.D.S.	1956
Welch, Howard Walter, M.B., B.S.	1954	† White, Geoffrey Fowler, B.Ec.	1960
† Welch, Ian Donald, M.B., B.S.	1960	White, Hedley John, B.E.	1950
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901)	1901	White, Helena Victoria, B.A.	1934
Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950)	1954	White, Henry Douglas, B.A.	1943
M.D. (M.B., B.S., 1958)	1962	White, James Michael, LL.B.	1951
† Weller, Keith Russell, B.E.	1960	B.A.	1956
Weller, Raymond Alfred, B.Sc.	1948	White, Joan Hazel, M.B., B.S.	1935
Wellington, Hugh Kennedy, B.E.	1948	White, John Baron, B.E.	1949
Wells, Barbara Gordon, M.B., B.S.	1951	White, Joseph Charles, B.Ec.	1955
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	1959	White, Joyce Winifred, B.A.	1945
Wells, Clarence Gordon, M.B., B.S.	1921	White, Kenneth Elsdon, B.E.	1948
Wells, Elizabeth Anne, B.A.	1949	White, Leeson Desmond, B.E.	1957
Wells, Elizabeth Wynne, B.A.	1934	White, Maureen Therese, B.Sc.	1956
Wells, Gregory Samuel, B.Sc.	1959	White, Michael Leonard, B.E.	1956
Wells, Julian Richard Este, B.Ag.Sc.	1959	White (nee Healy), Nora Kate, B.A.	1939
† Wells, Kathleen Margaret, B.Sc.	1952	White, Phyllis, B.Sc. (Sydney, 1920)	1922
Wells, Margaret Suzanne, B.A.	1953	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
† Wells, Peter, M.B., B.S.	1960	White, Ray Baron, B.E.	1942
Wells, William Andrew Noye, LL.B.	1945	White, Roderick James, LL.B.	1958
Welsh, James Oglesby, B.A.	1948	White, Rodney Gordon, M.B., B.S.	1949
Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921)	1924	White, Ruth Baron, B.Sc.	1942
† Wemyss, Robert John, B.Ec.	1960	White, Stanley Noel, B.A.	1953
† Wendelborn, Lawrence Cyril, B.A.	1962	White, Wilfred Allan, B.Ec.	1942
Wennerbom, Alan John, B.Sc.	1956	White, Wilfred Caristan Jurs, B.Sc.	1948
Wennerbom, Barrie Campbell, B.A.	1961	White, William Richard Bolitho, B.E.	1932
Were, John Owen, B.A.	1933	Whitehead, Donald Henry, B.A. (Oxford, 1954)	1959
† Were, Keith Francis, B.A.	1961	Whitehead, Millicent Alma, B.A.	1949
Wesley Smith, Henry Elliott, B.A.	1936	Whitehouse, Joseph Chenoweth, M.B., B.S.	1953
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	1949	Whitelaw, Albert James, B.Sc.	1929
West, Alan William, LL.B.	1957	B.A.	1937
† West, Alfred Lutwyche, B.Tech.	1961	Whitford, Desmond Joseph, B.E.	1953
West, Arthur George Bainbridge, M.A. (Oxford, 1892)	1897	Whitford, Patricia Mary, B.A.	1940
West, Bruce Oswald, Ph.D. (B.Sc., 1948)	1954	Whitford, Raymond Frank, M.B., B.S.	1953
West, Doris Marjorie, B.A.	1921	Whiting, Clyde Taylor, B.A.	1931
West, Eric Stodden, B.Sc.	1921	Whiting, John Harold, M.B., B.S.	1961
West, Esmond Frank, M.B., B.S.	1922	Whiting, Peter Arthur, B.Sc.	1953
† West, Graham Peet, M.B., B.S.	1961	Whittington, Anne, B.A.	1950
† West, Geoffrey Sewell, B.E. (B.Sc. (Eng.), London, 1946)	1961	Whittington, Joan, B.A.	1933
West, John Burnard, M.D. (M.B., B.S., 1952)	1959	Whittington, Louis Arnold, LL.B.	1911
West, John Stanley, B.E. (B.Sc., 1907, surrendered)	1914	Whittington, Richard Smallpiece, LL.B.	1935
West, Leonard Roy, M.B., B.S.	1934	Whitman, Gerald Caleb, B.Sc.	1952
† West, Patricia Joan, B.A.	1961	Whittle, Alick William Green, M.Sc. (B.Sc., 1945)	1948
West, Reginald Arthur, M.A. (B.A., 1902)	1905	Whittle, Christopher Playford, B.Sc.	1958
† West, Richard Frederick, B.E.	1962	Whittle, Donald George, B.E.	1936
West, Robert Frank, M.D. (M.B., B.S., 1935)	1949	Whittle, Edith Julia, B.A.	1950
West, Rosemary Ruth, M.B., B.S.	1954	Whittle, Harry Reed, B.E.	1952
Westerman, Franklinna Sisley, B.D.S.	1946	Whittle, James Latimer, B.E.	1952
Westerman, Roderick Alan, M.B., B.S.	1954	Whittle, Richard Latimer, LL.B.	1954
Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929	Whyte, Jean Primrose, B.A.	1952
Westley, John French Hebbart, B.E.	1957	Whyte, Phyllis Primrose, B.A.	1952
Weston, Frank Keith, B.A.	1950	Wiadrowski, Ian Barrie, B.E.	1957
M.B., B.S.	1957	Wiadrowski, Maxwell Alfred Anton, B.A.	1937
Westphalen, John Arthur, B.Sc.	1950	Wibberley, Brian, B.E.	1951
Westphalen, Kenneth John, M.B., B.S.	1953	Wibberley, Brian William, B.Sc.	1911
Westropp, Ralph Alan Massy, Ph.D. (Manchester, 1958)	1962	M.B., B.S.	1914
Whalan, Lionel Walter, B.A.	1948	Wibberley, David John, M.B., B.S.	1956
		Wibberley, Hermia Mary, B.A.	1941
		Wibberley, Judith, B.A.	1952
		† Wickes, Neil Bruce, B.Tech.	1962
		Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946
		† Wicks, David Frank, LL.B.	1960

† Not yet Members of the Senate.

Wicks, Frederick Ralph, M.B., B.S.	1923	Williams, Philip Mark, B.E.	1951
Wicks, Graham Ralph, M.B., B.S.	1954	Williams, Ralph, B.Sc.	1914
Wicks, Norman Stephen Price, M.B., B.S.	1947	Williams, Raymond Clarence, B.Sc.	1959
Wicks, Rodney Henry, M.B., B.S.	1962	Williams, Rodney Francis, D.Sc. (M.Sc., 1934)	1957
Wiencke, George Edwin, B.Tech.	1959	† Williams, Roger John, B.Sc.	1962
Wien-Smith, Geoffrey, M.B., B.S.	1915	Williams, (nee Hotten), Roma Olive, B.A.	1941
Wiese, Margaret Helen, B.A.	1958	† Williams, Rona Lynette, B.A.	1960
† Wieser, Othmar Heinrich Jakob, B.A.	1962	Williams, Rosemary, B.Sc.	1956
Wiesner, Clarence Jack, B.Sc.	1935	Williams, Roy Ernest, M.Sc.	1953
Wigan, John Leonard Cleveland, B.E.	1959	Williams, Spencer, M.A. (B.A., 1927)	1930
Wigan, Leonard James Cleveland, B.E.	1921	Williams, Vivienne June, B.Sc.	1955
† Wigg, David Ross, M.B., B.S.	1960	Williams, Walter Leslie, B.A.	1940
† Wigg, Hugh Higham, B.E.	1960	Williams, Zena Vera, B.A.	1940
Wigg, Neil Thornburn Melrose, M.B., B.S.	1925	Williamson, Arthur Edward, B.E.	1953
† Wigg, Philip Melrose, B.Ag.Sc.	1960	Williamson, Benjamin Raymond, B.Tech.	1959
Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945	Williamson, David Aubrey, M.B., B.S.	1951
Wigglesworth, Sidney Thomas, B.E.	1959	Williamson, Geoffrey Lea, B.Sc.	1956
Wight, Albert James, B.E.	1936	Williamson, Hugh Angus, LL.B.	1955
Wight, Albert Raymond, B.E.	1914	BA.	1956
Wight, Hillier Clement, B.E.	1933	Willing, Charles Eric, M.B., B.S.	1928
Wight, Hugh Humphrey, M.Sc. (B.Sc., 1929)	1962	Willing, Richard Lyall, M.B., B.S.	1954
M.E. (B.E., 1930)	1937	Willington, Clayton Louis, M.B., B.S.	1955
Wighton, Dugald Craven, M.B., B.S.	1953	Willington, John Mattinson, B.E.	1951
Wighton, Helen Craven, B.A.	1938	Willington, Lloyd Stanley, B.A.	1950
Wighton (nee Blackburn), Rosemary Neville, B.A.	1945	Willis, John, B.A. (Melbourne)	1952
† Wigley, Tom Michael Lampe, B.Sc.	1960	Willmott, Josiah Percival, B.Sc.	1907
Wignall, Douglas Ronald, B.A.	1948	† Willoughby, Donald Ross, B.Sc.	1960
Wilcher, Lewis Charles, B.A.	1929	Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947
Wildy, Ralph Alderman, B.E.	1938	Willoughby, Roger George (Warden of the Senate), M.D.S. (B.D.S., 1938)	1953
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951	Wills, Caroline Marie Agnew, B.A.	1951
Wilhelm, Walter Gerhard, B.E.	1953	Wills, Lindsay Arthur, B.A.	1953
† Wilkes, Alfred John, B.Sc.	1962	Willsmore, Elsie Victoria, Mus.Bac.	1918
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Willsmore, Hurtle Binks, B.Sc.	1916
Wilkins, Noel Aldridge, B.Ec.	1958	Wilmshurst, Maurice George, B.A.	1934
Wilkins, Ray Eber, B.A.	1948	† Wilmshurst, Ronald Escott, B.Tech.	1961
Wilkinson, Donald Cameron, B.A.	1952	Wilson, Geoffrey Frank, B.Tech.	1959
Wilkinson, Eoin Howitt, M.A. (Chicago, 1960)	1962	Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947
Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1958	Wilson, Andrew Bray Cameron, LL.B.	1959
Wilkinson, Harold Callan, B.E.	1931	Wilson, Avis Jean, B.Sc.	1956
Wilkinson, Herbert John, B.A.	1914	Wilson, Brenda Ruth, B.A.	1950
M.D. (Sydney, 1930)	1934	Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899)	1900
Wilkinson, Maxwell, B.Tech.	1962	Wilson, Charles Graham, M.B., B.S.	1947
Wilkinson, Philomena Mary, B.A.	1949	† Wilson, Christopher John, B.E.	1961
Wilkinson, Robert Stuart, M.B., B.S.	1939	Wilson, Colin Leslie, B.Sc. (Eng.)	1944
Wilkinson, Stewart Rex, B.A.	1950	Wilson, Dennis de Courcy, M.B., B.S.	1949
Wilkinson, Thomas Lancelot, B.Sc.	1925	Wilson, Derek Finlay, LL.B.	1936
Wilksch, Betty Ruth, B.A.	1949	Wilson, Doris May, B.A.	1938
† Wilksch, John Charles, B.E.	1962	Wilson, Edward Peter, M.B., B.S.	1951
† Wilksch, Lois Ruth, B.A.	1960	Wilson, Geoffrey Palmer, B.Ec.	1958
Willcocks, Robert Douglas, B.Sc.	1951	Wilson, Gordon Samuel, B.Sc. (Eng.)	1944
Williams, Arthur Charles, B.Sc.	1950	Wilson, Helen Margaret, B.Sc.	1957
Williams, A-thur Evan, M.B., B.S.	1914	Wilson, Ian Bonython Cameron, LL.B.	1955
Williams, Faden George, B.Ag.Sc.	1958	Wilson, Ian Stewart, B.Sc.	1957
Williams, Bruce Rodda, M.A.	1944	Wilson, Jack Woodrow, B.Sc.	1936
Williams, Caroline Margaret, B.A.	1915	Wilson, James Beith, B.A.	1896
Williams, Christobel Mary, B.Sc.	1945	Wilson, John Grenell, M.B., B.S.	1949
Williams, Colin Hale, M.Sc. (B.Sc., 1941)	1948	Wilson, John Stewart, M.B., B.S.	1952
† Williams, David Reginald Glyndwr, B.App.Sc. (B.Tech., 1959, surrendered)	1961	Wilson, Keith Cameron, LL.B.	1922
Williams, Donald Carter, B.A.	1933	Wilson, Keith John, M.B., B.S.	1952
LL.B.	1935	Wilson, Laurence Algernon, M.B., B.S.	1918
Williams, Donald Newbery, B.D.S.	1954	Wilson, Laurence Leigh, M.B., B.S.	1956
Williams, Dorothy Theresia, B.A.	1935	Wilson, Luther Ernest Crosby, B.Sc.	1926
† Williams, Edith Dawn, B.A.	1961	MA.	1932
Williams, Eirene Mary, B.A.	1907	† Wilson, Maureen Norma, B.Sc.	1962
† Williams, Foster Neil, B.Ec.	1962	Wilson, Mollie Jean, LL.B.	1935
Williams, Garth David, B.Sc.	1948	Wilson, Nicholas Michael, B.A.	1955
Williams, George Esson Keith, M.A. (B.A., 1937)	1947	† Wilson, Patricia Margaret, B.Sc.	1960
Williams, George Mervyn, B.Sc.	1958	Wilson, Philippa Morag, B.A.	1958
Williams, Harold Richard Michael, LL.B.	1953	Wilson, Robert Bruce, B.Sc.	1950
Williams, Horton Clement, LL.B.	1956	Wilson, Robert Kevin, M.B., B.S.	1937
† Williams, Ian James, B.E.	1961	† Wilson, Roger Maxwell, LL.B.	1962
Williams, Jennifer Elizabeth, B.A.	1961	Wilson, Trevor Gordon, Ph.D. (Oxford, 1959)	1960
Williams, Joan Beatrice, B.A.	1948	Wilson, Valerie Joy, B.A.	1952
Williams, Kenneth Douglas, B.Ec.	1955	Wilson, William Fraser, B.Sc.	1943
Williams, Kevin Graham, B.Sc.	1958	Wilton, Donald Edward, B.Tech.	1959
Williams, Lindsay Hale, LL.B.	1945	Wilton, Dorothy Clyde, B.Sc.	1940
† Williams, Lyall Richard, B.Sc.	1961	Wilton, John Barrett, B.Sc.	1950
Williams, Mabel Evangeline, M.A. (B.A., 1906)	1916	Wincey, Cynthia Weaver, B.Sc.	1949
Williams, Martin John, M.B., B.S.	1958	Winch, Kenneth Varley, B.E.	1952
Williams, Michael, Ph.D. (Wales, 1960)	1961	Windle, Doris Sophia, B.A.	1941
Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960	Winkler, Arthur Edmund, B.Sc. (Eng.)	1943
Williams, Philip Glenly, B.A.	1941	Winnall, Nancy Eleanor, B.Sc.	1919
		Winter, Beatrice Erwine, B.A.	1955
		Winter, Karl Berthold, M.B., B.S.	1942
		Winter, William Graham, B.Sc.	1938
		Winton, Berna Kathleen, B.A.	1953
		Winwood, William Weston, B.E.	1926

† Not yet Members of the Senate.

Winzor, Donald John, Ph.D. (B.Sc., 1956)	1961	Wright, Norman Harvey, B.A.	1927
Wise, Peter Hermann, M.B., B.S.	1959	Wright, Robert John, B.Sc. (Eng.)	1949
† Wishart, Dean, B.Tech.	1961	Wright, Russell Francis, B.E.	1953
Wissell, Stewart Gordon, B.A.	1949	Wurfel, Lois Jessie, M.B., B.S.	1955
Witt, Erik Hans, B.E.	1929	Wurm, Bertram Eric, M.B., B.S.	1920
Wittenoom, Robert Horne, M.B., B.S.	1951	† Wurm, John Sinclair, M.B., B.S.	1960
Wittwer, Ivan Donald, B.A.	1954	Wurm, Roger Sinclair, M.B., B.S.	1947
† Wohling, Theodore Charles, B.Tech.	1960	† Wyatt, Ernest Stanley, B.Ec.	1961
Woithe, William Henry, B.E.	1936	† Wylie, Donald Kingston, B.Tech.	1961
† Wolanski, Bohdan Stanislaus, B.Sc.	1962	Wylie, John Richard, B.Sc.	1951
Wolcik (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	1959	Wyllie, Geoffrey Gurner, M.B., B.S.	1946
Wollaston, Elise Margaretta, B.Sc.	1955	Wyllie, Robert Gurner, M.B., B.S.	1955
Wollaston, Jocelyn Mary, B.Sc.	1950	Wymond, Alonzo Pearse, M.Sc. (B.Sc., 1949)	1951
Wollaston, Terence Cornthwaite, B.E.	1956	Wynes, William Anstey, LL.D. (LL.B., 1929)	1933
Womersley, Hugh Bryan Spencer, D.Sc. (M.Sc., 1947; Ph.D., 1952)	1960	† Wyness, David John, LL.B.	1962
Womersley, John Spencer, B.Sc.	1945	Wyndham, Robert Alexander, B.Sc. (Sydney, 1934)	1938
Wong, Peter Chee Nam, M.B., B.S.	1952		
Wong, Kam Peng, B.Sc.	1962	Y	
† Wong, Kum Yew, B.E.	1962	Yakhya, Mahmud Ukab, B.Ag.Sc.	1952
Wood, Alistair Edward Rose, B.E.	1954	Yandell, Maxwell Benjamin, B.Tech.	1958
Wood, Allen Edwin, B.A.	1944	† Yap, Pak Khi, B.E.	1961
Wood, Colin James, B.A.	1950	Yap, Pak Leong, B.Ec.	1958
Wood, Florence Catherine, B.A.	1938	Yates, Colin, B.E.	1932
Wood, Henry Lambert, M.Sc.	1941	† Yates, Dorothy Alma, B.Sc. (Queensland, 1924)	1962
Wood, Judith Ann, B.A.	1950	Yates, Lawrence Anthony, M.B., B.S.	1956
Wood, Murray Bowring, M.B., B.S.	1939	Yates, Percy Cocker, M.B., B.S.	1942
Wood, Philip Barclay, Mus.Bac.	1938	Yates, Reginald Colin, B.E.	1937
Wood, Rosemary Anne, B.A.	1955	Yates, Thomas Morey, M.B., B.S.	1952
Woodard, Charles Ernest, B.A.	1933	Yates, Tom Owen Richard, M.B., B.S. (Sydney, 1945)	1955
Woodard, Charles Garrard, LL.B.	1952	† Yeats, L'Bee, B.A.	1962
Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952)	1954	Yeates, Barry Rupert, B.Tech.	1958
† Woodgate, Elizabeth Ann, B.A.	1960	Yeatman, Christopher William, B.Sc.	1951
Woodger, Gwenneth Godwin, LL.B.	1941	Yeatman, John Charleton, M.B., B.S.	1938
Woodham, Barbara Elizabeth, B.A.	1941	Yelland, Geoffrey Playford, B.E.	1955
Woodhouse, Lawrence Ralph, B.Sc.	1954	Yelland, Joan Mary, B.A.	1933
Woodhouse, Roy, LL.B.	1950	Yelland, Kathleen Norah, B.A.	1951
Woodman, Stanley Kenneth, B.E.	1934	† Yeo, Sebastian, B.E.	1961
† Woodroffe, Alison Elizabeth, B.A.	1962	† Yeomans, Frank Edward, B.Sc.	1961
Woodroffe, Keith, B.Ag.Sc.	1937	Yin, James Chu Kee, M.B., B.S.	1954
† Woodroffe, Philip, B.A.	1960	† Yip, Shing-Gaye Andrew, B.D.S.	1960
Woodroffe, Gwendolyn Marion, M.Sc. (B.Sc., 1940)	1944	† Yoong, He Len Patricia, M.B., B.S.	1960
Woodroffe, Kathleen, Ph.D. (M.A., 1948; B.A., 1940)	1962	Yoong, Meow Foo, M.B., B.S.	1957
† Woodrow, Brian Douglas, B.Tech.	1960	Young, Aileen, B.A.	1952
Woodruff, Philip Scott, M.D. (Melbourne, 1939)	1957	† Young, Anthony David, B.E.	1962
Woods, Arthur Frederick, M.B., B.S.	1957	Young, Caroline Agnes, B.A.	1949
Woods, Charles William Griffin, M.B., B.S.	1939	† Young, Christabel Marion, B.Sc.	1960
Woods, Julian Gordon Tenison, LL.B.	1918	Young, David Hastings, M.B. (Edinburgh)	1894
Woods, Nelly Hooper, M.A. (B.A., 1928)	1930	Young, Donald Scott, B.E.	1929
Woods, Richard Vynne, B.Sc.	1947	Young, Dorothy Kate, B.A.	1937
Woods, Warren Bruce, B.A.	1958	† Young, Howard Brandwood, B.Tech.	1960
Woodward, Barbara, B.A.	1944	† Young, James Fairbairn, M.B., B.S.	1961
Woodward, Colin Holmes, B.E.	1952	Young, James Hannibal, M.D. (M.B., B.S., 1929)	1937
Woodward, Oliver Gordon, B.Sc.	1950	Young, Josephine Helen, B.Sc.	1958
† Woolcock, Ann Janet, M.B., B.S.	1961	Young, Kelvin Albert, B.Sc. (Eng.)	1949
Woolcock, Collin Elwyn, M.Sc. (B.Sc., 1936)	1945	Young, Michael Quinn, B.Sc.	1940
Woolcock, Rosslyn James, M.B., B.S.	1927	B.E.	1945
Wooldrige, Alan Frank, B.Sc.	1947	M.B., B.S.	1952
Woolhouse, Harold William, Ph.D. (B.Sc., Reading, 1955)	1960	Young, Phillip John, B.Ag.Sc.	1947
Woolhouse (nee Sherwood), Leonie Marie, B.Sc.	1958	Young, Richard Scott, B.Ag.Sc.	1959
Woolnough, Geoffrey Lawrence, B.E.	1929	Young, Sir Frederick William, LL.B.	1897
Woolnough, Harold, B.A.	1906	Younkman, Landau, B.Sc.	1910
Work, Kenneth Frank, B.Sc.	1959	Yu Sheng Fong, M.B., B.S.	1958
Worley, Donald Stuart, B.D.S.	1939	Yu, Sheng-Wei, B.E.	1957
Worsnop, Elsie Madeline, M.A. (B.A., 1907)	1913	Yuen, Wai Mun, M.B., B.S.	1957
Worthington, Charles Roy, Ph.D. (B.Sc., 1951)	1956	Yull, George Ashwin, LL.B.	1913
Worthley, Boyce Wilson, M.Sc. (B.Sc., 1939)	1944	† Yung, Richard Hin, M.B., B.S.	1960
B.A.	1941	Yung, Ying Chi, M.E.	1960
Worthley, Seymour Richard, M.Sc. (B.Sc., 1940)	1945		
Wright, Angus Stanley, B.Sc.	1933	Z	
† Wright, Anthony John, B.Sc.	1961	Zacharia, William Vassilie, M.B., B.S.	1956
† Wright, Christine Mary, B.A.	1962	Zegebros, Raymond Erik, B.Tech.	1959
Wright, Donald Ian, B.A.	1956	Zelling, Howard Edgar, LL.B.	1938
Wright, Edna May, B.A.	1938	Zeltins, Andris Ivars, B.E.	1959
Wright, George Andrew, B.A.	1954	Zeppel, Frank Robert, B.A.	1950
Wright, John Frederick, LL.B.	1953	Ziegler, Desmond Murray, B.Tech.	1961
† Wright, Jonathan Courtney George, B.Ec. (B.Com., Melbourne, 1959)	1962	Ziesing, George Murray, M.Sc. (B.Sc., 1950)	1952
Wright, Leslie McLean, LL.B.	1935	Ziesing, Hugh David, B.E.	1959
Wright, Lewis Garner, LL.B.	1891	Zimmet, Jacob, M.B., B.S.	1942
Wright, Lyle Mason, B.Sc.	1956	Zimbauer, Alfred Freund, B.A.	1958
		† Zockel, Manfred, B.E.	1962
		Zoratti, Alba Pierina, B.A.	1945
		Zwar, John Arnold, M.Ag.Sc.	1952
		† Zweck, Coral Joan, B.A.	1960
		Zweck, John Everard, B.A.	1958
		† Zwillenberg, Hans Joachim, B.A.	1962
		Zurasukas, Tadas Algirdas, B.Tech.	1959

† Not yet Members of the Senate.

## 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.

Chalklen, Roland John, B.A., English Language and Literature II (ii)	- - - - -	1957	Gibson, Patricia Mary, History II (i)	- - - - -	1960
Cross, Jack, History II (i)	- - - - -	1957	Goldsworthy, David John, Politics I	- - - - -	1960
Greet, Raymond James, Politics II (i)	- - - - -	1957	Herman, Eugene, French II (i)	- - - - -	1960
Grenfell, Ian Henry, English Language and Literature II (i)	- - - - -	1957	Hocking, Brian Dominic Windsor, German I	- - - - -	1960
Hambly, Peter Sutherland, French Language and Literature I	- - - - -	1957	Holdich, John Rodger, Politics II (i)	- - - - -	1960
Higgins, John William, History III	- - - - -	1957	Hyslop, Alexander, English Language and Literature II (i)	- - - - -	1960
Horvat, Leon, B.A., German II (ii)	- - - - -	1957	Lloyd, Elizabeth Ann, French II (ii)	- - - - -	1960
Mitchell, Terrence John, History II (i)	- - - - -	1957	Lucas, Diane Mary, French II (i)	- - - - -	1960
Mune, Marie Elizabeth, B.A., History II (i)	- - - - -	1957	McCulloch, Deborah Jane, English Language and Literature II (ii)	- - - - -	1960
Ohlstrom, Leonore Anne, B.A., German II (i)	- - - - -	1957	McCurdy, Brian, English Language and Literature II (ii)	- - - - -	1960
Sasse, Hans Christopher, English Language and Literature II (ii)	- - - - -	1957	Nettlebeck, Colin William, French I	- - - - -	1960
Smith, Barry Whitmore, B.A., Philosophy I	- - - - -	1957	Pelz, Ines Charlotte, Geography III	- - - - -	1960
Watson, Graeme Douglas, French Language and Literature and German I	- - - - -	1957	Peter, Phyllis Grace, History I	- - - - -	1960
Blackmore, Gerda, German III	- - - - -	1958	Robertson, Janet Marian, History II (i)	- - - - -	1960
Bradley, Michael Charles, B.A., Philosophy I	- - - - -	1958	Snowden, Janette Daphne, B.A., Geography II (ii)	- - - - -	1960
Brock, Erlend Jeffrey, B.A., Geography, II (ii)	- - - - -	1958	Thomas, Jennifer Mary, History II (ii)	- - - - -	1960
Eckermann, Frances Marie, English II (ii)	- - - - -	1958	Turner, Elizabeth Rosemary, German II (i)	- - - - -	1960
Gambling, Janice Melva, History II (ii)	- - - - -	1958	Ware, Dorothy Alice, Geography II (i)	- - - - -	1960
Gelsen, Henrik, German II (ii)	- - - - -	1958	Welsh, James Oglesby, B.A., History II (i)	- - - - -	1960
Glenn, Margaret Joy, French I	- - - - -	1958	Woodroffe, Philip, French and Psychology II (i)	- - - - -	1960
Gradusov, Alexis, German II (i)	- - - - -	1958	Beer, Donald Robert, History II (i)	- - - - -	1961
Howlett, Diana Rosemary, B.A., Geography II (i)	- - - - -	1958	Best, Michael Robert, English II (i)	- - - - -	1961
Kaspiew, Radzen, History III	- - - - -	1958	Bettison, Irvine James, History II (i)	- - - - -	1961
Keain, Arthur Patrick, History II (i)	- - - - -	1958	Bickerton, Ian James, History II (i)	- - - - -	1961
Lea, David Alexander Maclure, Geography I	- - - - -	1958	Chinner, Christine Elizabeth, History II (ii)	- - - - -	1961
Luck, Janice, English II (i)	- - - - -	1958	Cockburn, Jeanette Minna, English II (ii)	- - - - -	1961
Luke, Murdoch Stewart, English II (i)	- - - - -	1958	Connole, Patricia Ann, French III	- - - - -	1961
Magor, Margaret Elizabeth, B.A., German II (i)	- - - - -	1958	Dragovich, Deirdre Janette, Geography I	- - - - -	1961
Mitchell, Meredith June, History II (ii)	- - - - -	1958	Gerken, Rosemarie, German II (i)	- - - - -	1961
Mulvihill, Edward John, Philosophy II (ii)	- - - - -	1958	Gibbes, Geraldine Margaret (nee Wilson), Psychology II (ii)	- - - - -	1961
Pearce, Helen Ruth, History II (i)	- - - - -	1958	Harmstorf, Ian Arnold, History II (ii)	- - - - -	1961
Phillips, Walter Wynne, History II (i)	- - - - -	1958	Hartwig, Mervyn Carl, History I	- - - - -	1961
Porter, Mervyn Kingsley, History II (i)	- - - - -	1958	Hebart, Hans Friedemann, German I	- - - - -	1961
Wilson, Philippa Morag, English Language and Literature I	- - - - -	1958	John, Ian David, Psychology II (i)	- - - - -	1961
Zimmbauer, Alfred Freund, German II (i)	- - - - -	1958	Luke, Eleanor Ann, English II (i)	- - - - -	1961
Alksnis, Ivars Janis, German I	- - - - -	1959	McNally, Marie Carmel, English I	- - - - -	1961
Appleton, Joan Mary, History II (i)	- - - - -	1959	May, Ernest John, Latin II (i)	- - - - -	1961
Atrons, Dace, German II (i)	- - - - -	1959	Mellowship, John Haslet, History III	- - - - -	1961
Aylmore, Neville Charles, German II (i)	- - - - -	1959	Pettit, Janet Ann, English II (i)	- - - - -	1961
Chai, Hon-Chan, English Language and Literature II (ii)	- - - - -	1959	Ratz, Alfred Egon, German I	- - - - -	1961
Cheesman, Andrew Walford, History II (ii)	- - - - -	1959	Redpath, Lynda Rosamond, Psychology II (ii)	- - - - -	1961
Curnow, Ellen Isabel, History II (i)	- - - - -	1959	Rooney, Meredith Jean, History I	- - - - -	1961
Elliott, Jennifer Anne, English Language and Literature II (ii)	- - - - -	1959	Swanbury, Peter Vernon, Psychology III	- - - - -	1961
Fletcher, Enid Lilian, Geography II (ii)	- - - - -	1959	Vilkins, Alberts, History III	- - - - -	1961
Kersten, Lee Irving, German I	- - - - -	1959	Vnuk, Frantisek, B.A., B.Sc., History II (i)	- - - - -	1961
Kulasingham, Lynn, Politics III	- - - - -	1959	Wagstaff, Rosemary, French II (i)	- - - - -	1961
Lawrence, Margaret Evelyn, Economics I	- - - - -	1959	Walker, Alan Philip, History II (i)	- - - - -	1961
Lloyd, Joycelyn Marie, Politics II (ii)	- - - - -	1959	West, Patricia Joan, English II (i)	- - - - -	1961
Lokan, Frances Anne, German II (i)	- - - - -	1959	Baynes, William Hendrie, B.A., History III	- - - - -	1962
McGee, Skaidrite, German II (ii)	- - - - -	1959	Bartley, Helen Louise, Psychology II (ii)	- - - - -	1962
Manuel, Deane James Hubert, B.Ec., English Language and Literature II (i)	- - - - -	1959	Bennett, Gregory William, Mathematics I	- - - - -	1962
Mayfield, Philip, History II (i)	- - - - -	1959	Binks, Jennifer Ann, English II (i)	- - - - -	1962
Medlin, Brian Herbert, Philosophy I	- - - - -	1959	Boomer, Robert Garth, English II (ii)	- - - - -	1962
O'Grady, Helen Patricia, English Language and Literature I	- - - - -	1959	Burnard, Sally Margaret, History II (i)	- - - - -	1962
Playford, John Drysdale, History II (i)	- - - - -	1959	Bury, Carol Rosemary, English II (ii)	- - - - -	1962
Saunders, Graham Edward, History II (i)	- - - - -	1959	Buxton, Gordon Leslie, History I	- - - - -	1962
Warner, John Raymond, History II (i)	- - - - -	1959	Close, Susan Elizabeth, History II (i)	- - - - -	1962
Atkinson, Leon Desmond, History I	- - - - -	1960	Day, Jennifer Ann, German II (i)	- - - - -	1962
Bruer, Michael Jeffrey Gartrell, German II (i)	- - - - -	1960	Dunstan, Gretel, Economics II (i)	- - - - -	1962
Cashmore, Gillian Frances, English Language and Literature II (ii)	- - - - -	1960	Edgar, Peter Lindsay, History II (i)	- - - - -	1962
Chant, Barry Mostyn, English Language and Literature II (ii)	- - - - -	1960	Fennell, Trevor Garth, French I	- - - - -	1962
Depasquale, Paul, English Language and Literature II (i)	- - - - -	1960	Godwin, Suzanne, History II (i)	- - - - -	1962
Deutscher, Maxwell John, B.A., Philosophy I	- - - - -	1960	Gribble, Cynthia May, German II (ii)	- - - - -	1962
Gavelis, Antanas, German II (i)	- - - - -	1960	Heuzenroeder, John Mathwin, English II (i)	- - - - -	1962
Gibbs, Ronald Malcolm, History II (i)	- - - - -	1960	Holt, Betsy Stamford, English II (i)	- - - - -	1962
			Jenkin, Robert Haydon, History II (i)	- - - - -	1962
			Kukurs, Ilona, B.A., Psychology II (ii)	- - - - -	1962
			Manhood, Cleve Charles, History II (ii)	- - - - -	1962
			Manser, William Lloyd, History II (ii)	- - - - -	1962
			Pukitis, Ilze, French II (i)	- - - - -	1962
			Reid, Bruce James, French II (i)	- - - - -	1962
			Rendell, Anthony Alan, History II (i)	- - - - -	1962
			Schubert, Jane Helen, French II (ii)	- - - - -	1962
			Strods, Inta Maria, History II (ii)	- - - - -	1962

## HONOURS DEGREE OF BACHELOR OF ECONOMICS. (INSTITUTED 1930.)

For previous Lists, see Calendars from 1959.

Ashcroft, John, B.Ec., IIB	- - - - -	1957	Terrell, Richard Deane, B.Ec., I	- - - - -	1959
Evens, David Wyke, I	- - - - -	1957	Hicks, Ronald Pettinger, B.Ec. IIB	- - - - -	1961
Heinrich, Harold Gordon, B.Ec., I	- - - - -	1957	Peirson, Clive Graham, B.Ec., IIB	- - - - -	1961
Menadue, John Laurence, B.Ec., IIA	- - - - -	1957	Scarman, Ian Edwin, B.Ec., IIA	- - - - -	1961
Robless, Cosmas Linus, B.Ec., IIA	- - - - -	1957	Sherwin, Rolf Morton, B.Ec., IIB	- - - - -	1961
Tuckwell, Roger Hamilton, B.Ec., I	- - - - -	1957	Allen, Kenneth Craig, B.Ec., IIB	- - - - -	1962
Coat, Jillian Irene, IIA	- - - - -	1958	Blandy, Richard John, B.Ec., I	- - - - -	1962
Cockburn, Malcolm, IIA	- - - - -	1958	Codd, Michael Henry, B.Ec., IIA	- - - - -	1962
Fowler, Robert Malcolm, IIA	- - - - -	1958	Henderson, James Young, B.Ec., I	- - - - -	1962
Jahasz, Ferenc, IIA	- - - - -	1958	Rechner, Russell Jay, B.Ec., IIA	- - - - -	1962
Polasek, Metodey, I	- - - - -	1958	Sarah, Neil, B.Ec., I	- - - - -	1962
Lithgow, John Neville, B.Ec., IIA	- - - - -	1959	Semler, Janet Claire, B.Ec., I	- - - - -	1962

## HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Aylmore, Lance Arthur Graham, B.Sc., Physics IIB	- - - - -	1957	Katekar, Gerard Frederick, B.Sc., Organic Chemistry I	- - - - -	1959
Brett, Peter Robin, B.Sc., Geology IIA	- - - - -	1957	Lane, John Edgar, Physical and Inorganic Chemistry I	- - - - -	1959
Duncan, Andrew Kenneth, Mathematics I	- - - - -	1957	Lang, Graham Bruce, B.Sc., Physics IIA	- - - - -	1959
Fee, Warren William, B.Sc., Chemistry IIA	- - - - -	1957	Low, Beng See, B.Sc., Organic Chemistry I	- - - - -	1959
Forwood, Peter Strauss, B.Sc., Geology IIA	- - - - -	1957	Nilsson, Carl Sigurd, B.Sc., Physics I	- - - - -	1959
Gurr, Graham Edward, B.Sc., Physics IIB	- - - - -	1957	Patterson, John Howard, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1959
Hawker, John Seth, B.Sc., Botany IIA	- - - - -	1957	Pullman, Brian James, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1959
Inman, Ross Banks, B.Sc., Chemistry I	- - - - -	1957	Reinfelds, Juris, B.Sc., Mathematical Physics IIA	- - - - -	1959
Kimber, Ronald Walter Lincoln, B.Sc., Chemistry I	- - - - -	1957	Rochow, Keith Arnold, B.Sc., Geology IIA	- - - - -	1959
Koerber, Brian Walter, B.Sc., Physics IIA	- - - - -	1957	Sallis, John Dalwood, B.Sc., Biochemistry IIA	- - - - -	1959
Kowanko, Nicholas, B.Sc., Chemistry I	- - - - -	1957	Sherwood, Leonie Marie, B.Sc., Botany IIA	- - - - -	1959
Mckellar, John Ralph, B.Sc., Chemistry IIA	- - - - -	1957	Stearne, John McKenzie, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1959
Mickan, Erwin Laurence, B.Sc., Physics I	- - - - -	1957	Weigold, Erich, B.Sc., Physics I	- - - - -	1959
Mumme, William Gustav, B.Sc., Geology I	- - - - -	1957	Whittle, Christopher Playford, B.Sc., Organic Chemistry I	- - - - -	1959
Nichol, Lawrence Walter, B.Sc., Chemistry I	- - - - -	1957	Williams, Kevin Graham, B.Sc., Physics I	- - - - -	1959
Risely, Barrie Grenville, B.Sc., Geology IIA	- - - - -	1957	Ayres, Dean Esmond, B.Sc., Geology IIA	- - - - -	1960
Snowell, Alan Marlow, B.Sc., Biochemistry I	- - - - -	1957	Brooks, Colin Charles, B.Sc., Geology IIA	- - - - -	1960
Tindall, Ronald Graham, B.Sc., Physics I	- - - - -	1957	Burley, Simon Peter, B.Sc., Physics IIA	- - - - -	1960
Williamson, Geoffrey Lea, B.Sc., Physics IIB	- - - - -	1957	Cheah, Dolly, B.Sc., Physiology IIA	- - - - -	1960
Winzor, Donald John, B.Sc., Chemistry I	- - - - -	1957	Chuah, Kim Leong, B.Sc., Mathematical Physics IIA	- - - - -	1960
Abele, Charles, B.Sc., Geology IIA	- - - - -	1958	Colvill, Anthony John Ernest, B.Sc., Physical and Inorganic Chemistry IIA	- - - - -	1960
Bagot, Charles Hervey, B.Sc., Physics IIA	- - - - -	1958	Dalgarno, Charles Robert, B.Sc., Geology IIA	- - - - -	1960
Beck, Kevin Charles, B.Sc., Geology I	- - - - -	1958	Eggleton, Richard Anthony, B.Sc., Geology I	- - - - -	1960
Byrne, Osman Roy, Genetics I	- - - - -	1958	Francis, Robert John, B.Sc., Physics IIB	- - - - -	1960
Capon, Ian Nicholas, B.Sc., Mathematics I	- - - - -	1958	Haslam, Christopher Osborne, B.Sc., Geology IIA	- - - - -	1960
Cattrall, Robert Walter, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1958	Hedger, Joy West, B.Sc., Physical and Inorganic Chemistry IIA	- - - - -	1960
Chong, Yoon Hin, Biochemistry IIA	- - - - -	1958	Jackson, Graham Douglas Fischer, B.Sc., Organic Chemistry IIA	- - - - -	1960
Deacon, Glen Berenger, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1958	Jory, Rodney Leonard, B.Sc., Physics IIA	- - - - -	1960
Ewers, William Hector, B.Sc., Zoology IIA	- - - - -	1958	Liljegen, David Roland, B.Sc., Organic Chemistry I	- - - - -	1960
Freytag, Ian Bernard, B.Sc., Geology IIA	- - - - -	1958	Lim, Khaik Leang, B.Sc., Mathematical Physics I	- - - - -	1960
George, Barbara Kay, B.Sc., Physics IIA	- - - - -	1958	Matthews, Brian Wesley, B.Sc., Physics I	- - - - -	1960
Levy, Judith Anne Winstanley, B.Sc., Genetics IIA	- - - - -	1958	Mason, Edith Kathleen Lillian, B.Sc., Physiology IIB	- - - - -	1960
McGowan, Brian, B.Sc., Geology I	- - - - -	1958	Mills, Kingsley John, B.Sc., Geology I	- - - - -	1960
Matthew, Evelyn Maime, B.Sc., Physics IIB	- - - - -	1958	Mitchell, Ian Vaughan, B.Sc., Physics IIA	- - - - -	1960
Moritz, Alan Gilbert, B.Sc., Organic Chemistry I	- - - - -	1958	Mitchell, Peter, B.Sc., Physics I	- - - - -	1960
Napier, Ian Murray, B.Sc., Organic Chemistry IIA	- - - - -	1958	Muecke, Peter Sunter, B.Sc., Biochemistry IIA	- - - - -	1960
O'Connor, Maxwell James, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1958	Oliphant, Michael John, B.Sc., Physics IIB	- - - - -	1960
Ollino, Richard, B.Sc., Physics IIB	- - - - -	1958	Schodde, Richard, B.Sc., Botany IIA	- - - - -	1960
Peter, Beth Ellen, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1958	Schultz, Peter Kasimir, B.Sc., Physical and Inorganic Chemistry IIA	- - - - -	1960
Porra, Robert John, B.Sc., Biochemistry IIB	- - - - -	1958	Slee, Walter Vernon, B.Sc., Physics I	- - - - -	1960
Price, Trafford Conon, B.Sc., Physics IIB	- - - - -	1958	Smyth, Michael Ewers Bayne, Zoology I	- - - - -	1960
Roper, Robert George, B.Sc., Physics IIA	- - - - -	1958	Stone, Brian James, B.Sc., Physics IIB	- - - - -	1960
Russell, Ronald Thomas, B.Sc., Geology I	- - - - -	1958	Storer, Robin George, B.Sc., Mathematical Physics I	- - - - -	1960
Schubert, Cedric Felix, B.Sc., Mathematics I	- - - - -	1958	Symons, Geoffrey David, B.Sc., Physics I	- - - - -	1960
Stanbury, Peter John Terence Cathcart, B.Sc., Zoology IIA	- - - - -	1958	Vitolins, Maija Irena, B.Sc., Bacteriology I	- - - - -	1960
Von der Borch, Christopher Carl, B.Sc., Geology IIA	- - - - -	1958	Webber, Brian John, B.Sc., Physics I	- - - - -	1960
Wilson, Ian Stewart, B.Sc., Zoology IIA	- - - - -	1958	Wells, Gregory Samuel, B.Sc., Mathematics I	- - - - -	1960
Au-Yong, Moh Cheng, Shirley, B.Sc., Bacteriology I	- - - - -	1959	Weir, Ronald Colin, B.Sc., Bacteriology IIA	- - - - -	1960
Buxton, John Balfour, B.Sc., Mathematics IIA	- - - - -	1959	Abbott, Warwick Donald Francis, B.Sc., Physical and Inorganic Chemistry IIA	- - - - -	1961
Chick, Malcolm, B.Sc., Biochemistry IIA	- - - - -	1959	Amos, Kenneth Albert, B.Sc., Mathematical Physics IIA	- - - - -	1961
Darskus, Rolf Ludwig, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1959	Antcliff, Gault Anderson, B.Sc., Physics I	- - - - -	1961
Dickson, Ronald Stanley, B.Sc., Physical and Inorganic Chemistry I	- - - - -	1959			
Fieldler, Donald Raymond, B.Sc., Zoology IIA	- - - - -	1959			
Goddard, Peter Norman Lighton, Mathematics I	- - - - -	1959			
Hearn, Anthony Clem, B.Sc., Mathematics I	- - - - -	1959			
Huang, Su-Eng, B.Sc., Organic Chemistry I	- - - - -	1959			

Auzins, Ieva, B.Sc., Microbiology I - - -	1961	Wigley, Tom Michael Lampe, B.Sc., Mathe-	
Boyd, Ashley James, B.Sc., Physics IIA - -	1961	matical Physics IIA - - -	1961
Brown, Denis Hackett, B.Sc., Physics IIB -	1961	Willoughby, Donald Ross, B.Sc., Geology IIA	1961
Brown, Raymond George, B.Sc., Geology IIA	1961	Wilson, Patricia Margaret, B.Sc., Biochemistry	
Cavenett, Brian Clifford, B.Sc., Physics IIA -	1961	I - - -	1961
Cooper, Richard Edgar, B.Sc., Geology I -	1961	Young, Christabel Marion, B.Sc., Mathematics	
Corbett, John Vincent, B.Sc., Mathematical		IIA - - -	1961
Physics I - - -	1961	Anthony, Wayne Richard, B.Sc., Mathematics	
Dodd, Lindsay Richard, B.Sc., Mathematical		IIB - - -	1962
Physics I - - -	1961	Arthur, Neville Langford, B.Sc., Physical and	
Evans, Geoffrey William, B.Sc., Organic		Inorganic Chemistry I - - -	1962
Chemistry IIA - - -	1961	Baker, Richmond Jeffrey, B.Sc., Physical and	
Ferguson, James, B.Sc., Physical and Inorganic		Inorganic Chemistry IIA - - -	1962
Chemistry IIA - - -	1961	Bubela, Bohdan, B.Sc., Biochemistry I - -	1962
Fidge, Noel Hadden, B.Sc., Biochemistry IIB	1961	Campbell, Allan Peter, B.Sc., Physics IIA -	1962
Franklin, Ian Robert, B.Sc., Genetics IIB - -	1961	Campbell, John Arthur, B.Sc., Mathematical	
Gooden, Edgar Whitridge, B.Sc., Dip.Ed.,		Physics IIA - - -	1962
Physical and Inorganic Chemistry I - - -	1961	Chandler, Graham Stanford, B.Sc., Organic	
Goodrich, John Eric, B.Sc., Organic Chemistry		Chemistry I - - -	1962
IIA - - -	1961	Cooper, Desmond Wishart, B.Sc., Genetics I -	1962
Grace, Muriel Jean, B.Sc., Mathematics I -	1961	Del Fabbro, Anthony John, B.Sc., Organic	
Harris, Roger Lawrence Newton, B.Sc.,		Chemistry IIA - - -	1962
Organic Chemistry I - - -	1961	Dobney, Philip Thomas, B.Sc., Physics IIA -	1962
Hart, Gavin, B.Sc., Organic Chemistry IIA -	1961	Drewer, Robert James, B.Sc., Organic Chemis-	
Harwood, Denis Arthur, B.Sc., Physical and		try I - - -	1962
Inorganic Chemistry IIA - - -	1961	Edgar, John Alexander, B.Sc., Organic Chem-	
Hearfield, Ian Venters, B.Sc., Physical and		istry IIA - - -	1962
Inorganic Chemistry I - - -	1961	Edgeloe, Michael John, B.Sc., Mathematics	
Heath, George Ross, B.Sc., Geology I - -	1961	IIA - - -	1962
Huppatt, John Lawrence, B.Sc., Organic		Ellerton, Hugh David, B.Sc., Physical and	
Chemistry I - - -	1961	Inorganic Chemistry IIA - - -	1962
Jeffrey, Peter Dalrymple, B.Sc., Physical and		Fong, Lian Hern, B.Sc., Physics IIA - - -	1962
Inorganic Chemistry I - - -	1961	Gray, Allen Bruce, B.Sc., Organic Chemistry	
Jenkin, John Grenfell, B.Sc., Physics I - -	1961	IIB - - -	1962
Jones, Alan Stuart, B.Sc., Mathematics I -	1961	Hosking, Roger John, B.Sc., Mathematical	
Karthigasu, Kula Thungam, B.Sc., Micro-		Physics IIA - - -	1962
biology IIA - - -	1961	Kammer, Monica Vivienne, B.Sc., Physics IIA	1962
Klaebe, Kenneth Eric, B.Sc., Mathematical		Kappelle, Karel, B.Sc., Geology IIA - - -	1962
Physics I - - -	1961	Lee, David Harry, B.Sc., Mathematics I -	1962
Krishnapillai, Vijayasehari, B.Sc., Micro-		Leydon, Robert John, B.Sc., Organic Chemis-	
biology I - - -	1961	try IIA - - -	1962
Laslett, Robert Lacy, B.Sc., Organic Chemistry		Lloyd, Alan Russell, Geology IIA - - -	1962
IIA - - -	1961	Lord, John Russell, B.Sc., Geology IIA -	1962
Lawry, Peter Sheldon, B.Sc., Physical and		Marshall, Nicholas James, B.Sc., Geology IIA	1962
Inorganic Chemistry IIA - - -	1961	Maynard, Robert Keith, B.Sc., Physics IIA -	1962
McCoy, Donald George, B.Sc., Physics I -	1961	Mills, Richard Graham John, B.Sc., Mathe-	
McLaughlin, Ian Leonard, B.Sc., Mathematical		matical Physics IIA - - -	1962
Physics IIA - - -	1961	O'Shea, John Martin, B.Sc., Organic Chemis-	
Nelson, Peter John, B.Sc., Organic Chemistry		try IIB - - -	1962
IIA - - -	1961	Passmore, John Roger, B.Sc., Geology IIA -	1962
Novotny, Jaroslav, B.Sc., Organic Chemistry		Parkin, Ian Andrew, B.Sc., Physics IIB - -	1962
IIA - - -	1961	Payne, Allan Barrie, B.Sc., Mathematics IIB	1962
Offier, Robin, B.Sc., Geology IIA - - -	1961	Pocock, Kenneth John, B.Sc., Geology I -	1962
Olliver, Jeffrey Graham, B.Sc., Geology IIA	1961	Pontifex, Ian Russell, B.Sc., Geology IIA -	1962
Paddick, Anthony William, B.Sc., Physics IIB	1961	Porter, Christopher Robert, B.Sc., Geology IIA	1962
Ramsay, George Caird, B.Sc., Organic		Reinfelds, Gundega, B.Sc., Physical and In-	
Chemistry I - - -	1961	organic Chemistry I - - -	1962
Sanderoock, Edward Robert, B.Sc., Physics IIA	1961	Ruthven, Max Graham, B.Sc., Physical and	
Scott, Roland Alexander David Byron, B.Sc.		Inorganic Chemistry IIB - - -	1962
Mathematics I - - -	1961	Sag, Thomas William, B.Sc., Mathematics I -	1962
Seppelt, Brian Maxwell, B.Sc., Physics I -	1961	Smith, David Aitchison, B.Sc., A.U.A. (Music)	
Shepley, Kathryn Florence, B.Sc., Biochemistry		Physics I - - -	1962
I - - -	1961	Swann, John Christopher, B.Sc., Physical and	
Simpson, Brian Clifton, B.Sc., Physical and		Inorganic Chemistry I - - -	1962
Inorganic Chemistry I - - -	1961	Taylor, Graham Frank, B.Sc., Physical and	
Sved, John Andrew, B.Sc., Genetics IIA -	1961	Inorganic Chemistry IIA - - -	1962
Szekeress, Peter, B.Sc., Mathematics I - -	1961	Theile, Wayne Kerwin, B.Sc., Geology IIA -	1962
Teubner, Peter John Osmond, B.Sc., Physics		Virgo, David, B.Sc., Geology IIA - - -	1962
IIA - - -	1961	Von der Borch, Sandra Marie, B.Sc., Zoology	
Thomas, Josephine Anne, B.Sc., Physical and		I - - -	1962
Inorganic Chemistry I - - -	1961	Waechter, Raymond Trevor, B.E., B.Sc.,	
Tuck, Ernest Oliver, B.Sc., Mathematics I	1961	Mathematics I - - -	1962
Weigold, Helmut, B.Sc., Physical and In-		Williams, Lyall Richard, B.Sc., Organic	
organic Chemistry I - - -	1961	Chemistry I - - -	1962
		Yeomans, Frank Edward, B.Sc., Mathematical	
		Physics I - - -	1962

## HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

Dean, Harry Michael, Physiology I - - -	1960	Favilla, Ian, Biochemistry IIB - - -	1962
Gabb, Bronte Winston, Genetics I - - -	1961	Harding, Philip Ernest, Physiology IIA - - -	1962
Hopcroft, Stanley Cecil, Pharmacology IIB -	1961	Johnson, Nicholas, Biochemistry IIB - - -	1962
Miller, Colin David John, General Pathology		Perriam, Donald John, Genetics IIB - - -	1962
IIA - - -	1961	Roman, Desmond, Physiology IIA - - -	1962
Muller, Hans Konrad, General Pathology IIA	1961		

## HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY

Blanden, Robert Vincent, B.D.S. IIA - - -	1962
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## HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Beltrame, Gino Ernest, Mechanical II	1957	The, Gregorius Maria Swie Siong, Electrical I	1960
Bowyer, Donald Albert, Mechanical II	1957	Weller, Keith Russell, Metallurgical and Chemical I	1960
Butcher, Ian Robert, Electrical I	1957	Wigg, Hugh Higham, Electrical II	1960
Edwards, Graham William, Mechanical II	1957	Andrews, Francis Brian, Electrical II	1961
Goodale, Peter Lewis, Mechanical I	1957	Ball, John Minchin, Metallurgical and Chemical II	1961
Green, Harry Edward, Electrical I	1957	Bamford, Robert Leslie, Mechanical II	1961
Henderson, Ronald George, Electrical I	1957	Beacham, Kenneth William, Electrical II	1961
Kwok, Hae Leong, Civil I	1957	Cameron, Robert Alastair, Metallurgical and Chemical I	1961
Lim, Kwang Hua, Electrical I	1957	Chong, Chow Pang, Mechanical II	1961
Liu, Hua-an, Civil II	1957	Clayton, Peter Scott, Metallurgical and Chemical II	1961
Mercer, Donald James, Mechanical I	1957	Hart, John Austin, Metallurgical and Chemical II	1961
Nolte, Bryan Trevor, Electrical II	1957	Hawryszkiewicz, Igor Titus, Electrical I	1961
Robinson, John Walton, Electrical I	1957	Howe-Piening, Robert, Civil II	1961
Tolmie, Ronald Philip, Electrical II	1957	Inglis, Geoffrey Russell, Mechanical I	1961
Waechter, Raymond Trevor, Electrical II	1957	Jones, Trevor Robert, Civil II	1961
Westley, John French Hebbard, Mining I	1957	Kelly, Bryan Llewellyn, Metallurgical and Chemical I	1961
Billingham, Onslow Chestle, Civil I	1958	Lee, Yee Cheong, Electrical I	1961
Gray, Neil Boon, Metallurgical and Chemical I	1958	McKay, Brian John, Electrical II	1961
Reinsons, Ivis John, Civil II	1958	Miller, Michael Joseph, Electrical II	1961
Chan, Chee Wah, Civil II	1959	Miller, Roland John, Mechanical II	1961
Dawson, Anthony James, Civil I	1959	Mullan, Barry James, Electrical II	1961
Downer, John William, Civil II	1959	Potter, Robert James, Electrical I	1961
Field, Graham John, B.E., Metallurgical and Chemical I	1959	Read, Anthony Llewellyn, Civil I	1961
Fong, Yeng Soh, Civil II	1959	Rimmer, David Barry, Civil I	1961
Gates, Malcolm John, Electrical I	1959	Scales, Peter James, Civil I	1961
Haskard, Malcolm Rosswyn, Electrical I	1959	Schroeder, Harold, Civil I	1961
Hercus, Robert William, Mechanical I	1959	Shepherd, Kenneth John, Civil II	1961
Hoepner, Robert John, Mechanical I	1959	Sim, Cheok Lim, Civil I	1961
elly, Robert John, Metallurgical and Chemical I	1959	Truscott, Edward Glen, Civil I	1961
Kennedy, Michael Brian, Electrical I	1959	Wallace, Peter Richard, Electrical II	1961
Khor, Teik Hean, Michael, Electrical II	1959	Wilson, Christopher John, Mechanical II	1961
Northcote, Geoffrey Graham, Mining I	1959	Bishop, Peter Joseph, Metallurgical and Chemical IIA	1962
Oh, Kong Yew, Civil I	1959	Choong, Thong Cheong, Mechanical IIB	1962
Robinson, Michael Laurence, Mechanical I	1959	Collins, David Anthony, Metallurgical and Chemical IIB	1962
Sag, Andrew Gabriel, Mechanical I	1959	Colliver, Anthony David, Mechanical I	1962
Schmid, Laurence John, Civil I	1959	Culley, Murdoch, Mechanical IIA	1962
Schwartz, Barry Walter, Civil I	1959	Foot, Colin John, Mechanical IIB	1962
Slee, Graham Haughton, Mechanical II	1959	Frick, Anthony James, Civil I	1962
Tam, Chat Tim, Civil II	1959	Gunaratnam, Daniel, Civil I	1962
Toh, Kim Thyne, Civil I	1959	Hale, Malcolm Robert, Mechanical I	1962
Wigglesworth, Sidney Thomas, Mechanical II	1959	Haskard, Donald Leith, Electrical I	1962
Biggins, George Edward, Electrical II	1960	Hoh, Kiang Hoy, Civil IIA	1962
Bishop, Michael Marriott, Mechanical I	1960	Jansen, Geoffrey Clive, Mechanical I	1962
Brooks, Bruce Allen, Civil II	1960	McIntosh, Andrew Lochell, Mechanical IIB	1962
Clegg, Michael John, Metallurgical and Chemical II	1960	Ooi, Boon Teck, Electrical I	1962
Cox, John Baxter, Civil I	1960	Pascoe, Timothy Lawrence, Civil I	1962
Davis, Bruce Raymond, Electrical I	1960	Phillips, John Townley, Civil I	1962
Dunn, Melville Desmond, Mechanical II	1960	Robinson, Philip Arthur, Mechanical I	1962
Gottschall, Martin, Mechanical I	1960	Rogers, Kerry Llewellyn, Metallurgical and Chemical IIB	1962
Johns, Rodger Norman, Civil I	1960	Smith, Brian Ewan, Civil IIB	1962
Jorgensen, Francis Richard Arthur, Metallurgical and Chemical I	1960	Sobolewski, John, Electrical IIA	1962
Karolyi, George, Electrical I	1960	Stokes, Roger David, Civil I	1962
Kilpatrick, Iain David, Electrical II	1960	Thyer, George Maitland, Mechanical IIA	1962
Leong, Luen Kit, Electrical I	1960	Vladcoff, Adrian Nicholay, Electrical I	1962
Messenger, Malcolm James, Metallurgical and Chemical II	1960	Vu, The Bao, Electrical I	1962
Ronch, John Robert, Metallurgical and Chemical II	1960	Zockel, Manfred, Mechanical I	1962
Silver, Graham Bindley, Electrical II	1960		
Symons, Frederick John Walter, Electrical I	1960		
Temby, Allen Christopher, Electrical I	1960		

## HONOURS DEGREE OF BACHELOR OF APPLIED SCIENCE

Williams, David Reginald Glyndwr, B. Tech., I	1961	Armstrong, Graeme John, B.App.Sc., Applied Chemistry I	1962
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## HONOURS DEGREE OF BACHELOR OF ARCHITECTURE

Griggs, Arden Michael, I	1961	Russell, John Victor, II	1961
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## HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Buttrose, Mark Sinclair, B.Ag.Sc. I	1957	Hawkins, Henry Stuart, Agronomy IIB	1958
Sedgley, Ralph Harold, B.Ag.Sc. IIA	1957	Van Velsen, Reuben John, Plant Pathology IIA	1958
Shepherd, Kenneth William, B.Ag.Sc. I	1957	Kennedy, Geoffrey Sydney, B.Ag.Sc., Agronomy IIA	1959
Birks, Peter Roland, Entomology IIB	1958		

Taylor, James Bruce, Plant Pathology IIA - 1959	Radcliffe, John Clive, B.Ag.Sc., Agronomy IIA - 1961
Williams, Baden George, B.Ag.Sc., Soil Science IIA - 1959	Simons, David Henry, B.Ag.Sc., Plant Physiology IIA - 1961
Dodman, Robert Louis, B.Ag.Sc., Plant Pathology I - 1960	Taylor, Brian Kenwyn, B.Ag.Sc., Plant Physiology I - 1961
Fawcett, Robert Graham, B.Ag.Sc., Soil Science I - 1960	Theng, Kian Goan, Benny, B.Ag.Sc., Soil Science I - 1961
Moller, William John, B.Ag.Sc., Plant Pathology IIA - 1960	Bottrill, Dean Edward, B.Ag.Sc., Agricultural Biochemistry IIB - 1962
Ross, Maxwell Alexander, B.Ag.Sc., Plant Physiology IIA - 1960	Burford, John Roland, B.Ag.Sc., Soil Science IIB - 1962
Wells, Julian Richard Este, B.Ag.Sc., Agricultural Biochemistry I - 1960	Hicks, Peter George, B.Ag.Sc., Plant Pathology IIB - 1962
Young, Richard Scott, B.Ag.Sc., Agronomy IIA - 1960	Murray, Andrew Walter, B.Ag.Sc., Agricultural Biochemistry IIB - 1962
Basson, Alfred Graham, B.Ag.Sc., Entomology IIA - 1961	Pratt, Bryan Harry, Plant Pathology IIA - 1962
Djajakusumah, Taty Rahmatiah, B.Ag.Sc., Entomology IIA - 1961	Puckridge, Donald William, B.Ag.Sc., Agronomy I - 1962
Edwards, David George, B.Ag.Sc., Soil Science I - 1961	Randles, John Wesley, B.Ag.Sc., Plant Pathology IIA - 1962
Muljadi, Djojmartono, B.Ag.Sc., Soil Science IIA - 1961	Scott, Nigel Steele, B.Ag.Sc., Agricultural Biochemistry IIB - 1962

HONOURS DEGREE OF BACHELOR OF LAWS

For previous lists see Calendars from 1961

Cornish, William Rodolph, I - 1960	Kelly, David St. Leger, II - 1961
Prior, Graham Clifton, I - 1960	Clark, Sandford Delbridge, II - 1962
Debelle, Bruce Malcolm, II - 1961	Finnis, John Mitchell, I - 1962
Gervasi, Ila Lydia, II - 1961	

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere - 1946	Ferdinandy, Laszlo - 1958
Abbott, Herbert Lewis - 1933	Fischer, Robert John - 1949
Adcock, John Bartlett - 1931	Fisher, Francis Robert - 1949
Alderman, Henry Graham - 1917	Fisher, Guy - 1920
Alderman, John Kevin - 1938	Fleming, Stanley Hugh - 1902
Alderman, John Robinson - 1950	Fletcher, John Weld - 1940
Andersen, Neville Paul - 1962	Fox, John Henry - 1895
Ashton, Edward James Wilberforce - 1896	Fricker, Malcolm Swanson - 1956
Ashton, Thomas Edward - 1941	Gelston, Hedley Ringrose - 1914
Astley, Michael John - 1950	Genders, Alexander Forbes - 1949
Atkinson, Alfred Harris Owst - 1900	Gibson, Reginald Mends - 1923
Badger, Magnus - 1918	Gifford, Alfred Silva Harrill - 1919
Bakewell, William Kenneth - 1908	Giles, Acland - 1905
Bearworth, William Carl - 1932	Gillman, Joseph Fisher - 1921
Bennett, Henry Trevor - 1949	Goldsworthy, Napier Lytton - 1949
Boucaut, Douglas le Rey - 1927	Goldsworthy, Spencer Gordon - 1916
Boucaut, George Hiles - 1906	Goldsworthy, William Beazley - 1903
Boucaut, Ian Penn - 1930	Goode, David Russell - 1949
Brebner, Charles Ross - 1953	Goode, Evan Anderson - 1926
Bright, William Stuart - 1904	Gordon, Leslie Kenneth - 1947
Buttrose, Murray - 1927	Grubb, Roy William - 1949
Carne, Alfred George - 1931	Gun, Clement Townsend - 1920
Cheek, Reginald Heithersay - 1921	Gun, John Townsend - 1953
Ciberas, Stasys - 1956	Gun, Lloyd Townsend - 1949
Claridge, Philip James - 1947	Hague, Percy - 1897
Clark, John Osborne - 1935	Hall, Robert Fishburn - 1936
Clarke, Laurence Eric - 1920	Harders, Clarence Waldemar - 1943
Cleland, Peter Fullerton - 1939	Hardy, John Scott - 1926
Cleland, Thomas Erskine - 1919	Harford, Basil Beverley - 1928
Cocks, Arthur Wellesley - 1936	Hargrave, Charles Townshend - 1904
Collins, Dean Francis - 1947	Hargrave, Lancelot Morton Spiller - 1921
Collison, Frank Lloyd - 1926	Harry, Richard Varley - 1937
Colquhoun, Colin Roy - 1928	Hay, Frederick Dean - 1934
Coventry, Charles James - 1911	Hayward, Cedric Charlie - 1923
Cresswell, George Edwin - 1929	Healy, Kevin John Bernard - 1915
Cutlack, Peter Robert - 1926	Heseltine, Samuel Richard - 1903
Daly, Kevin Joseph - 1943	Heuzenroeder, Rudolph Hermann - 1913
Davenport, Arthur Vernon - 1916	Heuzenroeder, William Ritter - 1929
Davey, John Ryan - 1938	Hilton, Keith Denyer - 1947
Davey, Robert Shannon - 1915	Hodby, Herbert Charles - 1922
Davies, Cecil Ernest - 1928	Holland, George Harold - 1920
Davis, Raymond William - 1934	Holland, William Corin - 1909
Davison, John Hubert Hawdon - 1908	Homburg, Hermann - 1896
Davoren, Michael Dominic - 1940	Homburg, John Hamilton - 1939
Davoren, Thomas Anthony Francis - 1937	Homburg, Renolf - 1929
Dawe, Reginald Stanley - 1936	Homburg, Robert - 1897
Denny, William Joseph - 1908	Humby, Rexton James - 1943
Dow, Ian Baird - 1949	Hunt, William Robert - 1919
Edmunds, Keith Stacey - 1937	Hutchison, Charles Vernon Stuart - 1937
English, John Arthur - 1952	Innis, Kenneth Norman - 1925

## ASSOCIATES OF THE UNIVERSITY

Jacobs, Samuel Joshua	1946	Pearson, Charles Mason	1917
James, Alfred Charles	1899	Penny, Bertram Stephens	1908
Jessup, George Aubrey	1933	Philcox, Claude Joseph Owen	1929
Johnson, James Howard	1900	Povey, Edward	1916
Johnston, Laurence Frederick John	1931	Power, Louis Bertrand	1937
Jordan, David Wallace	1949	Puddy, Albert Forwood	1934
Kearney, Beasley James William	1925	Pyne, William Ewart	1915
Keats, Frederick Phillips	1909	Rankin, Henry Oliver Arthur	1912
Kennedy, Donald Angas	1904	Reed, Douglas	1940
Kerin, William Francis	1944	Reeves, Charles Wheatley	1924
Kinnane, Alexander John	1935	Regan, James William	1913
Kirkman, Kenneth Hainsworth	1918	Reid, Walter Gliddon	1909
Lake, Clement William Hingston	1907	Reilly, Matthew Leonard	1939
Leslie, John	1922	Roberts, Donald Arthur	1912
Lewis, Stanley Heathcote	1927	Rollison, Gerald Dominic	1927
Little, Egbert Percy Graham	1898	Rollison, William Alexander	1915
McCann, William Francis James	1925	Ronald, Stewart Douglas	1910
McCarthy, James Crimeen Ellery	1925	Rutter, George Lyall	1920
McCarthy, Neil Douglas	1955	Rymill, Arthur Campbell	1928
McEntee, Kevin Vincent	1931	Sampson, Joyce Holman	1952
McEwin, George	1897	Sanderson, Kenneth Francis Villiers	1918
McGee, Edward Patrick	1933	Shepherd, Joseph Scoresby	1899
McGee, John	1916	Shepherd, Scoresby Arthur	1957
Mackay, Alan Justin	1936	Smith, Frank Seymour	1914
Mackenzie, Charles Norman	1909	Smith, Francis Villeneuve	1906
McLachlan, Ian	1932	Smith, Francis Vynar	1960
McLeay, Marshall John	1927	Smith, Paul Teesdale	1920
Magarey, Ashley Henderson	1932	Solomon, Helen Ethel	1933
Marshall, John	1951	Solomons, Phillip Roland Nathan	1939
Martin, Hugh Wallis	1920	Somerville, Archibald John	1952
Mathews, Llandaff Brisbane	1924	Sowry, Peter Reginald	1960
Matson, Victor Charles	1945	Sparrow, Cyril Keith	1921
Matulich, Ross Noel	1949	Stokes, Robert Francis	1938
Mellor, James Corry	1949	Sutherland, Allan James Lavis	1919
Mellor, Thomas Reginald	1915	Swan, William Alfred	1948
Menzies, Stewart Keith	1937	Sweeney, John Grant	1915
Mitchell, George Wilfrid	1920	Sykes, Howard de Pledge	1936
Mitchell, John Elsom	1920	Tapley, Willis Wayte	1909
Millhouse, Vivian Rhodes	1323	Treloar, James Leonard Sydney	1923
Mills, Elliott Whitfield	1925	Tucker, Reginald Mervyn	1915
Mollison, Thomas	1940	Vandenbergh, William John	1896
Morris, Gronwy Lewis	1928	Von Bertouch, Leopold	1920
Muirhead, Henry Mortimer	1932	Von Doussa, Stanley Bowman	1901
Mullighan, Edward Picton	1909	Von Doussa, William Louis	1924
Mutton, Carlyle Herbert	1962	Wald, Irving Dale	1923
Napier, Robert Mellis	1938	Wallace, Anthony Verschuer	1960
Nesbit, Hubert Gordon Paris	1936	Wallace, James Angove	1961
Nesbit, Lancelot Julian	1915	Wallace, Norman Verschuer	1920
Nesbit, Reginald George	1925	Ward, Henry Torrens	1900
Newman, Douglas Ralph	1900	Warren, Sydney John	1911
Newman, Lloyd Kingsley	1949	Weaver, Alfred Charles	1903
Newman, Ralph Frederic	1962	Webb, Beecher Noel	1930
Nicholls, Theodore Henry	1921	Whimpress, Thomas Abraham	1934
Nickolls, Peter Michael	1900	Wilkinson, John Maynard	1962
Nitschke, Galva Dennis	1952	Williams, Dudley Charles Call	1946
Nuske, Sydney Gordon	1954	Williamson, James Aubrey	1925
Odlum, Reginald Lance	1954	Worth, Frank Lindsey	1932
O'Grady, Francis Ignatius	1937	Wright, Sydney Charles Grenville	1923
Owen, William Frederick	1939	Yelland, Dene Sturt	1930
Pavy, Emily Dorothea, B.A.	1906	Young, Martin	1933
Pavy, Gordon Augustus	1928	Ziesing, George Ignatius	1919
Pearce, Peter Sydney	1924		
	1956		

## ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Bowen, Gordon Melville	1935
Adamson, Myrtle Gwendoline	1918	Brand, Marguerite Mary	1958
Alexander, Mary Vera	1917	Brindal, Ellen Grace	1922
Allgrove, Beatrice Jane	1951	Brooks, Doreen Mavis	1940
Anderson, Jean	1936	Brooks, Merle Olive	1942
Andrew, Una Lois	1915	Brown, Kathleen Mary	1917
Ashton, Kathleen Anne	1935	Bruggeman, Martha Dorothy	1904
Attwell, Edna Marie	1918	Burnard, David Alexander	1925
Badenoch, Constance Mary	1921	Byrne, Mary Teresa	1927
Bampton, Alfred John	1915	Cadd, Hartley Blair Hogarth	1951
Barbour, Dorothy Jean	1928	Cann, Melvyn Roy	1962
Barmden, Vina Melba	1933	Carmichael, Doris Darby	1923
Barry, Margaret Mary	1927	Catt, Shirley Pearson Clifford	1938
Basedow, Ivy Marie	1912	Chapman, John Pearce	1958
Bates, Edgar Clarence	1929	Chappell, Glenys Melba	1961
Baulderstone, Clarice Moore	1923	Chappell, Phyllis Harvey	1924
Bettcher, Lila Margaret	1955	Check, Alan Carvosso	1929
Bice, Brenda Mae	1957	Check, Muriel Elizabeth	1900
Black, Edward William	1923	Cilento, Gladys Muriel West	1913
Booth, Jean Marie	1941	Cockburn, Julia Evelyn	1930

Coleman, Rosemary Ann	1955	Kermode, Merrowyn May	1961
Collins, Ella Mary	1916	King, Margaret Jessica Esme	1956
Collins, Yensie Margaret	1937	Kinmont, Rosamond	1924
Commans, Teresa Audrey	1938	Klose, Patricia Mary	1950
Coonan, Mary Madeline	1955	Kneebone, Joan Adelaide Cavell	1938
Coonan, Rita Norlean	1919	Knowling, Gwenda	1952
Coumbe, Hurtle Harold	1912	Kollosche, Samuel	1910
Counter, Beryl Cole	1924	Lambert, Margaret Ann	1960
Cowan, Diana Jean	1960	Langford, Joan	1952
Cozens, Vida Victoria	1928	Lawton, Josephine Margaret	1956
Craig, Margaret Heather	1955	Lee, Marjorie Freda	1926
Crampton, Daisy Myrtle	1945	Leonard, Mary Joselyn	1956
Cresswell, Muriel Blanche Lillecrapp	1925	Levy, Juliette Isabelle Hinde	1961
Cronin, Alice Elsie	1937	Lindb, Carlene Margaret	1958
Curry, Shirley-Anne	1955	Litchfield, Jean Rainsbury	1926
Daenke, Dorothy Lucy	1929	Lodge, Elizabeth Florence Cranston	1953
Davy, Rubia Claudia Emily	1903	Luxton, Jean Estcourt	1952
d'Arcy-Irvine, Alice Bond	1913	McDermid, Neil Harvey	1956
Day, Florence Muriel	1913	McDonald, Marjorie Jean	1962
Dick, Pauline May	1950	McGrath, Constance Cecily	1926
Dix, Jessica Laura	1928	McGregor, Dorothy Mary	1930
Edwards, Herbert Percival	1922	McKinnon, Clara Elizabeth	1942
Ekers, Theodora Allman	1930	McLaughlin, Eric Enstone	1926
Evans, Bert	1913	McMahon, Mary Carmel	1955
Ewing, Violet Emily	1958	Macpherson, Margaret Webster	1957
Ey, Kathleen Elsie	1938	Mallon, Alice Mary	1923
Finch, Laura Evelyn	1932	Manning, Hilda Mahala	1902
Fisher, Helena Catherine	1924	Marker, Lois Beatrice	1951
Flaherty, Annie Josephine	1907	Marrett, Hannah Olive	1926
Foale, Harold Robert	1925	Martin, Thelma Dorothy	1917
Francis, Bessie	1925	Matters, Arnold Hatherleigh	1926
Francis, Violet Leone	1929	Mayfield, Vera Selina Gwendoline	1927
Freeman, Ivy Gwendolen McLeod	1931	Mead, Janet Carolyn	1959
Gallasch, David Russel	1957	Mears, Kathleen Devenish	1955
Gard, Harold John	1918	Meegan, Alice	1922
Gehling, Ronda Beryl	1940	Meegan, Kathleen Mary	1917
Gersch, Paul Johannis	1954	Merchant, David John	1952
Geyer, Clem August	1922	Mewkill, Paula Mary	1915
Giles, Allan Leonard	1949	Mills, Gene Louise	1950
Gill, Hilda Beatrice	1916	Mitchell Elizabeth Anne	1956
Gillespie, Jean Kathrin	1937	Morley, Evelyn Mabel	1925
Glatz, Laurina Ruby	1929	Morton, Mary Ruth	1931
Gmeiner, Clarice Haidee Beatrice	1924	Murray, Joan	1954
Goss, Lucy Vera	1909	Narroway, Peter Kingsford	1951
Goyder, Patricia	1937	Naylor, Ruth Winnifred	1924
Grange, Marilyn Lyle	1962	Norman, Jean Margaret	1928
Gray, Lorna Dorothy	1950	Oldham, Dorothy	1914
Gray, Marylouise	1957	Paddon, Una Margery	1920
Griffiths, George Townsend	1914	Paley, Clifford Arnold, B.A.	1941
Griggs, Arden Michael	1957	Palmer, Ethel Rose	1918
Groth, Fred	1929	Palmer, Judith Anne	1955
Grosser, Eileen May	1924	Parham, Marlene Marie	1955
Gunning, Shelley Anne Stannus	1958	Parkinson, Charlotte Ethel Violet	1901
Gurner, Ruth Eleanor	1962	Pascoe, Philippa Mary	1947
Hakendorf, Carmel Mary	1947	Pearson, Kathleen Crawford	1923
Haese, Beth Theodora	1940	Penalurick, Lola	1921
Hales, Malcolm Roy	1948	Perkins, Horace James	1926
Hancock, Mary Frewin	1928	Perkins, Marie Pauline	1948
Hantke, Ethel Hilda Hedwig	1902	Perry, Margaret Fay	1950
Hartmann, Sonia Annette	1960	Phipps, Charlotte Lucy Barkwell	1905
Harvey, Faith Fairbank	1943	Pitcher, Alison Claire	1962
Hearne, Janice Lesley	1962	Porter, James Lincoln	1957
Heck, Judith Anne	1958	Prince, Jean Florence	1921
Henry, Gladys Amy Thelma	1926	Prince, Muriel Marjory	1923
Hine, Clytie May	1908	Puddy, Betty Froome	1931
Hoche, Edith	1908	Puddy, Maude Mary	1900
Hogon, Eileen Margaret	1917	Pyne, Tryphena Grace	1918
Holder, Alison Joyce	1938	Quick, Alison Rae	1960
Holman, Frank Reginald	1919	Reimann, Hilda Marie	1912
Holmes, Patricia Langley	1948	Reimann, Leta Edith	1932
Hooker, George	1945	Renou, Jean Lois	1923
Horgan, Lillian Veronica	1936	Riedel, Melita Wanda	1918
Hounsell, Marjorie Nora Drew	1938	Roach, Mary Moyle	1910
Howard, Winnifred Jean	1917	Roberts, Winifred Sophie	1911
Hurn, Mavis Lacey	1926	Robinson, Mary Patricia	1935
Hyde, Miriam Beatrice	1928	Rofe, Joyce Newton	1933
Ingham, Myrtle Lavinia	1916	Rowe, Elsie Maud	1919
Jacobs, Doreen Miriam	1938	Rowe, Florence Nellie	1914
James, Doris	1912	Rozelaar, Marie	1960
James, Vida Margretta	1917	Rudemann, Elsa Wilhelmine	1903
Jones, Lewis La Vence	1919	Sansom, Joyce Mary	1940
Joyce, Kate	1904	Sara, Lily Emmaline	1916
Kartomi, Margaret Joy	1961	Sayers, Alice Mabel	1901
Keen, Lillian Guard	1920	Scammell, Ethelwyn	1910
Kemp, Francis Joseph Edmund	1928	Schramm, Kathryn	1954
Kemp, Marion Kirkwood	1903	Searle, Hartley Malcolm, B.A., B.Sc.	1939

Shapley, Dorothy Alice	1939	Tuck, Joyce Edith	1940
Shephard, Beatrice Joan	1935	Tuck, Vivien Margaret	1941
Shipway, Margaret Elizabeth	1953	Tunks, Flora Marion	1931
Short, John Thomas Gordon	1907	Vardon, Daisy	1914
Siggs, Meredith Lillian	1961	Verco, Alison Martha	1950
Simcock, Hilda May	1917	Verco, Gladys Kathleen	1928
Sinclair, Jean Lily	1924	Vick, Lloyd Winston	1937
Slee, John Stevens	1952	Virgo, Jean Ysobel	1934
Smith, David Aitchison	1960	Virgo, Violet Myra	1919
Smith, Imelda Catherine	1930	Wall, Myrtle Trilby	1917
Smith, Margaret Joan	1950	Wallmann, Beatrice May	1909
Solomon, Betty	1930	Walsh, Lillian May	1926
Spehr, Francesca	1901	Warnecke, Mary Isabel	1954
Spriggs, Harriet Rosetta	1919	Watts, Mollie Louisa	1930
Stoneman, Doreen	1921	Webb, Irene Margaret Thomson	1926
Stoneman, Olivia Charlotte	1930	Wesley Smith, John Jeremy	1961
Summers, Phyllis Harvey	1930	Whillas, Helen May	1901
Swincer, Patty	1948	White, Elizabeth Alice	1953
Symon, Elizabeth Jean	1959	Whittington, Clytie Myrtle	1917
Taylor, Gladys Leslie	1908	Whittington, Sylvia Muriel	1911
Taylor, Jean Rosabelle	1926	Wibberley, Brian	1908
Terry, Athalie May	1960	Wiebusch, Adele Maria Dorothea	1924
Thomas, Sylvia Caroline Curtis	1921	Williams, Hartley	1929
Thrush, Annie Vera	1915	Williams, John Alexander	1925
Tidemann, Ernest Phillips	1927	Williams, Mervyn Ewart Lancelot	1924
Tonkin, Phyllis Anna	1923	Williamson, Arthur Burton	1908
Tosolini, Palmira Rose	1951	Wollaston, Margaret Thirlmere	1941
Treloar, Fay	1957	Wordie, Ada Winifred	1918
Trenerry, Thora	1944	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, Theodora Richard	1906	Russack, Friedrich Wilhelm	1907
McMichael, Clunie Brice	1904	Threadgold, Stanley Garfield	1907

## ASSOCIATES IN COMMERCE

Abbott, John Raymond	1950	Battye, Ross	1920
Abbott, Norman Frank	1930	Baulderstone, Donald	1935
Adams, Harry	1931	Baxter, Donald Bruce	1950
Adams, Helen Jean	1929	Bayly, Edward Benjamin	1910
Adams, John Clifford, B.Ec.	1949	Bayly, Ernest Edward	1924
Adamson, Alfred Victor	1926	Bayly, George Lancelot	1929
Adamson, Harold Stanley	1921	Bayly, Jack Harold Fellowes	1931
Addicoat, Bryan John	1947	Bayly, William Lawes	1918
Ahrens, Frank Leo	1945	Beaney, Henry Finlay	1928
Aitchison, Donald Leslie Judson	1939	Beauchamp, Shirley Frances	1949
Alderman, John Robinson	1937	Belcher, Milton Judson	1928
Aldritt, Donald Thomas	1951	Belfer, Jacob	1944
Allen, Jack	1937	Bennie, John Smith	1938
Allingame, George William Davis	1935	Berck, Lionel Neil	1945
Andersen, Clifford Werlin	1927	Berriman, Alfred Andrew	1923
Anderson, John Donald	1948	Berry, Leslie Robjohns	1937
Anderson, Murray James	1955	Besley, Lillian Ray	1935
Anderson, Reginald Hamp	1910	Bice, Norman Percival	1950
Angel, Norman Sidney	1930	Bice, Roy George	1953
Angel, Ronald Frank	1930	Biddell, Douglas Gordon	1957
Annels, Herbert Edward	1908	Biddle, John Parr Harding	1925
Annels, Robert Harvey	1939	Biggs, James Marshall	1925
Arbon, Jack Fulton	1953	Blackwell, Hazel Annie	1931
Arndt, Max Raymond	1956	Blair, James Beaton	1925
Arnold, Raymond Borman	1949	Blair, Ruth Margaret	1940
Arthur, Maude Jessie	1934	Blanch, Clement Edward	1949
Ashby, William Maxwell	1943	Bleckley, Graham William	1952
Ashton, Alec James	1935	Bloomfield, Jack Lee	1939
Atkinson, Verdon Robert	1936	Boehm, Ernst Arthur	1945
Austin, Brian Wilson	1954	Born, Frank Ford Harker	1928
Ayers, Margaret Jean	1937	Bowden, Harry Frederick	1934
Bailey, Arthur Norris	1924	Bowen, Arthur Geoffrey	1933
Bailey, Vanda Dorothy	1928	Bower, Richard David	1940
Balchin, Irene May	1924	Bowes, Lindsay Burton	1947
Balchin, Leonard Jack	1935	Bowler, Brian John	1954
Baldock, Gordon Herbert	1948	Bowness, Alexander	1928
Bammann, Cuthbert Harvey	1938	Braddock, Dudley Warwick	1938
Bampton, John	1927	Braddock, Lyaal Arthur	1931
Barclay, William John	1950	Brady, Thomas Francis	1921
Barlow, Cecil William	1939	Bramwell, Horace Gordon	1932
Barlow, Leslie Harris	1928	Brandwood, Marie Earliston	1944
Barnes, Ronald David, B.Ec.	1948	Branson, Colin William	1949
Barrett, Jean Miriam	1930	Branson, Kenneth George	1947
Barter, Francis Charles	1928	Braunthal, Norman Frank	1928
Barter, Jack Lampier	1930	Bray, Alan Claude	1926
Barton, Jessie Charlotte	1929	Bray, Bruce	1940
Basedow, Bernhard Frederick	1948	Bray, Clifford Samuel	1908
Bathgate, John Pender	1916	Brazel, Thomas John	1926
Batt, Henry Richard Devon	1935	Brewer, John Burton	1947
Battye, George Harry	1924		

Brice, Alan Herbert	1938	Dawson, David Lancelot	1926
Brice, Malcolm Hubert	1949	Day, Colin Maxwell	1936
Bridgland, Lionel Cedric	1932	Day, Frank Vernon	1935
Briskham, Alexander George Herbert	1927	Day, Ian Mostyn	1956
Brock, Noel Howard	1922	Day, LaVerne Frank	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	1923
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	1923	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, Armande Joffre	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	Evans, Alan Grant	1952
Clarke, John Harding	1953	Ewens, Leonard Thomas	1930
Cobiae, Gerald Patrick	1949	Ewers, William David, B.A.	1943
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	Faulk, 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 Leader	1937
Coombe, Albert	1937	Fisher, David le Sauvage	1948
Cooper, Ashley Anthony Richard	1927	Fisher, Harold Henry	1932
Coot, Robert Glen	1955	Fitzgerald, Teresa Catherine	1931
Cotton, Robert Harold	1908	Fleming, Ralph Harry	1939
Cottrell, Francis Allan	1937	Fleming, Robert Colin	1933
Cottrell, John Ledsam	1920	Flew, John William	1950
Coulthard, Clyde Ronald	1937	Fogarty, Stanley Patrick Joseph	1950
Coward, Ivan Fernley	1930	Forbes, Colin Malcolm	1952
Coward, Robert Malcolm	1930	Forbes, Wilfred Roy	1934
Cowell, Davis Francis	1939	Forrest, Peter Cameron	1949
Cox, Charles Wylde	1932	Foster, Lily Dorothy	1935
Cox, Cyril Hewitt	1928	Foxworthy, John Henry	1923
Craig, Ida Vera	1924	Francis, Ainslie DeLacy	1921
Crane, Greta Ruby	1927	Francis, Stanley Charles	1924
Creswell, John	1919	Frayne, Jack Edmonston	1935
Crump, Hedley Lawrence	1949	Fricke, Lourdes Victoria	1948
Curtis, Lawrance Gordon	1949	Fricke, Ronald Frank	1957
Dahlenburg, Hurtle Henry	1952	Fritsch, Viola Phoebe	1951
Dahlenberg, Robert Louis	1953	Frost, Ernest Martin	1949
Daley, Vyvyan Lancelot	1928	Fry, Arthur Henry Percival	1910
Dalton, Victor Ernest	1923	Furze, Noel Edgar	1927
Daniel, Claude Alfred Vaughan	1921	Gale, Frederick Julius	1910
Dauby, Herbert Stanley	1936	Garrett, Eric Mostyn	1934
Davey, John Vernon	1953	Garrod, Philip Jesse	1938
Davey, Richard Howard	1950	Gemmell, Alex Stuart	1936
Davidson, Cuthbert Hewett	1924	Gibb, Ernest Ullathorne	1939
Davis, Agnes Mary	1936	Gibson, Eric Ambrose	1925
Davis, Brian, B.Ec.	1951	Giddings, Ian Valentine	1951
Davis, Bruce Frederick	1938	Giles, Kenneth Livingstone	1924
Davis, James Lenton	1933	Giles, Stephen Alan Butler	1927
Davis, Noel Hewitson	1933	Gill, Thomas Fergusson	1935
Davis, Rosalie Olive	1923	Ginman, David Charles	1947
Daw, Arthur Baden Secombe	1923	Glastonbury, Oliver Albert Isaac	1929
Dawbarn, Richard Bunbury	1956	Glenn, Ross William	1952
Dawkins, Harry Blinman	1930		
	1939		

Gloyn, Reginald Dan	1957	Jeffery, George Henry	1933
Gluyas, Neil James	1937	Jeffery, Roy Gordon	1940
Colovsky, Israel	1921	Jeffress, Leslie Charles	1928
Gordon, Colin Herbert	1941	Jenkinson, Keith Travers	1938
Gordon, Douglas Maitland	1938	Jenner, Arnold Miller	1929
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	1929	Johnson, Noel Stuart	1950
Grimwade, Erica Fielding	1955	Johnston, Verner	1949
Gubbins, Geoffrey Garfield	1953	Johnston, Verner	1949
Haddad, Victor	1938	Jones, Albert Stewart	1954
Hamilton, Frank Douglas	1940	Jones, Brian Lewis, B.E.	1956
Hammann, Arthur Edwin	1927	Jones, Elizabeth May	1926
Hand, Allan	1934	Jones, Joyce Gertrude	1944
Hand, Milton John	1948	Jones, William Henry	1952
Hanley, Alice	1939	Joyce, Alan Francis	1941
Hann, Maxwell Keith	1938	Judd, Percival Richard Henry	1926
Hannan, Edward Graham	1947	Kelly, Brian Patrick	1949
Hannon, James	1952	Kelly, Hartleigh	1933
Harlow, James Keith	1941	Kelly, Isobelle	1927
Harnden, Jack	1952	Kelsey, Jack	1932
Harnett, William Edwin	1948	Kenihan, John Dudley	1933
Harper, Ronald George	1935	Kennedy, Mervyn George	1932
Harrell, Max Ambrose	1952	Kerr, Trevor Grant	1954
Harris, Frank Randall	1949	Kesting, Ernest Arthur	1930
Harris, Norman Alexander	1934	Kilgariff, Aloysius Kevin	1951
Harris, Robert Oxenberry	1951	King, John Bugler	1937
Harris, Ronald Firth	1939	King, Norman Reginald	1949
Harris, Russell Hope	1912	Kinnish, Florence Maud	1920
Harrison, William Frank	1903	Kirkman, David	1908
Harvey, Keith William	1952	Klisch, Josafat Marejan	1956
Harwood, Ralph Felix	1952	Knight, Bernard Murray	1938
Haslam, Alan Francis	1935	Knox, Rex	1949
Hastwell, Robert Duncan	1950	Koch, Othall Ludwig	1937
Hawkins, Alfred Raymond	1947	Kunnick, Donald Kerr	1933
Haydon, Colin Maurice	1951	Lahiff, Arthur Stanley	1951
Haynes, Stanley Gordon	1953	Lambert, Anthony Wilson	1945
Hearfield, Walter George	1930	Lang, James Thomas	1937
Healy, Francis Robert	1937	Langeake, William Charles	1940
Heinemann, John Bryce	1948	Langsford, Leonard Graham	1948
Heitmann, Colin Richard	1950	Laphorne, Cecil Lindsay John	1948
Hendry, Campbell Alexander	1914	Laughton, Robert Bruce	1942
Hewett, Robert Alfred	1955	Laver, Robert William	1940
Hiatt, Jack Thomas	1935	Lenton, Leslie	1916
Hiddle, Eugene Hayes	1953	Letcher, William John	1934
Hieser, Ronald Oswald	1943	Lever, Cecil Harry	1939
Higginbottom, Edwin John, B.Ec.	1955	Levett, Geoffrey Frederick	1950
Higgins, Harry Coote	1920	Lewis, Clarence George	1924
Hill, Edward Ralph	1957	Lewis, Rex Ernest	1930
Hill, Patricia Pender	1949	Lillywhite, Bessie	1925
Hill, William Charles	1933	Lindner, Walter Alfred	1955
Hill, William Ross	1941	Lloyd, Harold Trent	1926
Hilton, Kingsley Winlo	1930	Loan, William Clarence	1923
Hirst, Ronald Robert	1935	Lodge, Maurice Arnold	1929
Hoad, Sidney Arnold	1943	Loneragan, Eric Norman	1949
Hogben, Alfred Richard	1909	Loneragan, Leo Desmond	1957
Hogben, Horace Cox	1915	Longmire, Frank Albert	1940
Holland, John Neville	1955	Lorimer, Robert William	1922
Holmes, George Matheson	1955	Loughrey, Arthur Bernard	1941
Holt, William George	1924	Love, Ronald Edward Beaumont	1934
Holten, Dora May	1924	Lowe, Kenneth Maurice	1939
Homes, Alma Ivy Penelope	1927	Lucas, Francis James	1953
Hooper, Mervyn Perry	1926	Lucas, Ralph Mervyn	1952
Hooper, Ronald Ley	1937	Luxmore, John Alexander	1931
Horrocks, Charles Edgeworth	1925	Lyon, Colin Grant	1929
Hosking, Kathleen Valerie	1953	Lyon, James Cobbett	1925
Hourigan, Lloyd David, B.Ec.	1952	McAnaney, William Patrick	1931
Howard, Cornelius James	1949	McAulay, John Albert Galster	1922
Howard, Leonard Marie	1949	McAuliffe, Lionel Frank	1934
Howard, Paul Francis	1949	McCarron, Philip Bernard Alphonsus	1925
Howie, Douglas Cullen	1937	McCarthy, John Anthony	1930
Howie, George Percival	1916	McDonald, Dorothy Patricia	1935
Howland, Arthur Stilville	1934	McEgan, Ernest William	1923
Hunwick, Ernest Frederick William	1924	McFarlane, Maude Evans	1928
Hunwick, Leonard William, LL.B.	1939	McFarlane, Malcolm Ross	1952
Isaachsen, Eric Eduard	1936	McGarry, Donald Martin	1936
Isaachsen, Oscar Cedric, LL.B.	1937	McKee, Geoffrey Nolan	1935
Isbell, William Foulkes	1952	McKee, George Angus	1927
Jackson, Harold Ernest	1939	McKee, William Albert Kenneth	1926
Jackson, Leslie Colin	1941	McKenzie, Allan John	1933
James, Charles Kingsley	1918	McLachlan, John Kingsborough	1954
Jamieson, Neil Livermore	1927	McLean, Allan William	1921
Jaunay, Donald Robert	1949	MacLeod, Ian Frederick Angus	1956
Jeffery, Charles Frederick	1938	McShane, Reginald Edward	1951
		Mack, Arthur William	1925
		Mack, Jack Hamilton	1953

Macklin, Bruce Roy	1939	Parker, Murray Friend	1956
Maegraith, Paul Reginald	1952	Parkinson, John Haslam	1934
Mahoney, John Joseph	1927	Parr, Harry Sidney	1916
Malcolm, Kathleen	1933	Parr, Stanley Robert	1949
Marchant, Vernon Harold	1929	Pascoe, Douglas Everett	1927
Marrett, Lorna Liggett	1922	Pascoe, Ronald Francis	1936
Marsden, Bruce Cecil	1951	Patterson, Isabel Maude Holmes	1945
Marshall, Alma Kathleen	1921	Patterson, Robert Banks	1936
Martin, Colin Walter	1925	Payne, Randolph Douglas	1948
Martin, Eric Joan	1923	Pearce, Francis James	1952
Masters, Reginald Keith	1938	Peart, Kathleen Grace	1947
Mathews, Hugh Charles	1951	Pederick, Hubert Oswald	1929
Mathews, Reginald William	1928	Penglase, Ronald Clyde	1954
Matthews, Leonard George	1934	Pentelow, Edith May	1929
Mauder, Leonard Edward James	1926	Perriam, Clifford Allan	1937
Mead, John William, B.Ec.	1953	Perriam, Eric Charles	1939
Meany, Thomas Francis	1948	Peterson, Ronald John	1937
Mehrtens, Bronte	1950	Phelps, Winifred Annie	1925
Mengerson, Norman Victor	1919	Philcox, Claude Joseph Owen	1923
Menkins, Frank Hermann	1908	Pike, Vernon Horace Charles	1937
Merchant, Eric George	1948	Pitcher, Ronald Samuel	1923
Messent, Albert Edward	1908	Pledge, Martha Phoebe	1930
Messent, Frank Ashby	1927	Polden, Donald Watkins	1956
Middleton, Clement Roy	1951	Pollnitz, Percy Frederick	1935
Miller, Colin James	1957	Ponder, Gilbert Walter Graham	1914
Miller, Gavin Robert	1918	Potter, Donald Roy	1937
Miller, Lyle Clark	1947	Potter, Frank Jacques	1942
Mills, Edward Whitfield	1915	Potter, Wilfred Tom	1951
Mills, Robert Neil	1951	Pounsett, John Lenton	1949
Minson, Charles Stanley	1930	Preskett, Malcolm	1957
Mitchell, Brian John	1955	Price, Henry Ernest	1930
Mitchell, Bruce	1919	Prior, Olive Cora	1933
Mitchell, John Turnbull	1938	Frosser, Ian Neville	1955
Mitchell, Lurline Vaughan	1933	Proud, Katherine Lily	1910
Mitchell, Shirley Eileen	1944	Frystawski, Omelan	1955
Mobsby, Edward Tompson	1940	Pulford, Vivian George	1948
Moncrieff, Joan Lorimer	1925	Puttman, Robert Marsh	1954
Moore, Walter Harry	1935	Raffelt, Helene	1925
Moore, Warwick Grey	1935	Ramsey, Alfred Maxwell	1941
Morcom, Kenneth Douglas	1940	Ransom, William Robert George	1932
Morphett, Michael Louis	1957	Raphael, Alan Ralph	1956
Mortess, Eric James	1925	Raymond, Reginald Norman	1935
Mould, Francis Edmund	1927	Read, Angus Robert	1929
Mount, Michael Jaunay	1951	Read, Howard Llewellyn	1926
Moyes, Cecil Clarence	1918	Redman, Jessie Adelaide	1929
Moyes, Charles Robert	1913	Reed, Frank Basil	1939
Moyle, John Ewart	1917	Reilly, Lawrence Joseph	1948
Muecke, Carl Wilhelm Ludwig	1908	Reynolds, Ernest Joseph Walter	1925
Mullen, Brian Anthony	1930	Rhodes, Ronald Sydney	1927
Mullin, Mary Margaret	1925	Richards, Kenwyn Howard	1937
Mullins, Francis Patrick	1926	Richardson, Jack Avon	1928
Munro, Elizabeth Margaret	1930	Riches, Robert Wilfred	1932
Murray, Donald	1930	Ridgway, Frank Reginald	1938
Murray, Ronald George	1936	Riebe, Erwin John	1929
Mutton, Henry Edwin Howard, M.A.	1926	Riley, Olly Beata	1931
Nairn, Donald Maxwell	1936	Ringwood, Robert Ainslie	1939
Naulty, Reginald	1937	Ripplin, John William	1949
Nave, John Lionel	1929	Roberts, James Andrew	1935
Needham, George Francis Jack	1911	Roberts, Kenneth James	1949
Nettle, Kenneth Ralph	1948	Roberts, Ronald Theodore	1953
Neuenkirchen, Hermann Adolph Heinrich	1912	Robertson, George Oliver	1908
Newbold, Murray Charles Lewis	1949	Roennfeldt, John William	1937
Newman, Kenneth Fisher	1928	Rooney, John Francis	1928
Nicol, Beryl Elvira	1943	Rose, Vivian Clement	1933
Oakley, Lyle Beresford	1949	Rowe, George Eddy	1951
O'Brien, Paul Dominic	1937	Rungie, Maxton Keith	1934
O'Dea, John Leonard	1950	Rush, Douglas Bartlett	1949
Odgers, Charles Edwin	1955	Rush, Herbert Stanley	1934
O'Donnell, James Richard	1941	Russack, Frederick William, jun.	1927
O'Flaherty, Michael Sidney	1948	Ryan, William John	1927
O'Flaherty, Reginald Kitchener	1937	Safra, Benjamin Louis	1950
O'Flaherty, William Edward	1951	Sallis, Brian Leonard	1955
O'Grady, Michael James Anthony	1950	Sambell, Frederick James	1919
O'Grady, Oswald James	1923	Sando, Gordon Victor	1929
Oliphant, Nigel Besant	1933	Sarre, James Ayrton	1938
Oliver, Edward Bruce	1935	Sawade, Ronald Frederick	1954
Oliver, Raymond Charles	1933	Scanlan, Ronald Frederick	1951
Opheh, Ralph Burnell	1933	Schedlich, Bryan Linn	1951
Ormond, Colin William	1943	Schirmer, Gerhart Percy	1942
Osborne, Dennis James	1956	Schneider, Wilfred, B.E.	1932
O'Shaughnessy, Ronald	1957	Schumacher, Bert Edward Bernard	1933
Othams, Douglas Geoffrey	1954	Seaman, Gilbert Frederick	1935
Padgett, Dora Jane	1928	Searcy, John Dudley	1934
Paech, Richard Leonard	1947	Seddon, Gordon David LeMessurier	1939
Painter, Edward Websdale	1920	Sellers, Norman Lionel	1923
Palmer, Bruce Cole	1938	Selth, Maurice Burfitt	1938
Paltridge, Angus Lindsay	1950	Shaw, Ian William	1955
Pannell, James Ridgway	1955	Shepherd, Rupert Lloyd	1927
Parham, Geoffrey William	1954	Sheppard, Bernard Aubrey	1910
Park, Gilbert Maxwell	1923	Sheppard, John Tyndall	1928

Shier, Marjorie Dufty	1939	Tucker, Colin Pryor	1950
Shuttleworth, Robert Thomas	1926	Tuckwell, Kenelm Sinclair	1925
Simmons, Donald William	1939	Turnbull, George Alexander	1930
Simmons, Peter James	1950	Turner, Arthur Frederick	1932
Simpson, Alfred Moxon, B.Sc.	1949	Turner, Jack	1925
Simpson, John Favilla	1948	Turner, Mervyn Richard	1938
Sinclair, Jack	1955	Turner, Percy	1913
Slade, James Henry Gray	1938	Turner, Raymond Stanmore	1930
Slape, Marcus Frank	1937	Twiss, William Wilmott	1935
Smith, Charles Alfred	1910	Underhill, Joseph Douglas	1950
Smith, Clarice Margaret	1929	Valentine, Thomas George	1950
Smith, Dawn	1949	Vawser, Leeson William	1920
Smith, Eileen Milton	1930	Vawser, Frank Derwent	1925
Smith, Henry Morris	1928	Vawser, Noel Keith	1941
Smith, Isaac Francis	1923	Verco, Wilfred Douglas	1940
Smith, Kenneth Brian Innes	1949	Vincent, Harry	1932
Smith, Leslie Hamilton	1953	Vincent, Mary	1935
Smith, Margaret Shea	1950	Viney, Lawrence George	1940
Soar, Dudley Turner, B.Ec.	1953	Virgo, Ronald Gilmour	1937
Soar, Harold Arnold	1953	Wagstaff, Ronald	1937
Solly, Hubert Ambrose	1913	Wahlqvist, Hugo Carl	1923
Soper, Graham Michael	1954	Walsh, Geoffrey Roberts	1937
Sorell, Donald George	1945	Waldeck, Reginald David Chapple	1933
Spence, Lionel Dudley	1948	Walkington, Newton Gilbert	1934
Spitz, Francis	1954	Walkley, John Daniel Clifford	1957
Stalley, Douglas John, M.Ec.	1952	Wallage, John Douglas	1955
Stanford, Walter Henry	1927	Walsh, Paul	1941
Stapleton, Thomas Leslie	1943	Walter, Hugh Garthwaite Ephraim	1938
Starling, Clifford Joseph	1947	Wardman, Charles Howard	1941
Steele, Robert Moore	1908	Wauchope, James George Neilson	1911
Stefanskyj, Zenon	1956	Webb, George Carlile	1938
Stephenson, Ezra	1928	Werfel, Mavis Jean	1948
Stephenson, John	1924	West, Kenneth Charles	1951
Stock, Adrian Aston	1941	Wheeler, Horace Roseby	1911
Stoner, Ross Arthur	1953	Whelan, Patrick John	1937
Strange, Ronald Glen	1955	White, Godfrey Alfred	1947
Stuart, Arthur Donald	1926	White, Jack Walter Robert	1950
Sulan, Charles	1952	White, Wilfred Allan	1940
Summers, David Charles	1937	Whitridge, Gladstone Keith	1920
Sunter, John Scott	1936	Whittenbury, Vernon Frank	1949
Swan, John Gordon	1948	Whittle, Ralph Keith Linhome Cresdee	1952
Swanson, Alexander	1929	Whitwell, Bruce Dowland	1934
Swanson, James Baikie	1948	Wickes, Donald William	1937
Sweeney, James	1935	Wildy, Mervyn Arthur George	1950
Talbot, John Saxton	1940	Wilkie, Alan John	1957
Tassie, Eric Harry	1917	Wilkins, Ada Dorothy Marion	1927
Taylor, Deane Brownfield	1938	Williams, Albert Bruce Wauchope	1925
Taylor, James Scott	1933	Williams, Edward George	1934
Taylor, Raymond Fyfe	1947	Williams, Eric Spencer	1922
Taylor, Ronald	1952	Williams, Gilbert Raymond	1953
Taylor, Walter Henry	1935	Williams, John Carter	1917
Temme, Bernhard Robert	1931	Williams, Kenneth Douglas	1951
Thamm, Louis George	1933	Williams, Norman Lindsay	1951
Thomas, Bruce Ian	1938	Williams, Ronald Bannister	1937
Thomas, Harold Clarke	1908	Williams, Zena Vera	1926
Thomas, Jack	1928	Williamson, Harold Edgar	1926
Thompson, Frederick Aubrey Jones	1929	Wilson, Aileen Elsie	1952
Thompson, Jack	1949	Wilson, William Norman	1950
Thompson, Terence Dudley	1949	Wilton, James Hardy	1954
Thredgold, Lorna Wynnie	1944	Winch, Ronald Thomas	1954
Thurston, Frank Harris	1923	Winter, Claude Howard Stanley	1914
Thyer, Walter Vernon	1921	Wood, Alfred Evelyn	1909
Tilbrook, Kevin Townsend	1949	Wood, Maurice Garnet	1938
Tillett, Arthur Colin	1930	Woolcock, Alan Burnett	1939
Todd, Beryl Nance	1940	Woolcock, Royal Johnston	1928
Topperwein, Jessie Jeanette	1925	Wright, Dorothy Maud	1929
Travers, Edward Ambrose	1923	Wright, Robert Samuel	1941
Treleaven, Ross	1950	Wyett, Ernest Stanley	1931
Treloar, Ronald William	1949	Young, Norman Smith	1930
Trigg, Frank Elliot	1926		
Trimmer, Noel Donavan	1950		

## ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Coonan, Edward Raymond	1949
Aistrophe, Donald William Anderson	1959	Cottrell, Francis Allan	1934
Anthony, Ernest	1950	Craker, Arthur Ernest	1932
Ashenden, Herbert John	1957	Dale, Richard Charles Moritz	1940
Belchamber, Kenneth Charles	1959	Daniel, Claude Alfred Vaughan	1935
Belcher, Milton Judson	1937	Davis, Brian	1952
Brooks, Sidney Rundle	1938	Davis, Robert Keith	1958
Burton, Roy Victor	1937	Deane, Allan Nicholson	1936
Carey, Edward John	1936	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 Connon	1952
Coombe, Albert	1932	Gartrell, Frank Prisk	1956
Coombe, Samuel	1936	Good, Richard John, B.E.	1959

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
Holland, John Neville	1960	Ryan, Charles Landers	1941
Holland, Robin Laurence	1960	Sando, Maurice Hughes	1934
Honey, Henry Beric	1958	Schlenk, Conrad John	1958
Hutchinson, Hugh Morgan	1940	Segnit, Alick	1957
Hutton, Malcolm Austin	1960	Simmons, Donald William, B.Ec.	1950
Inglis, Gilbert Gerald	1958	Slade, James Henry Gray	1932
Jackson, Harold Ernest	1935	Smith, Harold Reid, LL.B.	1949
James, Henry John	1955	Taeuber, Kenneth Charles	1958
Jeffery, Charles Frederick	1934	Temme, Bernhard Robert	1933
Johnson, Maxwell Colin	1953	Thomas, William Henry Oswald	1947
Kay, Harold Edwin	1938	Thompson, Brian Philip	1962
Laver, Robert William	1952	Tillett, Arthur Colin	1950
Lawton, Richard William	1961	Trumble, Hugh Peter Christian, B.Ag.Sc.	1962
Lee, Frank Botham	1937	Turner, Brian Scott	1958
Lokan, Albert Henry	1939	Voyzey, William	1952
Mattingley, Maxwell Albert Percy	1945	Walker, Colin Alexander Dunstan	1948
Meneer, Ira, B.A.	1953	Wellington, Murray Morley	1949
Messent, Esther Mary, B.A.	1936	West, Kenneth Charles	1949
Millard, Clifford James	1933	Wharldall, Lancelot Arthur	1953
Mitchell, William Robert, B.E.	1956	Whitford, Alfred Eugene	1941
Naylon, Augustin James	1934	Wight, Robert James	1938
Ormond, Colin William	1949	Williams, David John	1956
Pollnitz, Percy Frederick	1938	Wilsdon, Kendrick Frank Jefferies	1958
Pope, Hugh Gilmore	1932		

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 EDUCATION

Alcock, Dudley Horald, B.A.	1944	Boord, Frederick Hughes, B.A.	1957
Allen, John Bernard, B.A.	1942	Boroky, Betty Margaret, B.A.	1959
Allen, Leonard Nicholls, M.A.	1939	Boundy, William Stevenson, B.Sc.	1958
Altmann, Olive Stella, B.A.	1951	Bourke, Denis Francis, M.A. (Sydney)	1959
Altus, Rudolph Herman, M.A. (Melb.)	1950	Bourke, Elma Marie, B.A.	1941
Anders, Douglas John, B.Sc.	1947	Braham, Henry Arnold Collyer, B.A.	1960
Anderson, Alex Gordon, B.Sc.	1956	Bray, Elva Mildred, B.A.	1943
Anderson, Aubrey James Clifton, B.A.	1948	Brazier, John Richard, B.A.	1952
Arbery, James Herbert, B.A.	1961	Brideson, Colin Herbert	1959
Arcus, Wesley John, B.A.	1958	Brook, Richard John, B.Sc.	1961
Argyle, Margaret, B.A.	1957	Brown, Henry, M.A.	1924
Ashenden, Leslie Edward, B.A.	1952	Brown, Donald Edgar	1954
Ashton, Harry Tamblin, B.Sc.	1960	Brown, Norman, B.A.	1960
Aston, Morrell Kenneth, B.A., B.Sc.	1952	Brown, Reginald Dutton, B.Ec.	1947
Atwell, Leslie George Danks, B.A.	1941	Bull, Winifred, B.A.	1948
Baddams, Violet Thenie, B.A.	1940	Bunney, Bronte Rowland, B.Sc.	1957
Bald, William Charles, B.A.	1962	Burdon, Ivor Leslie, B.A.	1945
Barber, Howard Frank, B.A.	1943	Burfield, Arthur, B.A.	1954
Barnes, Frederick Lynne, B.Sc.	1944	Burnard, Charles Robert	1948
Barrett, William Vernon, B.A.	1951	Burns, Esther	1949
Bartholomaeus, Edmund Stanley, B.A.	1931	Burton, Dudley Hopetoun, B.A.	1941
Bartleet, Nancy Irene, B.A.	1950	Butcher, Alan Edward, B.A.	1933
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Butler, Kathleen Fiona, B.A.	1948
Baum, Murray Richard, B.A.	1957	Butler, Pamela Margaret, B.Sc.	1958
Bawden, Albert Victor, B.A.	1942	Campbell, Archibald Herbert, B.A.	1939
Bayly, Elizabeth Jean, B.A.	1962	Cannell, Cedric James, B.Sc.	1942
Beare, Hedley, B.A.	1956	Cant, Alister McKimmon, B.A.	1944
Beare, Lynden Day, B.A., A.U.A. (Phys. Ed.)	1962	Carmen, Noel Francis, B.A.	1951
Beaumont, Olive Sowter, B.A.	1943	Carthew, Lancelot, B.A.	1950
Beckwith, Shirley Katie, B.A.	1948	Cavenett, Horace Clifford	1945
Bennett, Annie Stevens, B.A.	1924	Cawte, Frederick George Nelson	1942
Bennett, Charles Gordon, B.A.	1934	Chalklen, Roland John, B.A.	1960
Bennett, Thomas Southall, B.A.	1940	Chapman, John Marsden, B.A.	1940
Bennetts, William Rawling, B.Sc. (Western Australia)	1956	Charlesworth, Thomas William, M.A.	1947
Bentley, William James, B.A.	1949	Chittleborough, Glen, B.Sc.	1960
Berry, Frances Winifred, M.A.	1924	Clapp, Edwin Kenneth Hamilton, A.U.A.	1961
Bested, Gordon John, B.A.	1945	Clark, Henry William, B.A.	1954
Bettison, Margaret Selina, B.A.	1952	Clarke, Phil Gregory, B.A.	1952
Biddle, Enid Barbara, B.A.	1949	Cleggett, Lloyd	1955
Biele, Keith William, B.Ec.	1953	Clements, John Wreford, A.U.A.	1962
Bilney, Neil Joseph, B.A.	1947	Close, Maynard Davidson, B.A.	1948
Blesing, Rae Flora, B.A.	1961	Close, Ronald Wilkinson, B.Sc.	1945
Boehm, Walter Gotthilf, B.A.	1955	Cochrane, Heather Bernice	1958
Bone, Maxwell Harold, B.A.	1939	Coggins, Harold Douglas, B.Sc.	1955
		Coggins, Robert Symes, B.Sc.	1952

Coker, John Godfrey, A.U.A. (Arts and Educn.)	1962	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Coleman, Isobel Beryl Jean, B.A.	1949	Gliddon, William Aquilla Robert James, B.A.	1959
Collins, Charles Vincent, B.A.	1940	Glynn-Roe, Wilfred Joseph	1950
Cornelius, Muriel Merle, B.A.	1956	Golding, Edmond William, B.A.	1951
Corrigan, Lawrence Joseph	1930	Golding, Phyllis May, B.A.	1954
Cosgrove, Bernard Augustin, B.A.	1945	Goldsworthy, David, B.A.	1959
Cosh, James Malthouse, B.A.	1945	Goldsworthy, John Garfield, M.A.	1951
Counsell, Ruth Kingsley, B.A.	1955	Goldsworthy, Reuben, B.Sc.	1954
Cramer, Gerard Leigh, B.A.	1952	Gooden, Edgar Whitridge, B.Sc.	1959
Cramond, Margaret Mary Alyn, B.A.	1956	Gooden, Rosalind Mary, B.Sc.	1961
Cropley, Arthur John, B.A.	1960	Graham, Mary Theresa, M.A.	1940
Cross, Jack	1957	Green, Ralph Noel, B.A., A.U.A. (Phys.Ed.)	1961
Crowe, Elizabeth Mary, B.A.	1954	Green, Richard Maslen, B.A.	1940
Cusack, John Charles, B.Sc.	1959	Griggs, Clarence Middleton, B.Sc.	1928
Dack, Thomas, B.A.	1938	Grosvenor, Edna Mary, M.A.	1951
Daddow, Henry Howard, B.A.	1943	Gunton, James Donald, B.A.	1940
Davies, Natalia, B.A.	1940	Haden, John Forbes, B.A.	1955
Davis, Robert Bruce, B.A.	1950	Haese, Frederick Ernest Douglas, B.A.	1952
Davison, Gordon William, B.A.	1938	Hague, John Stanley, B.A.	1961
Daw, William Ronald	1954	Haines, Murray David, B.A.	1959
Deer, John Gregory, B.Sc.	1956	Hansberry, John Pierce, B.A.	1949
Dennis, Alan Henry, B.A.	1953	Hansberry, Mary Estelle, B.Sc.	1953
Dennis, William Norman, B.Sc.	1958	Hansen, Ian Victor, B.A.	1954
Dent, Marjorie, B.A.	1960	Harper, Ronald George, B.A.	1941
Dent, Nancy, B.A.	1962	Harrington, Colin	1949
Dinning, Alfred Ernest, B.A.	1933	Harrip, Brian John, B.A.	1955
Dinning, Rodney Alfred Brady, B.A.	1956	Harris, Donald Dunstan, M.A.	1934
Doman, Mary Gladys, B.A.	1961	Harris, Dudley Andrew, B.A.	1940
Donaldson, Pamela Margaret, B.A.	1961	Harris, Lorna Muriel, B.A.	1950
Donnellan, Teresa Marie, B.A.	1950	Harris, Shirley Joyce, B.A.	1948
Dowdy, Norman James, B.A.	1949	Hart, Arthur Maxwell	1950
Downs, George William, B.A.	1948	Harvie, Sydney Haral, B.Sc.	1938
Dungey, Kevin Leonard, B.A.	1944	Hasenhor, Edward, B.A.	1952
Dunlop, Walter James, B.A.	1958	Hauser, Frederick Herbert, B.A.	1934
Dunn, Edith Marie, B.A.	1942	Hawke, Cynthia Joy, B.A.	1961
Dunn, Sydney Stephen, B.A.	1951	Hayward, Walter Richard, B.A.	1937
Dyster, Thomas, B.A.	1956	Healey, Nora Kate, B.A.	1941
East, Vernon Roy, B.A.	1948	Heidenrich, George Bernhardt Franz, B.A.	1948
Eckert, Lexley Frank	1960	Heinemann, Mervyn Lambert, B.A.	1948
Eden, Owen Frederick, B.Sc.	1951	Henderson, Margaret Evelyn, B.A.	1960
Edgar, Heather Mary, B.A.	1960	Hewitson, Helen Margaret, B.A.	1962
Edwards, Philip Glen, B.Sc.	1961	Hewitson, Malcolm Thomas, B.A.	1955
Edwards, Victor Wilfred Alcom, B.A.	1948	Hickey, Kathleen Veronica, B.A.	1950
Elder, Audrey Olive, B.A.	1950	Higginbottom, Edwin Corlett, B.A.	1929
Eley, Agnes May, B.A.	1948	Higgins, Alfred James, B.A.	1950
England, Gerald Clifford, B.A.	1962	Hilbig, Paul Berthold, B.A.	1935
Esselbach, Rodney, B.A.	1958	Hilton, Arthur Robert, B.A.	1936
Evans, Mary, B.A.	1941	Hirst, Ronald Robert, B.Ec.	1944
Ewers, William David, B.A.	1940	Hiskey, Thomas Alan, B.A.	1951
Eyers, Vivian George, B.Sc.	1959	Holland, Joan, B.A.	1948
Falkenberg, Walter Edwin, B.A.	1942	Holley, Maurice Frederick, B.Sc.	1962
Farmer, Helen Robinson, B.A.	1948	Holmes, Angas Spooner, B.A.	1957
Farrell, Edward Francis, B.A.	1944	Hooper, John Robert, B.A.	1960
Farrow, Murray Aubrey, B.A.	1947	Horner, Frances Jane, B.A.	1962
Farrow, Robert Murray	1956	Hoskins, Howard Berthold, B.A.	1938
Featherstone, Dora Bewlay, B.A.	1923	Howard, Ephrem, B.A.	1940
Fechner, Martin Johann Traugott, B.A.	1940	Howlett, Diana Rosemary, B.A.	1959
Fehlberg, Tasman Julius August, B.A.	1942	Howlett, Nellie Ruth, B.A.	1944
Fergusson, George Robert, B.A.	1955	Howlett, Philip Thomas Michael, B.A.	1944
Field, Alan Kimber, B.A.	1958	Hume, Beryl May, B.A.	1960
Finn, Beatrice Mary, B.A.	1943	Humphries, Arthur Cecil George	1941
Fisher, Ruben Walter Alfred, B.A.	1950	Hunkin, Milton Phillip, B.A.	1958
Fitzgerald, Bartholomew John, B.A.	1932	Hutson, Walter William	1945
Fitzgerald, Clarence Lindsay, B.A.	1954	Hyde, Alan Graham, B.Ec.	1955
Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954	Ireland, Norman Arthur, B.A.	1924
Fitzpatrick, Clifford George, B.Sc.	1952	Isom, Constance Ruth, B.A.	1942
Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928	Jenkin, Alfred John Roseland, B.A.	1939
Flynn, Kevin John, B.A.	1942	Jenkins, Rex Desmond, B.A.	1943
Forbes, William, B.A.	1939	Johncock, Ernest Harry, M.A.	1929
Forsyth, Elliott Christopher, B.A.	1950	Jolly, William Richard Norman, B.A., B.Sc.	1939
Fricke, Lyall Peterie, B.Sc.	1951	Jones, Albert Walter, B.A., B.Sc.	1939
Fulton, Gwen Evelyn Hamilton, M.A.	1945	Jones, Michael John, B.A.	1962
Gann, Eric Crump, B.A.	1954	Jones, Reginald John, B.A.	1954
Gare, Lloyd, B.Sc.	1938	Jordan, Deirdre Frances, B.A.	1951
Gaskell, Joan Mary, B.A.	1955	Judd, James, B.A.	1956
Gazard, Geoffrey Albion	1949	Juett, Christina Margaret, B.A.	1943
Gent, Alan Franklin, B.A.	1950	Kean, Eileen Margaret, M.A.	1954
Georg, Victor Gerhard, B.A.	1952	Kearney, Bernard James	1949
Gerlach, Max Johann, B.A.	1927	Kelly, Ellen, B.A.	1934
Geytenbeck, David Robert, B.Sc.	1959	Kelly, Frank Reginald	1961
Gibbs, Alfred Lewis Burnand	1949	Kenny, Martin Lance, B.A.	1942
Gibson, Ernest Stephen Harvey, M.Sc.	1942	Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947
Gibson, Gladys Ruth, B.A.	1940	Kerin, John Francis, B.A.	1956
Gibson, Graham Coyne, B.A.	1953	Kerslake, William James	1942
Giersch, Leonard Ernst, B.A.	1943	Kesting, Louis John, B.A.	1945
Gilchrist, Robert James	1950	Keynes, Nanette Joan, B.A.	1950
Giles, James Ramsay, B.A.	1962	Kies, Alick Andrew, B.A.	1948
Gilham, James Edgar, B.A.	1959	Kildea, Mary Francis, B.A.	1941
Gill, Clarence William, B.A.	1940	Klaebe, Ruth Adelaide, B.A.	1951
Glastonbury, Dudley Ivan, B.A., B.Sc.	1935	Kloeden, Louis Adolph, B.A.	1951
		Knaerhase, Oscar Carl, B.A.	1938

Knight, Russell William, B.A. (Econ.) (Manc.)	1958	Mueller, Edwin Albert, B.A.	1954
Koehne, Raymond Percy, B.A.	1948	Mueller, Rae Vernon, B.Sc.	1954
Kohler, Bryce Leonard Percival	1955	Muetzefeldt, Eilfriede, B.A.	1941
Laidlaw, William Clarke, B.A.	1940	Mugford, Rex Ernest, B.A.	1962
Lamacraft, Kenneth Ronald Ross, B.A.	1955	Mules, Betty Lavina, B.A.	1950
Lamey, Charles Sydney, B.A.	1937	Mundy, Kevin Arnold, B.A.	1942
Lang, Ian Philip, B.Sc.	1957	Murphy, Mary, B.A.	1938
Laslett, Ian John, B.Sc.	1954	Murphy, Shylie Patricia, B.A.	1948
Laubsch, Colin Andrew, B.Sc.	1958	Murrie, Jill Margaret, B.A.	1957
Lawry, Reginald Arthur, B.A.	1947	Nettelbeck, David Clive, B.A.	1962
Leach, William Valentine, M.A., Dip.Econ.	1928	Nicholas, Rowland John, B.A.	1944
Leditschke, Margaret Mary Caroline, B.A.	1959	Nicholls, Barbara Ruru, B.A.	1947
Lemcke, Vincent Andrew Howard, B.A.	1949	Nichols, Terence Ivan, B.Sc.	1962
Lemmey, Ford Prall, B.A.	1955	Nichterlein, Frieda Pauline, B.A.	1955
Leske, Elmore, B.A.	1960	Nickolai, Max Ronald, B.Sc.	1955
Lewis, Leonard Arthur, B.Sc.	1947	Nietz, Arno Oscar, B.A.	1953
Lewis, Raymond Douglas, B.Sc.	1943	Ninnes, Arthur Reginald, B.A.	1944
Lewis, Richard Owen, B.A.	1959	Noblett, Hedley Lindsay, B.A.	1939
Lillecrapp, Douglas Arthur Julian, B.A.	1950	Nottle, Geoffrey Edward, B.A.	1959
Loffler, Donald Arthur, B.A.	1962	O'Brien, Francis John Romuald, B.A.	1954
Longbottom, Maxwell Ernest, B.A.	1962	Ockenden, Carth Palmer	1950
Lord, Eric Ross, B.A.	1961	O'Connell, William Bernard, M.A.	1945
Lowke, John James, B.Sc.	1958	O'Connor, Deirdre Catherine, B.A.	1958
Lush, Anita Rose, B.A.	1960	O'Connor, Peter Joseph, B.A.	1955
Lushey, Harold Merton, M.A.	1930	O'Malley, John Edwin, B.A.	1949
Lynch, John Henry, B.A.	1950	O'Neill, Cornelius Patrick, B.A.	1951
Lyon, John Forbes, B.Sc.	1962	O'Neill, Marguerite, B.A.	1950
McCarthy, Bernard, B.A.	1942	Osman, Neile, M.A.	1948
McCracken, Samuel Raymond	1958	Owen, Gwennyth Winsome, B.A.	1945
McCullough, Amy Margaret, B.A.	1945	Page, Eleanor Florence, B.A.	1943
McDonald, Donald Stuart, B.A.	1945	Pallant, Donald James, B.A.	1962
McDonald, Gilbert Sherman, B.A.	1934	Parkes, Roy Frederick, Walter	1952
McDonald, John Hunter, B.A.	1936	Parkinson, Kevin John, B.Sc.	1955
McDonald, Percy William, B.A.	1940	Parsons, Colin, B.A.	1959
McDonald, Peter Baker, B.A.	1957	Parsons, Edward Clarence, B.A.	1941
McElroy, Anthony Godfrey	1947	Parsons, William Ross, B.A.	1951
McEvoy, Aloysius John, B.A.	1942	Pash, Hannah Rita, B.A.	1934
McGowan, George Murray, B.A.	1940	Paull, Alec Gordon, M.A., B.Sc.	1934
McGuire, Anthony Christopher, B.A. (Diploma in Secondary Educn., 1962)	1960	Payne, George Basil, B.A.	1938
McIntosh, Florence	1945	Pearce, Alfred Moreton, B.A.	1953
McKay, Malcolm William, B.A.	1938	Pearce, Charles Clifton, B.A.	1940
McKinnon, Robert Campbell, B.A.	1936	Pearman, Reginald John, B.Sc.	1957
McLean, Murray Colin, B.A.	1951	Pearson, Howard James, B.A.	1941
McLean, Reginald Alexander, B.A.	1936	Pearson, Leslie Norman, B.A.	1943
McMillan, Stanley Lyall, B.A., B.Sc.	1960	Pedlow, Clarice, B.Sc.	1944
McMurtie, Alfred Ian, B.A.	1939	Pennicott, Ralph William	1953
McMurtie, Colin, B.A.	1939	Pennington, Beryl, B.A.	1945
McPharlin, Alison Tudor, B.A.	1957	Penny, Hubert Harry, B.A.	1930
McPherson, Alexander Owen, M.A., B.Sc.	1939	Perry, Dulcie May, B.A.	1941
Macklin, Laura Muriel Caterer, B.A.	1939	Peters, George Francis, B.Sc.	1953
Macklin, William Charles, B.Sc.	1956	Peterson, Jean Clarice, B.A.	1942
Macpherson, Reginald Murray, B.A.	1948	Phillips, Gordon Gilbert, B.A.	1947
Magor, Clifford James, M.A.	1945	Pitman, Beresford Ernest, B.A., B.Sc.	1949
Magor, Irvine Frank, B.A.	1943	Polkinghorne, Keith, B.A.	1939
Mann, Airdrie Jean, B.A.	1961	Porter, Harold George, B.A.	1942
Manuel, Deane James Hubert, B.Ec.	1952	Power, Frances Maureen, B.A.	1956
Marks, Monica Mary, B.A.	1960	Prest, Robert Henry, B.A.	1960
Marshall, Herbert Edmund, B.A.	1941	Price, Ione Dorothy, B.A.	1949
Marshman, Ashley Mead, B.A.	1950	Prime, Andree Joyce, B.A.	1949
McLay, Andrew Harold, B.A.	1954	Proctor, Ivy Millicent, B.A.	1939
Martin, Alfred William, B.A.	1953	Provis, Douglas Franklin, B.Sc.	1953
Martin, Amalia Anna, B.A.	1941	Fryor, Eric John, B.A.	1941
Martin, Maurice Leon, B.A., B.Sc.	1955	Purslow, Martin, B.A.	1956
Martin, Ralph Keith, B.A.	1948	Pyne, Maurice Ignatius, B.A.	1929
Martin, Walter Raymond, B.A.	1941	Rabone, Elaine Thelma, B.A.	1961
Maschmedt, Zillah Daisy, B.A.	1940	Rabone, Harry Klements Percival, B.A.	1941
Masters, Bernard Lincoln, B.A.	1960	Radcliffe, Sheila, B.A.	1953
Materne, Desmond Eric, B.A.	1959	Ramsey, Gregor Allen, B.Sc.	1961
Matters, Horace John	1950	Ray, Marjorie, B.A.	1951
Matthews, Richard Trahair, B.A.	1943	Read, John Herbert, B.A.	1959
Mattingley, Brian John, B.A.	1939	Read, Philip Andreas, B.A.	1941
May, Dorothy Mary, B.A.	1948	Redden, Martin Philip, B.A.	1934
May, Leonard Seymour, B.Sc.	1939	Redin, Lewis Charles, B.A.	1959
Maynard, Donald Archer Scott, B.Sc.	1940	Redstone, Frank, B.A.	1960
Maguire, John Charles, B.A.	1947	Reed, Barbara	1954
Measday, Ellen May, B.A.	1947	Rehn, Denzil Farnham, B.A.	1958
Measday, Shirley, B.A.	1949	Rendell, Alan, Dip.Econ.	1929
Middleton, Melville John William, B.A.	1943	Renner, Johannes Theodore Erich, B.A.	1954
Miller, Annie Rose, B.A.	1948	Reynolds, Maxwell Stanley, B.A.	1950
Mills, John Murray, B.A.	1959	Richards, Gordon Alfred, B.A.	1940
Milne, Annie Johnson, B.A.	1939	Richards, William Edward, B.A.	1953
Mitchell, Albert Leonard, B.A.	1960	Richardson, Ruth Mary Desmond	1958
Mitchell, Annie Nora	1938	Riedel, Felix Daniel, B.A.	1954
Mitchell, Zonne Marion, B.A.	1959	Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957
Molloy, Raymond Brian, B.A.	1951	Roberts, Jennefer Mary, B.A.	1960
Moore, John Robert, B.A. (Western Australia)	1960	Roberts, John Desmond, B.A.	1960
Moore, Neville Stanley, B.A.	1958	Roberts, Roy, B.A.	1961
Morris, John Lennox, B.A.	1954	Robinson, Samuel Foster	1922
Morris, Maxwell Arthur, A.U.A.	1961	Robson, Bruce Neville, B.Sc. (Tasmania)	1956
Mudge, Margaret, B.A.	1958	Rodgers, Frances Ada, B.A.	1938
		Roehrs, Herma Erika, B.A.	1953

Rogers, Ruth Nellie, B.A.	1956	Treasure, Eunice Jessie, B.A.	1947
Rooney, Clifford, B.Sc.	1938	Treasure, Valda Beth, B.A.	1953
Rooney, Lois Josephine, B.A.	1948	Tregenza, Sydney Lloyd, B.A.	1935
Routley, Peter Herbert, B.A.	1960	Trenorden, James Henry	1945
Rudd, Kenneth Clive, B.A.	1947	Trudinger, Ronald Martin, B.A.	1944
Ryan, Michael Rupert, B.A.	1941	Tuckwell, Eric Clavering, B.A.	1945
Sage, Harold Robert, B.A.	1954	Tuckwell, Kenelm Sinclair, B.A.	1945
Sandercock, Alfred Mervyn, B.A.	1938	Turner, Constance Mary, B.A.	1954
Sando, Clarice Melva	1955	Twartz, Arnold Frederick, B.Sc.	1944
Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957	Twartz, Clement Wilford	1950
Saunders, Graham Edward, B.A.	1962	Verrall, Raymond Wilfred, B.A.	1942
Searle, Clifford Alfred James, B.A.	1940	Vickery, Frederick Arthur, M.A.	1935
Scriven, Murray Walter, B.A.	1950	Wache, Ethel Mabel, B.A.	1941
Sexton, Edgar Raymond, B.A.	1935	Wachtel, Heinrich Lenhart, A.U.A.	1956
Sharman, Florence Mary, M.A.	1923	Waite, Jack Francis Enos, B.A.	1939
Shaw, John Robert Stockdale, M.A.	1942	Wakeford, Sidney Claud, B.A.	1939
Shaw, Kate Hambly, B.A.	1937	Walker, Gilbert John, B.A.	1944
Shepherd, John Alfred, B.A.	1942	Wallace, Francis Joseph	1953
Shinkfield, Anthony James, B.A.	1957	Walsh, Margaret Mary, B.A.	1960
Shrowder, Ronald Louis, B.A.	1943	Walter, Denys	1955
Simpson, Penelope Margaret, B.Sc.	1953	Ward, Margaret Kennings, B.A.	1953
Slee, Dugald Houghton, B.A., B.Sc.	1940	Ware, Dorothy Alice, B.A.	1962
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951	Warren, Donald Hampton, B.A.	1955
Smallacombe, Roy Frederick, B.A.	1955	Warren, Sidney Lilla, B.A.	1927
Smith, David Carswell, B.A.	1939	Watkinson, Mavis Daphne, B.A.	1942
Smith, Donald Powell, A.U.A.	1962	Wattchow, Colin Edward, B.A.	1954
Smith, Edward Rowland, B.Sc.	1945	Wauchope, Mavis Lorelie, B.A.	1929
Smith, Henry Elliott Wesley, B.A.	1938	Waugh, William McDonald, B.A.	1952
Smith, Joan Francis, B.A.	1953	Wayne-Smith, Reginald John	1953
Smith, John Fife, B.A.	1939	Webb, Emmaline Nancy, B.A.	1952
Smith, John Henry, A.U.A.	1955	Webber, Muriel Esmé Jill, B.A.	1959
Smith, Sheila Isabel Wesley, B.A.	1947	Welsh, James Oglesby, B.A.	1951
Sobey, Iris Beatrice, B.A.	1956	Were, Keith Francis, B.A.	1962
Spargo, Stanley Carr, B.A.	1939	Westgarth, Walter Tebble, B.A.	1928
Sparrow, Lorna Discombe, M.A.	1941	Whalan, Lionel Walter, B.A.	1950
Stande, Clarence Herman, B.A.	1958	Wheaton, Neville Kingsley, B.Sc.	1960
Stanley, Raymond John	1958	Whitburn, Jack, B.A.	1935
Stead, Sydney Arnold, B.Sc.	1949	White, Stanley Noel, B.A.	1957
Steinle, John Richard, B.A.	1959	Whitelaw, Albert James, B.A., B.Sc.	1945
Stodart, Barbara Joan, B.A.	1957	Whittle, Edith Julia, B.A.	1954
Storch, Wilhelm Murray, B.A.	1949	Wiese, Margaret Helen, B.A.	1960
Strahan, Anthony William, B.A.	1939	Wilkins, Ray Eber, B.A.	1950
Sugg, Bentham Horace, B.A.	1940	Wilkinson, Donald Cameron, B.A.	1955
Swanson, Albert Frederick Daniel, B.A.	1960	Wilksch, Betty Ruth, B.A.	1953
Swaney, Mary Ryan, B.A. (Diploma in Pre-Primary Education, 1943)	1939	Wilksch, Lois Ruth, B.A.	1962
Symonds, Wybert Milton Caust, B.Sc.	1939	Willcocks, Robert Douglas, B.Sc.	1954
Tapp, Adrian Lynda, B.A.	1928	Williams, Arthur Charles, B.Sc.	1955
Ternan, Verna Joyce, B.A.	1945	Williams, George Esson Keith, B.A.	1941
Theobald, Howard Wesley	1954	Williams, George Mervyn, B.Sc.	1957
Thiel, Colin Victor, B.Sc.	1962	Williams, James Henry, B.A.	1922
Thiele, Colin Milton, B.A.	1947	Williams, Phillip Glenly, B.A.	1943
Thompson, Douglas Norman, B.Sc.	1955	Williams, Rona Lynette	1960
Thompson, William, B.A.	1941	Williams, Walter Leslie, B.A.	1949
Thorpe, Geoffrey William, B.A.	1961	Willington, Lloyd Stanley	1950
Tiller, Kenneth Matthew John, B.A., B.Sc.	1956	Wills, Lindsay Arthur, B.A.	1956
Tillett, Peter Irwyn, B.Sc.	1958	Wilson, Avis Jean, B.Sc.	1958
Tilly, Graham John, B.Sc.	1960	Wilson, Francis Patrick	1943
Tomlinson, Betty Mary, B.A.	1950	Wilson, Jack Woodrow, B.Sc.	1943
Tonkin, Mary Elizabeth, B.A.	1952	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Torr, Shirley Constance	1944	Wood, Allen Edwin, B.A.	1947
Townsend, Herbert Louis, B.A.	1945	Wood, Colin James, B.A.	1959
Traeger, Keith Terence, B.A.	1950	Wright, Angus Stanley, B.Sc.	1939
		Yelland, Kathleen Norah, B.A.	1959
		Zoratti, Alba Pierina, B.A.	1949
		Zweck, John Everard, B.A.	1962

## ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Cook, Heather Mignon	1947
Allen, Ursula Margaret	1957	Cooper, Brian James	1954
Allert, Margaret Elizabeth	1943	Coppock, Jeannetta May	1943
Angwin, Helen Mary	1952	Cox, Marilyn Ann	1960
Arthur, Lawrie Edyvean	1949	Crisp, Brian Rex	1952
Aspinall, Nancie Jean	1944	Daly, John Alfred	1960
Astley, Margaret Helen	1953	Dane, Beverley Ann Jennifer	1959
Baker, Mary Elizabeth	1942	Davis, Colleen	1962
Barker, Leon James Frank	1957	Delanty, Patricia Hickford	1949
Barnett, Frederick Ian	1956	Delsar, Frederick William	1949
Bearc, Lynden Day	1954	Drabsch, Alfred Felix, B.A.	1947
Bell, Thomas Clive Lithgow	1948	Duffield, Valma Jean	1953
Betteridge, Pamela Beth	1951	Duncan, Prudence Ann	1960
Betts, Beverlie Frances	1962	Edge, Thomas George	1958
Braham, Henry Arnold Collyer	1951	Eldridge, Diana Melbourne	1950
Brooks, Charles Alfred	1945	Farmer, Judith Ellen	1957
Bryce, Gordon	1962	Freebairn, Jeannette	1962
Bullock, Ivor George William	1950	Fromen, Petrea Elsie Dora	1950
Bungay, Valmai Gladys	1958	Gates, Ian George	1958
Cadzow, Leslie Consort	1949	Grace, Gloria Dawn	1951
Carlson, Margaret Jean	1958	Grange, Mary Louise	1958
Chapman, Denise Alcon	1950	Green, Ralph Noel	1952

Halbert, John Arno	1958	Paddock, Robert Joseph	1961
Halsey, Trevor Geoffrey	1954	Page, Ronne Earle	1944
Haslam, Denise Allison	1949	Pavia, Grant Robert	1961
Henderson, Joyleen Faye	1962	Proctor, Ivy Millicent, B.A.	1945
Hodgson, Geoffrey Arthur	1950	Pugh, Elizabeth	1949
Horne, Leonard William	1960	Quigley, Brian Maxwell	1959
Horvat, Ludovic Henry	1941	Reynolds, Maxwell Stanley	1944
Ising, Margaret Lucy	1942	Roberts, Owen David	1947
Jensen, Richard Ian Broughton	1950	Rowe, Joy Dorothy	1950
Jericho, Lois Joy	1960	Saint, Bryce Wesley	1958
Jude, Margaret Bowman	1962	Scheutz, Harold Edwin	1947
Kidman, Elizabeth Duncan	1942	Sibly, John Maslin	1958
Lapthorne, Robert Ingersoll	1960	Sladden, Jefford Desmond	1949
Laycock, Geoffrey Clinton	1948	Snowden, Janette Daphne, B.A.	1960
Lines, Beryl Linda	1952	Taylor, Philippa Helen	1959
McCarthy, Craham Rees	1960	Telfer, Iris Claire	1956
McDowall, James	1952	Thomas, Margaret Anne	1945
McCargill, Gordon Winstanley	1949	Torr, Alison Ruth	1950
MacGillivray, Leith Grant	1951	Treagus, Edward Mervyn	1959
Maddocks, Jean Kinloch	1944	Tuckwell, Patricia Glenne	1957
Marsland, Brian Keith	1961	Van Velsen, Carolyn Marie	1961
Mellish, Mary Evelyn	1954	Watson, Margaret	1953
Michelmores, Agnes	1958	Whalen, Harry Roy	1961
Munn, Gary Reuben	1962	Whittingham, Nancy Olive May	1958
Mutton, Howard James Charles	1948	Williams, Margaret Gordon	1942
Newman, Shirley Lena	1954	Williams, Rosemary Claire	1961
Nixon, Valerie Colinette	1955	Williamson, Catherine Patricia	1961
Noble, Alan	1956	Wollaston, Elsie Margaretta, B.Sc.	1950
O'Loughlin, Ruth Dorothy	1945	Wollaston, Philip Hamilton	1954
		Woodriddle, Aileen Frances	1948

## 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
Nairn, Loris Walter	1929	Williams, Gustav Cyril Milton	1929

## ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Booth, Thomas Sheldon	1937
Abraham, Monica	1962	Bourne, John Wallace	1943
Adey, Ronald Lawrence	1962	Bowen, Frederick Lloyd	1939
Anderson, Gwendoline Eva	1947	Bowey, Allan Edgar	1938
Anderson, Ronald Alexander	1944	Brady, Michael Ignatius	1954
Andrews, Erson Leonard	1939	Branson, Robert Rolling	1937
Ardill, David Anthony	1953	Brett, Jack Nethersole	1938
Argall, Philip John Tadd	1958	Brewster, Cora Elaine	1948
Bahnish, Noel	1945	Brice, Robert Hosking	1954
Bailey, Geoffrey Reginald	1948	Broad, Lionel Hugh	1943
Bajer, Leonid	1958	Broadbent, Frank Brooker	1957
Bajorunas, Andrius	1957	Brougham, Robert Joffre	1940
Baldo, Brian Angelo	1961	Brown, Donald Thomas	1956
Ball, Gerald Benjamin	1953	Brown, Leonard William	1958
Ball, Peter Crowden	1955	Brown, Peter Hackett	1959
Bannister, Neil Prescott	1956	Brown, Ronald Emanuel	1944
Barclay, Elizabeth Mollie	1962	Buik, Donald Andrew John	1954
Bardolph, Donald Harold	1952	Burge, Donald Raymond	1961
Bardolph, June Mary	1954	Burge, Raymond Henry	1936
Barnett, Anne Patricia	1962	Burns, John Vernon	1956
Barnes, Donald Stalley	1947	Butler, Richard James	1954
Barnes, Herb	1944	Byrne, Ashley John	1959
Bartold, Geoffrey Paul	1947	Byrnes, Reginald Phillip	1960
Bassett, Murray Maxwell	1948	Cacas, Don George	1958
Bassham, Ian Glen	1962	Cacas, James George	1956
Bayly, Peter John	1962	Callaghan, Maxwell John	1951
Bazeley, William Joseph	1945	Callaghan, Roy Hugh	1948
Beaty, Edward William	1954	Campbell, Margaret Diane	1956
Beckinsale, Ronald Herbert	1949	Carlier, Ellis Gladstone	1951
Beilby, Jack Canavan	1947	Carnie, John Alfred	1950
Bennett, Judith Ann	1959	Caught, James Gardiner	1935
Bentley, Alan	1937	Cavanagh, Robert Edwin	1936
Bentley, Deryek Edward	1947	Cawte, Brian Vincent	1957
Bertram, John Stanley	1957	Cescato, Guido Ferdinando	1959
Bessell, Raymond Leonard	1959	Chapman, Avis Carol	1952
Billing, Robert Heaton	1953	Cheek, Harold Dudley	1939
Bishop, David Edwin Pemberton	1959	Cheek, Robert	1953
Bishop, Ronald Lancelot	1951	Chesney, Robert George	1955
Bishop, William Victor	1949	Chodowski, Samuel Mendel	1941
Blanks, William Bennett	1957	Clampett, Richard Blackmore	1956
Booker, David Michael	1960	Clancy, Ross Percival	1945

Clark, Arthur Wellesley	1934	George, Humphrey Edward	1958
Clarke, Trevor Keith	1945	Gerard, Nancy Joy	1955
Clarke, Vinrace Lisle	1936	Gerken, Hans Juergen	1962
Clarke, William Graham	1947	Gibson, Elaine Emmalene	1957
Clota, Patricia Mary	1961	Gilbert, Glenn John	1961
Cock, Alexander Geoffrey	1959	Gilbert, Harold William	1947
Cocks, David Gordon	1956	Giles, Howard William	1959
Coleman, Ronald George	1947	Gill, Trevor Wayne	1961
Coles, Herbert Desmond	1953	Gillespie, Keith Herbert	1939
Combe, Gaynor Jeanette Florence	1962	Claros, James Arthur	1961
Conigrave, Michael Clement	1959	Glastonbury, Kevin Brian	1955
Connell, Myles Patrick	1949	Goldsack, Glen Ronald	1957
Cooper, Nancy Marina	1956	Goscombe, David Bevan	1952
Coorey, Brian Norman	1950	Gould, Ashton Noye	1938
Cornish, John Neil	1956	Graham, Francis Chapple	1961
Cosgrove, Peter Brian Anthony	1957	Grimes, Charles Lindsay	1952
Coultas, Ronald John	1950	Grist, Robert Hocart	1951
Cox, Peter John	1951	Grooby, John David	1951
Cracknell, John James	1953	Grove, William Murray	1939
Crafter, Kenneth Charles	1938	Grummet, Philip Hodgson	1956
Crago, Reginald Allen	1951	Cryst, Helen	1948
Craig, Lloyd Albert	1941	Cryst, Peter Mervyn	1943
Craigie, William Leslie	1962	Cryst, Ross Edward	1952
Croft, Mary Ellen	1954	Guthrie, John Vincent	1948
Crowley, Frank Noah	1953	Gwynne, Robert Frank	1935
Curnow, Thomas Martin	1942	Haddad, Alick Peter	1958
Currie, Robert John	1950	Haddy, Kenneth Ian	1955
Cushway, Albert Len	1954	Hall, Thelma Dorothy	1937
Dahl, Margaret Eunice	1960	Hammat, Edwin Laurence	1948
Daniell, Ross Wilfrid	1938	Hammond, Joy Dorrita	1955
Darwin, Lloyd Edwin	1943	Hanna, Robert Andrew	1951
Davies, Jonathan	1953	Hardwick, Bernice	1949
Davis, John Lloyd	1953	Hardy, Stuart Edward	1936
de Brenni, Jules	1944	Harnett, Gilbert Barry	1955
de Waard, Pieter Carl	1955	Harrison, Warren George	1959
Dent, Althea Ada Lorraine	1953	Harvey, Marie Jeanne	1956
Dixon, John Miller	1953	Hawson, William Francis	1952
Doe, Alwyn Gilbert	1951	Hayter, Bruce William	1951
Doecke, Jillian Eleanor	1961	Hearn, Walter Joseph	1945
Dolman, John George	1951	Heint, Eduard Ewald	1956
Donaldson, Kevin James	1959	Helier, Roger Stanley	1960
Donohue, John Sylvester	1957	Hemmings, Thomas Prior	1945
Dowding, Ruth Elma	1948	Hennessy, Claude Harold	1940
Downie, Sydney Andrae	1940	Hennessy, Ian Nicolson	1955
Drake, Peter Richard	1954	Hennoste, Märt	1960
Ducker, Murray Edward	1960	Hession, John Eric Martin	1941
Duggin, Ivan James	1956	Hewitt, Rosslyn Jayne	1959
Duncan, John Davidson	1950	Hibble, Ross Ernest	1950
Dundon, Laurence James	1942	Higgins, Gordon Leslie	1949
Dundon, Noel Francis	1949	Hill, Dudley Clarke	1950
Dunstone, Kenneth William Thomas	1943	Hillman, Eric Anthony	1954
Eckersley, Malcolm Russell	1939	Hodgson, Alan David	1956
Edwards, Brian John	1960	Holder, Reuben Clement	1953
Egar, Paul Gerard	1949	Hole, Ronald	1952
Elix, Robert Hugo	1935	Holland, Bernard John	1952
Entwistle, John	1947	Holmes, Leon Francis	1960
Evans, Anthony Greig	1945	Hopewell, Edward Wallace	1951
Evans, Margaret Ann	1956	Hosking, Allen Edwin	1934
Evely, Roderick Harding	1938	Huber, Waldemar Richard	1957
Everett, John Kingsley	1953	Hulbert, Russell George	1938
Ey, William Theodor	1937	Humble, William Gilbert	1954
Farley, Donald Charles	1955	Humphrys, Arnold Clarence John	1951
Farmer, Swithin William	1959	Hunt, Laurence August	1953
Feist, Colin Sydney	1957	Hutchins, Ross	1942
Fenn, Donald George	1950	Huxtable, Colin Stanley	1948
Field, Arthur Blackiston	1942	Huxtable, Kenneth Clarence George	1949
Fisher, Robert Hilson	1942	Hyde, Donald John	1960
Fitzgerald, Ian Thomas Francis	1957	Jackson, John William	1957
Fitzgerald, Robert John	1940	Jacobs, Philip Arthur	1952
Flaherty, Howard Norman	1947	Jeffrey, John Leigh	1956
Fleer, Eric Donald	1952	Jeffs, Percival Lancelot	1938
Fletcher, Herbert Ross	1962	Jelks, John Robert	1958
Fletcher, Raymond Frank	1961	Jenner, Helen Muriel	1959
Flood, Harry Brougham	1951	John, Clarence Gilmore	1948
Flood, John Warden	1951	Johnson, John Kenneth	1950
Flower, Alexander McKinnon	1953	Johnson, Keith Douglas	1941
Folkert, Marina	1957	Johnson, Leonard	1945
Foreman, Kevin John	1960	Johnson, Owen Royce	1956
Francis, Robert Leonard	1950	Johnston, Edwin John McCallum	1938
Fraser, Wallace	1950	Johnston, Michael John	1962
Fraser, Kenneth John	1952	Jolly, Norman Dickson	1939
Frearson, Harold Thomas	1939	Jones, Douglas Perry	1950
Freeman, Colin Charles	1944	Jones, Jennifer Margaret	1959
Freeman, John Christian	1943	Jungfer, John Gerrard	1961
Fricke, Yvonne June	1954	Justin, John Herbert	1942
Funder, Eileen Mary	1935	Kachne, Brian Robert	1959
Gameau, John Lewis	1936	Kain, Coleman Lawrence	1938
Garrett, Philip Douglas	1953	Kamm, Geoffrey Norman	1955
Gartrell, Roger	1936	Kasdoba, Lydia	1957
Gaunt, Norman William	1934	Kean, Christopher James	1953
Gelezkov, Mary	1961		

Keipert, Paul Howard	1942	Moriarty, Daniel Francis	1951
Kentish, Frank Stow	1952	Moriarty, Vincent John	1957
Kildea, John Brian	1952	Morony, Graham Tylor	1955
Kimber, Hubert Thomas	1937	Mosel, Donald	1945
Kimber, Malcolm John	1956	Mudie, Robert Charles Wedderburn	1952
King, David McMillan	1957	Mudie, Stuart Mayelston	1953
Kinnear, Gerald Campbell	1955	Mugg, Gordon Murrie	1940
Kinsley, John Vere	1938	Munyard, Patricia Carlene	1957
Kirby, David Bevan	1940	Nagy, Akos	1957
Klaffer, Ralph	1954	Netting, Keith Cameron	1956
Knightley, Harold Alan	1948	Newbery, Betty Hilda	1947
Knill, Douglas William	1940	Newbery, Donald Ernest	1944
Laffer, Mildred Emily	1935	Newbery, John Henry Edward	1947
Lalor, William Brian	1935	Newson, Clarence Alfred	1941
Larwood, Patricia Myrtle	1947	Nicholas, Cecil David	1941
Lawton, Brian Eley	1949	Nicholls, Brian Charles	1949
Lazare, Marcel Bancion Issac	1956	Nicholls, William John	1956
Lazare, Vicky	1959	Nicholson, Joan Valma	1957
Leak, Weston Hugh	1939	Ninio, Henry Jacques	1961
Lean, Albert Gordon	1938	Norman, Alfred James	1935
Lean, Keturah Victoria	1935	Norman, Jack Campbell	1951
Lee, Graham Bruce	1959	Norton, Leonard	1959
Lee, Thomas Ian	1954	Nottage, Jeffrey Keith	1960
Lenthal, Douglas Lionel	1936	Nunn, Graham Jefferson	1959
Lever, Lionel Alfred	1952	O'Callaghan, Neil Edward	1956
Lewis, Graham Neil	1961	O'Connor, Brian Thomas	1954
Lewis, Loulie Maxine	1949	Odgers, Murray Grenfall	1938
Leyshon, Stephen Noel	1954	Offe, Garth Ian Hamilton	1940
Lipert, Alan Lewis	1962	Ongley, John Henry Albert	1936
Lloyd, Jack Maxwell	1955	O'Reilly, Dominic Patrick John	1941
Lock, Peter Bayard	1943	Orr, Fay Patricia	1954
Lockett, Trevor John	1958	Oswald, John Kenneth Gibson	1960
Logan, Margaret Alberta	1961	Otto, John Leyland	1954
Lokan, Elaine Beryl	1957	Pain, John Shannon	1955
Lovell, Barbara Jean	1948	Pak Poy, Wilfred Cecil	1952
Lower, Rupert Alexander	1940	Palape, Janis Zanis	1954
Ludkins, Geoffrey James	1961	Palk, Michael John	1955
Lugg, Patricia June	1959	Parker, Colin John	1954
Luks, Edite Helga	1962	Parker, Rex Carleton	1934
Lynas, Kaye Ward	1952	Parsons, Donald Allan	1952
Lyons, Colin Henry	1951	Paterson, Fay	1958
McCarthy, Kenneth Arthur	1961	Paterson, Kevin Walter	1955
McCarthy, Roderick Charles	1936	Patrick, Brian Thomas	1960
McColl, Peter Donald	1951	Patrick, Reginald Ross	1942
McDonough, Peter John	1959	Patterson, Ronald Thomas	1939
McKellar, Keith George	1959	Pawson, Keith Curry	1952
McKenzie, John David Blair	1958	Payne, Beryl June	1952
McMordie, James George	1960	Peck, Donald Harvey	1947
McNeil, Keith Albert	1950	Penhall, Donald Frederick James	1951
MacQueen, David Dugald	1952	Penny, Donald Ross	1952
MacRae, George Brown	1933	Phanchet, Chantance	1957
Madigan, Haydn John	1956	Phillips, Kevin George	1952
Maine, John Evans	1955	Phillips, Christine Ellery	1961
Makin, Harry Arnold	1942	Phillips, Yvonne Ruth	1953
Maloney, Barbara Lillian	1960	Philp, Harold John	1953
Maloney, Denise Minetta	1956	Physick, Anthony Noble	1960
Maloney, Peter Robert Gryst	1956	Physick, William Alick	1940
Maloney, Terence John	1958	Pickering, John Ronald	1953
Malpas, Cecil Egerton	1945	Pittman, Brian Arthur	1962
Manhire, Donald Walter	1955	Pledge, John Melvin	1958
Manning, Lancelot Henry	1934	Pope, David Floyd	1958
Manton, Jack Hudson	1934	Pope, Peter Ray	1962
Martin, Adeline Zoe	1934	Porra, Robert John	1953
Martin, Beverley Sue	1956	Porter, Kenneth Symes	1935
Martin, Kinnish Salkeld	1961	Potts, Frank Desmond	1951
Martin, Rex George	1958	Preece, Malcolm Stewart	1954
Martin, Rosalie Edith	1961	Pride, Geoffrey William	1961
Martindale, Aileen Francis	1948	Priess, Richard John	1941
Martindale, Edward John	1947	Frisk, Colin John	1962
Marshall, Alfred George Robert	1939	Pritchard, Helen Bessie	1948
Mathieson, Allen George	1955	Prosser, Malcolm Geoffrey	1955
Matthews, Maurice John	1935	Purches, John Alfred	1947
Mayfield, Margaret Hazel	1955	Quintrell, Laurence Neil	1959
Mazzei, Anthony Ronald Peter	1962	Raimondo, Frederick	1961
Meaney, Lance Amadei	1962	Ramsay, Douglas	1934
Meadsday, John Cleveland	1943	Ramsey, Colin Bruce	1950
Medlow, Ronald George	1954	Ramsey, Maxwell George	1953
Meegan, Peter	1951	Ramsey, Mollie Aileen	1942
Mensforth, Paul Alfred	1960	Randell, William Richard	1940
Meyers, John Robert	1958	Rankine, Ian Jeffrey	1942
Michaels, Donald Ernest	1941	Raud, Rudolf	1955
Middlemiss, Brian Robert	1951	Rauth, William Heseltine	1941
Mildren, Brian Frederick	1944	Ravesi, Louis	1961
Millar, Bruce George	1960	Redmond, John William	1958
Miller, Heather Joyce	1948	Reid, Betty Lorna	1949
Miller, Robert Lionel	1938	Reid, Colin Liston	1954
Mitchell, Donald Graham	1944	Retallick, Gladys Yvonne Joan	1943
Mitchels, John Roger	1954	Retallick, John James Mark	1951
Mittiga, Tommy Michael Archangel	1961	Rice, William Frederick	1934
Montgomery, Gillian Pentland	1955	Richards, Brian John	1952

Richards, William Leonard	1956	Taylor, Ray Athol	1949
Richardson, Jack McPherson	1937	Taylor, Ronald Norman	1947
Richardson, Joseph Peter	1961	Taylor, William Thomas	1936
Richter, John Steven	1954	Teakle, John Kevin	1951
Roark, Ian Bolton	1959	Telfer, Donald	1954
Roberts, Peter Vernon	1951	Theel, Elliott Wilkins	1955
Robinson, Murray Gilbert	1947	Thomas, Donald Laurence	1961
Rodda, Robert Willard	1955	Thomas, Jeanette	1956
Rogers, Barry Harcourt	1952	Thompson, David Richard	1958
Rohlfing, Kenneth Malcolm	1948	Thompson, Donald Bruce	1953
Rohrig, D'Arcy Clayton	1941	Thompson, Eric James	1935
Rolfe, Thomas John	1936	Thompson, Jillian Erica	1959
Rosewall, Robert Walker	1953	Thomson, Margaret	1957
Rostek, Zenon-Carolus	1957	Thredgold, John Lewis	1960
Rowe, Gordon Thomas	1948	Tiver, Lloyd Charles	1937
Rowe, John Crawford	1950	Tomlinson, Janet Rosemary	1957
Rowell, John Neville	1959	Tonkin, Peter Richard	1942
Rush, William Callander	1947	Townsend, Graham Rosslyn	1952
Russell, Alan Alexander	1950	Tregilgas, Bruce Burnett	1957
Russell, Norman	1942	Trevelyan, Denys Murray	1948
Ryan, Molly Hazel	1943	Trummer, Anthony George	1955
Ryder, John Bernard	1954	Tulloch, Roger James	1949
Saies, David	1934	Turner, Ross Walter	1959
Salman, Harry William	1955	Tyler, David John	1960
Sawyer, Trevor Joseph	1954	Upton, James Harold Charles Hughes	1938
Scarman, Graham Alwyn	1953	Upton, Robert Maxwell William Alexander	1951
Schocroft, John Charles	1958	Valente, Giulio	1955
Schoff, James Alec	1951	Veitch, Robert Henry	1951
Schroeder, June Adele	1962	Venning, Claude Meadows	1940
Schuetz, Robert John	1962	von Doussa, Kathleen Gwendoline	1949
Schultz, Barry Robert	1940	Walker, Brian Gilbert	1962
Schultz, Francis John	1952	Walker, Graham John	1961
Scrivener, Bruce Allan	1950	Walker, Leonard Frank	1936
Scrivener, Desmond Arthur	1944	Walker, Raymond Charles	1943
Shapter, William Evan	1962	Wall, Kenneth	1936
Shaw, Peter	1940	Wallace, Malcolm Gladstone	1958
Shepherd, Peter	1936	Walsh, Afton Peter	1937
Sheliffe, Reginald George	1959	Walsh, Zeta Mary	1934
Shinnick, John Roger	1952	Wandke, Brenton Graham	1955
Short, Lynette Margaret	1955	Ward, Clyde Hedley Charles	1948
Shute, Leslie Norman Keith	1938	Ware, John Brian	1950
Siggins, Ronald Hewitt	1953	Warnecke, Drennan Paul	1949
Simcock, Gerald Cyril	1951	Warnecke, Peter Gerald	1952
Simon, John Ross	1952	Warren, Donald Spencer	1951
Skews, Thomas Nisbett	1961	Washington, Neville Elliott	1958
Skull, David Geoffrey	1960	Waters, Robert William	1958
Skurray, Ronald Anthony	1945	Watson, Colin Hubert	1955
Sleep, Frank Ronald	1960	Watson, John Myers	1949
Smith, Frederick Brian	1934	Watts, John William	1938
Smith, Graham Reginald	1957	Watts, Robert Neville	1955
Smith, Heather Belle	1939	Wauchope, Alan Wylie	1941
Smith, Mervyn Keith	1940	Webb, Donald Ralph	1943
Smylie, Gordon McInnes	1950	Webber, Brian Earl	1952
Smyth, Neil Lawrence	1960	Weedman, Dale Elton	1954
Somerville, Peter James	1956	Weller, Reginald Lancelot Elon	1953
Somogyi, Laszlo	1942	Wellington, Nancy Catherine	1944
Sorrell, Leonard Martin	1959	Wescombe, Peter George	1953
Southam, David Michael	1950	West, Lionel Thomas	1952
Southam, Sydney Anthony	1962	Wheaton, Frank Hurtle Pengelley	1948
Sowry, Kerry John	1939	Wheeler, Eric Henry	1942
Spafford, Rex Netherton	1952	Wheeler, Reginald Gordon	1944
Sperber, Allan Lynton	1957	Whitelum, Donald Lindsay	1959
Spick, John Vaughan	1958	White, Brian Kenneth	1957
Spurling, Peter Michael	1939	White, John Carew	1940
Stain, John Wright	1955	White, John Matthews	1941
Standish, Donald James	1960	Wickes, Ronald John	1941
Stanfield, Pauline	1954	Wigley, Tom Joseph	1934
Stanley, Patricia Dorothy	1962	Williams, Allan Ross	1956
Starr, Barry John	1943	Williams, Brian Norman	1954
Statton, Bruce Arthur	1952	Williams, Edward Francis	1947
Stedman, Paul George	1960	Wilson, Beryl Maud	1951
Stephens, James Stanley	1957	Wilson, Donald Kenneth	1951
Stock, Beresford Hannam	1962	Wilson, Michael Minell	1956
Stock, Dianne Christine	1951	Wilson, William Fraser	1941
Storen, Walter Joseph	1961	Wood, Ian Barclay	1962
Stratton, Trevor Carl	1961	Woods, Meredyth Tenison	1962
Strehlow, Rotraud Frieda Agnes	1942	Woolford, Lewis Maxwell	1951
Streicher, Francis Mannix	1942	Woollard, Mervyn John	1935
Stuckey, Mary Hill	1957	Woollard, Michael Jon Winston	1962
Stunnel, Gwenda May	1952	Wormald, Colin Lyle	1962
Sutcliffe, Lewis Allan	1942	Worthington, Ralph Henry	1953
Swan, Joyce Charlotte	1953	Wurm, Peter Sinclair	1953
Sweet, Ronald Langdon	1951	Wylde, Robert Bowen	1950
Symonds, Robert Murray	1940	Young, Geoffrey David	1962
Talbot, Allan Benjamin		Zander, Frank Howard	1941
		Zilm, Lorraine Betty	1956

## ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Horton, Robert Ralph, M.B., B.S.	1957
Andrews, Judith Mary, B.A.	1958	Howe, Amcra Patricia Shirley	1956
Angove, Margaret Carlyon	1942	Hunter, Geoffrey Norman	1950
Ashbolt, Winifred Joy	1948	†Hunwick, Maureen Mary (1938)	1942
Astley, Joyce Mary	1947	Hutchinson, Yvonne Francis	1949
Austin, Meredith Helen	1959	Jackson, Iris Ellen	1949
Bails, Ruth	1943	Jacobs, Eleanor Caroline	1944
Baker, Mary Elizabeth	1947	James, Helen Margaret, B.A.	1943
Bakewell, Joan Helen	1951	Jenkins, Merle Nona	1950
Ball, Heather	1951	John, Ian David	1958
Ball, Iris Marguerite May	1949	Johnson, Marjorie Lisle	1947
Bates, Nancy Patricia	1947	Jones, Albert Richard	1949
Bayer, Josephine Kent	1944	Kay, Franziska Clara	1948
Benjamin, Eric	1949	Kempe, Merridy Henderson	1948
Bidwell, Dorothy Gwendoline	1949	Kennedy, Marjory May	1954
Boehm, Claire Edith	1951	Kerr, Olwyn Gertrude	1948
Bosworth, Catherine Jean	1947	Khoo, Beng Choo	1959
Bowen, Mary Alice	1957	Lawrence, Robert John, B.A.	1953
Bowen, Suzanne Joan	1944	Lean, Shirley Doris	1949
Bruer, Brigid Hilda	1957	LeCornu, Barbara Joy	1949
Buckley, Hannah	1942	Leonard, Mary Jocelyn	1960
Burnett, Ronda June	1949	Lewis, Ruth Pamela	1949
Burns, Margaret Temouth	1945	Linsell, Nina Constance	1959
Carlton, Eileen Grace Sally	1953	Liston, Doreen Bice	1950
Carthew, Margaret	1948	Lorking, Diana Pauline Elizabeth, B.A.	1950
Cashell, Frances Marie	1955	Lovibond, Sydney Harold	1949
Cavalier, Elizabeth Mary	1944	†McDonald, Jessie Angus (1939)	1942
Chong, Catherine Chee Kin	1956	McEachern, Heather Campbell	1956
Clark, Caroline Emily	1949	†McIntosh, Florence Mary (1938)	1942
Clarke, Walter Frederick	1950	McLaughlin, Helen	1948
Clay, Geraldine Ann	1958	†McKail, Mary Boyer (1938)	1942
Clegg, Donald Stanley George	1950	MacKay, Annette Frances	1942
Cleland, Pamela Mary, B.A.	1949	†Macklin, Nancy Marie (1940)	1942
Clucas, Gwendoline Ivy	1944	MacLennan, Flora Joy	1942
Cope, Joan Maxine	1951	McPherson, Margaret Helen, B.A.	1953
Cornish, Mary Esther	1947	Maddigan, Pauline Anne	1954
Crook, Marjorie Marion, B.A.	1948	†Marcus, Patricia Langman (1938)	1942
Crosby, Heather Bembrick	1945	Marsden, Elizabeth Ann	1953
Crouch, Lilian Rubena	1948	Mathews, Rita Clarice	1948
Cuddihy, Geoffrey Thomas	1952	Matters, Barbara Frances	1948
Cuthbertson, Grace Joy	1953	Matz, Marilyn Anne	1959
Cutten, Judith Ann	1959	Maund, Doreen Rhoda	1951
†Davis, Phyllis Evelyn Eva (1941)	1942	†Mengerson, Margaret (1939)	1942
Daw, Rosalind Anne	1957	Mercer, David Jeffrey	1948
Dermott, Veda Rosemary	1957	Michell, Aithnah Howard	1950
Dixon, Beryl Joyce	1957	Miller, Barbara	1956
Dobson, Lesbia Constance Alma, B.A.	1947	Modra, Pamela Marie	1956
Douglas, Christine Gordon	1948	Moseley, Claire Elizabeth	1957
Douglas, Sonia Yvonne	1956	Mowbray, Brenton George	1958
Dow, Anne Eleanor	1949	Mune, Marie Elizabeth, B.A.	1954
Duncan, June Valerie	1954	Nairn, Phyllis	1948
Dutton, Léonie	1959	Nankivell, Diane	1948
Edwards, Alison Joy	1957	Noble, Joy Beryl	1958
Ellis, Joan Mary	1950	Osterman, Ingrid Gwendoline	1951
Featherstone, Dora Bewley, M.A.	1942	†Paine, Helen, B.A. (1940)	1942
Fitzgerald, Gwenyth Joy	1952	Paine, Janet, B.A.	1949
Flett, Phyllis Margaret	1948	Parker, Thelma Margaret	1948
Fong, Yin Kam	1953	Parkinson, Joan	1958
Forrest, Ida Jean	1949	Pascoe, Noeleen Deidre	1952
Fox, Alison Frances	1947	Perrins, Pamela Aileen	1953
Fox, Imogen Dymphna	1955	Plunkett, Margaret Elizabeth	1948
Garran, Elisabeth Rosemary, B.A.	1955	Plush, Helen Marie	1956
Gault, Yolande Mary	1949	Polkinghorne, Patricia Margaret	1951
Glastonbury, Albert Angus	1955	Pope, Kathlyn Hilary, B.A.	1953
Gow, Alwyn Mona King	1950	Porter, Margaret Leishman	1949
Graham, Elaine Alston	1951	†Prince, Beryl Lloyd (1940)	1942
Griffith, Elsie Mervyn	1948	Reed, Margaret Kathleen	1942
Guinand, Marie Louise	1955	Reynolds, Lilo, B.A.	1952
Habib, Mary Lorraine	1951	Ringwood, Pamela Elsie, B.A., LL.B. (Sydney)	1958
Hallett, Rosamund	1951	Roberts, Barbara June	1950
Hells, Christobel Heather Susannah	1949	Roberts, Luke Vincent	1949
Hambidge, Margaret Cecile, B.A.	1942	Rushton, Jennifer Fielding	1954
Hamilton, Diana May	1954	Russell, Brenda Amanda	1949
Harris, Cyril Eric McGillivray	1949	Sadler, Barbara Isabel	1954
Haselgrove, Margaret Ann	1956	Salter, Amy Vivien Fulton	1945
Haslam, Anne	1947	Sandford, Patricia Mary	1947
†Haste, Ada Louise (1941)	1942	Sandford-Morgan, Rosemary Linton	1949
Hayter, Joan Nelson	1948	Sard, Helen Riddoch	1953
Heffernan, Helen Margaret	1949	Schmidt, Thekla Naomi	1947
Helman, Eve	1947	Seedsman, Lorna Joan	1956
Henderson, Barbara	1947	Serradura, Anthony Alexander	1953
Henderson, William Lionel	1959	Shaw, Margaret Pointon	1945
Hicks, Elizabeth Joan	1950	Silk, Beatrice Mary Mounsey	1945
Hill, Josephine Margery	1950	Simes, Maysie Hall	1948
Hogben, Elizabeth Cole	1948	†Slade, James Francis (1939)	1942
Hone, Jillian Raymond	1956	Smith, Ebery Hamilton	1956
Hope, Marjory Frances	1947	Smith, Graham Frank	1948

† See footnote at end of list.

Sobey, Iris Beatrice, B.A.	1947	Trotter, Eileen Mary	1947
† Stanton, Anne (1940)	1942	Turner, Margaret Patricia	1954
Stephen, Winifred Grace	1947	Tyson, Donald Gordon	1959
Stevenson, Margaret	1947	van Raalte, Winifred	1947
Still, Joan Eunice	1961	Vincent, Ivan Leonard Ray	1952
Stock, Colin Rendle	1949	Walters, Margaret Ward	1947
Streicher, Joan Patricia	1950	Warner, Joan	1951
Sugg, Madge	1947	Warneat, Jean Alice	1949
† Sullivan, Margaret Rendle, B.A. (1941)	1942	Waters, Lesley Brenda	1947
Tai, Marlene	1945	Waterman, Collette	1944
Tan, Sock Kia	1959	Wemyss, Glenys Maisie	1951
Tarbath, John David	1950	Whitehead, Millicent Alma, B.A.	1949
Teasdale, Margaret Jean	1952	Whittington, Anne, B.A.	1951
Teate, Elizabeth	1950	Wicks, Nancy Elizabeth	1947
Thomson, Joanna Roberta	1947	Wilmot, Edith French, B.Sc.	1944
Thomson, Reginald	1949	Wilson, Shirley Cameron	1950
Tilemann, Rosemary	1957	Winter, Eva Bertha	1951
Tipping, Barbara Gertrude	1944	Winter, Lewis Walter	1948
Tohill, Judith Windebank, B.A.	1953	Wollaston, Julienne Kinmont	1954
Travers, Ellen Gertrude	1955	† 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

Burnard, Robin	1960	Hughes, Patricia Gliddon, B.Sc.	1960
Dermott, Veda Rosemary	1959	Jeffries, Elizabeth Shirley, B.A.	1959
Douglas, Rosemary Lillian, B.A.	1961	Jones, Moya Frances Britten	1959
Gay, Patricia Emma	1961	Price, Lorraine Ruth	1959
Golley, Alison Mary	1962	McKittrick, Coral Yvonne	1961
Hardy, Margaret Anne	1962	Moore, Barbara Grace, M.A. (Melbourne)	1960
Harris, John Vivian	1962	Nance, Graham John	1962
Hemer, John Murray	1962	Noble, Jack Morton	1962
Higgins, Anthea Mary	1961	Tan, Jerry Andrew	1961
Holland, Terence Joseph	1960	Yeo, Kim Seok	1961

## ASSOCIATES IN PHYSIOTHERAPY

Ackland, Helen Harrington	1958	Dunning, Beverley Constance	1958
Adams, Jill Patricia	1962	Dwyer, Margaret Rosalind	1958
Addison, Geraldine Mary	1960	Evans, Margaret Wynne	1956
Anderson, Doreen May	1958	Fielder, Ethel Kathleen	1948
Appleby, Dorothy Dawn	1950	Fisher, Joan Elizabeth	1957
Ashton, Barbara Jean	1953	FitzPatrick, Eril Margaret	1950
Badge, Helen Elizabeth	1960	Follett, David James	1953
Banks, Athalie Isabelle	1951	Frankcom, Rhonda Patricia	1952
Banks, Garland	1951	Fricker, Muriel Vera	1948
Barclay, Alison Mary	1960	Gardner, William James	1960
Barlow, Margaret Jean	1956	Gault, Averil Margaret	1949
Beech, Alison Erica	1954	Gemmell, Rae St. Clair	1958
Begg, Jenny Isobel	1949	George, Elaine Fay	1961
Begg, Pauline	1951	Gibson, Pauline Janet	1956
Biven, Mabel Audrey	1947	Gillman, Meredith Eldred	1958
Blake, Jillian Heather	1956	Glover, Patricia Joan	1961
Bloor, Helyne	1961	Goldsack, Jenifer Ann	1960
Bowden, Margery Helen	1960	Graham, Alison Margaret	1960
Bowman, Kathleen Mary	1952	Graham, Ronald Kirkwood	1953
Brady, Kevin James	1953	Gray, Gary Colin	1953
Branson, June Maxine	1948	Gray, Janet Lesley	1950
Broad, Donald Ivor	1954	Gray, Jennifer	1962
Brooks, Dorothea Joan	1956	Gray, Jule Marie	1951
Burrows, Susan Joy	1962	Ham, Helen Prudence	1954
Chambers, Ruth Alva	1955	Hamilton, Sally Nancy	1958
Chapman, Margaret Ann	1957	Hammond, Marie Joan	1951
Chapple, Margaret Anne	1962	Hannaford, Claire Anne	1949
Chittleborough, John James	1952	Hardy, Barbara Mansell	1946
Clark, Genevieve Mary	1950	Hardy, Mary Mansell	1951
Clark, Jenifer Margaret	1954	Haskard, Robin Lindsay	1954
Clark, Jennifer Elaine	1955	Heysen, June	1948
Collins, Doreen	1946	Holder, Charlotte Ruth	1949
Colliver, Judith Mary	1947	Hole, Rachel Agnes	1962
Copley, Fay Muriel	1948	Hosking, Elizabeth Mary	1957
Cornell, Janet-Clare	1956	Humphry, Mary Louise	1962
Cornish, Barbara Jean	1957	Jamieson, June Edna	1953
Cornish, Gwenneth Kathleen	1957	Jay, Judith Helena	1947
Creswell, Joan Elizabeth	1951	Jennings, Jill Cellibrand	1947
Crisp, Rosemary	1956	Job, Kathleen	1950
Crocker, Colleen Ann	1958	Johns, Gordon James	1946
Cross, Geraldine Frances	1954	Johnstone, Heather Joy	1958
Crowe, Helen Katherine Margaret	1948	Jones, Alison Mary Herbert	1948
Davys, Barbara Ramsay	1951	Jordan, Hilary Anne	1951
Deverson, Claire	1961	Juttner, Susan Elizabeth	1953
Dicker, Pamela Georgine	1962	Karpenko, Tatiana	1961
Dicker, Patricia Margaret	1958	Karpenko, Zoya	1961
Dingle, Elizabeth Ridgway	1960	Kelly, Francis Simeon	1949
Donaldson, Robert Gordon	1948	Kinsman, Alison Joan	1949
Dow, Diana Caroline Sandland	1947	Klutke, Eric Willi	1953
Downs, Margaret Rosslyn	1961		
Dunkley, Barbara	1952		

Laffer, Erica Merle	1952	Roach, Valerie Eyre	1949
Lake, Joan	1946	Robertson, Mary Douglas	1947
Laver, Dorothy Margaret	1948	Rofe, Margaret Jean	1950
Leslie, Janice Laurel	1958	Ross, Susan Mary	1947
Limbirt, Jeanette	1960	Rumball, Kathleen Janet	1955
Lloyd, Rosemary Anne	1962	Russell, Rosemary Alisanne	1961
McArthur, Judith Ann	1958	Rzeszkowski, Lois Morna	1948
McAuliffe, Margaret Muriel	1960	Salmon, Margaret Besley	1948
McCandless, Rosalind Elizabeth	1953	Sandow, Maxwell George	1945
McEachern, Jean Campbell	1958	Schafer, Enid Alice	1952
McElroy, Margaret Joyce	1950	Sharp, Janet Dianne	1960
McGrady, Rosemary Annette	1959	Shaw, Julie Margaret Rodas	1962
McKay, Margaret	1957	Shearer, Jocelyn Joan	1962
McKeough, Margaret Joan	1957	Simpson, Jean Katie	1952
Mackie, Margaret Irene	1950	Simpson, Rae David	1951
McLennan, Fay Masie	1951	Simons, Aileen Mary Grace	1957
McPhoe, Aileen Tempe	1949	Sims, Enid Helen	1950
Macrae, Wendy Sue	1961	Singh, Pritam	1960
Maitland, Geoffrey Douglas	1949	Smith, Elaine Lockhart	1946
Maloney, Patricia Kathleen	1950	Snow, Frances Mary	1955
Marshman, Margaret Felstead	1946	Sopp, Maxwell John	1958
Martin, Jill Sherwood	1961	Southam, Catherine Mary Rose	1956
Messent, Helen Sando	1960	Starr, Judith Anne	1954
Meyer, Carlien Allisarde Ripley	1952	Stoddart, Lorraine Mary	1951
Meyer, Rigmor Stewart	1948	Stokes, Meredith	1962
Mitchell, Dorothy Christine	1948	Supple, Harvey Walter Thomas	1958
Moore, Margaret Suzanne Alice	1945	Stump, Angela Withrington	1961
Moore, Virginia Joyce	1952	Symonds, Helen Lorna	1960
Morley, Mary Elizabeth	1946	Taylor, Christobel Jane	1952
Morris, Suzanne Beatrice	1949	Taylor, Margaret Anne	1952
Moulden, Gillian Mary	1960	Taylor, Margaret Jane	1960
Navakas, Aldona Victoria	1957	Taylor, Margaret Mary	1952
Neaylon, Carmel Mary	1960	Thomson, Janet Elizabeth	1951
Newland, Elizabeth Creswell	1961	Thorpe, Barbara Joy	1957
Newton, Margaret Betty	1950	Thorpe, Heather Evelyn	1957
O'Connell, Barbara	1952	Toft, Jan	1956
Page, Helen Mary	1961	Tosolini, Gwen Corinna	1951
Paige, Maxwell John	1949	Tregenza, Ann Irvine	1956
Parsons, Jill Angas	1958	Viksna, Velta	1955
Parsons, Stephanie Ethel	1961	Vincent, Jillian	1957
Podler, Hatherleigh Jane Lorimer	1962	Waddell, Margaret Jean	1945
Pengilly, Susan Lisbeth	1957	Walford, Joan Louise	1957
Petchell, Dorothy May	1960	Walker, Judith Nora Mudie	1958
Phillipps, Margaret Jean	1945	Wall, Ellen Winifred	1958
Phillis, Maureen Alfreda	1962	Warrington, Leonie Eve	1961
Pierotti, Margaret Brown Halley	1955	Waterhouse, Jane Hardey	1953
Pill, Barbara Elaine	1958	Watts, Alison Janet	1962
Pinder, Judith Ann	1954	Webb, Nancy Joan	1958
Piper, Rosemary Lillecraap	1954	Whicker, Joan Doreen	1954
Pitcher, Anne Barton	1951	White, Jenifer Judith	1954
Plush, Lesley Margaret	1949	White, Ruth Rosanne	1956
Polomka, Genevieve Joan	1957	Wicks, Claire Hampton	1947
Preston, Pauline Rowland	1949	Williams, Margaret Jean	1961
Price, Joanna	1960	Willis, Elizabeth Mary	1960
Radford, Margaret Ann	1956	Wilson, Earle Elliot	1958
Reynolds, Peter John	1960	Wood, Judith Mary	1953
Rice, Miriam Joan	1958	Wyld, Annette Eustace	1947
Rischbieth, Anne Helen	1950	Young, Margaret Alison	1960

## ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond	1960	Bain, Dean Rollo	1959
Adams, Colin Travers	1962	Baird, Alexander William	1959
Adams, Ian Sorby	1959	Baird, Rachel Mary	1949
Adams, James Harold	1961	Baker, Brian Reginald	1962
Adams, Malcolm Thomas	1952	Baker, Harvey Laurence	1950
Ahrens, Elsie Gladys (surrendered 1955)	1951	Banks, Jessie Mary	1962
Alexander, Stuart Dixon	1952	Barclay, Barry Ballington	1957
Anders, Beverley Margaret	1958	Barker, Leon James Frank	1952
Andrew, Russell	1960	Barker, Nancy Elizabeth	1961
Andrews, David Francis William	1948	Barr, Gweneth Janet	1957
Andrews, Rosemary Alison	1953	Barr, Trevor Frank	1961
Arbery, James Herbert (surrendered 1959)	1957	Barr, Trevor Marshall	1961
Argyle, Barry	1954	Barratt, Christopher Holland	1961
Armitage, Bessie Eleanor Mildred	1949	Barrett, Donovan Thomas	1959
Armour (nee O'Leary), Patricia	1950	Bartley, Helen Louise (surrendered 1962)	1959
Ashenden, Dean John	1962	Bartram, John Douglas	1962
Ashenden, Edward Scott	1961	Bastian, Elwin Scott (surrendered 1956)	1952
Ashton, Walter Ray	1950	Bawden, Maxwell John	1958
Aspinall, Nancie Jean	1951	Baxter, Ladislav Edward	1949
Atkin, Jack Taylor	1955	Bayly, Elizabeth	1948
Aubert, Graham James	1958	Beare, Lynden Day (surrendered 1960)	1955
Auhl, Ian Leslie	1952	Beare, Lynette Barbara	1959
Aylesbury, Colleen Valma Grace	1959	Beasley (nee Ford), Beverley	1958
Baddams, Alfred William	1962	Beasley, Victor John (surrendered 1957)	1955
Bailey, Donald William	1956	Beaton, Kenneth Murray	1958
Bails, Dennis Graham	1959	Beaty, Arnold Keith	1952
Bain, Barrington Walter	1960	Becker, Roy Colin	1959
		Beer, Peter John	1961

Beilby, Shirley May	1954	Coker, John Godfrey	1954
Bell, Kenneth Robert	1961	Coles, John Lawrence	1962
Bennett, Henry Russell	1948	Collins, Geraldine Ray	1961
Berg, Carlene Robin	1959	Collins, Henry Angus	1959
Bernard, Dorothy Adele James	1953	Collins, Patricia	1960
Berry, Christine	1961	Considine, Thomas John	1950
Berry, Elizabeth-Anne	1962	Cook, Colin George	1951
Biddle (nee Richards), Mary Elizabeth	1948	Cook, Dorothea Joy	1961
Bieske, Elaine Alison, B.Sc.	1962	Cook, Owen Gladstone	1953
Billing, Elizabeth Margaret	1960	Coombs, Ruby Rachel	1950
Bills, Barbara Alison	1959	Coppock, Alfred Arthur	1962
Birks, Stuart Napier	1962	Cornelius, Dorothy Clare	1962
Black, Jill	1959	Correll, Meredith Anne	1961
Blacket, Muriel Kirin	1960	Cotton, Clare Isabella	1961
Blake, Ronald	1961	Coulter, Frank	1949
Bonnett, Victor Walter Lincoln	1954	Cousins, Georgena Millicent	1952
Boehm, Kaylene Mary	1960	Cowley, Lorine Joan	1962
Bormann, Malcolm Carl	1959	Cox, Barbara Caroline	1960
Bosworth, Catherine Jean	1951	Cox, Margaret Helen	1959
Bourman, Robert Peter	1960	Cracknell, Vernon John	1960
Bourne, Margaret Cornelius	1949	Crick, Pamela Anne	1958
Bowden, Janet	1951	Cropley, William Haywood	1953
Bowler, Mary	1949	Cross, Jack (surrendered 1957)	1962
Bown, Henry Theobald	1949	Crotty, Margaret Audrey	1956
Braham, Henry Arnold Collyer (surrendered 1959)	1949	Crouch, Stuart Samuel	1962
Brand, Janice Margaret	1962	Cunningham, John Sydney	1956
Brand, Valerie Mildred	1960	Cupples, Sylvia Joyce	1959
Brideson, Colin Herbert	1950	Dadds, Brian James	1962
Bridgland, Margot Elizabeth	1953	Dadliff, Amette Thelma	1948
Bright, Esther Hollidge	1960	Daenke, Eric	1949
Britton, Robert John	1960	Dahl, James Oliver	1949
Brockhoff, Carol Faith	1960	Dane, Beverley Ann Jennifer, A.U.A. (Phys. Ed.)	1962
Brocksoop, John Ernest, LL.B.	1951	Darby, Ruth Mary	1949
Brown, Bruce Ambrose Hampson	1960	Davey, Kenneth Llewellyn James	1953
Brown, Norman (surrendered 1952)	1951	Davies, David Alwin	1956
Brown, Patricia Lorraine	1958	Davies, David William	1950
Browne, Thomas Joseph	1957	Davis, Brian	1949
Buick, William George (surrendered 1956)	1950	Davis, Frederick Harry (surrendered 1955)	1954
Bull, Keith Charles	1962	Davy, Alma Joan	1961
Burfield, Margaret Elizabeth	1956	Dawes, Walter Ernest (surrendered 1954)	1949
Burfield, Philip Allan	1961	Dean, Daniel Frederick	1959
Burgan, Owen Sylvester	1948	Delsar, Frederick William	1949
Burger, Janette Ann	1958	Dempster, Beryl Joan	1961
Burley, Betty Ellanora Dawn	1951	Dempster, Donald	1949
Burnard, Charles Robert	1948	Denning, Patricia Joan (surrendered 1958)	1956
Burns, Esther	1948	Dent, Ronald Thomas Stewart	1952
Burns, Robert Alexander	1951	Dickinson, Gwladys Margaret	1958
Burton, Lorraine Anne	1961	Dillon, Gerald Alexander, B.A., B.T. (Calcutta)	1958
Burville, Thomas George Theodore	1952	Dillon, Neralie Anne (surrendered 1961)	1957
Butcher, Colin Sydney	1951	Ding, Graham John	1961
Butler, Francis James	1948	Dixon, James Elmslie	1957
Buttrose, Stroma	1951	Dobner, Coralie Ann	1959
Buxton, Gordon Leslie (surrendered 1962)	1955	Dobner, Frederick Jack Pozières	1956
Bywaters, Mary Barfield	1951	Dodd, Josephine Joyce	1962
Cadd, Paul	1961	Dolling, Alison Mary	1960
Campbell, Barbara	1950	Dorman, Jean Alison	1951
Canning, Secsa Sunbeam	1960	Dowdell, Anne	1961
Carle, Judith Anne	1959	Dowley, Pamela Anne	1962
Carmichael, Barry Marshall	1962	Driver, Bruce Edwin	1952
Carmichael, Donald Ross (surrendered 1950)	1949	Driver, Tess	1962
Carpenter, Ivor Vernon	1961	Driver (nee Nixon), Valerie Colinette (surrendered 1957)	1952
Carthew, Ross Ernest	1960	Drogemuller, Jillian	1961
Cavenett, Horace Clifford	1948	Drummond, Susan Kay	1962
Champion, Dorothea Hedwig	1958	Duell, Allen John	1951
Chandler, Douglas Norman	1951	Duffield, Allan Raymond	1961
Chappel, Shirley Joan (surrendered 1959)	1956	Dunbar, Harry Edward	1953
Chapman, Kathrine Mary	1962	Dunlop, Walter James (surrendered 1952)	1951
Charlesworth, George Harvey (surrendered 1953)	1950	Dunstan, Allan Frederick	1961
Charlesworth, Jennifer Joy	1957	Dunstan, Arnold Edward Stanton	1948
Charlesworth, Joan Ann	1954	Dunstan, Leonore Winifred	1958
Chettle, Alison Rosemary	1962	Dyer, Frederick Stephen William	1955
Chinnick, Richard Lionel	1954	Dyster, Colin	1958
Chirgwin, Richard Joseph	1962	Dyster, Thomas (surrendered 1953)	1949
Cinzio, Aldo Guiseppe	1960	Earle, Marilyn May	1962
Clancy, Peter Allan (surrendered 1962)	1953	Eckert, Lexley Frank	1951
Clapp, Edwin Kenneth Hamilton	1960	Edge, Thomas George, A.U.A. (Phys.Ed.)	1961
Clark, John Stephen	1951	Edmonds, Thomas James	1956
Clark, Marjorie Hilda	1960	Edwardes, Arthur Diedrich	1956
Clarke, Brian Russell, B.Sc.	1961	Ekins, William Gray	1955
Clarke, Margaret Anne	1948	Erlanger, Henriette	1962
Clarke, Ruth Mary	1949	Esselbach, Rodney (surrendered 1956)	1953
Clements, John Wreford	1958	Evans, Ben Owen	1950
Clezy, Alethe Kathleen	1956	Evans, Peter	1953
Cochrane, Heather Bernice	1954	Fagan (nee Michael), Agnes Ruth	1955
Coggins, Harold Douglas, B.Sc.	1954	Farmer, Geoffrey Arthur Jessop	1956
Coggins, Jean Evelyn	1961	Farrow, Robert Murray (surrendered 1956)	1950
Coggins, Robert Symes, B.Sc. (Surrendered 1954)	1951	Faull, James Francis	1957
		Fechner, Ronald Kevin	1955

Fehlberg, Albrecht Joachim	1955	Hastwell, Nita Claire	1948
Feineler, Josephine Mary (surrendered 1962)	1958	Hatwell, Judith Mary	1962
Fenwick, Margaret Jean, A.U.A. (Phys.Ed.)	1961	Hatwell, Neville	1960
Fergusson, George Robert (surrendered 1953)	1948	Hawes, Gwynneth June	1952
Fielke, Robert John	1960	Hay, Nancy Evelyn	1952
Fitch, Nancy Jean	1949	Healy, Mary Myrtle	1960
Fitzgerald, Clarence Lindsay (surrendered 1952)	1949	Hecker, Coral Gladys	1950
Fletcher, Diana Kay	1962	Hefford, Ronald Keith (surrendered 1956)	1951
Fliszar, Beatrix	1960	Heinrich, Carolyn Anne	1960
Floyd, Dennis Sinclair	1961	Heinrich, Harold Gordon (surrendered 1956)	1954
Fopp, Brian Paul	1959	Heritage, Enid Helena (surrendered 1961)	1957
Foweraker, Alma Muriel	1950	Heyne, Ernst Bernhard	1960
Fowler, Ian Albert	1960	Hicks, Deidre Marie	1961
Francis, Lindsay Edward	1961	Hicks, Lancelot Fry	1951
Frank, Walter	1960	Higgs, Margaret Mary	1959
Freidenfelds, Ieva	1961	Hill, Brian Heaton	1954
Fricker, Lourdes Victoria	1951	Hill, Mary Jean	1958
Friedrichs, Noel Carl	1952	Hill, Victor Arthur	1952
Fuss, Patricia Joy	1959	Hillam, Malcolm David	1962
Gage, Josephine Helen	1958	Hillier, Alister Westford	1957
Gale, Milton Ewart	1956	Hilton, Ruth	1953
Gallas, David Dalmain	1956	Hinkly, Kenneth Paul	1960
Galle, Reginald Victor	1951	Hooking, Edward Bridgman	1951
Galvin, Patrick John (surrendered 1956)	1953	Hodgson, Geoffrey Arthur	1959
Garbutt, Mary	1954	Hogarth, Thomas Arthur	1961
Care, Dorothy Lomax	1958	Hoile, Mervyn John	1957
Garrett, Karil Mary Faith	1962	Holmes, Edwin Thomas	1957
Geekie, Ronald Gordon	1955	Holmes, Patricia Langley (surrendered 1958)	1954
Cent, Alan Peter	1962	Holthouse, John Lawrence	1962
Gerhardy, Gordon John (surrendered 1962)	1956	Holyoak, Janet Kay	1959
Gerner, Gillian May	1962	Honan, Margaret Colette	1959
Gibbs, Alfred Lewis Burnand	1948	Honey, John Woodville	1961
Gibbs, Helen	1962	Hood, Ralph	1960
Gibson, Helen Edith	1961	Hooper, Barbara Nellie	1957
Giddings, Keith (surrendered 1962)	1958	Hooper, John Robert (surrendered 1959)	1956
Gidney, Maxine Florence	1957	Hopgood, Donald Jack	1961
Giles, James Ramsay	1951	Horne, Leonard William, A.U.A. (Phys. Ed.)	1962
Gillies, Elizabeth Claire	1959	Horsnell, Keith Constant	1954
Clazbrook, Evelyn Marshall	1958	Horwood, John	1959
Glenn, Graham Gordon (surrendered 1958)	1954	Hosking, Horace Geoffrey	1957
Glover, Geoffrey Edward Harold	1951	Hosking, William Rex (surrendered 1958)	1951
Glynn-Roe, Wilfrid Joseph	1948	Howell, William Ewart	1950
Gobbett, Donald Lyon (surrendered 1962)	1960	Howlett, Eric Douglas	1958
Godwin, Suzanne (surrendered 1962)	1960	Hudson, Nancy MacDonald	1954
Golding, Edmond William (surrendered 1951)	1949	Hughes, John	1953
Gooden, Christabel Anne	1961	Humphrey, Ruth Iris Marie, B.Sc.	1958
Goodman, Geoffrey Thomas	1962	Humphreys, Minnie Rees	1960
Gordon, Bruce Rutherford	1960	Humphries, Arthur Cecil George	1950
Gower, Charlie James (surrendered 1954)	1951	Humphries, Edna Jeanine	1951
Graham, John Robert	1961	Humphries, Ralph (surrendered 1961)	1959
Grave, Rosemary Anne	1956	Humphrys, Walter Raymond	1961
Gray, Ian Howard	1962	Hunwick, Margaret Anne	1959
Grebneff, Antonina	1962	Hussey, Francis Leitch	1950
Green, Ian Edward Charles	1949	Hutchins, Robert John	1961
Griffin, Margaret Elizabeth	1959	Hutson, Walter William	1948
Grigg, Marilyn Jeanette	1961	Hutton, Malcolm Austin	1958
Grigg, Michael Liston	1959	Hynes, Gertrude Doreen	1955
Guern, Robert	1950	Iliffe, Rosa Lorene	1954
Gunn, James Allan Baikie (surrendered 1959)	1957	Jackson, Esther Mary	1952
Gurry, David Cyril	1960	Jackson, Murray Keith Wallace	1960
Hackworth, Anne Elizabeth	1961	Jackson, Peter Alexander	1962
Haese, Kevin Arthur	1955	Jakobsen, Hugo (surrendered 1954)	1952
Hakendorf, Hansie St. Clair	1950	James, Richard Cecil (surrendered 1954)	1949
Hall, Clifford Thomas Robert	1950	Jeffrey, Deidre	1960
Hall, Glenys Christine	1962	Jeffs, Kathleen Ellinor	1948
Hall, Robert Arthur	1962	Jenkin, Leonard Bee	1954
Hallewell, Audrey Joan	1952	Jenkin, Robert Haydon (surrendered 1962)	1953
Hallewell, Heather May	1961	Jenkins, Merle Nona	1950
Halsey, Trevor Geoffrey	1959	Jenner, Meryl Joan	1962
Hammond, William David	1952	Jennings, Raelene Anne	1959
Hanks, Cynthia Rose	1959	Johns, Beryl Fay	1952
Hanley, Heather Mary	1962	Johns, Roger Kenneth	1961
Hanlon, Donald Ernest	1960	Johnston, John Arcus	1959
Hanlon, Maureen Annette	1961	Jones, Helen Margaret	1953
Hannafor, Shirley Hayler	1962	Jones, Pamela Sandra	1961
Hansen, Norman Victor	1951	Joppich, Oscar Edwin	1954
Harper, Brian Youl	1951	Joyce, Pamela Beth	1956
Harrington, Archie	1951	Judd, James (surrendered 1954)	1950
Harrington, Robert Ian	1961	Jury, Gay	1962
Harrip, Elva Ray	1950	Kadow, Constance Evelyn	1960
Harris, Neville Dean	1962	Kahlbaum, Maxwell Robert	1960
Harris, Yvonne Margaret	1962	Kane, Leo William (surrendered 1962)	1958
Harrison, June Jacqueline	1956	Kappler, Stewart Garth	1954
Harrison, Mary Elizabeth	1951	Kealley, Frank Shenstone (surrendered 1951)	1948
Harriss, Henry Thomas	1956	Keane, Brian Bernard	1962
Hart, Arthur Philip Clarendon	1948	Keane, Kenneth John	1951
Hartley, Anne	1959	Kearney, Stanley John	1958
Harvey, Mary Mignon Owen	1955	Kelley, William Brian (surrendered 1951)	1949
Haslam, Robert Alexander	1962	Kelly, Julie Elizabeth	1962

Kennett, Keith Franklin	1962	Mathews, Rae Elizabeth	1961
Kernich, Norman	1962	Matthews, Graham Ramsay	1960
Kesting, Norman Gustav	1951	Matthews, Margaret Joy	1959
Kibena, Aimi-Lethe	1958	Maurice, Kay	1959
Kieselbach, Patricia (surrendered 1961)	1959	Mausolf, Jack	1954
Kimber, William Harold	1948	Mausolf, Wallace	1951
Kirke, Joan Mildred	1962	Mawet, Jacqueline	1961
Kissell, Thomas Alfred (surrendered 1954)	1950	May, John Miners	1962
Kitto, Keith Olifent	1959	Mayer (nee Hentschke), Margaret Ruth	1954
Klose, Edwin Francis, B.Sc.	1961	Meath, William John	1960
Kohler, Bryce Leonard Percival	1955	Medlin, Helen Raelene	1961
Kountoupis, Evagelia	1961	Medson, Albert Reginald	1956
Kraft, Patricia Mary	1959	Michell, David James, B.D. (London)	1960
Krieg, Terrence Brian	1959	Michelmore, Roland Symons	1948
Kroehn, Joan Margaret	1951	Mickan, Wendy Loraine	1961
Kubank, Judith Lesley	1961	Middleton, Gaynor Denise Olive	1959
Laidlaw, Valerie	1956	Millar, Joan Valerie	1961
Lamacraft, Kenneth Ronald Ross (surrendered 1954)	1951	Millway, Russell Henry Oliver	1949
Lamborne, Maxwell Addison (surrendered 1953)	1949	Mincham, Veto Hans	1961
Langford, Peter Angas	1960	Minns, William Alfred	1959
Langsford, Irene Eltham	1949	Mitchell, Nancy Jean	1959
Luslett, Barbara Rose	1952	Moat, Milton Donald	1959
Lawson, Joy Rosemary	1956	Moore, Eric Claude	1953
Leak, Brian Hedley (surrendered 1954)	1952	Morris, Maxwell Arthur	1956
LeCornu, Colin George (surrendered 1954)	1951	Morrison, John Colin	1953
Lee, John Malcolm	1959	Moyle, William George Chittleborough	1961
Leibie, Albert Lawrence	1952	Mudge, Alfred Clarence	1952
Leigh, Kathleen Lavinia Anne	1951	Mortimer, Munro Robertson	1961
Lemke, Mollie Aileen	1958	Mugford, Eric Kenwyn	1959
Lloyd, Douglas Edwin	1962	Mulroney, Leslie Patrick	1950
Lock, Dorothy Marie Jeanne (surrendered 1954)	1950	Mundy, Robert Reginald Peter	1951
Lodge, John Kenneth Hyde (surrendered 1957)	1953	Murchland, Mildred Emily	1949
Longbottom, Maxwell Ernest (surrendered 1962)	1953	Murchland, William Byrne	1957
Love, Robert Stewart	1948	Murphy, Deirdre Mary	1960
Loxton, Valerie Jean	1959	Murray, Beryl Margaret	1957
Lunnay, Aubrey William	1952	Murray, Heather Jean	1953
Lyall, Margaret Mary	1954	Murrie, Elizabeth Leroy	1954
McClaren, James Murray	1959	Murrie, John Douglas	1955
McCracken, Samuel Raymond	1951	Nancarrow, Ethel Rosalie	1961
McDonald, William George Harlowe	1948	Nankivell, Isobel Mabel	1958
McDowall, James	1952	Nankivell, Wesley Robert	1961
McElroy, Anthony Godfrey	1949	Natt, Geoffrey	1950
McElroy, Barrie Ivon	1960	Nelson, Pamela Rosemary	1956
McFarlane, Peter William	1962	Nenke, Eric Eugene	1958
McCargill, Gordon Winstanley, A.U.A. (Phys.Ed.)	1961	Newbold, Beverley Joan	1959
McGill, Ian Keith (surrendered 1956)	1955	Newell, Edward Richard Ireland	1954
McGuire, Anthony (surrendered 1955)	1952	Nicol, Gary John	1962
McKenzie, Hector Malcolm	1948	Nicol, Peter Barry	1961
McKenzie, John Oswald	1962	Nicolai, Judith Elizabeth	1962
McKinnon, Bruce John	1959	Nimon, Michael Hyman	1961
McKinnon, Charles Richard	1951	Ninnes, Alan Herbert, B.Sc.	1961
McKinnon, Kenneth Richard	1952	Nitschke, Erna Gertrude	1954
McLay, Andrew Harold (surrendered 1953)	1950	Noblet, Max Hadden (surrendered 1957)	1952
McLean, Ronald Sinclair Allen	1956	Noon, David Lyon (surrendered 1952)	1948
McLeod, Fiona Ellen	1961	Norman, Jacob	1952
McLeod, Murray Robert Love	1949	Norton, Mary Alice	1949
McMahon, Francis (surrendered 1962)	1960	Nottle, Geoffrey Edward (surrendered 1956)	1953
McNarama, Maurene Rita	1952	Noye, Brian John	1961
McPherson, John Roger	1959	Nunan, Douglas Stephen	1951
McRostie, Keith Henry	1950	Oakley, Hannah Rosalie	1954
MacGillivray, Leith Grant	1951	Oborn, Herbert Russell	1948
Mader, Conrad Wilfred	1952	Obst, Margaret Grace	1960
Magnay, William Ralph	1952	O'Callaghan, Basil Charles	1957
Magor, William Alwyn Roy	1959	O'Callaghan, Gerald Anthony	1954
Maguire, Catherine Rose	1961	O'Connell, Geraldine Mary (surrendered 1962)	1959
Mahar, Alan Dalton	1957	O'Connor, Thomas James (surrendered 1962)	1960
Maloney, Terrence Bernard	1962	O'Donnell, Noelene Claire	1956
Manhood, Cleve Charles (surrendered 1962)	1959	O'Neill, Marguerite (surrendered 1949)	1948
Manser, William Lloyd (surrendered 1962)	1959	Opie, Roderick Preston (surrendered 1959)	1953
Mansfield, Richard Charles	1951	Organ, Alan John	1962
Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954	Ottens, Lois Veronica	1957
Maple, Alexander Montrose	1948	Paasuke, Henno	1958
Marker, Lois Beatrice	1954	Page, Helen Claire	1962
Marsh, Douglas Stanton	1959	Paice, William Osborne (surrendered 1953)	1950
Marsh, Jessamy Joan	1962	Palm, Daphne Alexandra	1960
Marsh, William Clarence	1951	Palmer, Rachel Dawn	1950
Marshall, William Edward	1960	Palmer, Reginald Ernest	1961
Martin, Barbara Rose	1962	Papaelia, Emanuel Leo	1962
Martin, George Stanley	1960	Parish, Vanessa Margaret Scott	1961
Martin, John William	1950	Parke, Roy Frederick Walter	1948
Martin, Lesley Meredith (surrendered 1961)	1960	Parkinson, Peggy	1959
Mason, Neil	1962	Passell, Judith Christina	1958
Masters, Bernard Lincolne (surrendered 1959)	1956	Paterson, Robert George (surrendered 1958)	1952
Masters, John Clive	1949	Patterson, Conrad Brenton (surrendered 1961)	1959
		Patterson, Frank Brenton	1948
		Patterson, Reginald Lindsay	1959
		Patullo, Elizabeth Mary	1962
		Payne, Jean Patricia	1960
		Payne, Jennifer May	1962
		Payne, Mary Ethel	1961

Payne, Rosamund Marie	1957	Scott, Christine Mary Byron-	1960
Peake, Archibald John	1950	Sealey, Jillian Muriel	1961
Pearce, Alfred Moreton (surrendered 1951)	1949	Searle, Vera Katherine	1953
Pearce, Brian Godfrey (surrendered 1962)	1961	Semler, June Lorraine	1960
Pearce, Edwin Lovell	1952	Seward, Catherine Anne	1962
Pearce, Nancy	1952	Sharp, Heather Ellen	1960
Pearce, Trevor Lovell	1961	Sharrad, Gilbert Rex	1961
Pearce, William	1952	Shekleton, Peter Reginald (surrendered 1957)	1951
Pearce, William John	1962	Sheppard, David Roland	1957
Pederson, Martin John	1959	Shinkfield, Anthony James (surrendered 1955)	1957
Penna, Murray Arthur	1959	Shrowder, Elizabeth Christine	1962
Pennicott, Ralph William	1948	Sim, Jennifer Margaret	1962
Penny, Betty Lorraine Mary	1955	Simmonds, Allan Frederick	1958
Penny, Roger Stephen	1961	Simpson, Brenda Mary	1956
Peters (nee Rooney), Kathleen	1948	Sinclair, Alison Mary	1960
Pfitzer, Renate Lottie	1956	Smale, Thomas Charles (surrendered 1950)	1949
Phillips, Ronald Osborn	1950	Smith, Alexander Graham	1962
Pickering, Barbara Jean	1961	Smith, Allen Clyde	1957
Pickering, Eric	1954	Smith, Ashley Mary	1958
Pierson, Robert Arthur (surrendered 1954)	1953	Smith, Charles Bruce Powell	1959
Pinder, Claude Jack	1960	Smith, Constance Ethel	1950
Pitman, David Arthur Alfred	1962	Smith, Cynthia Vivienne	1957
Pitman, Hartley Kenneth	1953	Smith, Donald Powell	1952
Playfair, Noel Angus	1951	Smith, Doris Elizabeth	1951
Plumridge, Sheila Grace	1962	Smith, Graham Frank	1961
Poke, Alison Rae	1953	Smith, Gweneth Ruth	1956
Pole, Audrey Elizabeth (surrendered 1956)	1951	Smith, Ivan Ford (surrendered 1959)	1949
Polglase, David Llewellyn	1959	Smith, John Henry (surrendered 1959)	1950
Polkinghorne, Heather Mary	1949	Smith, Margaret Joan	1954
Porter, Jane Elizabeth	1960	Smith, Maxwell John	1953
Potts, Florence Marlene	1956	Smith, Reginald John Wayne	1950
Pratt, Aubrey Ronald	1952	Smith, Richmal	1957
Prentice, Josephine Ann	1962	Smith, Sylvester	1948
Price, Trafford Conor, B.Sc.	1962	Smythe, Betty Marion Flora	1962
Prima, Inne-Lee	1961	Snigg, Janice Helene	1957
Punke, Gerald Brandon	1962	Spence, Alvena Beverley	1962
Purves, John Laurie	1962	Spence, Colin Everett (surrendered 1958)	1952
Quigley, Brian Maxwell	1960	Stacy, Keith Roy Sheppard	1962
Quigley, Francis James Leo	1950	Staggs, Valerie Marie Allan	1956
Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949	Standen, Judith Anne	1961
Rabone, Judith Anne	1962	Stanley, Marena Jane Harrington	1959
Raison, Max Victor	1956	Stanley, Raymond John	1952
Ramsay-Matthews, Jean	1953	Steinle, John Richard (surrendered 1958)	1952
Read, Clarence Percy (surrendered 1959)	1949	Steinle, Joyce Margaret	1960
Redin, Lewis Charles (surrendered 1956)	1951	Stephens, Judith Clark	1962
Redman, Jessie Adelaide	1951	Stenson, Peter John	1956
Redstone, Frank (surrendered 1957)	1949	Stevens, Lawrence Stanley	1961
Reimann, Wilfred Harold	1960	Stewart, Jill Denise	1959
Reincke, Kevin	1950	Stewart, Peter McKenzie Gibson	1954
Reinell, Rosemary Anne	1953	Stocker, Reginald Henry	1953
Resek, Marietta	1959	Stone, Ronald Alexander	1958
Richards, Martin Clyde	1952	Stone, Victor Oxford	1953
Richardson, Lindley Gay	1962	Storck, Margaret Joyce	1960
Ridgway, Philippa Mary	1959	Stratfold, Denis Leon	1961
Roberts, Marcia Anne	1960	Styles, Colin Ross	1958
Roberts, Owen David	1949	Sylow, Barbara Elizabeth Ruth	1960
Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950	Symonds, Rosalyn Mary	1960
Robins, Robert William	1962	Tabor, Barbara (surrendered 1962)	1950
Rogers, Roma Emma	1951	Taylor, Beatrice May	1948
Rogers, Ruth Nellie (surrendered 1955)	1951	Taylor, Douglas McLeod (surrendered 1951)	1950
Roocke, Mostyn John	1961	Theobald, Howard Wesley	1948
Rosenthal, Murray Cyril	1959	Thomas, Linley	1952
Ross, Lorraine Evelyn	1962	Thomas, Patricia Fay	1958
Routley, Peter Herbert	1955	Thompson, Ann Margaret	1960
Rowe, Rex Norman	1950	Thompson, Eric Albert	1961
Rowell, George Douglas Fairbairn	1949	Thompson, Frank Howard (surrendered 1955)	1951
Rowland, Roma Joy	1954	Thompson, Iris Maude	1952
Rudolph, Gerald Alfred	1951	Thompson, Neil	1961
Rumpff, Sally Anne (surrendered 1962)	1961	Thomson, Eunice Ann	1955
Reudiger, Malcolm Milton (surrendered 1954)	1950	Thomson, June Marie	1956
Russell, Lester David	1960	Tilbrook, Graham David	1958
Ryan, John Leo	1958	Tilbrook, Jeffrey Ian	1962
Sage, Harold Robert (surrendered 1953)	1950	Till, Patricia Dell	1952
Saint, Bryce Wesley	1960	Tindall, Mildred Florence	1950
Sanderson, Dorothea Leonore	1960	Torr, Alison Ruth	1950
Sando, Clarice Melva (surrendered 1955)	1950	Trainer, Denise Margaret	1957
Sando, Rosemary Ann	1961	Trapnell, John Courtenay	1952
Saunders, Alan Caley	1954	Travers, Thomas Edward	1948
Schafer, Ruth	1960	Treagus, Edward Mervyn, A.U.A. (Phys. Ed.)	1962
Schiller, Keith Douglas	1960	Trebilcock, David	1953
Schiller, Marcus Benjamin	1959	Trebilcock, Donald Ray	1960
Schnetz (nee Harrison), Ruth Olive	1950	Tregilgas, Francis Everleigh	1952
Schuller, Ruth Dorcen	1954	Trowse, Helen Hayward	1954
Schultz, Roland Felix	1961	Trudinger, June Stirling	1949
Schultz, Roydon Donald, B.Sc.	1959	Trueman, John Clayton	1962
Schulz, Clifford Rupert	1953	Tscharke, Margaret Helen	1962
Schumacher, Mavis Noreen	1960	Tuck, Robert Clyde	1962
Schuster, Valerie Fay	1960	Tucker, Robert (surrendered 1961)	1956
		Tucker, Walter	1960

Tulloch, David Gerald	- - - - -	1952	Wiese, Ivo Ray	- - - - -	1951
Turner, William Howard Batley	- - - - -	1955	Wieser, Othmar Heinrich Jakob (surrendered)	- - - - -	1959
Twartz, Clement Wilford	- - - - -	1948	1962)	- - - - -	1959
Tyrrell, Barbara Joan	- - - - -	1959	Wiesner, Beverly Ann	- - - - -	1959
Underdown, Reginald Edward, M.Sc.	- - - - -	1959	Wiley, John Arthur	- - - - -	1961
Van Velsen, Carolyn Marie, A.U.A. (Phys. Ed.)	- - - - -	1962	Wiley, Mary Ruth	- - - - -	1959
Vaughan, Matthew Ferdinand	- - - - -	1950	Wilkinson, Stewart Rex (surrendered 1950)	- - - - -	1948
Vautier-Moll, Helen	- - - - -	1962	Wilksch, Lois Ruth	- - - - -	1958
Vogelsang, Arthur Ernst	- - - - -	1950	Williams, Rosemary Claire	- - - - -	1961
Wachtel, Heinrich Lenhart	- - - - -	1948	Williams, Ruth Jacqueline	- - - - -	1949
Walker, Alan Philip (surrendered 1961)	- - - - -	1958	Williams, William Allan	- - - - -	1961
Walker, Marjorie Jean	- - - - -	1960	Williamson, Beth England	- - - - -	1949
Wallace, Francis Joseph	- - - - -	1948	Williamson, Catherine Patricia, A.U.A. (Phys.	- - - - -	1962
Wallbridge, Beryl Elsa	- - - - -	1958	Ed.)	- - - - -	1959
Wallbridge, Leslie Walter	- - - - -	1956	Wilson, Sallie	- - - - -	1948
Walters, Graham Edward	- - - - -	1962	Wilson, Francis Patrick	- - - - -	1950
Walton, Sydney Malcolm	- - - - -	1961	Wilson, Gwendolyn Moore	- - - - -	1959
Ward, Brian John	- - - - -	1958	Wilson, Marlene Janice	- - - - -	1957
Wardle, Allen	- - - - -	1952	Winter, Maxwell Hugh	- - - - -	1961
Warland, Avis Mary	- - - - -	1959	Wissell, Robert Allan	- - - - -	1958
Watkins, Pamela Kathleen	- - - - -	1960	Wohlfarth, Joanna Emily Therese	- - - - -	1951
Watson, Darrelle Ina	- - - - -	1961	Woithe, Francis Arnold	- - - - -	1956
Watson, Ian Morse	- - - - -	1960	Wollaston, Pamela Jill	- - - - -	1951
Waye, Dorene Anne	- - - - -	1959	Wood, Eric William Hadley	- - - - -	1949
Webbe, Robin Phillip Pascoe	- - - - -	1953	Woodards, Eva Norma Cherrington	- - - - -	1951
Webber, Ian James	- - - - -	1952	Woods, Donald Peter	- - - - -	1957
Webber, Muriel Esme Jill (surrendered 1957)	- - - - -	1954	Woods, Rosamond Erica	- - - - -	1962
Wedding, Gordon Mervyn	- - - - -	1962	Wright, David Andrew	- - - - -	1953
Wegener, Charles William	- - - - -	1956	Wright, Florence Maude	- - - - -	1961
Welke, Margaret Rose	- - - - -	1950	Wright, Robert Keith McGregor	- - - - -	1961
Wellington, Douglas Erwin	- - - - -	1959	Wurst, Marlene Betty	- - - - -	1961
Wendelborn, Lawrence Cyril (surrendered 1962)	- - - - -	1958	Wyatt, Patricia Anne	- - - - -	1962
Were, Keith Francis	- - - - -	1948	Wynne, William Robins	- - - - -	1952
West, George Graham	- - - - -	1960	Young, Donald Lindsay	- - - - -	1952
Wheatland, William Stanley	- - - - -	1953	Young, Joan Margaret	- - - - -	1956
White, Emily Alice	- - - - -	1959	Zimmermann, Diana Wendy	- - - - -	1951
Whitmore, Joan	- - - - -		Zoerner, Robert John	- - - - -	1961
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**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.

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.

• Allowed 2nd December, 1926.

### Chapter IV.—Of Professors and Lecturers.

\*1. There shall for the present be the following Professors, that is to say:

- (1) The Hughes Professor of Classics and Comparative Philology and Literature;
- (2) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy;
- (3) The Elder Professor of Pure and Applied Mathematics;
- (4) The Elder Professor of Physics;
- (5) The Elder Professor of Anatomy and Histology, who shall also give instruction in Comparative Anatomy, and shall be the Director of the Anatomical Museum;
- (6) The Angas Professor of Chemistry;
- (7) The Elder Professor of Music;
- (8) The Bonython Professor of Laws;
- (9) The Professor of Biochemistry and General Physiology;
- ‡(10) The Professor of History and Political Science;
- §(11) The Professor of Civil Engineering;
- (12) The Professor of Botany;
- (13) The Marks Professor of Pathology;
- (14) The Professor of Geology and Mineralogy;
- (15) The Jury Professor of English Language and Literature;
- (16) The Professor of Zoology;
- †(17) The Waite Professor of Agronomy;
- (18) The Waite Professor of Agricultural Chemistry;
- (19) The Professor of Human Physiology and Pharmacology;
- (20) The Professor of Economics;
- (21) The Waite Professor of Entomology;
- ‡(22) The Professor of Mining, Metallurgical and Chemical Engineering;
- (23) The Keith Sheridan Professor of Experimental Medicine;
- (24) The Professor of Bacteriology;
- ¶(25) The Professor of French Language and Literature;
- §(26) The Professor of Mechanical Engineering;
- §(27) The Professor of Electrical Engineering;
- ‡(28) The Professor of Economic Geology;
- \*\* (29) The Professor of Mathematical Physics;
- \*\* (30) The Professor of Genetics.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

‡‡4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer 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 Professor or Lecturer during such period shall receive such salary as the Council shall direct.

\* Allowed 8th December, 1938.

† Amended 11th December, 1941.

‡ Amended 8th December, 1949.

§ Allowed 23rd January, 1947.

¶ Allowed 9th December, 1943.

\*\* Allowed 17th January, 1952.

‡‡ Allowed 9th December, 1943.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University: Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University: Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.\*

\* The second clause of Section 8 was allowed 11th June, 1890.

Notes.—(a) The Council, acting under the power conferred on it by Clause 2, has established the following professorships:

- (31) Medicine
- (32) Physical and Inorganic Chemistry
- (33) Organic Chemistry
- (34) Dental Science
- (35) History
- (36) Education
- (37) Architecture
- (38) Commerce
- (39) Geography
- (40) Pure Mathematics
- (41) Applied Mathematics
- (42) Psychology
- (43) Surgery
- (44) Obstetrics and Gynaecology
- (45) Child Health
- (46) Mathematical Statistics
- (47) Mental Health
- (48) German

(b) In establishing separate Chairs in Organic Chemistry and in Physical and Inorganic Chemistry the Council attached the title of Angas Professor to Professor D. O. Jordan, occupant of the Chair of Physical and Inorganic Chemistry.

(c) The Council has changed the title of the Chair of Agronomy to Waite Chair of Agriculture, and of the Chair of Bacteriology to Chair of Microbiology.

(d) In establishing separate Chairs in Applied Mathematics and in Pure Mathematics the Council attached the title of Elder Professor to Professor E. S. Barnes, occupant of the Chair of Pure Mathematics.

(e) Following endowment of the Chair of Economics by the late George Gollin the Council has named the occupant The George Gollin Professor of Economics.

(f) Following the bequest of about £100,000 by the late Mr. and Mrs. S. McGregor Reid, the Council named the Chair of Child Health The McGregor Reid Chair.

(g) In 1962 the Council established Chairs, each personal to the occupant, in International Law, Microbiology and Parasitology.

#### 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. 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.

‡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.

† Amendment awaiting allowance at time of printing.

‡ Allowed 17th December, 1959.

‡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 January, 1952.

† Awaiting allowance at time of printing.

Allowed 10th January, 1946.

NOTE: The additional fee prescribed by the Council under Clause 6 is £1 for each week or part of week that payment is overdue.

#### Chapter IX.—Of Matriculation.

[NOTE: This Statute will come into force from April 1, 1966. Until March 31, 1966, the Statute that follows will be operative.]

##### 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

\* The fee prescribed by the Council is £3/3/-.

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. The Council shall appoint a Matriculation Examination Committee to advise it on the syllabuses for, the conduct of, and similar matters directly related to, the Matriculation Examination, Annual and Supplementary. The Committee shall include in approximately equal numbers members from the University staff and members who are engaged in the teaching or administration of secondary education in South Australia.

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.

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 MATICULATION

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. The fees payable by candidates shall be:

- (a) For an Annual Examination in four or more subjects: Six pounds.
- (b) For an Annual Examination in fewer than four subjects: One pound entrance fee and thirty shillings for each subject.
- (c) For a Supplementary Examination (except under Clause 11 (b) above): One pound entrance fee and forty shillings for each subject.

#### VI. THE MATRICULATION BOARD

13. There shall be a Matriculation Board consisting of the Vice-Chancellor, the Chairman of the Education Committee, and the Deans of the Faculties.

14. The Board shall advise the Council on all applications under this Statute for status, for Provisional Matriculation, and for Adult Matriculation and on such other matters as the Council may refer to it.

#### VII. PROVISIONAL MATRICULATION

15. On the recommendation of the Matriculation Board, and on such conditions as may be determined in each case, a candidate who has attained the age of seventeen years but has not completely fulfilled the educational requirements for matriculation specified in Clauses 7 and 8 hereof may be admitted to provisional matriculation for a specified period. Only in exceptional circumstances may such provisional matriculation be renewed, on the expiration of the specified period, for a further specified period.

16. (a) A candidate admitted to provisional matriculation shall comply with sections (c) and (d) of Clause 2 hereof and shall be deemed during the period of provisional matriculation to be a Matriculated Student of the University; and his fulfilling the conditions 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 limits 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.

Awaiting allowance at time of printing.

## 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. *Music*: The Public Examination in Music prescribed under Clause 6(b) is Grade 7 Theory at the examinations of the Australian Music Examinations Board held in the same calendar year as the Annual Matriculation Examination taken by the candidate.
  3. *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 chose Geography as their *sole* subject from Group B.
  4. *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.

The following Statute will be operative until March 31, 1966:

1. A candidate for the degree of Bachelor shall be matriculated; and he shall not be admitted to the degree until he has been a matriculated student for nine academic terms.

2. To be eligible for matriculation a candidate shall be not less than sixteen years of age, and shall have fulfilled the educational requirements specified below.

\*3. For purpose of matriculation the Leaving Examination shall be the Matriculation Examination, and the subjects available shall be:

*Group A*: English;

*Group B*: (i) Latin, Greek, French, German, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board;

(ii) Ancient History (i.e. *either* Greek and Roman History *or* Early General History), Modern History, Economic History, Economics, Geography, Music;

*Group C*: (i) Mathematics, Part I, Mathematics, Part II;

(ii) Physics, Chemistry, Geology, Botany, Physiology, Agricultural Science;

*Group D*: Arithmetic, Drawing, Book-keeping.

\* Amended 16th March, 1961.

4. (a) To fulfil the educational requirements for matriculation a candidate shall:

- (i) pass in at least five subjects from Groups A, B, C and D, including at least one subject from each of Groups B and C; *provided that* if either Mathematics Part I or Mathematics Part II is counted, Arithmetic cannot be counted;
- (ii) include in his five subjects, at least one subject from section (i) of either Group B or Group C;
- (iii) *either* pass in English as one of the five subjects, *or* satisfy the examiners of his ability to use the language as an instrument of expression.

The qualification in English obtained by a candidate who has satisfied the examiners 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.

\*5. A candidate who has fulfilled the requirements for matriculation shall become a Matriculated Student of the University upon his signing, in the presence of the Registrar or other duly appointed person, 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 full age of sixteen years."

Every matriculated student shall, on signing the Students' Roll, pay such fee as the Council may prescribe.

6. (a) A candidate who has attained the age of sixteen years and who has not completely fulfilled the requirements specified in clause 4 hereof may be admitted to provisional matriculation for such period and on such conditions as may be determined in each case.

(b) Such provisional matriculation may, before the expiry of the period for which it was granted, be renewed for such further period and on such conditions as may be determined in each case.

(c) A candidate admitted to provisional matriculation shall comply with clause 5 hereof, and shall be deemed, during the period of provisional matriculation, to be a matriculated student of the University.

\* (d) A candidate admitted to provisional matriculation who fulfils the conditions imposed within the period specified shall thereupon become a matriculated student as from the date on which he signed the Students' Roll.

\* Amended 17th December, 1959.

\* (e) If a candidate admitted to provisional matriculation fails to comply with the conditions imposed within the period 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-graduating student under Chapter XXIV of the University Statutes.

7. Any other candidate may be admitted to matriculation by the Council on the report of the Matriculation Board.

8. The Board shall consist of the Vice-Chancellor and the Deans of the Faculties. It shall receive applications from candidates (a) who have attained the age of seventeen years and have passed in not fewer than three subjects at the Leaving Certificate Examination at one time; or (b) who present other evidence that they are qualified to enter on a course of study for the degree of Bachelor; or (c) who are over the age of twenty-five years. The Board shall recommend to the Council the conditions, if any, under which such candidates may be admitted to matriculation.

9. 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.

10. If in any academical year the number of matriculated students who apply to begin a course of study in any Faculty is in the opinion of the Faculty 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 in that Faculty in that year.

11. (a) A candidate for a degree other than a Bachelor's degree or a degree *ad eundem gradum*, who is not a graduate of the University, shall be matriculated before he enters upon his course of study.

(b) Notwithstanding anything in this Chapter, such a candidate may be matriculated if he has been accepted as a candidate by the appropriate faculty or the Board of Research Studies.

(c) Such a candidate shall comply with clause 5 hereof.

12. Notwithstanding the provisions set out in clauses 3 and 4 above, until March 31, 1961, a candidate may fulfil the educational requirements for matriculation by complying with the requirements specified in clause 3 of the Chapter hereby superseded.

Allowed 14th February, 1957.

NOTES UNDER CLAUSE 4 (B), WHICH DO NOT FORM PART OF THE STATUTE:

1. *Languages other than English*: At least one course in Greek, Latin, French or German forms part of the requirements of the Ordinary degree of Bachelor of Arts. Except with special permission to be obtained in writing from the Registrar, no candidate proceeding to a degree may take the course in Greek I, Latin I, French I or German I until he has passed in the corresponding subject at the Leaving examination or at an examination accepted by the University as equivalent.
2. *Mathematics*: General Mathematics is a compulsory subject in the Engineering course; further, General Mathematics or Mathe-

\* Amended 17th December, 1959.

matics I will for many candidates be an essential or desirable subject in certain other courses (e.g. Science). Except with special permission to be obtained in writing from the Registrar, no candidate may be admitted to the class in General Mathematics until he has passed *either* in Leaving Mathematics Parts I and II *or* in an examination accepted by the University as equivalent. For admission to the class in Mathematics I, a pass in Leaving Honours Mathematics I and II or in General Mathematics is normally required.

3. *Physics and Chemistry*: Although a pass at Leaving standard is not a pre-requisite for admission to the classes in General Physics and Chemistry I, the syllabuses in these subjects pre-suppose a knowledge of Physics and Chemistry at Leaving standard. For admission to the class in Physics I a pass in Leaving Honours Physics or in General Physics is normally required; otherwise, in special cases the Professor of Physics may grant written permission, which must be attached to the enrolment form.
4. *Music*: Harmony II is a compulsory subject in the first year of the course for the degree of Bachelor of Music, and no candidate will be admitted to the class in that subject until he has *either* passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music *or* satisfied the Dean of the Faculty of Music in a special entrance examination in the theory of music of equivalent standard.
5. *Law*: A pass in Latin at Leaving Standard is pre-requisite for admission to the class in Roman Law which, however, is not a compulsory subject in the course for the degree of Bachelor of Laws.
6. *Building Science*: The syllabus in this subject pre-supposes a knowledge of Chemistry at Leaving standard.

#### Chapter X.—Of the Faculties

1. There shall be Faculties of Arts, Science, Law, Medicine, Music, Engineering, Dentistry, Agricultural Science, Economics, Technology, 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 Law; the Elder Professor of Music; the Director of Education; the Principal of the Adelaide Teachers' College.
  - (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department

shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

#### SCIENCE.

3. The Faculty of Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the 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.

#### 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

† Allowed 16th March, 1961.

\* Allowed 4th October, 1962.

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 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 lecturers in the Departments of Medicine and Surgery; the part-time lecturers in Public Health and Preventive Medicine, and Radiology; the Director-General of Medical Services; the Director of the Institute of Medical and Veterinary Science.

- (b) *Appointed members*: (i) Such other persons, not exceeding three 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.

#### 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 Lecturer in Acoustics; the Dean of the Faculty of Arts; the Lecturer in charge of Music at the Adelaide Teachers' College.
- (b) *Appointed members*: (i) Such teachers of principal subjects in the Elder Conservatorium of Music, not exceeding five in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council may appoint.

#### ENGINEERING.

7. The Faculty of Engineering shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining, Metallurgical and Chemical Engineering,\* and Architecture; the Heads of the Departments of Mathematics, Physics, Physical and Inorganic Chemistry, Geology and Economic Geology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the President and the Director of the South Australian Institute of Technology.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic

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

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 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.

\* Amended 28th July, 1959.

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

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, and the Chairman of the Education Committee of the University of Arts; the Bonython Professor of Law; 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 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.
  - (b) *Appointed members*: (i) Six members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) six 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
- † Amendment awaiting allowance at time of printing.

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.

† Amendment awaiting allowance at time of printing.

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, 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 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

\* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

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<sup>†</sup> guineas, and candidates admitted *ad eundem statum* shall pay a fee of four<sup>†</sup> guineas, 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 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, 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.

<sup>†</sup> Allowed 18th October, 1956.

<sup>°</sup> Amended 22nd January, 1953.

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;
  - (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.

### 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, with an additional allowance of £100 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.

‡ Allowed 23rd January, 1947.

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 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

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

‡ Allowed 30th November, 1933.

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 Leaving 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/-, provided that no entry shall be accepted later than seven days before the first day of the Leaving 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 exhibitioner 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 exhibitioner 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.

\* Allowed 25th August, 1955.

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 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 3rd January, 1935.  
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.

\*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, 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.

**Chapter XVIIb.—Of The Eric Smith Scholarship.**

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University the sum of £150 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 £500 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: Now it is hereby provided as follows:

1. A scholarship, to be called The Eric Smith Scholarship, shall be awarded by the University on the nomination of the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

2. The scholar 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. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.

4. The scholar 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 scholar shall not retain the scholarship 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 scholarship, and the privileges of the then holder shall thereupon be at an end.

7. The University shall pay the fees at the South Australian Institute of Technology for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

#### Chapter XVIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

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 South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

\*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. The bursar 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 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.

This statute may be varied from time to time, but the title of the bursary shall not be changed.

\* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

#### 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 ceremonies 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.
- (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 XXXVI).

\* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

§ Allowed 4th October, 1962.

#### 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 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 XXI.—Of The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given the sum of £400† for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, 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 Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

1. The scholarship shall be called the Dr. Davies Thomas Scholarships, and shall be competed for annually.

\*2. Each scholarship shall be of the value of £10, and shall be awarded to the student in each of the Third and Fifth Examinations of the M.B., B.S. course who shall be placed first in the list of candidates who pass with distinction.

†3. The money shall be paid to the scholars at the next ensuing Commemoration.

4. These Statutes may be varied from time to time.

\* Allowed 20th December, 1956.

† Allowed 26th January, 1898.

‡ Increased in 1934 to £600.

Allowed 15th December, 1896.

### 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, 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 Leaving Honours 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 13th December, 1917.

§ 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.

\* The fee prescribed by the Council is £3/3/-.

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.

Awaiting allowance at time of printing.

#### 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,

‡ Allowed 11th November, 1954.

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.
- (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.

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

† Allowed 16th March, 1961.

§ Allowed 12th August, 1903.

‡ The additional fee prescribed by the Council is £5.

‡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.

(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

‡ Allowed 5th December, 1918.

‡‡ Repealed 16th March, 1961.

\* Allowed 10th December, 1919.

\*\* Allowed 23rd January, 1947.

†† Allowed 28th July, 1959.

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.

††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.

§ Allowed 12th August, 1915.

†† Allowed 28th July, 1959.

†† Allowed 12th August, 1915.

\* Allowed 10th December, 1919.

¶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 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.

°°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.

\* The annual fee prescribed by the Council for membership of the University Union is £13/10/-. The annual general service fee prescribed by the Council is for Science-type courses, £9; for Arts-type courses £6. (Some reduction of these fees may be allowed in the case of part-time students.)

† Allowed 7th December, 1927.

¶ Allowed 18th October, 1956.

§ Allowed 10th January, 1946.

† Allowed 7th December, 1932.

°° Allowed 14th December, 1950; amendment awaiting allowance at time of printing.

(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.

\* Awaiting allowance at time of printing.

Allowed 27th December, 1899.

#### 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 except the Board of Social 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.

(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.

(c) The Board of Studies in Social Studies shall consist of the Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the full-time members of the staff of the Department of Social Studies; the Heads of the Departments of Economics, History, History and Political Science, and Psychology; the Heads of the other departments in control of academic subjects in the curriculum of the Board or their nominees; such other persons not exceeding five as the Council on the recommendation of the Board may appoint; such other persons being members of the academic staff of the University, not exceeding two, whom the Council

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

on the recommendation of the Board may appoint; and such other persons being members of the Council, not exceeding two, as the Council may appoint.

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.

† Amendment allowed 22nd December, 1955.

Allowed 11th December, 1947.

#### **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

\*Allowed 22nd January, 1953.

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.

5. The subject of the lecture shall from time to time be approved by the Council of the University.

6. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said medal, the payment of the said lecturer, and the publication of his lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the professors, lecturers, and examiners engaged or to be engaged in the work of the commercial courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

\* Allowed 22nd January, 1953.

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

\* Allowed 3rd January, 1929.

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 7th December, 1905.

#### Chapter XXX.—Of The Tinline Scholarship.

Whereas George John Robert Murray, a member of the Council of this University, has paid to the University the sum of one thousand pounds for the purpose of founding with the income thereof a scholarship in memory of the family of his mother, to be called The Tinline Scholarship: Now it is hereby provided as follows:

1. The Tinline Scholarship shall be available for award every year.
2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.
3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.
4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.
5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.
6. The scholarship shall not be awarded to the same person more than once.
7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.

8. Each candidate awarded the scholarship shall proceed to the degree of Master of Arts in the School of Political Science and History by submission of a satisfactory thesis on a subject approved by the Faculty of Arts. The candidate must submit the subject of his thesis for approval by the Faculty not later than the first day of April following the award of the scholarship; and he must submit his thesis not later than the last day prescribed for the submission of theses for the degree of Master of Arts in the second year following that of the award, or at such later date as in special circumstances the Council may approve.

9. Each scholarship shall be of the total value of £60, payable in two instalments, each of £30. The first instalment shall be paid not sooner than the end of the sixth month after the date of award, provided that a satisfactory report of progress has been received from the Professor of Political Science and History, or from some other person approved by the Council. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts and the candidate has deposited an approved copy of it in the University library, the second instalment shall be paid and the candidate shall receive the title of Tinline Scholar.

10. A candidate for the scholarship shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if his conduct is not satisfactory, his tenure of the scholarship may be cancelled by the Council at any time.

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

Allowed 5th December, 1940.

#### 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 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 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.

• Allowed 7th December, 1927.

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.

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#### Chapter XXXII.—Infectious Diseases.

1. If any professor, or lecturer, or examination supervisor, suspects or is apprehensive, that any student attending or desiring to attend his classes, or any examinations, is suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others.

2. The Council shall have power to close the University, or any part thereof, for such time as it shall deem desirable, in order to prevent the spread of infectious disease.

Allowed 24th August, 1910.

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#### Chapter XXXIII.—The Lowrie Scholarships.

Whereas an anonymous donor has paid to the University the sum of £500 for the purpose of providing scholarships for post-graduate research in Agriculture; and whereas it is the donor's wish that these should be called the Lowrie Scholarships, in recognition of the valuable services rendered to Agriculture by William Lowrie, formerly Professor of Agriculture at the Roseworthy College, and Director of Agriculture in South Australia; Now it is hereby provided as follows:

1. The University shall give in succession four scholarships, each of £150, and tenable for one year. Each of these shall be called a Lowrie Scholarship.

2. Candidates for a scholarship must have qualified for a degree of the University.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar not later than the 1st day of December, and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

4. The Faculty, may, as an alternative, recommend that the then present holder shall receive another scholarship for the year following,

or may, at its discretion, make no recommendation at all. In the latter case the scholarship shall lapse for a year, and the income for that year be added to the scholarship fund.

5. The holder of a scholarship shall, during his tenure of it, be styled the Lowrie Scholar.

6. The subject of research, which may be suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April following the award. He shall present a report of his work to the Council not later than the 31st day of March following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

8. The sum of £150 shall be paid to the scholar in five sums of £30 each, payable thus: The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the 1st day of January following, the fifth upon the presentation of the results of the research as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship under section 7 hereof. In the cases last named the sum or sums so forfeited shall be dealt with in such manner as the Council may determine.

9. These Statutes may be modified or changed from time to time, but the name and the general object of the scholarships shall not be changed.

Allowed 10th August, 1916.

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#### Chapter XXXIV.—Of The John Bagot Scholarship and Medal for Botany.

Whereas the University has received from Mrs. John Bagot the sum of £500 for the purpose of founding, in memory of her late husband, a scholarship and medal for Botany: It is hereby provided that—

1. A scholarship, to be called The John Bagot Scholarship, shall be awarded each year to the student placed first in an examination in Elementary Botany, provided that the student is adjudged to be of sufficient merit and has fulfilled the requirements for entering on the second-year course in Botany.

2. Should a student decline to accept the scholarship, it may then be awarded to the next in order of merit who has fulfilled the conditions prescribed in Clause 1.

3. The scholar shall continue the study of Botany in the University for the ensuing year, and shall be exempt from payment of fees for that subject, and, if his conduct and work be considered satisfactory by the Council, he may continue for a second year following the award, provided that the total fees for which exemption is granted shall not exceed £20.

4. Should the scholar for any reason be exempt already from payment of his fees for the study of Botany in the University, the John Bagot Scholarship shall be awarded in the form of books, instruments, or money, to the value of £20, at the option of the student, on the completion of a further course in Botany to the satisfaction of the Council.

5. A medal, to be called The John Bagot Medal, shall be offered annually for the best original work in Botany. A candidate may be required to pass an examination in the subject-matter of his thesis.

6. Any undergraduate in the Faculty of Science, or any graduate in Science in this University of not more than three years' standing, shall be eligible to compete for the medal; but the medal shall not be awarded to the same person more than once.

7. The thesis shall be forwarded to the Registrar not later than the first day of November in each year.

8. No medal shall be awarded unless, in the opinion of the Council, there is a candidate of sufficient merit.

\*9. Each candidate to whom the medal has been awarded shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

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

• Allowed 30th November, 1933.

Allowed 17th December, 1931.

#### 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, 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 Australian-born 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.

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

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 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.

†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;

† Allowed 22nd January, 1953

\*Allowed 3rd January, 1929.

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. No student shall hold one of the said scholarships concurrently with any other scholarship tenable at the University.

8. 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 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.

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

†† Allowed 25th August, 1955.

† Allowed 18th October, 1956.

† Allowed 16th December, 1948.

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

\*6. Payment of the prize shall be made in three equal instalments in each year, one at the beginning of each term.

\*7. Every holder of a prize may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course, he shall be required to pass an examination in his principal subject at the end of each year of his course. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. A prize shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

††8. Repealed.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the prize shall be offered for competition at the end of the academic year.

10. These Statutes may be varied from time to time, but the title and general purpose of the prize shall not be changed.

\*\* Allowed 10th December, 1925.

† Allowed 16th December, 1948.

†† Repealed 25th August, 1955.

• Amended 15th January, 1959.

Allowed 13th December, 1917.

#### Chapter XXXVIII.—Of The Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, it is hereby provided that:

1. The prize shall be called The Lister Prize.

2. It shall consist, until otherwise determined, of a bronze medal and the sum of £3 10s.

\*3. The prize shall be available for award annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the fifth 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.

• Allowed 17th January, 1952.

†4. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall hold the examination at the end of the first clinical term. The marks awarded shall be taken into consideration in determining whether an undergraduate is entitled to a certificate signed by his honorary officers.

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

6. These Statutes may be varied by the Council from time to time, but the title and general purpose of the prize shall not be altered.

† Amended 9th January, 1958.

Allowed 30th November, 1933.

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### Chapter XXXIX.—Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.

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 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.

**B. The John L. Young Scholarship for Research.**

13. The said sum of £700\*, and any additions thereto that may hereafter be made, shall be invested, and shall be called The John L. Young Fund for Research.

14. A scholarship is hereby established, to be called The John L. Young Scholarship for Research.

15. The scholarship shall be awarded for research work in any branch of knowledge, but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

16. Candidates must be graduates or present or past students of the University. There shall be no age limit.

17. Applications for the scholarship must be lodged with the Registrar not later than the 1st November of each year or such other date as the Council may appoint. Each candidate must specify the particular research work he proposes to undertake.

18. The Council may arrange a rotation of Faculties in which the scholarship will be awarded, but may disregard such rotation in favour of a candidate of outstanding merit.

19. The Faculties shall recommend the candidate in their respective departments whom they deem most worthy of the scholarship, and the final selection shall be made by the Council.

20. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.

21. The Council may from time to time make grants out of the income of the fund to assist members or students of the University engaged in research work; but such grants shall not confer upon the recipients the right to be styled John L. Young Scholars.

22. Subject to any such grants, the whole income of the fund for the year preceding the award shall be paid to the scholar in two instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of his Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

23. The scholarship may be held in conjunction with any other scholarship or prize at the University, and may be awarded more than once to the same candidate.

24. If the scholarship be not awarded in any year, the income which would be otherwise payable to the scholar shall, in the discretion of the Council, subject to the power of making grants from it for research work, be added either to the corpus of the fund or to the income available when the scholarship is next awarded, or partly to corpus and partly to income.

25. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

\* This endowment was increased in 1921 to £1,000.  
Allowed 10th December, 1915.

**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., 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 and shall undergo such examination as the Council may direct.

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

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

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

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

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

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

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

‡6A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

\*7. Payment of the annual value of a scholarship shall be made in three equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

9. These Statutes may be varied from time to time, but the title and general purpose of the scholarships shall not be changed.

† Allowed 10th December, 1925.

‡ Allowed 16th December, 1948.

• Amended 15th January, 1959.

•• Allowed 30th November, 1933.

‡‡ Allowed 25th August, 1955.

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 XLIII.—Of the Ernest Ayers Scholarships in Botany or Forestry.**

\*Whereas the late Ellen Milne Bunday, Mus. Bac., has bequeathed the sum of £1,236 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:

†1. There shall be offered every alternate year a scholarship of the value of £120, to be called The Ernest Ayers Scholarship.

2. Every candidate for a scholarship must be a graduate of or have qualified for a degree in the University, and must have completed a full course in Botany or Forestry as a subject for his degree.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar on or before the 1st day of December (or such later date as the Council may allow), and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

\*4. Should no candidate be adjudged of sufficient merit, the scholarship shall for that year lapse, but shall be available in the month of December next ensuing.

†5. The holder of a scholarship shall, during his tenure of it, be styled the Ernest Ayers Scholar in Botany (or in Forestry, as the case may be).

6. The subject of research suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April

\* Allowed 6th December, 1922.

† Allowed 10th December, 1925.

following the award. He shall present a report of his work to the Council not later than the 30th November following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

‡ Either the original or an approved copy of each thesis or report approved in connection with this scholarship shall be deposited by the candidate in the University library before payment of the final instalment of the scholarship is made.

†8. The sum of £120 shall be paid to the scholar in four sums of £30 each, payable thus:—The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the presentation of the result of the research work as provided by clause 6, provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship, under section 7 hereof.

\*9. These Statutes may be modified or changed from time to time, but the name and objects of the scholarships shall not be changed.

‡ Allowed 30th November, 1933.

† Allowed 10th December, 1925.

\* Allowed 6th December, 1922.

Allowed 10th December, 1919.

#### 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 £22, and shall be awarded to the candidate who secures at the Leaving Examination the highest aggregate of marks in six 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, 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.

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#### Chapter LIII.—Of The Rennie Scholarship for Research in Chemistry.

Whereas the sum of £320 has been handed to the University by subscribers for the purpose of founding a research scholarship to perpetuate the memory of the late Edward Henry Rennie, Professor of Chemistry in the University during the period 1884-1927, it is hereby provided that:

1. The said sum of £320, and any additions thereto that may hereafter be made, shall be invested and shall be called The Rennie Research Fund. With the income thereof a scholarship shall be established and called The Rennie Scholarship for Research in Chemistry.

2. The scholarship shall be awarded by the Council, on the recommendation of the Faculty of Science, for the purpose of assisting the scholar to undertake research work in Chemistry; but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

3. Candidates must be graduates or past or present students of the University. There shall be no age limit.

4. The scholarship shall be of the value of £50, and shall be offered first in November, 1933, and thereafter triennially, or as often as the income from the fund shall amount to £50.

5. If no suitable candidate presents himself for the scholarship in any year in which it is declared vacant, it shall not be offered again for twelve months; and the income during such period shall be added to the capital of the fund and invested for the purpose of the scholarship.

6. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of the year in which an award is to be made. Each candidate must specify, for the approval of the Faculty, the particular research work he proposes to undertake.

7. Payment shall be made to the scholar in two equal instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of the Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

8. The scholarship may be held in conjunction with any scholarship or prize at the University; and the work during the tenure of the scholarship shall be carried out in the laboratories of the University.

9. These Statutes may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 10th December 1930.

#### 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 to be called The Fred Johns Scholarship for Biography.

2. The Council shall establish a fund and contribute the sum of £60 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, 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

° Allowed 22nd January, 1953.

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.

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#### Chapter LVI.—Of The Archibald Watson Prize.

Whereas the sum of £170 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, it is hereby provided as follows:

1. There shall be an annual prize to 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 six guineas.

\*3. The prize shall be available for award annually to the candidate who shows the greatest merit in Surgical Anatomy at the November examination in the Science and Art of Surgery in the sixth year of the medical course and at such additional examination, if any, in surgical anatomy as the examiners may from time to time require.

4. If the examiners shall not consider any candidate worthy of the award, the prize shall lapse for that year.

5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine.

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

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

\* Allowed 17th January, 1952.

Allowed 10th December, 1936.

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#### Chapter LVII.—Of the Affiliation of the South Australian Institute of Technology.

The University and the South Australian Institute of Technology having agreed to the establishment of a Faculty of Technology 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 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.

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**Chapter LVIII.—Of The T. G. Wilson Travelling Scholarship in  
Obstetrics.**

Whereas the sum of £2,500 has been paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship: It is hereby provided as follows:

1. There shall be a scholarship to be called The T. G. Wilson Travelling Scholarship in Obstetrics.
2. The scholarship shall be tenable for one year, shall be of the value of £250, 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, or (at the option of the prizeman) of books to be selected by him of that value.

†3. One of such prizes may be awarded to any candidate for the degree of Bachelor of Laws who at any November examination is placed highest and passes with Distinction in one of the subjects prescribed for the Final Certificate in Law, and whose paper in the opinion of the Board of Examiners is of exceptional merit.

4. Not more than two such prizes may be awarded in any one year.

5. No candidate shall be awarded more than one such prize in any one year.

6. A candidate who is awarded three such prizes shall receive a bronze medal and shall be styled R. W. Bennett Scholar.

† Amendment allowed 22nd December, 1955.

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.

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<sup>°°</sup> for the purpose of founding with the income thereof a prize in memory of his wife, to be called The Anna Florence Booth Prize, it is hereby provided as follows:

1. There shall be a prize entitled The Anna Florence Booth Prize which shall be offered annually.

†2. The Council shall award the prize on the recommendation of the Head of the Department of Psychology.

°3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included a third-year course in Psychology in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

†4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Head of the Department of Psychology in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

†5. The prize shall be of the value of £16 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.

#### 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, 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, derived in that year from the capital sum and shall be paid to the scholar in one sum.

6. The prize shall be awarded to the eligible student who (a) has obtained at the final examination marks in Surgery at least equal to the minimum standard required for a pass with credit in the whole examination, and (b) has obtained the highest aggregate marks in the remaining subjects of the examination.

7. If in any year either the scholarship or the prize or both be not awarded the amount of the award or awards for that year shall be added to the capital of the fund and invested for the purpose of the bequest.

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

Allowed 25th August, 1955.

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#### Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

#### THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

#### THE SHORNEY PRIZE.

\*3. A postgraduate prize, to be called The Shorney Prize, of the value of £100, shall be awarded to the candidate who in the opinion of the examiners has made the most substantial contribution to knowledge in the subjects of Ophthalmology or of Diseases of the Ear, Nose and Throat. The prize shall be offered alternately for work in Ophthalmology and in Diseases of the Ear, Nose and Throat.

4. The recipient must be a graduate of an Australian University.

†5. The material submitted for the prize may be either a thesis or published work in medical or scientific literature, provided that it shall not have been submitted for examination for a degree, or published, more than five years prior to the closing date of entries for the prize.

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. † Amended 28th July, 1959.  
Allowed 10th December, 1942.

#### Chapter LXV.—Of The James Barrans Scholarship.

Whereas the late Sarah Barrans has bequeathed to the University the sum of £3,000 for the purpose of founding a scholarship in geological or metallurgical science in memory of her brother, the late James Barrans, it is hereby provided as follows:

1. There shall be a scholarship to be called The James Barrans Scholarship, which shall be offered for competition annually.

2. The scholarship shall be awarded by the Council on the recommendation of the Faculties of Science and of Engineering.

3. The value of each scholarship shall be £90.

4. A candidate for the scholarship shall either (a) be a graduate of not more than three years' standing, or be qualified to graduate, in Science with Geology as a principal subject of his course, or (b) be a graduate of not more than three years' standing, or have passed all the examinations necessary for graduating, in Engineering, in the Department of Metallurgy.

5. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of each year, or such other date as in special circumstances the Council may fix. Each candidate must give particulars of his undergraduate record and specify the advanced study or the research work that he proposes to undertake.

6. Preference in the selection of the scholar will be given in alternate years to candidates in Science and Engineering respectively; but if in any year there be no candidate of sufficient merit from the group to which preference is to be given in that year, the scholarship may be awarded to a candidate of sufficient merit from the other group.

7. Subject to the provisions of Clause 8 the scholar shall, at the beginning of the next academic year following the award, enter upon such further study and research in geological or metallurgical science as may be approved by the Council, and on completion of such work shall present a report on his studies or a thesis embodying the results of his investigations, or both.

8. For a reason satisfactory to the Council a scholar may be permitted to postpone entering upon his further study or research for a period to be specified in each case.

9. Payment of the scholarship shall be made in three equal instalments as follows: one at the beginning of the academic term in which the scholar begins his work; the second on receipt of a report of the scholar's satisfactory progress in his studies or research, but not earlier than four months after the date of payment of the first instalment; and the third when the scholar has submitted a satisfactory report as required under Clause 7.

10. The scholarship shall not be awarded to the same person more than once.

11. If, in the opinion of the Faculties of Science and of Engineering, no candidate is of sufficient merit, the scholarship for that year shall lapse, and an additional scholarship may be awarded in a subsequent year in which there are two or more candidates of sufficient merit.

12. This statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

Allowed 9th August, 1945.

#### 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, 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 (£15) 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.

### 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 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† 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 16th December, 1948.

‡ Allowed 18th October, 1956.

‡ Allowed 11th December, 1947.

### Chapter LXX.—Of The Varley Scholarship.

Whereas John Varley has paid to the University the sum of £1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be a scholarship to be known as The Varley Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 8, the scholarship shall be awarded to a player of the Viola.

\*3. The annual value of the scholarship shall be £33/12/0 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† 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.

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 10s. 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† and shall undergo such examination as the Council may direct.

\*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be

\* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

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 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.

#### **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 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†, 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.

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 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‡, 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.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

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

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

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

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

Allowed 8th December, 1949.

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#### Chapter LXXVI.—Of the Gavin David Young Lectures in Philosophy.

Whereas the late Jessie Frances Raven has bequeathed to the University the sum of £2,450 for the purpose of establishing a fund in memory of her father, the late Gavin David Young, for the promotion, advancement, teaching and diffusion of the study of Philosophy, it is hereby provided as follows:

1. Series of lectures in Philosophy to be known as The Gavin David Young Lectures, shall be given from time to time in the University of Adelaide in accordance with the provisions of this Statute.

2. Normally, a series of the lectures shall be given every fourth year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecturer, who shall be appointed from time to time by the Council, may be selected from any country in the world; but the lectures shall be given, and subsequently printed, in the English language.

4. The annual income arising from the fund shall accumulate during the intervals between each series of lectures. The income thus 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.

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 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 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.\*

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.

year, after which it shall be offered again. If no award be made, the Council shall have power to award an exhibition for one year without examination, to a Singing student of the Conservatorium who shall have been recommended by the Faculty of Music.

9. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if the holder of it is adjudged by the Council to have been guilty of misconduct.

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

11. The scholarship shall be offered for competition towards the end of the year in which its tenure expires by effluxion of time, or is determined by resignation or forfeiture, or at the beginning of the following year.

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

Allowed 22nd January, 1953.

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#### Chapter LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Sir Tom Elder Barr Smith has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire:

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship. During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.

4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.

5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 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.

**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 £A600; 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 Scholarship for Cancer Research.**

The following new Statute is hereby made:

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:

Now it is hereby provided as follows:

1. The Fund shall be called The Lady Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in the causes, prevention, and treatment and relief of cancer by the maintenance of a scholarship called The Lady Barr Smith Scholarship for Cancer Research.
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 purpose 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 or of awarding two or more scholarships concurrently in such manner as the Council in its discretion shall deem fit.
4. The Scholarship shall be tenable at such place or places as the Scholar shall select and the Electors approve, including any university or research institution wherever situated.
5. The Scholar shall pursue a course of study or research approved by the Electors.
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 Medicine.
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 Electors think fit.
8. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 30 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, and provided also that the Electors may, if they should see fit, waive the age limit of 30 years.
9. 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.
10. The emolument of the Scholar shall be £750 per annum or such sum as the Electors shall decide payable in quarterly instalments in advance.

11. This Statute may be varied from time to time, provided that any such variations shall not alter the general object of the Fund as set out in Clause 2 above.

Awaiting allowance at time of printing.

## 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 twenty-third day before the day of meeting.

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

\* 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.

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.

\* Amended by the Senate, 22nd November, 1961.

## 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 nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

63. Any person nominated as a candidate for any office may by letter request the Clerk to cancel his nomination, and the receipt 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.

\* Passed by the Senate, 28th March, 1894.

† Passed by the Senate, 26th July, 1922.

## 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.

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice-paper shall not be recorded in the Minutes, nor shall the answers thereto.

#### F. Committee of the Whole Senate.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

#### V. SELECT COMMITTEES.

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

## VI. STANDING COMMITTEE OF SENATE.

88. There shall be a Standing Committee of the Senate consisting of the Warden of the Senate, *ex officio*, and twelve members of the Senate elected by the Senate.

89. It shall be the function of the Standing Committee to consider any legislation to be put before the Senate.

90. The Standing Committee shall, at each meeting of the Senate at which business from the Council is before the Senate for its approval, report to the Senate upon such business.

91. The office of a member of the Standing Committee shall become vacant if he:

- (i) dies;
- (ii) declines to act;
- (iii) resigns his office by writing under his hand addressed to the Warden;
- (iv) ceases to reside in South Australia;
- (v) is absent without leave granted by the Standing Committee from three successive meetings of the Committee.

Any vacancy so occurring shall be a casual vacancy and the Standing Committee may elect a member of the Senate to fill such casual vacancy.

92. Meetings of the Standing Committee shall be called by the Warden at least once in every term and at such other times as he shall determine.

93. Six members present shall constitute a quorum of the Standing Committee and the Committee may function notwithstanding a vacancy in its membership so long as a quorum remains.

94. The Warden shall be Chairman of the Standing Committee and shall preside at every meeting of the Committee at which he is present. In the absence of the Warden the members of the Committee present at the meeting shall elect from among themselves a Chairman to preside at the meeting.

95. The Standing Committee shall regulate its own procedure at its meetings.

96. The election of members of the Standing Committee shall be held by the Senate annually at the ordinary meeting of the Senate in November, and subject to Standing Orders 97 to 103, in the same manner as members of the Council are elected.

97. The four members of the Standing Committee who have been longest in office and any member elected by the Standing Committee to a casual vacancy shall retire at the ordinary meeting of the Senate in November but shall be eligible for re-election. If more than four members shall have been in office for the same period the order of their retirement shall be decided by ballot.

98. Any member of the Senate to whom Notice of meetings of the Senate is required by Standing Order 17 to be sent, may, after the date fixed for the receipt of nominations, apply to the Clerk of the Senate for a postal ballot-paper.

99. The Clerk of the Senate shall issue a postal ballot-paper to every member of the Senate who applies therefor in accordance with Standing Order 98, and shall keep a record in the roll of the Senate of the persons to whom such postal ballot-papers have been issued.

100. No vote by means of a postal ballot-paper shall be counted unless:

- (a) it is received at the University before five o'clock in the afternoon of the day preceding the day appointed for the meeting of the Senate;
- (b) the ballot-paper when received at the University is enclosed in an envelope addressed to the Clerk and bearing the voter's name and address.

101. When ballot-papers have been distributed at the meeting, the Warden shall enquire whether any member present has already voted by a postal ballot-paper.

102. If any member of the Senate who has voted by a postal ballot-paper also attends the meeting of the Senate, his postal vote shall not be counted.

103. Scrutineers to count the votes shall be appointed by the Warden from the members of the Senate whether present at the meeting or not and the Clerk of the Senate shall declare the result of the election upon the report of the scrutineers at any time not later than the first Wednesday after the meeting of the Senate.

Passed by the Senate, 22nd November, 1961.

## VII. SUSPENSION OF STANDING ORDERS

104. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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These Standing Orders were originally adopted by the Senate on December 2, 1885. They have been amended as shown in the footnotes since then; and Section VI was adopted by the Senate on November 22, 1961.

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1963

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## THE ELDER CONSERVATORIUM OF MUSIC

### REGULATIONS

Whereas the University was enabled by an endowment of £20,000 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 Diploma of Associate in Music of the University of Adelaide in such branches of music as the Council may from time to time approve.

2. The Conservatorium shall also provide for the teaching and study of various branches of music as individual subject studies. The range of studies to be so provided shall be approved from time to time by the Council, and the studies shall be classified as follows: Principal Subjects, Secondary Subjects, Classes. Students may take principal subjects without proceeding to the diploma; and subject to the approval of the Director they may take secondary subjects or attend classes without taking a principal subject.

3. The teaching staff of the Conservatorium shall comprise a Director and such other professors, lecturers, and teachers as the Council shall from time to time appoint.

4. The Conservatorium year shall extend from February until December and shall include thirty-six teaching weeks. It shall be divided into three terms, the dates for beginning and ending terms and vacations being determined annually by the Council.

5. An intending student shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee and sign the Elder Conservatorium students' roll.

6. Except in special circumstances approved by the Director, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering after the first term in any year has begun shall undertake to complete three full and consecutive terms of study. The student, or if he be under the age of twenty-one years his parent or guardian, shall give an undertaking to pay the fees for a year.

7. Each student of a principal subject shall (a) pay an annual general service fee to be prescribed annually by the Council; and (b) attend regularly such series of lecture recitals and concerts in the Conservatorium as may be prescribed by the Director; provided that (i) a student concurrently enrolled for the degree of Bachelor of Music or the Diploma of Associate in Music shall be exempted from payment of the annual general service fee; and (ii) in exceptional cases and for extraordinary reasons a student may, upon written application to the Director, be exempted from attendance at such lecture recitals and concerts.

8. (a) The tuition fee for a principal subject, with such ancillary work as may be approved by the Director, shall be arranged with the Director in accordance with a scale of fees approved by the Council.

(b) The fees for secondary subjects and for classes shall be prescribed from time to time by the Council.

(c) The entrance fee and the general service fee shall be paid in one sum at the time of enrolment. The tuition fee for the year's work shall be paid *either* in one sum not later than the seventh day after the first day of the first term of the Conservatorium year *or* in three equal instalments each not later than the seventh day after the first day of the relevant term. Except in cases approved in advance by the Registrar of the University later payment will involve also payment of a late fee of £1/1/- on each occasion.

9. At the end of the year a student of a principal subject may, upon application in writing, receive a report on progress from the Director.

10. (a) Scholarships may be established from time to time by the Council, or by private individuals on such conditions as the Council may approve.

(b) Except with the express permission of the Director, the holder of any scholarship tenable within the Conservatorium shall not be a member of any other musical association, nor shall he accept any musical engagement outside the Conservatorium.

11. The Council may from time to time make rules relating to studies in the Conservatorium, and all students shall conform to such rules.

Allowed 16th March, 1961.

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## SCHEDULE OF INDIVIDUAL SUBJECT STUDIES APPROVED BY THE COUNCIL UNDER REGULATION 2

### PRINCIPAL SUBJECTS

(which may also be studied as Secondary Subjects)

*Practical:* Pianoforte; Violin; Viola, Violoncello; Flute; Oboe; Clarinet; Bassoon; French Horn; Double Bass; Trumpet; Trombone; Harp; Percussion; Singing; Organ; Speech and Drama.

*Theoretical:* Harmony; Counterpoint; Composition; Theory of Music.

## CLASS SUBJECTS

Harmony; Counterpoint; General Musical Knowledge; Theory of Music; History and Literature of Music; Musical Criticism and Aesthetics; Musical Form and Analysis; Aural Training; Ensemble and Orchestral Playing; Accompanying; Choral Singing; Speech and Drama; Orchestration; German, French and Italian Languages; Opera; Principles of Class Music Teaching; Scope of School Music; Class Teaching of Practical Subjects.

## SCHEDULE OF FEES PRESCRIBED OR APPROVED BY THE COUNCIL

1. The entrance fee referred to in Regulation 5 shall be £1/1/-.
2. Except in subjects (if any) approved by the Council, the fee for a Principal Subject shall be not less than £37/16/- a year, or £12/12/- a term, for a weekly 30-minute lesson.
3. The fee for a Secondary Subject shall be not less than £18/18/- a year or £6/6/- a term, for a weekly 20-minute lesson.
4. The fee for each Class Subject shall be not less than £5/5/- a year.
5. The General Service Fee shall be £1/10/- a year.
6. The fee for a principal subject includes attendance at such classes as the Director may require or approve.
7. For the fees payable for the diploma courses, see the schedule made under the regulations governing the diploma.

## 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 £1 1s.‡ 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 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.

\* Allowed 2nd December, 1926

† Allowed 10th December, 1925

‡ Allowed 30th November, 1933.

§ Allowed 18th October, 1956.

‡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.

For 1960—

Adamek, Vladimir (Pianoforte).

Smith, Ivan J. (Violin).

Tobin, Ashleigh H. (Organ).

Finnis, Catherine M. (Violoncello). (One-year Exhibition.)

For 1961—

Dawe, Robert A. L. (Singing).

Fraser, Raymond W. (Violoncello).

For 1962—

Kazimierczak, Cecylia (Pianoforte).

Kazimierczak, Bogdan (Violin).

Mackay, Heather Margaret (Organ).

### ELDER CONSERVATORIUM FREE SCHOLARSHIP

#### RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

### THE ALEXANDER CLARK MEMORIAL PRIZE

This prize was founded in 1917 by the Public Schools Decoration and Floral Societies in memory of Alexander Clark. It is of the annual value of £12 10s., 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 1955—

Taverner, Margaret (Pianoforte).

For 1958—

Kneebone, Barbara Frances (Singing).

For 1959—

Hutchesson, Margaret J. (Pianoforte).

For 1960—

Brewster, Christine J. (Singing).

### 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 1958—

Grange, Marilyn Lyle (Violin).

For 1960—

Lasscock, Janet (Singing).

For 1961—

Johnson, Julie F. L. (Violin).

For 1962—

Taylor, Diana Fay (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 1956—

Best, Michael Robert (Oboe).

For 1958—

Hodge, Warren David Payne (Singing).

For 1960—

Radford, Geoffrey P. (Bassoon).

For 1961—

Noble, John M. (Trumpet).

For 1962—

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

### 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.

1959—Annear, Gwenyth.

1961—Macpherson, Margaret

1960—Hearne, Janice.

1962—Dawe, Robert Arthur

### 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 £1,000.

For conditions, see Statutes, Chapter LXX.

#### Awards.

For previous awards, see Calendars from 1958.

For 1960—

McLeod, Rosslyn

For 1963—

Thomson, Damien Balfour  
(One-year Exhibition)

For 1961—

Kazimierczak, Bogdan  
(One-year Exhibition)

Larsens, Gunars  
(One-year Exhibition)

For 1962—

Gare, Brian L.  
(One-year Exhibition)

### 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 1950—

Loughhead, D. C.

For 1961—

Rozelaar, Amanda M.

(One-year Exhibition)

For 1962—

Wickes, Lewis C.

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

#### Awards.

For 1953—

Warnecke, Mary.

For 1955—

McDonald, Harry Roy.

For 1957—Robjohns, Gwenyth.

For 1960—

Rozelaar, Amanda M.

(One-year Exhibition)

For 1961—

Finnis, Catherine M.

### THE ROBERT WHINHAM PRIZE FOR ELOCUTION

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. 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 £5, 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.

1957—Brown, Patricia Lorraine.    1960 — Osborn, Thomas R.  
 1958—Graham, Meredith M.        1961 — Christie, Ann W.  
 1959—Annear, Gwenyth.            1962 — No award.

### 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 1962.

For 1948—	For 1957—
Whitford, Pauline M. C.	Levy, Juliette I. H.
For 1951—	For 1960—
Perry, John W. J.	Simpson, Anne.
For 1954—	For 1963—
Lawton, John W. M.	Larsens, Mairita.

### 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 1962.

For 1958—	For 1960—
von Einem, Lyal Bernard (One-year Exhibition)	Smith, David A.
For 1959—	For 1963—
Krieg, Lesley R. (One-year Exhibition)	Lakin, Angela Mary (One-year Exhibition)

### FLORENCE COOKE VIOLIN PRIZE

On its dissolution in 1960 the Elder Conservatorium Old Scholars' Association paid the sum of £100 to the University for the maintenance of the prize, which had until then been administered by the Association.

The value of the prize is £4/10/-. 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)

## THE DR. RUBY DAVY PRIZE FOR COMPOSITION

### RULES

Whereas the late Dr. Ruby Davy has bequeathed to the University the sum of £300 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 £10, 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.

	Award.	
For 1960—		For 1961 — No award.
Cann, Melvyn R.		For 1962 — No award.

## THE GULI MAGAREY FUND AND SCHOLARSHIP

### RULES

Whereas the late Gulielma Magarey has bequeathed to the University two sums each of £500, 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 £500 shall be set aside, known as the Guli Magarey Fund, and invested; and the sum of £16 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 £16 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 £16, 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 £1 Is. 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 1960—

Woore, Christine H.

For 1961—

Birmingham, Jennifer A.

For 1962—

Gurner, Ruth E.

For 1963—

Hodge, Geraldine Janice.

#### 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 1958.

For 1956—

Hearne, Janice Lesley.

For 1959—

Annear, Gwenyth.

For 1962—

Birmingham, Jennifer A.

## 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 £1 1s. 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 since 1941.

## For 1961—

Greenlees, Alan W. (Oboe).  
Neil, Maximillian A. (Bassoon).  
Rowe, Deirdre M. (Clarinet).  
Staples, Brenton R. (Flute).

## For 1962—

Butcher, Rosalie A. (French Horn).  
Carter, Stephen R. (Flute).  
Hackett-Jones, Geoffrey A. (Oboe).  
Rowe, Deirdre M. (Clarinet).  
Stephens, Owen A. (Bassoon).

## For 1963—

Butcher, Rosalie Anne (French Horn).  
Carter, Stephen R. (Flute).  
Hackett-Jones, Geoffrey A. (Oboe).  
Lakin, Angela Mary (Clarinet).

## ELDER OVERSEAS SCHOLARSHIP

This scholarship, which is open for competition amongst all native-born South Australians, was established by a bequest of £3,000 by Sir Thomas Elder to the Royal College of Music, London. This 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 £100 a year, from which the scholar must pay his fees, the remainder being available for maintenance. The income from the Guli Magarey Fund is used to supplement the living allowance of the scholar.

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 1958.

1951—Fearn, Peggy.	1957—Stubbs, Ruth M.
1954—Schramm, Kathryn.	1961—Hearne, Janice L.

## THE MAUDE PUDDY SCHOLARSHIP

### RULES

Whereas the sum of £500 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.
2. The annual value of the Scholarship shall be £15/15/-, 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 £1 1s., 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 1955—Lindh, Carlene.

For 1961—Madge, Geoffrey D.

For 1958—Chappell, Glenys M.

## THE ATHOL LYKKE AWARD FOR POSTGRADUATE STUDIES IN MUSIC

### RULES.

Whereas the sum of £1,860, 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 £A300; 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 £1 1s.

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.

Award.

1959—Gunning, Shelley S.

### THE LIENAU SCHOLARSHIP RULES.

Whereas Christian Hans Augustus Lienau has bequeathed to the University the sum of £500 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 £40, 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 one guinea 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 £20 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 £40.

#### Awards.

1960—Edwards, Warren B.      1962—Dawe, Robert A. L.  
(Exhibition)

## THE CLEMENT Q. WILLIAMS PRIZE

### RULES

Whereas the sum of £500 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 £15 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 £1 ls. 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 1959—Hearne, Janice.  
For 1960—Andrew, Helen.

For 1961—Hunter, Norma.  
For 1962—Hodge, Geraldine 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 £45 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 1961—Hearne, Janice.

For 1962—Macpherson, Margaret.

## 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 £58,450.

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 estate have been added 100 acres by purchase, while by agreement with the Department of Education of South Australia the Institute uses some 70 acres belonging to Urrbrae Agricultural High School for experimental purposes.

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, two field laboratories, a workshop, small animal house and insectary have been erected since 1925.

Apart from its original and subsequent endowments the Waite Institute derives the great part of its income through grants from the Government of South Australia. However, grants for research from several agricultural industries have increased markedly in recent years and are of major assistance in the research programme. At present grants are received from the Wool Research Committee, the Wheat Industry Research Council, the South Australian Wheat Industry Research Committee, the Barley Improvement Trust Fund, the Dairy Research Committee, the Commonwealth Department of Health, Quarantine Department, and various Fruitgrowers' and Market Gardeners' Associations.

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 five departments:

AGRONOMY (which includes Crop Genetics and Plant Breeding, Animal Husbandry and Systematic Botany).

AGRICULTURAL CHEMISTRY (which includes Plant and Animal Biochemistry, Virology and Soil Science).

PLANT PATHOLOGY (which includes Nematology and Soil Microbiology).

ENTOMOLOGY.

PLANT 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.

The broad aim of the Institute is to foster by various means polar studies and research. It 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 Chairman of the Committee of Management of the Institute is the Chancellor of the University, the Honourable Sir George Ligertwood, and the Honorary Secretary is Mrs. I. M. Thomas.

### 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 20 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 and a Public Education Committee have been appointed.

**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 £6,000, the second in 1939 about £3,000, the third in 1950 more than £100,000, and the fourth in 1962 about £110,000. 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 £16,000 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 a medical officer and 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, Agricultural Chemistry and Obstetrics and Gynaecology in the 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, and the Foundation plans to extend these activities in the future.

## 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 £12,000 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 over 120 tutors and undergraduates.

The College is governed by a Council of twenty-four members 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. 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.

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., 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 and a spacious Dining Hall and Common Room built in 1960. Situated within ten minutes' walk of the University, it provides a comfortable home in pleasant grounds for the students, who are afforded tutorial help in their studies and trained supervision. The College has accommodation for about 80 students.

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. Miss Jean Gilmore, LL.B., 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 M. K. Deasey, M.A., St. Ann's College, Brougham Place, North Adelaide, or by L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, 12 Pirie 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 containing 26 bed-study rooms and the Junior Common Room was erected in the grounds in 1950. In 1951, the property, 21 Strangways Terrace, was purchased as a further addition to the College buildings. In 1953, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and altered to provide a new kitchen, scullery, dining hall, chapel, common room and maids' quarters. A new block of 27 bed-study rooms was occupied at the beginning of 1960; and with the completion, in July, 1960, of a new central block joining the Eastern and Western wings, the College now accommodates 90 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, instruction in the doctrine and discipline 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 £10,000 by the Methodist Church, £35,000 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 provided a further £44,000 towards the erection of a new residential block in 1959-60. With the purchase of a further property in 1961, the College now accommodates 120 students.

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 the Rev. E. T. Pryor.

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., B.D., and the Vice-Master and Chaplain is the Rev. Arthur M. Jackson, B.A., B.D.

## 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 will grant exemption from all the examinations of the Society to Bachelors of Economics of the University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

## ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities Yearbook* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 36 Gordon Square, London, W.C.1.

## 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.

\*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 £50, which shall be paid into a fund from which the University shall pay all the 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, Jnr., 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.

#### 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.).

#### 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.

#### ADULT EDUCATION CLASSES

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

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

The University provides a library for students of these classes. Students pay a fee of £2 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.

### EVENING LECTURES

1. Originally established under a special grant from the Government, courses of evening lectures in Arts and Science subjects are provided each year for the benefit of teachers and others. Arrangements have been made to give courses of lectures in the following subjects during 1963, provided that sufficient students enrol for each class: Biology, Chemistry I, Comparative Philology, Comparative Education, Economics I and II, Economic Development II, Economic Geography, Education, Educational Psychology II, English I and II, French I, Geology I, Geography I and III, German I and IIIB, History IA, IIB, IIIA and IIIB, History of Education I and II, Hygiene, Latin I, General Mathematics, Mathematics (Economics), Philosophy I, General Physics, Physics I, Politics IIA and IIIB, Psychology IA, IIA and IIIB, Elements of Accounting, Financial Accounting, Commercial Law B.

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 £150 to provide for an annual prize in Greek. The prize is of the value of £10, 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.

1959	Bulkeley, Robert I. P.	1961	No award
1960	Guerin, Bruce	1962	Hackett-Jones, G. A.

#### 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 £6, 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.

1959	Bulkeley, Robert I. P.	1961	Gibson, Edmund R. B.
1960	Guerin, Bruce.	1962	Colbey, Alison M.

#### The James Gartrell Prize.

#### RULES

Whereas James Gartrell has given the sum of £200 for the purpose of establishing an annual prize of £10: 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.

1959	Bulkeley, Robert I. P.	1961	Woodroffe, Alison E.
1960	Fennell, Trevor G.	1962	No award

**The John Howard Clark Prize.**

This prize, of the value of about £20 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:**

1959	Hyslop, Alexander	1961	Heuzenroeder, John M.
1960	McNally, Marie C.	1962	Tideman, Margaret B.

**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 £130 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 £6 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.

1959	Cranwell, Elizabeth	1961	Kinloch, Anne R. L.
1960	Mawet, Jacqueline.	1962	Cornell, Anthea M. I.

**The Byard Prize.**

Whereas the sum of £130 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 £6 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.**

1958	Newell, Leonard N. M.	1960	Wright, Robert K. McG.
1959	Eckersley, Peter D. } equal	1961	Disney, Shaun A. R.
	Wilhelm, Leslie R. }	1962	Wilson, Derek F., LL.B.

**The Sir Archibald Strong Memorial Prize for Literature.**

This prize, of the value of £15, was founded by the Misses Bedford in memory of the late Sir Archibald Strong.

For conditions, see Statutes, Chapter LXXII.

## Awards.

1959	Holt, Betsy S.	1961	Ellis, Roger M.
1960	Woodroffe, Alison E.	1962	Disney, Shaun A. R.

**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 £16 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.

1959	Leader, Wendy M.	1961	Woodroffe, Alison E.
1960	Holt, Betsy S.	1962	Ellis, Roger M.

**The Bunday Prize for English Verse.**

This prize, of the value of £10, was founded by Miss E. Milne Bunday in memory of the late Sir Henry and Lady Bunday.

For conditions, see Statutes, Chapter XXXV.

In 1962 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.

1947	Taylor, Michael Gleeson	1957	Walsh, Elizabeth Jan, B.A.
1950	Hansen, Ian Victor, B.A.	1961	Tidemann, Margaret B.

**The M. Rees George Memorial Prize.**

## RULES.

Whereas the sum of £200 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 Six Pounds (£6), 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.

1959	Abbie, Elizabeth M.	1961	Davis, Isolda I. M.	} equal
1960	Cornell, Christine H.		Marshall, Marilyn G.	
		1962	Cornell, Anthea M. I.	

**The Hope Crampton Prize for French.**

Whereas the French Club of the University of Adelaide has given the sum of £100 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 £5.

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.

1961	Gibson, Edmund R. B.	1962	Cornell, Anthea M. I.
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**The Edith A. Puddy Prize.**

Whereas the Alliance Française of South Australia has given the sum of £120 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 £6.

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.

1961	McDougall, Jennifer M.	1962	Cornell, Christine H.
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### The Violet de Mole Memorial Fund.

#### RULES

The sum of £256 (increased in 1952 to £456) 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 £5/5/-, 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.

1959	Wagstaff, Rosemary	1961	Williams, Dawn E.
1960	Pukitis, Ilze	1962	McDougall, Jennifer M.

### The Weimar-Ohlstrom Prizes.

Whereas Mrs. Leonore Ohlstrom has given the sum of £300 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.

- 1959 German I: Abbie, Elizabeth M.  
 German II: Day, Jennifer A.  
 1960 German I: Thiersch, Marie-Louise  
 German II: Schlick, Werner J.  
 1961 German I: Wowanko, Rosemarie J.  
 German II: Thiersch, Marie-Louise  
 1962 German I: Strehlow, Theodor J.  
 German II: Szczygielski, Wladyslawa W.

### The A. J. Schulz Bequest.

The late Adolf John Schulz having bequeathed to the University the sum of £4,500 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.

#### 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 £3 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 £3 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 £5 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 £15 for the candidate placed first in the annual examination in German III.

(ii) Books to the value of £25 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. Schulz Award and consisting of books to the value of £15, 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.

1962—

Prizes:

German III: Thiersch, Marie-Louise

Final Honours German: Dobberstein, Fred H. } Equal  
Paul, Peter

Award:

Dobberstein, Fred H. } Equal  
Paul, Peter

### 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 Tinline Scholarship for History.

This scholarship, of the annual value of £30, is offered annually, and is tenable for two years. It was founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother.

For conditions, see Statutes, Chapter XXX.

#### Awards.

For previous awards, see Calendars from 1913.

1958	Curnow, Ellen I.	} equal	1960	Rooney, Meredith J.
	Playford, John D.		1961	Buxton, Gordon L., A.U.A.
1959	Goldsworthy, David J.		1962	Haydon, Anthony P.

### The Natalia Davies Prize.

#### RULES.

Whereas Miss Amylis I. Laffer has given to the University the sum of £400 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 £10 and known as the Natalia Davies Prize.

2. The Prize shall be available for award annually to the candidate in a first-year course in the School of History deemed by the examiners to be the most meritorious matriculated or graduate 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.

1959	Horgan, Lillian V.	} equal	1962	Cornell, Anthea M. I.	} equal
	Kerin, Mary B.			Rodger, Michael S.	
1960	Brooking, Leslie J.			Swain, Ian H. F.	
1961	Worden, Margaret A.				

**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 £10, and is offered annually. For conditions, see Statutes, Chapter XX.

**Awards.**

For previous awards, see Calendars from 1904.

1959	Harris, Charles L.	1961	Gould, Ian M.
1960	Hopkirk, Kenneth D.	1962	Puckridge, James T. W.

**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 three guineas.

**Awards.**

For previous awards, see Calendars from 1957.

1959	Kimber, Gillian	1961	Mills, John S., B.E.
1960	Hinckfuss, Ian C.	1962	Melville, Susan

**The British Psychological Society Prize in Psychology.****RULES**

The Australian Branch of the British 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 British Psychological Society Prize in Psychology."

2. The value of the prize shall be £5, 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.

- |      |                     |      |                                  |
|------|---------------------|------|----------------------------------|
| 1958 | No award.           | 1961 | Hume, Beryl M., B.A.,<br>Dip.Ed. |
| 1959 | Grastins, Dagnija   | 1962 | McNicol, Donald                  |
| 1960 | Berndt, Margaret B. |      |                                  |

**The Anna Florence Booth Prize.**

This prize, of the value of £16, 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,<br>M.A. | 1947    | Worthley, Boyce Wilson,<br>B.A., M.Sc. |
| 1943 | Knauerhase, Oscar Carl, B.A.     | 1948-62 | 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 £5. 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.

- |      |                     |      |                        |
|------|---------------------|------|------------------------|
| 1959 | Faull, James F.     | 1961 | Clark, Brian R., B.Sc. |
| 1960 | Kappler, Stewart G. | 1962 | Heinrich, Alison M.    |

**The Charles Fenner Prize in Geography.**

This prize was founded by private subscription in memory of the late Charles Fenner, D.Sc. It is of the annual value of £5, 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.

- |      |                   |      |                       |
|------|-------------------|------|-----------------------|
| 1959 | Burnard, Sally M. | 1961 | Endersbee, Rosslyn J. |
| 1960 | Hansberry, Sara   | 1962 | Boehmer, Sonya A.     |

**The Archibald Grenfell Price Prize in Geography.**

RULES

The sum of £110 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 £5/5/- until the Council decides otherwise.

#### Awards.

For previous awards, see Calendars from 1961.

1959	Octoman, Deirdre J.	1961	Edmonds, Thomas J.,
1960	Burnard, Sally M.	1962	Crick, Beverley J.

#### 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 or Forestry.

The late Ellen Milne Bunday, Mus. Bac., bequeathed the sum of £1,236 for the purpose of founding a scholarship for the encouragement of original research in Botany or Forestry. The scholarship is of the value of £120, and is offered in alternate years.

For conditions, see Statutes, Chapter XLIII.

#### Awards.

For previous awards, see Calendars from 1930.

1954	Brown, Judith Eileen	1957-61	No award.
	Martin, Helene Alice	1962	Millard, Diane L.
1955	Burns, Erica Marian		

##### The John Bagot Scholarship and Medal.

This scholarship, founded by Mrs. John Bagot in memory of her husband, provides exemption from fees in the Department of Botany up to the value of £20. Should it be awarded to a student already entitled to exemption from such fees, it shall be awarded at the option of the student, in books, instruments, or cash, to the value of £20.

Until 1932 the medal was awarded with the scholarship, but it is now offered annually for the best original work in Botany embodied in a thesis.

For conditions, see Statutes, Chapter XXXIV.

#### Awards.

For previous awards of Scholarship and Medal, see Calendars from 1914.

## Scholarships.

For previous awards see Calendars from 1959.

1960	Baldock, Robert N.	} equal	1961	Mitchell, Graham F.
	Millard, Diane L.		1962	Grivell, Anthony R.

## Medal.

1940 Mercer, Frank Verdun

**The Elsie Marion Cornish Prize.**

## RULES

Whereas the Reverend Raymond Baron Cornish has given to the University the sum of £250 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 £7 7s., 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.

1959	Chong Peng Wah	1961	Millard, Diane L.
1960	No award.	1962	No award.

**The J. G. Wood Memorial Prize.**

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 £25.

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.

1961	No award.	1962	Millard, Diane L.
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**The Rennie Scholarship.**

In 1930 the sum of £320 was raised by public subscription to establish a scholarship for research in Chemistry in memory of the late Edward Henry Rennie, formerly Angas Professor of Chemistry.

The scholarship is of the value of £50, and, provided that there is a candidate of sufficient merit, is awarded triennially.

For conditions, see Statutes, Chapter LIII.

#### Awards.

For previous awards, see Calendars from 1960.

1949	Seidler, Jan Hynek	1957	No award.
1952	Thompson, Malcolm James	1961	Ramsay, George C., B.Sc.
1954	Gooden, John E. A.	1962	Paul, David B.

### The Tate Memorial Medal.

#### RULES

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal: It is hereby provided that—

1. A medal to be called the Tate Memorial Medal shall be offered annually for the best original work in Geology. A candidate may be required to pass an examination in the subject matter of his thesis.

2. Any student in the University shall be eligible to compete for the medal, provided that the thesis is submitted within three years of the completion of a prescribed course in Geology; but the medal shall not be awarded to the same person more than once.

3. The thesis shall be forwarded not later than the first day of November in each year.

4. No medal shall be awarded to a candidate who, in the opinion of the Council, is not deserving of it.

5. Each candidate to whom an award of the medal is made shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

Approved by the Council November, 1931, and June, 1933.

#### Awards.

For previous awards, see Calendars from 1932.

1953	Woodard, Geoffrey D.	1956	Daily, Brian, B.Sc.
1954	Chinner, Graham A.	1957-62	No award
1955	No award		

### The Lowrie Scholarships.

These scholarships, of the value of £150 each, were provided by an anonymous donor for the purpose of encouraging postgraduate research in agriculture.

For conditions, see Statutes, Chapter XXXIII.

#### Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc. (resigned 1926)
1921	West, Eric Stadden, B.Sc.	1928	Piper, Gordon R., B.Sc.
1923	Lewcock, Harry K., B.Sc.		

### The James Barrans Scholarship.

This scholarship, founded by the late Sarah Barrans, in memory of her brother, the late James Barrans, is of the value of £90 and is awarded annually, provided that there is a candidate of sufficient merit. Preference in the selection of the scholar is given in alternate years to candidates in Science and in Engineering respectively.

For conditions, see Statutes, Chapter LXV.

#### Awards.

For previous awards, see Calendars from 1954.

1959	Heath, George R.	1961	Slade, Phillip G.
1960	No award.	1962	Kirk, Alexander C.

### 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 £100 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 £4/4/-, 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.

1958	Wells, Gregory S.	
1959	Jones, Alan S.	} equal
	Szekeres, Peter	
1960	Waechter, Raymond T., B.E.	} equal
	Bennett, Gregory W.	
1961	Davis, Bruce R., B.E.	
1962	Pearson, Kenneth R.	} equal
	Worley, Roderick T.	

### The Union Carbide Prizes.

The Council having accepted the offer of Union Carbide Australia Limited to provide two annual prizes of £50 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:	
1960	Swann, John C.	1961	Bishop, Peter J.	} equal
1961	Chandler, Bruce S.		Collins, David A.	
1962	Barrow, Kevin D.			

#### The Sir Ronald Fisher Prize in Genetics.

##### RULES.

Whereas Professor J. H. Bennett has given to the University the sum of £150 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 ten guineas 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.

#### Award.

1962 Marshall, Jennifer A.

### 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 £25.
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.

### 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 £300 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 £9, 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.

1959	No award	1961	Richardson, Noel L.
1960	Randles, John W.	1962	No award

#### 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 £10 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.

1958	Jacobsen, John V.	1960	Puckridge, Donald W.
1959	Cooke, James A. E.	1961	Rathjen, Anthony J.

#### The Barr Smith Travelling Scholarship in Agriculture.

In 1953 Sir Tom Barr Smith gave 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. 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.	1958	Seamark, Robert F.
		1962	Rathjen, Anthony J.

### FACULTY OF ENGINEERING.

#### The Angas Engineering Scholarship.

The Hon. J. H. Angas founded a scholarship of the value of £200 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.

1952	Rose, Gordon Albert	1959	Kelly, Robert J., B.E.
1957	Moten, John M., B.E. (Syd.), B.Sc.	1961	Cameron, Robert A., B.E.

### The Angas Engineering Exhibition.

There are four exhibitions, each of the value of £15 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 Leaving Certificate 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 Leaving Certificate 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 5s.

#### Awards.

For previous awards, see Calendars from 1904.

1958	Wilkinson, Philip L. (relinquished)	1960	Juttner, Christopher A.
1959	Andrews, Anthony J.	1961	Brooke, William J. L.
		1962	Colebatch, Phillip M.

### 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 £10/10/-; 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.

1958	May, Kevin R.	1961	Brown, Garry L.	} equal
1959	Vladcoff, Adrian N.		Smith, Bernard M.	
1960	Fryer, Colin	1962	Lee, Huat Chye (Jeffrey)	

### The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of £25 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.

1959	Johns, Rodger N.	1961	Gunaratnam, Daniel
1960	Truscott, Edward G.	1962	No award

### 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 £20.
3. The prize shall be awarded by the Faculty of Engineering, on the recommendation of the Professor of Civil Engineering, to the matriculated student who submits as part of his work in the subject Civil Engineering IIB the best design of a Welded Steel Structure; provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

1960	Yap, Pak Khi	1962	Maitland, Ian B. G.
1961	Stokes, Roger D.		

### The James Hardie Prize in Civil Engineering.

Whereas Messrs. James Hardie and Coy. Pty. Limited, 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 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.

1961	Norman, Peter A.	1962	Parkin, John W.
------	------------------	------	-----------------

### The Lokan Prize.

#### RULES

The sum of £100 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 Three Pounds shall be awarded annually to the student who shall most distinguish himself in the annual examination in Ore-dressing, 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.

1959	No award	1961	No award
1960	Kelly, Bryan L.	1962	Fryer, Colin

### The E. V. Clark Prize for Electrical Engineering.

#### RULES.

Whereas the sum of £150 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 £7/7/-.
3. The prize shall be awarded annually to the undergraduate placed first at the annual examination in the subject of Electrical Engineering I; provided that if in the opinion of the Professor of Electrical Engineering no candidate is of sufficient merit, no award shall be made.
4. These Rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

#### Awards

For previous awards, see Calendars from 1956.

1959	Vladcoff, Adrian N.	1961	Smith, Bernard M.
1960	Cooper, Dennis N.	1962	Lee, Huat Chye (Jeffrey)

### 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 £21.
3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who is placed highest in the final examination in Electrical Engineering II, provided that no award shall be made if no candidate is deemed of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1960.

1959	Potter, Robert J.	1961	Cooper, Dennis N.
1960	Vladcoff, Adrian N.	1962	Smith, Bernard 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 £10/10/-.

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.

1958	Symons, Frederick J. W.	1960	No award
1959	Adam, Campbell P. } Károlyi, George }	1961	Ooi, Boon Teck
		1962	Rehn, Peter F.

#### The Electricity Trust Prize in Electrical Power Engineering.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize of £50 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.

1959	Leong, Luen Kit	1961	May, Kevin R.
1960	Lee, Yee Cheong	1962	No award

#### The Cable Makers' Association Prize.

The Council having accepted the offer of the Cable Makers' Association to provide a prize of ten guineas 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.

1959	Patterson, Neil W.	1961	Haskard, Donald L.
1960	No award	1962	Patterson, Dean J.

### 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 £10 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.

1959	Potter, Robert J.		1961	Cooper, Dennis N.	
1960	Vladcoff, Adrian N.	} equal	1962	Kershaw, Allan J.	} equal
	Vu, The Bao			Smith, Bernard 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 £10 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.

1959	Vladcoff, Adrian N.		1961	Leigh-Jones, Peter	} equal
1960	Cooper, Dennis N.			Smith, Bernard M.	
			1962	Lee, Huat Chye (Jeffrey)	

### Philips Electrical Industries Prize in Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £50 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.

1959	Davis, Bruce R.		1961	Vladcoff, Adrian N.
1960	Hawryszkiewicz, Igor T.	} equal	1962	Cooper, Dennis N.
	Potter, Robert J.			

**The I.R.E. Fisk Prize.**

Whereas the Institution of Radio Engineers Australia has agreed to provide an annual award of ten pounds for a student in the fourth year of the Electrical Engineering course, the following rules are made:

The award shall be known as "The I.R.E. Fisk Prize."

The award shall be made to the matriculated student who obtains the best results in the annual examination 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.

D.1522/61.

**Awards.**

1960	Vladcoff, Adrian N.		1962	Drewer, Peter C.
1961	Cooper, Dennis N.	} equal		Smith, Bernard M.

**The Sir William Goodman Scholarship.**

Whereas the late Sir William G. T. Goodman has bequeathed to the University the sum of £4,000 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 £200. 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.

Award.

For 1963 Smith, Bernard M.

#### The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of 20 guineas 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.	1961	Hale, Malcolm R.
1960	Inglis, Geoffrey R.	1962	Flower, Ian C.

#### The Shell Prize in Mechanical Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide an annual prize in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Shell Prize in Mechanical Engineering."

2. The prize shall be of the value of £25.

3. The prize shall be awarded to the full-time student in the penultimate year of the course in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that no award shall be made if no candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1961.

1960	Hale, Malcolm R.	} equal	1961	Flower Ian C.
	Robinson, Philip A.		1962	Brown, Garry L.

#### The Rutter Jewell-Thomas Medal and Prize.

1. A medal, and a prize to the value of £30, 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.

1959	No award	1961	No award
1960	Cameron, Robert A. Kelly, Bryan L.	1962	Fryer, Colin Rogers, Peter L.

#### The Albright and Wilson Prize in Chemical Engineering Design.

Whereas Albright and Wilson (Australia) Pty. Ltd. have agreed to provide the sum of £31/10/- 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 £31/10/- 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 student who, in the opinion of the Head of the Department, submits the best design project in Process Engineering IIID.

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.

1959	Fisher, David J.	1961	Bishop, Peter J.
1960	Cameron, Robert A.	1962	Fryer, Colin

#### 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 thirty guineas 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.

1959	Cameron, Robert A.	1961	Fryer, Colin
1960	Collins, David A.	1962	Story, Michael J.

### 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 £15 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.

1959	Cornish, William R.	1961	Clark, Sandford D.
1960	Clark, Sandford D.		Finnis, John M.
	Detmold, Michael J.		Lindell, Geoffrey J.
	Finnis, John M.		Von Doussa, John W.
	Gervasi, Illa L.	1962	Haynes, Jennifer M.

#### 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.	1962	Finnis, John M.
	Prior, Graham C.		

#### The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 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.

1959	Cornish, William R.	1961	Lindell, Geoffrey J.
	Finnis, John M.		Von Doussa, John W.
1960	Finnis, John M.	1962	Haynes, Jennifer M.
	Kitchen, Barrie		

### 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.

### 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 £50 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.

1959 Cornish, William R.      1961 Finnis, John M.  
1960 Kelly, David St. L.      1962 No award

### The Justin Skipper Prize.

#### RULES

Whereas Stanley Herbert and Kathleen Elizabeth Skipper have given the sum of £150 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 five pounds 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.

1959	Cornish, William R.	1961	Finnis, John M.
	Prior, Graham C.	1962	No award
1960	Debelle, Bruce M.		

### The Thomas Gepp Prize.

#### RULES.

Whereas the Late Florence May Pontt has bequeathed to the University the sum of £200 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 £5, 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.

1959	Cornish, William R.	1961	Von Doussa, John W.
1960	Gervasi, Illa L.	1962	No award

**FACULTY OF MEDICINE.****The Sir Hugh Cairns Memorial Prize.****RULES.**

Whereas the sum of £1,050 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 £30, or such other sum as the Council may from time to time determine, payable in three equal instalments, one each on the scholar's enrolling for the first, second, and third year's work of the medical course.

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

**Awards.**

For previous awards, see Calendars from 1960.

1959	Wilkinson, Philip L.	1961	Gill, P. Grantley
1960	Von Behrens, Wieland E.	1962	Craig, Ian H.

**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 £10, 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.

1959	Luke, Colin G.	1961	Gill, P. Grantley
1960	Pearlman, Helen R.	1962	Craig, Ian H.

### 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 £500 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 £15 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.

1959	Pridmore, Brian R.	1960	Luke, Colin G.
	<i>Prox. acc.:</i>	1961	Sage, Michael R.
	Lloyd, John V.	1962	No award owing to changed conditions.

### 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 £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 degrees of Bachelor of Medicine and Bachelor of Surgery; provided that no award shall be made if no candidate is deemed of sufficient merit.

### The Dr. Davies-Thomas Scholarships.

These two scholarships, of the value of £10 each, were founded by Mrs. Davies-Thomas in memory of the late Dr. Davies-Thomas, sometime lecturer in the Principles and Practice of Medicine and Therapeutics.

They are awarded to the student in each of the third and fourth (till 1955) or fifth (since 1956) examinations of the medical course who is placed first in the list of candidates who pass with distinction.

For conditions, see Statutes, Chapter XXI.

## Awards.

For previous awards, see Calendars from 1911.

- |      |  |      |  |
|------|--|------|--|
| 1960 | Third Examination:<br>Pellew, Catherine A.   | 1962 | Third Examination:<br>Pearlman, Helen R.   |
|      | Fifth Examination:<br>Magasdi, Creston J. I. |      | Fifth Examination:<br>Pellew, Catherine A. |
| 1961 | Third Examination:<br>Handley, Douglas V.    |      |  |
|      | Fifth Examination:<br>Sage, Robert E.        |      |  |

**The J. B. Cleland Prize in Pathology.**

## RULES

Whereas the sum of £130 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 £5.
3. It shall be awarded annually to the undergraduate who at the Fifth 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.

- |      |                        |      |                      |
|------|------------------------|------|----------------------|
| 1959 | Woolcock, Ann J.       | 1961 | Sage, Robert E.      |
| 1960 | Magasdi, Creston J. I. | 1962 | Pellew, Catherine A. |

**The Thomas L. Borthwick Memorial Prize.**

## RULES.

Whereas the late Frank Sandland Hone, C.M.G., has bequeathed to the University the sum of £100 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 £3 3s. and shall be paid to the prizeman in one sum.
3. It shall be awarded annually to the undergraduate who in the Fifth 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.

1959	Grant, Donald C.	1961	Lawton, John W. M.
1960	Barter, Ian W.	1962	Turnbull, John W.

### The Archibald Watson Prize.

This prize was founded by the former pupils of Archibald Watson, Emeritus Professor of Anatomy, in his honour, and may be awarded annually to the medical undergraduate who is deemed after examination to be the most proficient in applied surgical anatomy.

For details, see Statutes, Chapter LVI.

### Awards.

For previous awards, see Calendars from 1942.

1958	Nicholls, Valwynne A.	1961	Broinowski, Helen M.
1959	Burns, Richard J.	1962	Dean, Harry M.,
1960	McLarty, Gwendoline		Walsh, John A. } equal

### 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.

1959	Fahy, Carlien L.	1961	Lochert, Roslyn M.
1960	McLarty, Gwendoline	1962	Rogers, John M.

### The Everard Scholarship.

This scholarship, founded by the late William Everard, is of the value of £30, 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.

1959	Fahy, Carlien L.	1961	Vlahakis, Emmanuel
1960	McLarty, Gwendoline	1962	Graham, John R.

### The Lister Prize.

This prize has been provided by an anonymous donor in memory of the late Lord Lister, and is awarded to the medical undergraduate

who, at the termination of his office of surgical dresser for six months, is deemed after examination to be the most proficient in the investigation of cases in the surgical wards of the Adelaide Hospital, and in the knowledge of practical surgery.

For conditions, see Statutes, Chapter XXXVIII.

#### Awards.

For previous awards, see Calendars from 1939.

1959	Kimber, Richard J., B.D.S.	1960	Mansfield, Joseph J.
	<i>Prox acc.:</i>	1961	King, Tania L.
	Matousek, Vladislav	1962	Morris, Lloyd L.

#### B.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the British 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 ten guineas 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 fifth 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.

D. 135/32.

#### Awards.

For previous awards, see Calendars from 1937.

1958	No award owing to changed conditions.	1960	Strickland, Robert G.
1959	Fahy, Carlien L.	1961	Broinowski, Helen M.
		1962	Graham, John R.

#### Frank S. Hone Memorial Prize.

The South Australian Branch of the British Medical Association has agreed to provide an annual prize of fifteen guineas, to be known as the Frank S. Hone Memorial Prize and to be awarded to the student gaining the highest place in Group 1, The Principles and Practice of Medicine and Therapeutics, in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery. The prize will be awarded on the results of the annual examination in November.

Payment of the prize will be made direct by the Association to the successful candidate.

D. 1012/51.

#### Awards.

For previous awards, see Calendars from 1953.

1959	Fahy, Carlien L.	1961	Barter, Ian W.
1960	Kimber, Richard J., B.D.S.	1962	Graham, John R.

### The Sir Trent Champion deCrespigny Memorial Prize.

The Council has accepted the offer of the British 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 Group I, The Principles and Practice of Medicine and Therapeutics; 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 £10/10/- and shall be paid in the form of an authority given by the British 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.

1961 Passehl, Johann H.

1962 Rogers, John McD.

### The William Gardner Scholarship and Prize.

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of £45 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 £45, 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:

1959 Fahy, Carlien L.

1960 Young, James F.

1961 Vlahakis, Emmanuel

1962 Graham, John R.

#### Prize:

1959 Fahy, Carlien L.

1960 McLarty, Gwendoline

1961 Glinka, Natalie

1962 Sage, Robert 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.

1959	Halley, Winifred	1961	Ng, Boon Gim
1960	Young, James F.	1962	Whittenbury, Barry M.

## The Shorney Prize.

This prize, of the value of £100, 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.

1946	Gregg, N. McAlister, M.B., Ch.M. (Syd.).
1954	Fleming, W. E., M.B., B.S., D.L.O. (Melb.).
1958	Christensen, F. G., D.D.Sc. (Q'land), F.D.S. (R.C.S.)
1961	Cameron, Malcolm E., M.B., B.S. (Q'land), D.O. (Lond.) and Wilson, Brian G., M.B., B.S. (Q'land), D.O. (Syd.).

## 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.

## The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of £25 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.

1958	Rodgers, William O.	1961	Glinka, Natalie	} equal
1959	Fahy, Carlien L.	1962	Graham, John R.	
1960	Woolcock, Ann J.		King, Tania L.	

### T. G. Wilson Travelling Scholarship in Obstetrics.

\*In 1938 the sum of £2,000 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 £200.

For conditions, see Statutes, Chapter LVIII.

#### Awards.

1947	R. M. MacIntosh, M.B., B.S.	1951	R. M. Beard, M.B., B.S.
	N. A. Richards, M.B., B.S.	1955	Daphne R. Lowe, M.B.,
1949	G. W. E. Aitken, M.B., B.S.		B.S.
	M. W. Elliott, M.B., B.S.		

\* In 1955 the capital sum was increased to £2,500 and the value of the scholarship raised to £250.

### 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 £10 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 £25 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 £10 may be awarded.

#### Awards.

For previous awards, see Calendars from 1937.

#### Junior Prizes:

1959	Miller, Colin D. J.
1960	Sage, Robert E.
1961	Lloyd, John V.
1962	Handley, Douglas V.

#### 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 £50 for one year to enable the holder of a pass B.Sc. degree to proceed to the Honours degree of Bachelor of Science in these subjects.
- (2) In the event of there being no allocation of the junior scholarship for one or more years, but not more than three years, the accumulated sums or portion thereof may be made available as a Senior Faulding Scholarship to a suitably qualified graduate in Medicine or an honours graduate in Science for the purpose of supporting one year's research work in experimental pharmacology and/or therapeutics.

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

#### Awards.

For previous awards, see Calendars from 1962.

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

#### Medical Research Committee Grants.

The Medical Research Committee will consider applications from persons wishing to undertake medical investigations. Within the limit of its resources, the Committee will provide salaries for suitably qualified graduates able to devote their full time to original work undertaken within or under the aegis of a University Department. It will be glad also to examine the possibility of assisting with the provision of such facilities, other than salaries, as are necessary to enable qualified persons to undertake medical research.

Applications should contain full details of the work proposed and of the estimated cost, and should be made in writing to the Registrar; but candidates are advised first to consult the Professor or Head of the Department within which their research project is likely to fall.

A report giving full details of the results obtained will be required on completion of an investigation, and interim reports must be submitted if asked for. Every report must include a statement that the work has been carried out with assistance provided by the Medical Research Committee of the University of Adelaide.

#### The John Barker Scholarship

Whereas the late Eleanor Kate Barker has bequeathed to the University the sum of £3,000 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 £90 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.

1957	Lander, Harry, M.B., B.S.	1961	No award.
1958-9	Lawrence, James R., M.B., B.S.	1962	Aldor, Thomas A. M., M.B., B.S.
1960	Savage, Joseph P., M.B., B.S.		

#### The Reginald Walker Bequest.

Enabled to do so by the Reginald Walker Bequest (which exceeds £30,000 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 £A1,600.

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; but until the Council shall decide otherwise preference shall be given to a suitable candidate who wishes to work in the Department of Medicine or the Department of Surgery.

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 two years' 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;

(c) the degree of Ph.D. in a science closely allied to medicine;

and shall submit with his application for the Fellowship the subject of the research which he wishes to pursue under the Fellowship.

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.

#### FACULTY OF DENTISTRY.

##### The Thomas D. Hannon Prize.

The Council has accepted a gift from the South Australian Branch of the Australian Dental Association of £133 to endow an annual prize of £4 4s. to be known as the Thomas D. Hannon Prize. The prize will be awarded to the student who is placed first in the list of candidates who Pass with Distinction in the third year examination for the degree of Bachelor of Dental Surgery.

##### Awards.

For previous awards, see Calendars from 1960.

1959	No award	1961	Chau, Kai Kin
1960	No award	1962	No award

##### The Dental Board of South Australia Prize.

##### RULES

The Council has accepted the offer of the Dental Board of South Australia to provide a prize of £10/10/- to be awarded annually to the student who is placed first in the list of candidates who Pass with Distinction in the fourth-year examination for the degree of Bachelor of Dental Surgery.

##### Awards.

For previous awards, see Calendars from 1953.

1959	Blanden, Robert V.	1961	No award
1960	Wei, Hon Yin S.	1962	Chau, Kai Kin

**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 fifteen guineas to be awarded annually to the student who is placed first in the list of candidates who Pass with Distinction in the final examination for the degree of Bachelor of Dental Surgery.

**Awards.**

For previous awards, see Calendars from 1945.

1959	Burfield, Brenton G.	1960	Miller, Roderick S.
	<i>Prox. acc.:</i>	1961	No award
	Kay, Lorimer J.	1962	No award

**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 £21 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 £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

**The Dental Board of South Australia Research Scholarship.****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.

Awards.

1950 Plummer, Alexander P., B.D.S.      1958 Sims, Milton R., B.D.S.

## 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 £100 to provide prizes in the Department of Economics. Under that gift an annual prize of £3/3/- 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.	
1960	Burley, Simon P., B.Sc.	} equal	1961 Taylor, Gregory F.
	Dahlberg, Dane L.		1962 Boyce, Robert W., B.E.
	Fairbairn, David F.		

### 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 £10/10/- 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.	
1960	Belchamber, Ken- neth C.	} equal	1961 Dahlberg, Dane L.
	Burke, Philip D.		1962 Browne, Christopher M.
	Puckridge, James T. W.		Harries, Robert I. } equal

### The Shell Prize in Economics.

A prize of £25 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 a student in the second year is defined as one who having passed without failure in four first year subjects is taking Economics II, Economic Development I, Economic Statistics I and one other subject in the one year.

**Awards.**

For previous awards, see Calendars from 1961.

1959	Sarah, Neil	1961	Leane, Peter A.
1960	No award.	1962	Browne, Christopher M.

**The Economic Society Prize.**

The Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide an annual prize of books to the value of £10/10/- and one year's free membership of the Society, for the best student in Economics III. The prizeman is required to present a paper to the Society. (D. 190/37.)

**Awards.**

For previous awards, see Calendars from 1945.

1959	Robertson, Robert M.	} equal	1961	Griffiths, Peter R.
	Scarman, Ian E.		1962	Leane, Peter A.
1960	Sarah, Neil			

**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.

For conditions, see Statutes, Chapter XXXIX.

**Awards.**

For previous awards, see Calendars from 1954.

1952	Penny, David H., B.Ec.	1961	Blandy, Richard J., B.Ec.
1960	Hicks, Ronald P., B.Ec.	1962	Davis, Robert W.

**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 XXVI.

**Awards.**

For previous awards, see Calendars from 1919.

1956-9	No awards	1961	Morgan, Patrick F. L.
1960	Frenay, Roger Q.		Dalton-
		1962	Killick, James C.

**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.

This bursary was founded in 1915 in memory of the late Archibald Mackie, formerly Secretary of the S.A. Commercial Travellers' Association.

For conditions, see Statutes, Chapter XVIc.

#### 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.

1959	Sherwin, Rolf M.	1961	No award
1960	Henderson, James Y.	1962	Leane, Peter A.

### Australian Society of Accountants Prizes in Accountancy.

For six years, from 1947, the Commonwealth Institute of Accountants provided the sum of £30 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 £15, 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.

- 1959 Fowler, Trevor J. (Elements of Accounting)  
Henderson, James Y. (Management Accounting)
- 1960 Leane, Peter A. (Elements of Accounting)  
Boyce, Robert W., B.E. (Management Accounting)
- 1961 Mitchell, Geoffrey B. (Elements of Accounting)  
Fairbairn, David F. (Management Accounting)
- 1962 Wong, Heung-Kwong, Jimmy (Elements of Accounting)  
Browne, Christopher M. (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 £10/10/- for a prize in Financial Accounting, and the following rules have therefore been made:

1. A prize to the value of £10/10/- 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.

- |                          |                             |
|--------------------------|-----------------------------|
| 1959 Adams, Harry C.     | 1961 Boyce, Robert W., B.E. |
| 1960 Henderson, James Y. | 1962 Fairbairn, David F.    |

#### 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.

1958	Belchamber, Kenneth	1961	Trumble, Hugh P. C.,
1959	No award		B.Ag.Sc.
1960	Lawton, Richard W.	1962	No award

**FACULTY OF ARCHITECTURE.**

**The Kenneth and Hazel Milne Travelling Scholarship.**

Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture.

For conditions, see Statutes, Chapter LXXXI.

**Award.**

1961 Griggs, A. Michael, A.U.A. (Music), B.Arch.

**The James Hardie Prize in Architecture.**

Whereas Asbestolite Proprietary Limited agreed in 1958 to provide an annual award of £50 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.**

1960	Ong, Teng Cheong	1962	Lee, Wan-Ping
1961	Hauser, Robin		

**The South Australian Institute of Architects Prizes.**

Whereas the South Australian Institute of Architects has agreed to provide six annual prizes each of the value of £5/5/- in the Faculty of Architecture and Town Planning, the following rules are hereby made:

1. The prizes shall be called "The South Australian Institute of Architects 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 S.A. Institute of Architects. D. 2751/60.

#### Awards.

For previous awards, see Calendars from 1961.

- 1961 Atkinson, Richard A. (Architectural Design and Planning I)  
 Nairn, Geoffrey W. (Architectural Design and Planning II)  
 Murphy, John F. (Architectural Design and Planning III)  
 Adams, Reginald A. Sorby (Building Construction I and Building Science I)  
 McLeay, Donald A. R. (Building Construction II and Building Science II)  
 Murphy, John F. (Building Construction III and Building Science III)
- 1962 Bate, Brian G. (Architectural Design and Planning I)  
 Cant, David G. (Architectural Design and Planning II)  
 Nairn, Geoffrey W. (Architectural Design and Planning III)  
 Horne, Richard T. (Building Construction I and Building Science I)  
 Brown, Ian J. (Building Construction II and Building Science II)  
 McLeay, Donald A. R. (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 £100, 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.		
1961 Doley, Malcolm J.	1962	Jensen, Peter R. Pikusa, Stefan A.	} equal

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### PHYSIOTHERAPY.

#### The Kate Gilmore Reid Prize.

Whereas the Australian Physiotherapy Association South Australian Branch Incorporated has offered to provide an annual prize of £5 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.

1959 Price, Joanna	1961 Chapple, Margaret A.
1960 Warmington, Leonie E.	1962 Showell, Jacqueline M.

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### SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

#### 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 £A1,100 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 £A1,100.

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 years but may be terminated earlier if the Fellow's work or progress is not satisfactory. In special circumstances it may be renewed for a third year, but not longer. 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 award, see Calendars from 1959.

- 1958 Inman, Ross Banks, B.Sc.  
Henderson, Ronald George, B.E. (Special Scholarship)  
1959 Moritz, Alan Gilbert, B.Sc.  
1961 Deacon, Glen B., B.Sc.  
1962 Matthews, Brian W., B.Sc.

#### The George Murray Scholarships.

For rules applicable in 1962, see Calendar for 1962.

#### RULES.

(Applicable for Awards beginning in 1963)

Enabled to do so by the bequests (amounting to about £140,000) 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 scholarship shall be one year in Category A and two years in Category B; but in appropriate cases the period of tenure may be extended for one year, but not longer.

6. (a) Until the Council decides otherwise, and subject to Clause (e) below, the value of a scholarship shall be:

In Category A: £A1,500 a year.

In Category B: Within the range of £A900-£A1,200 a year.

(b) the value of each scholarship in Category B shall be related (i) to the minimum time required to gain the qualifying degree, and (ii) to the additional postgraduate experience of the scholar at the time of his election to the scholarship.

(c) 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 £A1,500 a year 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.

(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, travel grant 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.

(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. 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 that year.

## Awards.

For previous awards, see Calendars from 1959.

For 1962:

Darskus, Rolf L., B.Sc.  
 Fennell, Trevor G., B.A.  
 McNally, Marie C., B.A.  
 Reeves, Leopold H. D., B.Sc.  
 (Tas.)  
 Sarah, Neil, B.Ec.  
 Waechter, Raymond T., B.E.,  
 B.Sc.

For 1963:

Huppatz, John L., B.Sc. (A)  
 Ramsay, George C., B.Sc. (A)  
 Blandy, Richard J., B.Ec. (B)  
 Gibson, John K., B.A. (B)  
 Lee, David H., B.Sc. (B)  
 Tidemann, Margaret B., B.A. (B)

### 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 £45 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 £1,400.

### William Donnithorne Awards.

#### RULES.

Whereas the late William Donnithorne has bequeathed to the University the sum of £2,050, 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.

### Australian Atomic Energy Commission Undergraduate Scholarships.

The Australian Atomic Energy Commission provides each year a number of Undergraduate Scholarships in Geology, Geophysics, Metallurgy and Chemical Engineering. They are open to British subjects domiciled in Australia and enrolled in an approved course of study leading to a degree in Science or Engineering.

The basic value of each Scholarship is £300 in the first year, with annual increments of £25. All tuition fees of a compulsory nature are paid by the Commission which will, in addition, make an allowance for books and an allowance, at the rate of £65 a year, to scholarship holders who are required to live away from their homes during training.

Further particulars may be obtained either from the Registrar of the University (D. 380/56) or from the Secretary, Australian Atomic Energy Commission, Sydney, New South Wales.

**Australian Atomic Energy Commission Postgraduate Studentships.****CONDITIONS**

1. A Studentship shall be granted for research on an approved project at a University or other approved research institution. The University shall nominate the project and the student, but the final choice in each case shall be made by the Commission. The research project shall be within fields of importance to Australia's programme of atomic energy research, development and application—at present Applied Physics, Chemistry, Chemical Engineering, Electrical and Mechanical Engineering, Metallurgy and Physics. Students will normally be expected to be accepted by the University as students working for a Ph.D. degree.

2. The Studentship shall be tenable for a period of one year, which may be renewed at the discretion of the Commission for a second or third year, dating from the commencement of studies.

3. The Studentship shall have a value of approximately £700 a year. If, however, acceptance of the studentship makes it necessary for a student to live away from home the Commission will meet the cost of rail fares for the journey from his home to the University town at the commencement of his studentship and on return at the end of his studentship, and similar return fares between University and home at the end of each year of his studentship. The Commission will also meet compulsory University fees except those fees payable for the actual taking out of a degree (examination and graduation fees, cost of preparation of a thesis, etc.).

4. The living allowance will be paid to the University in advance. The University will pay the student at such intervals as it considers desirable.

5. The Taxation Branch has indicated that a studentship is not subject to taxation. Hence the holders of studentships need not lodge income tax returns unless, during the year in question, they derive income from sources other than the studentship.

6. A brief report on the progress of a student's work and his activities must be sent to the Commission at the end of each half year by the student's supervisor. At the end of each year a technical report, written by the student on the progress of his work, must be submitted to the Commission.

7. The Commission may terminate a studentship at any time if it is not satisfied with the progress or conduct of the student.

8. If a student wishes to cease his training before the tenure of his studentship expires, he shall inform the Commission immediately. Studentship emoluments will cease on the date on which a student discontinues his training. He may be required to refund any money paid to him in advance in respect of the unexpired portion of his studentship.

9. A student shall be expected to devote the whole of his time to training in research except for such reasonable vacations as are customary for students of similar status in the institution at which he is working.

10. A student may be permitted to undertake limited teaching or demonstrating duties during the period of his studentship, but he must inform the Commission of the extent of such activities and the income derived from them. The Commission may ask him to reduce these activities if it considers they are interfering with his training.

11. If a student is absent from work continuously for more than two weeks on account of illness, he must forward to the Commission a certificate from a qualified medical practitioner stating that his absence was occasioned by such illness. If a student's absence on account of illness continues for more than four weeks, the Commission will consider what effect, if any, this will have on his studentship.

12. Appropriate acknowledgment to the Commission shall be made if a student submits for publication any manuscript embodying the results of work he has undertaken during the tenure of his studentship.

#### Awards to Adelaide Candidates.

For previous awards, see Calendars from 1960.

1959	Haskard, Malcolm R., B.E.	1961	Cattrall, Robert W., B.Sc.
	Weller, Keith R., B.E.		Kelly, Robert J., B.E.
1960	Mathews, Brian W., B.Sc.		Potter, Robert J.
	Messenger, Malcolm J., B.E.	1962-3	No new awards.

#### 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 Universities 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 £850 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 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 £850 sterling per annum, plus passage.

Candidates must have successfully completed a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University at the 1962 annual examinations. 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 will 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 will be made on behalf of the Shell Group by a committee comprised of senior members of the University staff and the Management of the Shell Company of Australia Limited.

Consideration will be given to academic ability and achievements or distinctions as evidence that a candidate may ultimately have an important contribution to make to the community outside the purely academic field. State finalists will be 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.

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).

**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 £800-£1,200, 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, obtained 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.

- |      |  |                                |
|------|--|--------------------------------|
| 1960 | Gooden, John E. A., M.Sc.<br>Mumme, William G., M.Sc.<br>Nicol, Lawrence W., B.Sc.<br>Nilsson, Carl S., B.Sc.                      | } awarded for<br>} second year |
| 1961 | Storer, Robin G., B.Sc.<br>Mumme, William G., M.Sc. (awarded for second year)<br>Nilsson, Carl S., B.Sc. (awarded for third year)  |                                |
| 1962 | Ramsay, George C., B.Sc.<br>Storer, Robin G., B.Sc. (awarded for second year)<br>Mumme, William G., M.Sc. (awarded for third year) |                                |
| 1963 | Arthur, Neville L., B.Sc.<br>Chandler, Graham S., B.Sc.<br>Corbett, John V., 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 £75 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 Good, Brian F., B.Sc.

#### The David Murray Scholarships.

These scholarships, of the value of £25 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 £25 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 £25 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.

- 1959 Arts—Nettelbeck, Colin W.  
Law—Cornish, William R.  
1960 Science—Szekeres, Peter, B.Sc.  
Law—Gervasi, Illa L.  
Arts—Dragovich, Deirdre J.  
1961 Law—Clark, Sandford D.  
Science—Hosking, Anthony J.  
1962 Science—Gersch, Nerida F.

**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.

- 1959 Ramsay, George C.                      1961 Williams, Lyall R., B.Sc.  
1960 Ramsay, George C., B.Sc.        1962 Acott, Brenton

**The Eric Smith Scholarship.**

This scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions, see Statutes, Chapter XVIb.

**Awards.**

For previous awards, see Calendars from 1960.

- 1948 O'Connell, Brian John            1957 Woods, Meredyth Tenison-  
1952 Webber, Ian Ernest            1961 Sanders, David A.

### The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be £15 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

3. Scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University.

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose



### The United Nations Prize.

In 1923 the late Tom Elder Barr Smith gave to the University the sum of £100 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 £5 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 £10.

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 1963 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 £25, 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 Leaving Honours 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 Statutes, Chapter XXII.

### Awards.

For previous awards, see Calendars from 1911.

1954	Kersten, Lee Irving	1958	Elix, John A.
1955	Wells, Gregory Samuel	1959	Gersch, Nerida F.
1956	Klaebe, Kenneth Eric	1960	Gibson, Edmund R. B.
1957	Perriam, Donald J.	1961	Clarke, Robert J.

### Commonwealth Scholarships.

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. The scholarships serve a twofold purpose in that they both provide educational opportunity for the individual and help to maintain the output of qualified men and women needed in the national life of Australia. Commonwealth Scholarships may be used for either full-time or part-time study.

In South Australia about 370 Commonwealth Scholarships, called Open Entrance Scholarships are awarded on the results obtained in the applicant's best five papers at the Leaving Examination taken at the one time; results at the supplementary examinations are not counted. A candidate must reside in Australia with his parents and must be under 25 on 1st January of the year in which he begins his course, irrespective of when he sat for the Leaving Examination. In addition he must not already have a record of failure in University or similar courses. Commonwealth Scholarships are NOT awarded on Leaving Honours results.

A successful applicant may request deferment of his scholarship for twelve months in order that he may take a Leaving Honours course or for other good reasons; in approved cases deferment may be granted for two years.

An applicant must fulfil the entrance requirements for his chosen course before he can use his scholarship. In general, these can be completed during a year of deferment, but in the case of degree courses the applicant must have matriculated for some degree course at the time of award.

An Open Entrance Scholarship may be used for any approved course in Australia. In South Australia the courses which have been approved to date are: all University first degree courses; most University diploma courses; some South Australian Institute of Technology diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindegarten Training College; the course in Optometry. Lists of courses available in this and other States may be seen at the Scholarships Section.

Some Commonwealth Scholarships, called Later Year Scholarships, are available each year for students who did not obtain scholarships on their Leaving Examination results but who have had some success in an approved course.

A few Mature Age Scholarships are available to people between the ages of 25 and 30 years of age who have lived in Australia for two years, and who fulfil certain other conditions.

Commonwealth Scholarships involve certain minor obligations during training, but there is NO obligation to serve the Commonwealth Government on completion of the course. The scholarships cover payment of most compulsory fees, including the University Statutory Annual Fee and the General Service Fee, but do not cover fees for residence. Fees are not paid for part-time students unless such fees exceed £10 in the first year of study under the scholarship. If fees are more than £10 in the first year, fees in subsequent years will be paid although they may be less than £10. Provision is made for reimbursement of the fare in excess of £2 10s. for a single journey, or £5 for a return journey at student concession rates, incurred by a student in travelling to or from his home each long vacation or at the commencement or conclusion of his course.

Scholars undertaking approved full-time courses on a full-time basis may apply for a living allowance, which is payable subject to a means test. The maximum rate of allowance payable to the holder of an ordinary scholarship who is residing with his parents is £247 per annum. The maximum rate of allowance payable to the holder of an ordinary scholarship who is not residing with his parents is £383 10s. per annum. The maximum rate of allowance payable to independent scholars is £7 7s. 6d. per week. The adjusted family income on which maximum allowances are payable, is £850, and the rate of abatement of allowances will be £2 in £10 up to an adjusted income of £1,700 and £3 in £10 thereafter. The cut-out is £1,936 on the "at home" scale, and £2,391 on the "away from home" scale. The permissible income is £2 10s. per week in the case of ordinary scholars, and £3 per week in the case of independent scholars. In the case of married female scholars, the permissible combined income of the scholar and her husband is £6 per week. In assessing the adjusted family income, the allowance for each child (other than the scholar) under 16 years of age, is £150. The adjusted family income consists of the gross income of the father and mother for the previous financial year, less the deductions for children under 16. When the income is from property or a business, the gross income is the income from the property or business, less the *business* expenses allowed by the Taxation Department as expenses incurred in earning the income. In assessing the living allowance in a case in which there are two students of the one family in courses approved under the Commonwealth Scholarship Scheme, and one or both hold Commonwealth Scholarships, the living allowance of one or both will be assessed by abating the maximum allowances at half the normal rate; when there are three such students, the abatement rate will be one-third the normal rate, and so on. In the academic year following a scholar's 25th birthday, a different method of assessing living allowance is used and the parents' incomes are not considered.

At present a student may hold both a Bursary and a Commonwealth Scholarship if the parents' income is such that benefits of £10 or more may be received from the Commonwealth Scholarship.

Applications must be made on the prescribed form. The closing date is 30th November each year, and applications *must* be lodged

with the Scholarships Section of the Education Department by that date. If awarded a Scholarship, the student is required to sign a formal acceptance. Subject to satisfactory progress the scholarship will be continued for the duration of the course, but an acceptance must be signed annually. Applications for living allowance must be lodged annually and should be in the hands of the Scholarships Branch by the 30th November each year.

Students under bond cannot be awarded a Commonwealth Scholarship. Students who have resigned a bond and have satisfied the requirements of the bonding authority are eligible to apply.

The Scholarships Section of the South Australian Education Department is located on the top floor of the Mathematics Building in the University Grounds. The postal address is Box 406C, G.P.O., Adelaide, and the telephone number is 8 0471.

### **Government Bursaries and Studentships, tenable at the University.**

(Regulations of the Education Department in regard to Scholarships.)

#### **Leaving and Honours Bursaries.**

11. Bursaries as specified hereunder shall be offered annually for competition among children resident in South Australia or (in cases approved by the Director) in a reciprocating State whose parents have been domiciled or resident in Australia for the two school years next preceding the 31st day of December of the year in which such children compete, or, if they have not been so domiciled or resident, satisfy the Minister, by such evidence as he may require, that it is their intention to reside in South Australia during the term for which the bursary may be awarded.

(1) (a) Forty-eight Leaving Bursaries to be awarded by the Minister in two divisions on the results of the Leaving Examination of the University of Adelaide, as follows:—

Division I—Eighteen such Bursaries shall be awarded to children who, for the two years next preceding the 31st day of December of the year in which they compete have been in attendance at a school in South Australia situated beyond a radius of ten miles from the General Post Office at Adelaide.

Division II—Thirty such Bursaries shall be awarded to children who are in attendance at a school situated within a radius of ten miles from the General Post Office at Adelaide or to children who have been educated wholly or partly elsewhere than at a South Australian school. Any candidate who has attended for the two school years next preceding the 31st day of December of the year in which he competes, partly at a school in Division I and partly at a school in Division II, shall compete in Division II. Provided that if any of the 18 Bursaries awarded in Division I or of the 30 Bursaries

awarded in Division II be not accepted by the student to whom it is awarded it may be awarded to a qualified student in either Division.

(b) Competitors must not be more than 17½ years of age on the 31st day of December of the year in which they compete.

(c) The relative value of the subjects shall be fixed from time to time by the Director: Provided that, in the competition for the Leaving Bursary six subjects shall be the maximum number for which a candidate may claim credit including Drawing and Music if all sections of each such subject have been taken within the year of application, but only two of the subjects, Arithmetic, Mathematics I and Mathematics II shall be counted.

(2) (a) Twelve Honours Bursaries to be awarded by the Minister on the results of the Leaving Honours Examination of the University of Adelaide. Every candidate who has passed in at least four subjects of the Examination shall be eligible for the award of an Honours Bursary. The result shall be determined by adding together the marks obtained by the candidate in not more than five subjects in the said examination. Pure Mathematics counts as two subjects. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.

(b) Honours Bursaries shall be awarded only to those deemed by the Minister to be of sufficient merit.

(c) Candidates must be under 19 years of age on the 31st day of December of the year in which they compete and must not previously have attended any part of the undergraduate course of the University of Adelaide in those subjects in which they are competing for an Honours Bursary.

(d) To perpetuate the memory of the late Hon. Archibald Henry Peake, former Premier and Minister of Education of the State, the first of the said Honours Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

12. No beneficiary under any other Education Scheme shall be eligible for award of a Bursary unless he foregoes such other assistance, nor shall any Bursary be awarded to any candidate for whose education at the University provision has been made out of public fund, unless otherwise approved by the Minister, but the Angas Engineering Exhibition may be held in conjunction with a Leaving Bursary and an Honours Bursary may be held in conjunction with the Hartley Studentship.

13. No candidate shall be awarded a Bursary unless he has completed the matriculation requirements for the Faculty in which he proposes to study.

14. The Bursaries shall be tenable at the University of Adelaide for any course for which the bursar is eligible, and shall consist of a maintenance allowance at the rate of £13/6/8 per term.

In addition, in respect of such period of time (if any) as it is necessary for a bursar to board away from home to attend the University of Adelaide, or if the Director is satisfied that such bursar

could not have the benefit of the Bursary without additional assistance, or if his parents or guardian reside outside the State for any period of time during the tenure of his Bursary, the rate of maintenance may be increased to an amount not exceeding £38/6/8 per term in respect of such period of time as that condition exists, or alternatively a travelling allowance at a rate not exceeding £5 per annum may be paid, but no bursar shall be paid both a maintenance allowance beyond £13/6/8 per term and a travelling allowance. Travelling allowance shall not be payable to a bursar living in the metropolitan area as defined in regulation 1 of this part. Bursaries shall also be tenable for any full-time diploma course of the South Australian Institute of Technology.

15. Honours Bursaries shall exempt the holders from all fees, other than fees for supplementary examinations, payable to the University of Adelaide in the courses for the degrees and from all fees payable to the South Australian Institute of Technology.

The Council of the University of Adelaide has agreed to remit in respect of Leaving bursars all fees other than fees for supplementary examinations payable to the University of Adelaide in respect of degree courses. The South Australian Institute of Technology Council has agreed to remit all fees payable for courses taken by Leaving bursars.

Bursars taking the Bachelor of Agricultural Science Course shall be exempt from all fees payable to the Roseworthy Agricultural College and holders of Bursaries in Medicine shall be exempt from all fees payable for hospital instruction and to the Queen's Home.

16. A bursar taking a course which provides for study partly at the University of Adelaide and partly at a University in another State shall be exempt from all fees payable to the University in the other State and shall be paid the full maintenance allowance during his attendance at that University.

17. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the University must enter the University of Adelaide as an undergraduate in such degree or diploma course or courses or degree and diploma courses as may from time to time be approved by the Honourable the Minister of Education. A candidate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agricultural Science given by the University in conjunction with the Roseworthy Agricultural College. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the South Australian Institute of Technology as a student in such full-time diploma course or courses as may from time to time be approved by the Minister.

18. Except in the case of illness or other sufficient cause, each bursar must in order to retain the Bursary attend all lectures and pass all examinations required in the selected course. Notwithstanding anything herein contained in any case in which it is considered desirable by the Director, the candidate may postpone his entry to the University for one year, or in special circumstances for a longer

period not being later than the first term of the third University year immediately following the award as the Director determines.

In the case of a Leaving bursar not coming within the scope of paragraph 19 hereof, he may be granted an allowance at the rate of £10 per annum during his attendance at a Secondary School for the approved period of postponement, provided he is not the holder of an Intermediate Exhibition.

19. (1) A student awarded a Leaving Bursary pursuant to and in accordance with either Division I or Division II of paragraph 11 (a) hereof, whose permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense, may, with the approval of the Director, postpone his entry to the University for one year if he so desires, provided he remains for that year at a school approved by the Director, and undertakes to sit for the Leaving Honours examination at the end of that year.

(2) In such a case, provided he is not the holder of an Intermediate Exhibition, he may be paid an allowance at the rate of £30 per annum plus a boarding allowance at the rate of £75 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. If the Director is satisfied that the holder of the Bursary is not making satisfactory progress or that his attendance or conduct at the University or Institute of Technology is unsatisfactory, payment of the monetary allowance involved may be reduced or withheld at the discretion of the Director, or he may recommend to the Minister that the Bursary be terminated.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.

### Evening Studentships.

24. Four studentships shall be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the South Australian Institute of Technology with a view to graduating or securing a diploma. These studentships shall be awarded to candidates whose occupations or circumstances prevent them attending the day lectures.

25. The value of a studentship shall be the fee for attendance at lectures in the subject or subjects taken by the student up to a maximum of £31/10/- in any one year; and in the case of a student taking a science-type course, additional fees for practical or laboratory work up to a maximum of £9/9/- in any one year.

The studentship shall not pay the matriculation fee, the Statutory Annual Fee, the General Service Fee, nor shall it pay tuition fees beyond the value of the studentship. The student shall be responsible for these and for books and equipment.

26. Studentships may be offered for any degree or diploma course at the University of Adelaide or the South Australian Institute of Technology for which lectures may be attended after 5 p.m. from Monday to Friday or on Saturday mornings.

27. There shall be no restriction as to the age of candidates except that a candidate must be of the minimum age stipulated by the institution for the required course of study.

28. Applicants must have satisfied the requirements for matriculation in the Faculty or entrance upon the diploma course in which the applicant desires to enrol.

29. No candidate who holds any other Scholarships, Bursary, Cadetship or other financial award for studies at the institution shall be eligible for an Evening Studentship.

30. Each award shall be renewable on annual application up to a total of not more than five years. Renewal shall be dependant upon satisfactory progress.

The Minister, on the recommendation of the Director, may withdraw or refuse to renew any studentship if it is considered that the student is not making satisfactory progress.

Fees for any subject shall be paid once only.

No holder of an Evening Studentship who has had it withdrawn for any reason shall be eligible for the award of an Evening Studentship at a later date.

31. Payment of lecture fees within the limits stated in paragraph 25 shall be made direct to the institution on demand. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures diligently, and regularly and the training institution shall be asked to refund the unused proportion of the fees paid.

32. Candidates for Evening Studentships must apply to the Director of Education in writing on or before 1st February of the year in which the applicant desires to hold the studentship. Each candidate shall state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.

2. His qualifications in point of knowledge, namely:—  
 (a) Particulars of any public examinations he has passed.  
 (b) If he already holds a studentship and is applying for continuation, what work he has done and what examinations he has passed while holding it.

33. Studentships which are withdrawn or are discontinued shall lapse and shall not be re-allotted during the year. The maximum of new awards in any year, irrespective of the number of continuations, withdrawals, or relinquishments, shall be four.

#### Commonwealth Postgraduate Awards.

The Commonwealth Government has agreed to provide each year a number of awards for postgraduate study and research at Australian universities. One hundred and twenty-five of these awards were made available for 1962, of which 100 were allocated for direct award by the Australian Universities. The remaining twenty-five were reserved for award on the advice of the Commonwealth Scholarships Board to candidates not included in the quotas allocated to the individual universities. Adelaide's direct allocation was eleven.

The value of an award in the University of Adelaide is normally £800 a year. The award is tenable for one year in the first instance, and may be renewed annually up to a maximum of four years' tenure.

All applicants must be graduates or students who expect to graduate shortly after application. The candidate 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, should be sent to the Registrar by the end of November of each year. Applicants should include full personal particulars, the names of two referees familiar with the University work of the candidate, 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 1962.

Burley, Simon P., B.Sc.	Holt, Betsy S.
Campbell, John A., B.Sc.	Jansen, Geoffrey C.
Colliver, Anthony D.	Jeffrey, Peter D., B.Sc.
Cooper, Desmond W., B.Sc.	McLaughlin, Ian L., B.Sc.
Frick, Anthony J.	Mitchell, Peter, B.Sc.
Hale, Malcolm R.	Vladcoff, Adrian N.
Haskard, Donald L.	Zockel, Manfred

#### Awards for 1963.

Adams, Jeremy S.	Hooper, Andrew W.
Carmichael, Keith E.	Marshall, Donald R.
Cooper, Dennis N.	Mulcahy, Dennis E., B.Sc.
Flower, Ian C.	Paul, David B., B.Sc.
Haddad, Gerald N., B.Sc.	Wege, Dieter, B.Sc.
Hartwig, Robert E., B.Sc.	

## 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 (1) 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 (2) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £750 (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.

1960	Smyth, Michael E. B.	1962	Finnis, John M.
1961	Seppelt, Brian M., B.Sc.	1963	Rogers, Peter L.

**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.		

**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 £100 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.

**Services Canteen Trust Fund Post-graduate Scholarship.**

The Trustees of the Services Canteens Trust Fund offer each year a postgraduate Scholarship for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. The Scholarship is valued at £A1,000 a year and is tenable abroad for a period up to three years.

In awarding the Scholarship the Trustees will take into account: (i) academic career; (ii) ability for research work; (iii) character; and (iv) the future value to Australia of the subject of research or study.

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 £250 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 £8 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.

1959 Snowsell, Alan M., B.Sc.

1960 Moritz, Alan G., B.Sc.

1961 Jackson, John F., M.Sc.  
Laby, Ralph H., M.Sc. (Melb.) } equal

1962 Auzins, Ieva, B.Sc.

#### 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 £50.

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 December 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, Malaya, 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. G. S. Reid, 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 Mus.Bac.) 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. Except in special circumstances passages shall not be tenable by married persons.

6. 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.

7. 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.

8. 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.

9. Applications should be made in writing to the Registrar not later than a date—usually in April—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 £100, 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. Applications should be made through a professor and the Warden of the University Union.

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 in the physical, biological and social sciences. 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.

The grades and minimum qualifications of research workers for whom living allowances may be provided from the Grant are as follows:

1. *Junior Research Scholar*: A good Ordinary degree. Very few awards are made in this category; those that are made are intended to enable a Scholar to proceed to an Honours degree.
2. *Research Scholar*: A student whose minimum qualification is an Honours degree, or the equivalent, and who is studying for a Master's or a Ph.D. degree.
3. *Postdoctoral Research Fellow*: A student newly qualified to receive the degree of Ph.D., who—
  - (i) is of exceptional quality;
  - (ii) wishes to stay in the University for a period not normally exceeding two years; and
  - (iii) is capable of conducting independent research and of assisting in the training of postgraduate students in a field of research of interest to his department.

Detailed particulars, including the living allowances payable in each grade, may be obtained from the Registrar. A potential candidate should consult the Head of his department (normally not later than September in any year) about the likelihood of his being recommended for an award.

## 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. H. Swales Smith).

### 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 one guinea. 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, social functions and debates between graduate and student teams. Most of these functions 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 social and cultural centre for those University activities not specifically included in the academic syllabus. It endeavours to provide a common meeting ground for staff, graduates and students.

The objects of the Union are:—

1. to promote the intellectual culture of its members;
2. to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
3. generally to secure the co-operation of University men and women in furthering the interests of the University.

The affairs of the Union are conducted by the Union Council and various committees appointed by the Council, notably the Union House Committee, the Union Hall Committee, and the Union Finance Committee.

The membership of the Union Council comprises:

(i) *Ex officio members:*

- (a) The Registrar of the University;
- (b) The Warden of the Union;
- (c) The Honorary Treasurer of the Union;
- (d) The Secretary of the Union; 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 7 p.m. by members of the Union. The Coffee Room on the first floor of the Refectory remains open until 10 p.m.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave £9,500 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 £10,000 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 £100,000, 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 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 55,000. 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, Intersity 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, women's tennis, women's hockey, women's athletics, women's cricket, and women's basketball and softball clubs.

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 £750 for the erection of the boathouse, 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 £100 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.

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 soccer, a lacrosse and two 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 aims of the Movement are to confront students with Jesus Christ and His Gospel and to lead them to commit themselves to Him and His way of life; and further, to help them to grow in His likeness and in the understanding of the Christian faith, as well as to unite them in the fellowship of the Church and in the devotion of their whole lives to the service of the Kingdom of God.

The movement welcomes into its Fellowship of worship, study and service, all students, teachers and others who seek God and the truth by which to live.

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 fellowship amongst Anglican students 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 and Tuesday evening at 5.15.

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.

### **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 a branch of the Inter-Varsity Fellowship, a world-wide association of students formed in 1919 as a development of the Inter-Collegiate Christian Union founded in Cambridge in 1877. Its objects are to uphold the Christian faith, to provide Christian fellowship, and to present the Christian gospel to University students. 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 Teas during term and end-of-term house parties.

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, regular morning devotions, weekly study circles, fortnightly evening meetings, student services, and occasional week-end conferences are held.

A special meeting for the welcome of Lutheran students entering University courses, is held in the first week of every academic year.

#### **Adelaide University Regiment.**

The Regiment is an Infantry Battalion 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 at least 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 J. R. N. Twopenny, and the Adjutant Major D. J. Brewster, M.C.

#### **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 rank 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 usually 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.

The Squadron is organised into five specialist flights; medical, equipment and accounting, administration, technical, and radio. Students from all faculties in the University are welcomed and usually a student is able to enlist in the flight of his choice.

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, if vacancies exist, employment is available as instructors with the Air Training Corps, Citizen Air Force Auxiliary Squadron or the University Squadron.

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 for the protection of the States against domestic violence. So far as members or ex-members of the University Squadrons are concerned, consideration would be given to the effect mobilization would have on their professional training.

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.

#### **Adelaide University Arts Association.**

The Arts Association is the co-ordinating body for the activities of the various organisations within the Faculty of Arts. The Association aims to promote the welfare and cultural interests of Arts students and others, by sponsoring combined evenings in which the affiliated clubs participate, by inviting distinguished speakers to the University and by organising the Arts Dinner.

Full membership is open to all Arts students; other students are eligible for associate membership.

The Annual General Meeting is held in the third term.

#### **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.

The persons eligible to become members of the Society are:—

- (a) any male undergraduate in law or student at law at the University of Adelaide;
- (b) any male person who has been admitted to the degree of Bachelor of Laws or has obtained the Final Certificate in Law at the University of Adelaide;
- (c) any male practitioner of the Supreme Court of South Australia.

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 ten shillings (pre-clinical students) and fifteen shillings (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, and 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 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 Studies as a profession and 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.

### **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. T. G. H. Strehlow, The University.

Hon. Secretary: Mr. T. Brown, Dental School.

#### **The Classical Association of South Australia.**

President: Professor J. A. FitzHerbert.

Hon. Secretary: 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 a prescriptive point of view. Languages are discussed either individually or comparatively, over as wide a field as practicable. During the University term, 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 two members, one of whom should be a student. Membership is open to all language enthusiasts, without a subscription fee; and any enquiries should be addressed to the Secretary.

President: Mr. D. A. Hester, M.A. (Cambridge).

Honorary Secretary: Mr. R. W. Garson, B.A. (Sydney and Cambridge), 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 £3 for ordinary members and £2 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 12s. for *The Australian Quarterly* and £1 6s. 6d. for *The Economic Journal*.

President: R. A. Potter, B.A. (Cambridge), A.B.I.A.

Honorary Secretary: J. Y. Henderson, B.Ec., The University.

Honorary Treasurer: J. C. Wright, B.Com. (Melb.), 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. 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 £1. Members receive *The Australian Journal of Experimental Biology and Medical Science* if they desire it, on payment of an additional fee of £1 10s. The subscription to the Journal for non-members is £3 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: R. V. Southcott, M.D., D.Sc.

Vice-President: Professor G. M. Maxwell, M.D. (Edin.), M.R.C.P. (Lond.).

Hon. Secretary: W. E. R. Hackett, M.A., M.D. (Dub.), M.C.P.A.

Hon. Treasurer: A. B. Roy, Ph.D., D.Sc. (Edin.).

### **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 members of the Board of Management are all resident in Adelaide, and the Board is assisted in the selection of papers and in matters of policy by a panel of interstate workers in the field of Medical Science.

Contributions are received from research centres throughout Australia. The papers 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 £3 a year.

Editor-in-Chief: Professor Sir Mark L. Mitchell; Co-Editor, Dr. D. I. B. Kerr.

### **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.

A special association has been built up between the Guild and the Australian Elizabethan Theatre Trust since the Trust was founded in 1954.

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: Miss Beryl Pearce, The University. (Enquiries in writing only or after hours at 31 9918.)

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## PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

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## LICENTIATE IN MUSIC FOR TEACHERS AND EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

**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 £50, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

\*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Sixth 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 10s. 6d.

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

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

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

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

#### PRIZES

8. Each year a sum of not more than £55 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 circumstances, 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.

## LICENTIATE PRIZE

12. A prize of fifteen guineas 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.

13. 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.

## SCHOLARSHIPS— Awards

For previous awards, see Calendars from 1910.

- 1959 No award  
 1960 Hunwick, Christine M. (Practice)  
 1961 Finnis, Catherine M. (Theory)  
       Larsens, Gunars        } (Practice)  
       Larsens, Mairita     } (equal)  
 1962 Larter, Maureen J. (Practice)  
       James, William F. C. (Theory)

## LICENTIATE PRIZE—

For previous awards, see Calendars from 1942.

- 1959 Schodde, Peter  
 1960 No award  
 1961 Chapell, Glenys

## PRIZES—

For previous awards, see Calendars from 1945.

Awards in 1959:

(a) *Pianoforte.*

Seventh Grade: Cmrlac, Margaret  
                   Mander, Patricia J.  
                   Shaw, Barbara

Sixth Grade: Ellis, Maureen E.  
                   Gamlen, Verona F.

Fifth Grade: Colebatch, Desirée F.  
                   Ferguson, Judith A.  
                   Henderson, Margaret  
                   White, Rosemary

Fourth Grade: Crabbe, Stephen G.  
                   Glennon, Joan M.  
                   Roberts, Helen C.

(b) *Violin:*

Sixth Grade: Brixius, Rotraud A.  
                   McDonald, Rosamund D.

## Awards in 1960:

(a) *Pianoforte.*

- Seventh Grade: Hunwick, Christine M.  
Sheedy, Pauline  
White, Meredith
- Sixth Grade: Masiulis, Nenura A.  
Preiss, Sunieva  
White, Rosemary
- Fifth Grade: Larter, Maureen  
Oster, Carol J.  
Owen, Diana
- Fourth Grade: Owens, Ian S.  
Smith, Carolyn

(b) *Violin.*

- Fifth Grade: Inkster, Michelle D.  
Larsens, Mairita
- Fourth Grade: Pitcher, Alison  
Seager, Janet R.

## Awards in 1961:

(a) *Pianoforte.*

- Seventh Grade: Buzaitis, Mara S.  
Colebatch, Frances  
Thompson, Glen R.
- Sixth Grade: Pisaniello, Marisa T.  
Schutz, Avis  
Williams, Graham  
Wilson, Elizabeth
- Fifth Grade: Noonan, Dianne M.
- Fourth Grade: Durand, Marcelline L.  
Gracie, Joy C.  
Wilksch, Philip A.

(b) *Violin.*

- Seventh Grade: Kazimierczak, Jean Paul B.
- Sixth Grade: Larsens, Gunars  
Larsens, Mairita
- Fourth Grade: Venning, Maurice M.

## Awards in 1962:

(a) *Pianoforte.*

- Seventh Grade: Bennier, Margaret  
Featherstrong, Mariette R.  
McSkimming, David Grant
- Sixth Grade: Maloney, Joanna  
Thomson, Damien B.  
Hadjikakou, Piero
- Fifth Grade: Modra, Sonia Naomi  
Fatchen, Timothy J.
- Fourth Grade: Newcombe, Anthony

(b) *Violin.*

- Sixth Grade: Farkas, Ibojka Rosa
- Fifth Grade: Wootton, Deana

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

Whereas the late Eva Lines has bequeathed to the University the sum of £500 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 £15, 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.

1959	Lakin, Angela M.	1961	Schutz, Avis
1960	Preiss, Sunieva	1962	Noonan, Diana

CALENDAR  
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## ANNUAL REPORT FOR THE YEAR 1962

To His Excellency Sir Edric Montague Bastyan, K.C.M.G., 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 1962:

### 1. INTRODUCTION

Sir William Mitchell, K.C.M.G., died on 24th June, 1962, in his 102nd year. Sir William had been an eminent member of the University for more than 50 years, had exerted a powerful influence on its character and work, and had brought it distinction through his reputation as a philosopher.

The Council commissioned a portrait by Mr. A. Gwynne Jones, of the University's distinguished graduate, Sir Howard Florey, President of the Royal Society. The portrait is finished, will be shown this season in the Royal Academy, and will then be placed in the Bonython Hall.

During the year work proceeded on the second stage of the Biological Sciences Building—two additional floors with glasshouses, small-animal houses and insectaries above—and the Department of Zoology moved into occupation in March, 1963. A new block of laboratories for Physical and Inorganic Chemistry on the Kintore Avenue boundary and an annexe to the Main Engineering Building were built during the year and occupied in March, 1963. The annexe provides accommodation for the University's Computing Centre and for the S.A. Unit of the C.S.I.R.O. Scientific Computing Research Laboratory, and additional accommodation for Civil Engineering (which will release some space to Mechanical Engineering) and for Electrical Engineering. Part of the old Exhibition Building was demolished and work began on the final stage of the Napier Building for the Faculty of Arts; and a contract was let late in the year for the construction of the first stage of the Physical Education Centre on Mackinnon Parade, North Adelaide. An additional refectory and a new coffee lounge in the Union Buildings were occupied in September.

In April the University forwarded to the Australian Universities Commission its submission for the 1964-6 triennium, and the Commission visited the University for discussions in October. The submission was in two parts: one for North Terrace and the Waite Institute, and the other for Bedford Park. For the existing University the requests for capital expenditure on buildings were small in comparison with the requests made to the Murray Committee in 1957 and to the Commission in 1960. The principal items were completion of the Napier Building, a new library for the Waite Institute, Stage II of the Physical Education Centre, and new projects in the Mawson Institute for Antarctic Research and a proposed Australian School of Mineral Sciences. Further reference to the submission for Bedford Park is made elsewhere in this report. For annual running costs the

submission was based primarily on our estimates of student enrolments in the years of the triennium; over the past five years our estimates, including those for 1963 enrolments, have proved remarkably accurate.

## 2. THE COUNCIL AND THE SENATE

In November, Mr. J. R. Dridan, Rev. W. F. Hambly, Professor P. H. Karmel, Dr. J. Melville, and Dr. Grenfell Price retired by effluxion of time as members of the Council. The Senate elected Professor E. S. Barnes, Mr. Dridan, Mr. Hambly, Professor Karmel and Dr. Melville to fill the five vacancies; it also re-elected Mr. R. G. Willoughby its Warden and Mr. V. A. Edgeloe its Clerk.

In August, Parliament appointed the Honourable L. H. Densley, M.L.C., Mr. D. A. Dunstan, M.P., Mr. J. A. Heaslip, M.P., Mr. C. L. Laucke, M.P., and the Hon. F. J. Potter, M.L.C., as members of the Council during the life of the current Parliament.

Dr. Grenfell Price ceased to be a member of the Council to which he had been elected for the first time in 1925, the year in which he became the first Master of St. Mark's College. At the meeting of the Council on November 30 the Chancellor concluded his statement about Dr. Price's service to the University with the following words: "Dr. Price is among the few members of this University who are internationally known for their contributions to the Social Sciences. As a geographer and historian he is held in esteem particularly in the United Kingdom, the United States of America, and Russia. The Council and the University as a whole are deeply indebted to Dr. Grenfell Price for his vigorous service, maintained over so many years. The knighthood conferred on Sir Grenfell in the New Year Honours gives much pleasure to the University."

The Hon. Sir Frank Perry, a Parliamentary member of the Council, retired in August. Sir Frank had been a member of the Council since 1949 and had given valuable service to the University as a member of the Investment and Finance Committees.

The Senate in November elected the following members of the Standing Committee established under the additions to the Standing Orders adopted in 1961: Miss L. M. Angel, Mr. R. A. Blackburn, Mr. M. M. S. Finnis, Dr. E. C. Forsyth, Rev. W. F. Hambly, Mr. S. J. Jacobs, Mr. R. B. Lewis, Miss Roma Mitchell, Q.C., Mr. Paul Radford, Dr. G. S. Reid, Mr. W. M. C. Symonds, and Dr. B. O. West.

## 3. OBITUARY

The Council records with deep regret the deaths during the year of the Reverend Canon K. J. F. Bickersteth, a former member of the Council and one of the Founders of St. Mark's College; of Dr. Violet Plummer, who took a prominent part in the establishment of St. Ann's College; of Sir Ronald Fisher, F.R.S., who had taken part in the work of the Genetics Department since 1959; of Mr. R. M. Steele, who had been closely associated with the University for more than 50 years as student, part-time lecturer, member and Chairman of the Board of Studies and an Auditor of the University's accounts; of Mr. A. A. Fairweather, a former member of the Council and its Finance and

Investments Committees; of Mr. G. S. McDonald, President of the S.A. Institute of Technology; of Mr. J. G. Duncan Hughes, a descendant of one of the men whose benefactions made the founding of the University possible nearly 90 years ago; of Dr. Colin Gurner, a member of the Anti-Cancer Foundation; of Mr. H. E. E. Brock, laboratory steward in the department of Geology, after 39 years of service; and of Sir Harry Alderman, Q.C., who was a student of the University nearly 50 years ago.

#### 4. NEW PROFESSORS

Professor B. L. D. Coghlan, of the University of New England, assumed duty as Professor of German in August; Professor H. F. Lydall, of the University of Western Australia, was appointed to the George Gollin Chair of Economics vacated by Professor Karmel and took up duty in December; Professor R. N. Robertson began duty in February as Professor of Botany; Professor T. G. B. Osborn was appointed Professor Emeritus in the Department of Botany; Dr. H. G. Andrewartha, Reader in Animal Ecology, was appointed to the Chair of Zoology; Dr. T. O. Browning, Senior Lecturer in Animal Ecology, was appointed to the Waite Chair of Entomology; and Professor R. K. Morton accepted an invitation from the Council to transfer from the Waite Chair of Agricultural Chemistry to the Chair of Biochemistry.

A personal Chair in Parasitology was created for Professor W. P. Rogers, who transferred to it from the Chair of Zoology; Dr. R. W. F. Tait, Reader in Chemical Engineering, was appointed Professor of Chemical Engineering; Dr. D. P. O'Connell, Reader in Law, was appointed to a personal Chair in International Law; and Professor G. B. Mackaness, of the Australian National University, was appointed to a personal Chair in Microbiology.

#### 5. OTHER APPOINTMENTS

Other appointments to the permanent full-time academic staff during the year were:

Mrs. Andrée David, Lecturer in French; Mr. A. O. Bonig, Lecturer in German; Dr. K. L. O. Gillion, Senior Lecturer in History; Dr. J. M. Tregenza, Mr. I. H. Getzler, Dr. I. A. H. Turner and Mrs. L. Glow, Lecturers in History; Mr. S. E. Hughes, Lecturer in Philosophy; Dr. K. A. Provins, Reader in Psychology; Dr. F. R. Dalziel and Dr. A. H. Winefield, Lecturers in Psychology; Mr. P. Smailes, Lecturer in Geography; Dr. A. D. Barton, Senior Lecturer in Business Management; Mr. F. K. Wright, Senior Lecturer in Commerce; Mr. J. Y. Henderson, Lecturer in Accounting; Dr. J. R. M. Radok, Reader in Mathematics; Dr. J. P. Tull, Dr. E. Jane Pitman and Dr. J. N. Darroch, Senior Lecturers in Mathematics; Dr. E. Weigold, Lecturer in Physics; Dr. M. G. Pitman, Lecturer in Botany; Dr. G. H. Satchell, Senior Lecturer in Zoology; Miss B. J. Dennis, Senior Demonstrator in Physiology; Dr. R. H. Symons, Lecturer in Biochemistry; Dr. D. J. Greenland, Reader in Soil Science; Dr. G. J. Leach and Mr. K. Moore, Lecturers in Agronomy; Mr. A. Shaw, Senior Lecturer in Mechanical

Engineering; Mr. R. Bennett, Senior Lecturer in Surgery; Mr. J. D. Harris, Senior Lecturer in Surgery; Mr. B. K. Taylor, Lecturer in Social Studies.

Mr. J. G. Sanderson, Lecturer in Mathematics, was transferred to the Computing Centre.

#### 6. STAFF DISTINCTIONS

Mr. R. W. V. Elliott, Reader in English, was appointed Associate Editor of "The Australian University", a journal to be published under the aegis of the Australian Vice-Chancellors' Committee; Dr. B. R. Elliott, Reader in Australian Literature, was invited to give the Commonwealth Literary Fund Lectures in the University of Western Australia, and Mr. G. P. H. Dutton, Senior Lecturer in English, was similarly invited to the University of Queensland; Dr. M. Leifer, Lecturer in Politics, was a visiting Fellow in the Department of International Relations at the Australian National University (Institute of Advanced Studies) during January-February, 1962; Professor J. J. C. Smart was elected to the Australian Humanities Research Council; Professor G. H. Lawton was invited by the Australia-Soviet Friendship Society to join a small delegation visiting the U.S.S.R. during December, 1962, and January, 1963; Professor P. H. Karmel was appointed by the Commonwealth Government to the Manufacturing Industries Advisory Council; Professor E. S. Barnes was elected President of the Australian Mathematical Society and a member of the Council of the Australian Academy of Science; Professor J. H. Carver was a member of the Australian delegation to the Third International Space Science Symposium (Cospar) held in Washington in May, 1962; Professor D. O. Jordan gave the Liversidge Research Lecture to the Royal Society of New South Wales; Dr. M. F. Glaessner, Reader in Geology and Palaeontology, lectured in the U.S.A. from January to May, 1962, at the invitation of the American Geological Institute under its Visiting International Scientists' Programme; Professor E. A. Rudd addressed the Annual Meeting of the American Association of Petroleum Geologists at San Francisco in March, 1962, received the Matson Award for "presenting the best paper at the Annual Meeting of the Association", and was invited to undertake a lecture tour for the A.A.P.G. in 1963; Professor R. N. Robertson was elected foreign associate of the United States National Academy of Sciences; Professor W. P. Rogers was appointed Chairman of the Board of Standards of the Australian Journals of Scientific Research; Dr. I. S. de la Lande, Reader in Pharmacology, was appointed a member of the Poisons Panel of the Commonwealth Government of Australia; Dr. D. I. B. Kerr, Senior Lecturer in Physiology, was appointed a member of the Panel on Neurophysiology of the International Brain Research Organization of U.N.E.S.C.O.; Dr. A. Kerr, Senior Lecturer in Plant Pathology, was appointed Australian Correspondent of the American Phytopathological Society; Dr. N. G. Marinos, Senior Lecturer in Plant Physiology, attended and read a paper at the Fifth International Congress for Electron Microscopy in Philadelphia; Professor A. A. Abbie gave a paper at the International Primatological Congress in Giessen, and attended in London the meeting of the Planning Committee for the forthcoming International Biological Programme; Pro-

fessor R. P. Jepson was invited to Sydney Hospital as the Sir Norman Paul visiting Professor, and visited Queensland as Guest Professor of the Princess Alexandra Hospital, Brisbane; Professor L. W. Cox was invited to give a special university lecture in the University of London on "Foetal Anoxia"; Mr. Malcolm Joyner, a member of the Faculty of Dentistry and the University's nominee on the Dental Board of S.A., was awarded the honour of C.B.E.; Professor R. A. Jensen was elected Honorary Secretary to the newly-created South Australian Chapter of the Royal Australian Institute of Architects; Mr. J. D. Kendrick, Senior Lecturer in Architecture, was elected President of the Architectural Research Group, and was also elected to the Council of the South Australian Branch of the Illuminating Engineers' Society.

#### 7. RETIREMENTS AND RESIGNATIONS

Sir Mark Mitchell retired in August from the Chair of Biochemistry which he had occupied since 1939. The Council conferred the title of Professor Emeritus upon him; and he became full-time Deputy-Vice-Chancellor in 1963.

Dr. F. Lippay, Reader in Physiology, retired at the end of the year after 24 years' service, and the following staff-members resigned during the year:

Mr. G. P. H. Dutton, Senior Lecturer in English; Mr. C. F. Presley, Senior Lecturer in Philosophy, on his appointment to the Chair of Philosophy in the University of Queensland; Mr. R. S. Livingstone, Lecturer in German; Mr. J. W. Bennett, Senior Lecturer in Commerce; Dr. A. B. Roy, Senior Lecturer in Biochemistry; Dr. J. P. Quirk, Reader in Soil Science, on his appointment to the Chair of Soil Science and Plant Nutrition in the University of Western Australia; Dr. A. Millerd, Senior Lecturer in Plant Biochemistry; Dr. J. S. D. Graham, Lecturer in Protein Biochemistry; Mr. D. J. Taylor, Wool Fund Research Fellow; Dr. R. G. Barden, Reader in Mechanical Engineering, on his appointment to the Chair of Fluid Mechanics at Monash University; Professor E. C. R. Spooner, Professor of Mining, Metallurgical and Chemical Engineering, to enter private consulting practice; Professor N. R. Morris, Bonython Professor of Laws, on his appointment as Director of the U.N. Asia and Far East Institute for the Prevention of Crime and Treatment of Offenders, Tokyo; and Mr. L. Jasek, Teacher of Violin.

#### 8. STUDY LEAVE

The following members of staff were granted Study Leave beginning at some stage of the year

Mr. A. French, Senior Lecturer in Classics; Professor C. J. Horne, The Jury Professor of English Language and Literature; Professor R. B. Potts, Professor of Applied Mathematics; Dr. S. G. Tomlin, Reader in Physics; Dr. J. R. Urwin, Senior Lecturer in Physical and Inorganic Chemistry; Dr. J. H. Coates, Lecturer in Physical and Inorganic Chemistry; Dr. A. L. J. Beckwith and Dr. G. E. Lewis, Senior Lecturers in Organic Chemistry; Professor A. R. Alderman, Professor of Geology and Mineralogy; Mr. I. M. Thomas, Senior Lecturer in Zoology; Professor R. F. Whelan, Professor of Human

Physiology and Pharmacology; Mr. D. G. Lewis, Lecturer in Soil Chemistry; Mr. R. Knight, Senior Lecturer in Plant Breeding and Genetics; Mr. H. S. F. Lower and Dr. B. Johnson, Senior Lecturers in Entomology; Dr. L. G. Paleg, Senior Lecturer in Plant Physiology; Mr. D. H. Tyler, Senior Lecturer in Civil Engineering; Professor E. O. Willoughby, Professor of Electrical Engineering; Dr. R. G. Barden, Reader in Mechanical Engineering; Dr. T. O. Penman, Senior Lecturer in Chemical Engineering; Dr. A. C. Castles, Senior Lecturer in Law; Professor L. W. Cox, Professor of Obstetrics and Gynaecology; Dr. J. V. Peters, Lecturer in Music; and Miss M. Norton, Lecturer in Social Studies.

#### 9. BEDFORD PARK DEVELOPMENT

Planning which began in 1961 for the development of the University on the Bedford Park site was continued. A submission, designed to enable Bedford Park to open in 1966 with about 500 students, was prepared by the Principal-Designate (Professor P. H. Karmel) with the assistance of a special committee appointed by the Council and a number of *ad hoc* advisory committees. This submission was approved by the University Council and was forwarded to the Australian Universities Commission.

It is envisaged that the student body will comprise about 250 first-year students in Arts, about 150 such students in Science, about 100 students taking first-year service courses for later studies in other faculties, and some honours and postgraduate students.

Initially, the University's work at Bedford Park will be organised in four Schools, namely, Language and Literature, Social Sciences, Physical Sciences and Biological Sciences. Full degree work will be undertaken in the four Schools, beginning with first-year courses in 1966 and adding second and third year courses in succeeding years. Facilities for some honours and postgraduate work will be available from the outset. Students will graduate from Bedford Park with degrees of the University of Adelaide.

Subject to the authority of the University Council, the academic work at Bedford Park will be under the control of the Bedford Park academic staff. They will be encouraged to establish an individual structure of courses, to foster new developments and to design new syllabuses.

Mr. H. J. Buchan, a Senior Administrative Assistant in the Registrar's Department, was appointed Secretary, and Mr. G. J. Harrison, also of the Registrar's Department, Staff Architect for Bedford Park. The Council appointed Professor Gordon Stephenson of the University of Western Australia as Planning Consultant, and the Adelaide firm of Hassell and McConnell as the architects for the first stage of the academic, administrative, Library and Union Buildings.

Authority was given for the appointment during 1963 of a librarian and six professors so that the acquisition of a working library could proceed and the professors advise on the academic structure of the teaching and on the planning of academic buildings.

## 10. VISITORS AND PUBLIC LECTURES

The following visitors to the University took part in the work of the departments, and in some cases gave public lectures:

*Classics:* Professor G. Seaston of the University of Malta.

*English:* Professor Earle R. Davis of Kansas State University, U.S.A.; Mr. Gordon Price of Santa Barbara State College, California; the Commonwealth Literary Fund Lecturers for 1963, Mrs. H. M. Green of Monash University, Mr. Colin Thiele of the Adelaide Teachers' College, and Mr. Gerald Fischer, S.A. Archivist.

*French:* Dr. Germaine Brée, Research Professor in Modern French Literature at the Institute for Research in the Humanities of the University of Wisconsin; Professor Jacques-Henry Bornecque, Head of the Department of French of the University of Caen.

*History:* Dr. D. Devahurti; Mr. L. F. Fitzhardinge of the Australian National University; Professor Milton Klein of Long Island University; Mr. Peter Munz of Victoria University, New Zealand.

*History and Political Science:* Professor P. H. Partridge of the Australian National University.

*Psychology:* Dr. R. A. Thouless, until 1961 Reader in the University of Cambridge; Professor S. D. Porteus, Emeritus Professor in the University of Hawaii; Professor N. L. Munn of Bowdoin College, Brunswick, U.S.A.

*Geography:* Professor Tom McKnight, Fulbright Scholar; Dr. Murray McCaskill of the University of Canterbury, New Zealand; Professor D. Hooson of the University of British Columbia; Professor E. S. Hills of the University of Melbourne; Mr. J. Golson, Dr. A. A. Opik and Dr. Donald Walker of the Australian National University, Canberra.

*Economics and Commerce:* Professor B. R. Williams, Robert Otley Professor of Economics in the University of Manchester and Visiting Professor in the University of Melbourne (who gave the Joseph Fisher Lecture on "Industrial Research and Economic Growth in Australia"); Professor Sir John Crawford, Director of the Research School of Pacific Studies in the Australian National University; Professor M. Black of Duke University; Professor A. B. Carson of the University of California (who spent three months as Visiting Professor in the Department of Commerce and gave the Australian Society of Accountants Lecture on "Trends in Accounting Education"); Professor C. E. Warne of Amherst College; Professor A. Smithies of Harvard University and Visiting Professor in the Australian National University; Mr. H. A. Bland of the Department of Labour and National Service; Professor R. I. Downing and Mr. A. H. Boxer of the University of Melbourne; Professor H. W. Arndt, Dr. W. M. Corden and Dr. F. J. West of the Australian National University.

*Mathematics:* Professor Kurt Mahler, F.R.S., of the University of Manchester.

*Physics:* Professor Fred Hoyle, F.R.S., of the University of Cambridge (who gave the Einstein Memorial Lecture, and also conducted a seminar in the Department of Mathematical Physics); Dr. S. C. B. Gascoigne, Dr. A. W. Rodgers and Dr. Bengt Westerlund of Mount Stromlo Observatory, Canberra.

*Chemistry:* Professor C. Djerassi of Stanford University; Dr. A. W. Waters, F.R.S., of the University of Oxford; Dr. R. N. Jones of the National Research Council, Canada; Professor J. Miller, University of Hong Kong; Professor T. S. Ma, City University of New York.

*Geology and Mineralogy:* Dr. L. Weiss of the University of California; Dr. Joan Clark of the U.S. Geological Survey; Dr. Robert M. Norris of the University of California; Dr. A. A. Opik of the Bureau of Mineral Resources, Canberra.

*Botany:* Dr. S. B. Hendricks of the U.S. Department of Agriculture; Professor F. L. Milthorpe of the University of Nottingham; Mr. K. H. Badi of the Forests Department, Khartoum, Sudan.

*Human Physiology and Pharmacology:* Dr. T. Sears, Department of Physiology, Australian National University; Professor Chandler McC. Brooks of the State University of New York; Professor A. S. Paintal of the All-India Institute of Medical Sciences; Dr. G. A. Bentley of Monash University.

*Microbiology:* Professor O. Westphal of the Max Planck Institute of Immunobiology, Freiburg, Germany, as a visiting professor for two months; Professor M. R. J. Salton of the University of New South Wales; Dr. S. Boyden of the John Curtin School of Medical Research, Australian National University; Sir Macfarlane Burnet, Dr. Cooper, Dr. S. Faine, Dr. G. Nossal, Dr. J. Dineen, Professor N. Stanley and Dr. A. Szenberg.

*Agricultural Chemistry:* Professor J. M. Sturtevant, formerly Chairman of the Department of Chemistry, Yale University; Dr. D. A. de Vries of Eindhoven University; Professor M. B. Russell of the University of Illinois; Dr. L. D. Bare, Director of the Sugar Experimental Station, Hawaii; Professor E. Schlichting of Stuttgart University.

*Agronomy:* Dr. J. P. Cooper of the Welsh Plant Breeding Station; Dr. D. J. Watson of the Rothamsted Experimental Station; Mr. T. C. Kennan of the Matopos Research Station, Southern Rhodesia; Dr. Everitt H. Everson of Michigan State University.

*Entomology:* Professor H. D. Gordon of the University of California; Dr. E. McC. Callan of Rhodes University.

*Plant Pathology:* Professor T. Kommedahl of the University of Minnesota; Professor H. C. English of the University of California; Dr. J. S. Waid of the University of New England.

*Plant Physiology:* Professor F. L. Milthorpe of the University of Nottingham; Professor H. Beevers of Purdue University; Professor F. C. Steward, F.R.S., of Cornell University; Dr. C. D. Nelson of the Queen's University, Kingston, Ontario; Dr. J. P. Nitsch of the Phytotron Laboratory, Gif-sur-Yvette, France; Professor R. V. Stoughton of the University of Sydney.

*Law:* Sir Leslie Munro, Secretary-General, International Commission of Jurists; Dr. P. Drost, formerly Professor of International Law, University of Djakarta.

*Surgery:* Professor C. W. D. Lewis of the University of Western Australia.

*Obstetrics and Gynaecology:* Professor J. P. Greenhill of the University of Illinois; Professor Lance Townsend of the University of Melbourne.

*Dentistry:* Dr. Harold M. Fullmer of the National Institute of Dental Research, U.S.A.; Professor J. Osborne of the University of Birmingham; Professor Noel Martin of the University of Sydney.

*Music:* Dr. Henk Badings of the Utrecht University, Holland; Mr. Frank Hutchens of Sydney; Mr. Yehudi Menuhin; The Israeli String Quartet; Mr. Charles Jenkins of the Trinity College of Music, London.

*Architecture:* Dr. Nels Andersen of the University of Chicago; Mr. Harry Seidler of the University of Manitoba; Professor Danforth of the Illinois Institute of Technology; Mr. Neal of the University of Auckland; Professor N. Anderson and Mr. Bernard Hesling of the University of New South Wales; Dr. J. C. Weston of the United Kingdom Building Research Station; Mr. Ian Langlands of the C.S.I.R.O. Division of Building Research; Professor G. Stephenson of the University of Western Australia.

#### 11. POSTGRADUATE COMMITTEES

The following visitors were sponsored by the Postgraduate Committee in Medicine: Drs. B. and M. Blomback, Haematologists, Sweden; Professor Frank Hinman, Jr., Urologist, University of California Medical Center, San Francisco; Mr. R. G. Macbeth, Lecturer in Otolaryngology in the University of Oxford; Dr. J. P. Greenhill, Honorary Professor of Gynaecology, Cook County Hospital Graduate School of Medicine, Chicago, U.S.A.; Professor E. G. Saint, Professor of Medicine, University of Western Australia; Professor J. V. Dacie, Professor of Haematology, University of London; Dr. Wilder Penfield, Neurologist, Montreal Neurological Institute; Professor W. B. MacDonald, Professor of Child Health, University of Western Australia; Professor S. L. Townsend, Professor of Obstetrics and Gynaecology, University of Melbourne; Dr. John Boland, Radiologist, Mount Sinai Hospital, New York; Dr. John Hodson, Radiologist, University College Hospital, London; Dr. C. W. Mayo, Surgeon, Mayo Clinic, Rochester, Minnesota; Dr. Swithin Meadows, Neurologist, The National Hospital, Queen's Square, London, and Moorfields Eye Hospital; Professor Gordon Douglas, Professor of Obstetrics and Gynaecology, Cornell University, New York; Sir Theodore Fox, Editor of "The Lancet"; Dr. Ludwig Guttmann, C.B.E., Director of the National Spinal Injuries Centre, Stoke Mandeville Hospital, England; Professor David E. Rogers, Professor of Medicine, University of Nashville, Tennessee.

Official visitors to the Postgraduate Committee in Dentistry were: Dr. W. True of the Physicians and Surgeons School, San Francisco, and Professor J. Osborne of the University of Birmingham, England.

#### 12. RESEARCH AND PUBLICATIONS

The University Research Grant supported 36 research fellows and scholars, and about 430 research projects during the year.

A bibliography of publications by members of the University staff during the year is appended to this report.

### 13. COMPUTING CENTRE

The Centre obtained on hire an I.B.M. 1620 computer and a 1622 card reader and punch. This equipment has been used for departmental research and for testing of University programmes to be run on the I.B.M. 7090 computer at the Weapons Research Establishment, Salisbury.

The Post of Director of the Centre was established at professorial status but had not been filled by the end of the year.

### 14. GRANTS, GIFTS AND BEQUESTS

Grants from sources outside the University to support research projects and to provide postgraduate scholarships during the year amounted to £232,441. Details are listed in a statement appended to the Financial Statements of the University for 1962.

In addition to these grants, the University acknowledges with pleasure and gratitude the following gifts:

Books and equipment from the French Government; £150 from Professor J. H. Bennett to endow the Sir Ronald Fisher Prize in Genetics; substantial quantities of yeast from the Effront Yeast Co. Ltd., Melbourne; £5,000 a year for five years from Colgate-Palmolive Ltd. of Sydney to establish and support a Readership in Preventive Dentistry; a beautifully made exercising machine from Mr. A. McKinley; books and periodicals for the Barr Smith Library from the following:

Professor A. A. Abbie; Miss L. M. Angel; Professor G. M. Badger; Mr. M. J. Barrett; Dr. T. H. Beare; Mr. C. Warren Bonython; Miss M. Brunt; Professor T. D. Campbell; Mr. C. Candler; Professor B. L. D. Coghlan; Professor E. A. Cornish; Dr. W. A. Dibden; Mr. G. P. H. Dutton; The Federal Republic of Germany; Dr. K. Washington Gray; Dr. M. Gribble; Mr. A. J. Hannan; Dr. Ruth Heighway; Mr. G. R. Henning; The Government of Italy; Professor P. H. Karmel; Mr. W. S. Kelly; Mr. T. K. Lim; Dr. Helen Mayo; Professor Sir Mark Mitchell; Professor R. K. Morton; Mutooroo Pastoral Co. Ltd.; Mr. G. B. Newland; Sir Henry Newland; Mrs. M. Oldham; Professor T. G. B. Osborn; Mrs. K. B. Pain; The Pakistan Government; Professor H. N. Robson; Mr. E. Roe; Professor W. P. Rogers; Dr. G. F. Rudé; Public Library of South Australia; The Shell Company of Australia; The Smithsonian Institution; Dr. A. R. Southwood; Mrs. Gwenneth Stokes; Professor Hugh Stretton; The Government of Switzerland; Miss L. K. Symon; The U.S. Information Service; The American Government; Miss Y. L. Wait; Dr. A. Winifred Wall; Mr. J. T. Whelan; Mr. E. H. Wilkinson.

### 15. THE UNIVERSITY HEALTH SERVICE

Owing to the move of the Health Centre from the Prince of Wales Building to new rooms in the Benham Building, no medical examinations were held in the first term, but the normal service was provided at an increased intensity during the remainder of the year.

The University Council agreed to take over the administration of the Health Service from the Union Council in 1963 and appointed Dr. R. Heddle as part-time Medical Director.

## 16. STATUTES AND REGULATIONS

The University made two new Statutes: one relating to Matriculation which, it is proposed, should come into effect in 1966, and the other relating to the Lady Barr Smith Scholarship for Cancer Research.

Chapter XXIV, Of Non-graduating Students, was repealed and a new Chapter, Of Non-matriculated Students, substituted therefor and amendments were made to Chapter VIII, Of Terms; Chapter X, Of the Faculties; and Chapter XXV, Miscellaneous.

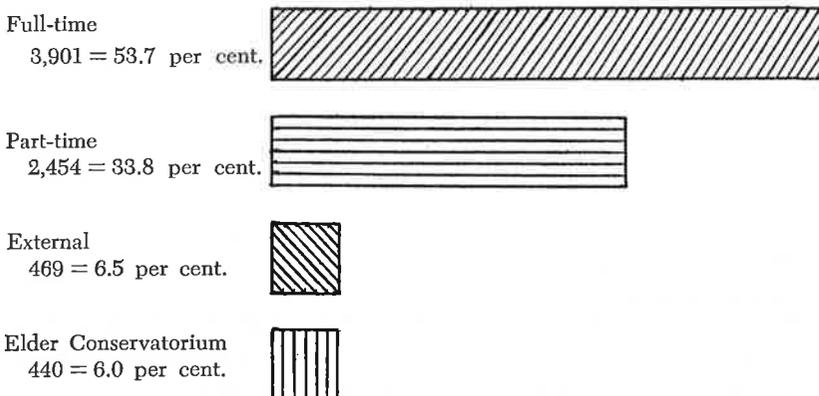
Amendments were made to the Regulations governing the degrees of Bachelor of Economics, Master of Science, Bachelor of Engineering, Bachelor of Laws, Bachelor of Medicine and Bachelor of Surgery, and Bachelor of Technology, the Diplomas in Education and in Public Administration, and the Public Examinations.

## 17. STATISTICS

*Numbers of Students:* The total number of students was 7,264, the greatest enrolment in the history of the University and an increase of 609 on that for the previous year. Of the increase, 139 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 115. The number of Ph.D. candidates increased by 32.

The tendency towards a greater proportion of full-time enrolments was resumed in 1962 when these enrolments represented 53.7 per cent. of the total, or, excluding the Elder Conservatorium of Music, 57.2 per cent. The composition of the student body is shown in the following diagram:

COMPOSITION OF STUDENT BODY, 1962



*Distribution into Courses:*

## A. Candidates for Degrees.

	Bachelors' Degrees (a)		Higher Degrees		Total		Total
	M.	F.	M.	F.	M.	F.	
Agricultural Science	76( 5)	3	20	1	96	4	100
Applied Science ..	47( 1)	—	2	—	49	—	49
Architecture ..	97( 6)	11	3	—	100	11	111
Arts ..	696( 18)	553(23)	28	11	724	564	1,288
Dentistry ..	91( 2)	9	8	1	99	10	109
Economics ..	369( 3)	19	5	—	374	19	393
Education ..	—	—	10	3	10	3	13
Engineering ..	422( 21)	1	33	—	455	1	456
Law ..	167( 2)	39	9	1	176	40	216
Medicine ..	509( 8)	105	9	2	518	107	625
Music ..	7	8	—	—	7	8	15
Science ..	855( 48)	188( 5)	52	8	907	196	1,103
Technology ..	561	—	—	—	561	—	561
Town Planning ..	—	—	8	2	8	2	10
Ph.D. ..	—	—	172	11	172	11	183
<b>Total ..</b>	<b>3,897(114)</b>	<b>936(28)</b>	<b>359</b>	<b>40</b>	<b>4,256(b)</b>	<b>976 (b)</b>	<b>5,232 (b)</b>

## B. Candidates for Diplomas, and Students taking Miscellaneous Subjects.

	Diplomas or Certificates		Miscellaneous Subjects		Total		Total
	M.	F.	M.	F.	M.	F.	
Agricultural Science	—	—	1	—	1	—	1
Applied Science ..	—	—	—	—	—	—	—
Arts and Education ..	348(c)	354(c)	49 (d)	20 (d)	397	374	771
Dentistry ..	—	—	—	—	—	—	—
Economics ..	—	—	15	—	15	—	15
Education (Postgraduate diploma) ..	138(e)	64(e)	—	—	138	64	202
Engineering ..	—	—	4	—	4	—	4
Law ..	17	—	2	—	19	—	19
Music ..	10	35	1	—	11	35	46
Music (Elder Conservatorium) ..	—	—	176	264	176	264	440
Optometry and Home Science ..	—	—	7	32	7	32	39
Pharmacy ..	149	65	1	—	150	65	215
Physical Education ..	55	43	—	—	55	43	98
Physiotherapy ..	1	76	—	—	1	76	77
Public Administration	52	1	—	—	52	1	53
Science ..	—	—	25	2	25	2	27
Social Studies ..	33	87	—	—	33	87	120
Technology ..	—	—	2	—	2	—	2
<b>Total Non-Graduating students ..</b>	<b>803</b>	<b>725</b>	<b>283</b>	<b>318</b>	<b>1,086 (b)</b>	<b>1,043 (b)</b>	<b>2,129 (b)</b>

(a) The numbers in brackets refer to final year honours students.

(b) A deduction of 65 males and 32 females should be made from the combined total of groups A and B to allow for students counted in more than one category.

(c) Excluding 50 males and 6 females taking another course as principal course.

(d) Excluding 36 males and 28 females taking another course as principal course.

(e) Excluding 118 males and 61 females taking another course as principal course.

*Comparison with some previous years:* The following figures of total enrolments in the various Faculties and courses indicate the changes that have occurred during the last twenty-three years (the numbers in brackets for 1948 refer to trainees under the Commonwealth Reconstruction Training Scheme).

	1939	1948 (Immediate Post-war Peak)	1961	1962
Agricultural Science .. ..	14	52( 17)	97	100
Applied Science .. .. .	—	—	46	49
Architecture .. .. .	—	—	106	111
Arts .. .. .	889	1,197(219)	1,871	2,010
Commerce .. .. .	331	341(246)	—	—
Dentistry .. .. .	29	105( 42)	85	109
Economics .. .. .	71	106( 73)	368	394
Education (M.Ed.) .. ..	—	—	11	13
Education (Postgraduate diploma) .. .. .	84	113( 22)	153	199
Engineering .. .. .	297	765(213)	480	457
Law .. .. .	72	122( 68)	180	235
Medicine .. .. .	180	515(144)	618	625
Music (Degree and Diploma) ..	29	59( 15)	46	58
Music (Elder Conservatorium) ..	255	575(120)	405	440
Optometry and Home Science	7	14( 6)	38	39
Pharmacy .. .. .	82	139( 30)	193	215
Physical Education .. .. .	—	43( 5)	79	98
Physiotherapy .. .. .	18	47( 14)	74	77
Public Administration .. ..	46	55( 39)	44	53
Science .. .. .	205	573(148)	992	1,107
Social Science and Social Studies	11	67( 34)	90	119
Technology .. .. .	—	—	528	563
Town Planning .. .. .	—	—	—	10
Ph.D. Candidates .. .. .	—	—	151	183
Totals .. .. .	2,620	4,888(1,455)	6,655	7,264

*Overseas Students:* There were 356 overseas students (including 60 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Engineering 73, Science 67, Medicine 50, Economics 24, Arts 23, Architecture 20, Dentistry 19, Technology 14, Law 6, Social Studies 4, Science (Forestry) 3, Agricultural Science and Physical Education each 2, Music, Applied Science, Physiotherapy and Pharmacy each 1. Of the other 45 students, 42 were proceeding to the degrees of Ph.D. (22), M.E. (7), M.Sc. (5), M.Ag.Sc. (4), M.App.Sc. (2), M.A. and M.Arch., and the remaining three were taking subjects for courses at the South Australian Institute of Technology.

One hundred and forty-eight of these students came from Malaya, 86 from Singapore, 24 from Hong Kong, 18 from Indonesia, 14 from North Borneo, 9 each from Thailand and Vietnam, 8 each from New Zealand and Sarawak, 7 from the United States of America, 5 from South Africa, 3 from India, 2 each from Ceylon, Fiji, Sudan and the United Kingdom, and 1 each from Cambodia, Canada, Chile, Jamaica, Kenya, Macao, Pakistan, the Philippines and Zanzibar. Eighty-nine of them (including 38 from Malaya and 15 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.	
Ex-service Training Schemes * ..	3	2	1	1	—	—	7
Commonwealth Scholarship ..	651	32	—	253	23	—	959
Commonwealth Scholarship and Leaving Bursary ..	60	—	—	14	—	—	74
Commonwealth Scholarship and Leaving Honours Bursary ..	15	—	—	3	—	—	18
Commonwealth Scholarship and others .. .. .	42	3	—	5	1	—	51
Leaving Bursary .. .. .	64	1	—	10	—	—	75
Leaving Bursary and Teachers' College .. .. .	23	—	—	15	2	—	40
Leaving Honours Bursary ..	14	—	—	3	—	—	17
Leaving Honours Bursary and Teachers' College .. .. .	3	—	—	5	—	—	8
Teachers' College .. .. .	518	170	—	274	245	—	1,207
Education Department (teachers)	5	315	229	2	147	64	762
Colombo Plan .. .. .	55	14	—	10	1	—	80
S.A. Government Cadetship or Studentship .. .. .	93	11	—	5	1	—	110
Commonwealth Government Cadetship or Studentship ..	120	16	—	2	—	—	138
Others .. .. .	139	164	3	45	46	2	399
Total Assisted Students .. ..	1,805	728	233	647	466	66	3,945
Unassisted Students .. .. .	952	1,033	16	331	163	11	2,506
Total Students .. .. .	2,757	1,761	249	978	629	77	6,451

\*Commonwealth Reconstruction, Disabled Members and Widows, and Korea Malaya Training Schemes.

*Barr Smith Library:* The total number of volumes in the Library at the end of 1962 was 283,082, accessions for the year being 25,228 (including 740 catalogued pamphlets). 397 volumes were withdrawn during the year. In two years the number of annual accessions has more than doubled.

Students, graduates and academic staff borrowed for home reading 114,237 books (including 3,791 reserved books borrowed overnight and for week-ends). The corresponding total for 1961 was 107,899.

The number of external students in the Faculty of Arts who joined the Country Lending Section was 120 and they borrowed 683 volumes by post. The number of volumes lent to libraries in other States increased to 2,060. From these libraries the Barr Smith Library borrowed 583 volumes.

*Waite Institute Library:* The Library added 788 volumes and 42 pamphlets during 1962, making the total holdings 16,799 and 945, respectively.

*Evening Lectures:* Evening lectures were given in the following subjects: Biology, Chemistry I, Commercial Law A and B, Comparative Philology, Economics I and III, Economic Development I, Education, Educational Psychology II, English I and III, French I, General Physics, Geography I, II and III, Geology I, German III, History IA,

IIB, IIIA and IIIB, History of Pharmacy, Hygiene, Latin I, Management Accounting, Modern Languages III, Older German II, Philosophy I, Physics I, Politics I, IIB and IIIA, Psychology I, IA, IIB and IIIA, Public Finance, Social Economics, and Sociology.

*Department of Adult Education:* The Board of Adult Education conducted 52 Tutorial Classes and five Extension courses. Two classes were held in suburban areas and the remainder at the University. Three post-session lecture classes were held at the University and the Director was assisted by 112 part-time tutors.

The Eleventh Annual Summer School for adults (seven days) was held at St. Ann's College, as well as a Summer School of Painting and a Summer School of Drama. A third Spring School was held in the Flinders Ranges in September and a Spring School was also arranged in the Grampians in Victoria as a joint project with the Council of Adult Education of Victoria. Conferences, Seminars and Week-end Schools were held in Business Administration, Town Planning, International Affairs, Painting and Drama, History and Industrial Law. The Department shared in the organising of an Australian U.N.E.S.C.O. Conference on Playwriting.

Lectures were given in 10 country towns and centres during the year, including the annual series of lectures on Australian Literature arranged in co-operation with the Commonwealth Literary Fund. A discussion course on the United States was arranged in co-operation with the Country Women's Association and 16 groups within the branches of the Association participated. Courses were supplied for six other discussion groups. Music recitals were arranged in 18 country centres during the year and a travelling Art Exhibition was shown in 19 centres. Eighteen week-end schools, covering drama, art, literature, international affairs, physics, psychology, were arranged in country districts. Assistance was given to three groups in country districts engaged in the writing of local history.

Aggregate enrolments were as follows: classes arranged jointly with the Workers' Educational Association, plus University Extension Courses, 2,246; special schools and conferences, 1,250; discussion courses, 208.

*Public Examinations:* The following numbers of candidates entered for the Public Examinations: 1,586 at the Supplementary Leaving Examination in February; 12,988 at the Intermediate Examination in November; 8,765 at the Leaving Examination in November; 1,856 at the Leaving Honours Examination. These numbers maintain the rapid rate of increase experienced in recent years, the greatest relative increase in 1962 being in the number taking the Leaving Examination. The growth of the number of candidates for the Public Examinations since 1956 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. 1956-1962

	1956	1957	1958	1959	1960	1961	1962
Intermediate	- 6,211	6,811	7,684	8,910	9,967	11,577	12,988
Leaving	- 3,250	3,990	4,852	5,740	6,434	7,315	8,765
Leaving Honours	- 597	664	880	1,159	1,450	1,607	1,856

The examinations were held in country towns and districts at 70 permanent and 47 temporary centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 1,866 entries in theory and 3,516 in practice of music, 167 in musical perception, and 75 in speech and drama.

#### ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:  
At the Annual Commemoration Ceremony on April 7, 1962:

	Males	Females	Total
D.Litt. ( <i>ad eundem gradum</i> ) - - -	1	—	1
M.A. - - - - -	1	2	3
M.A. ( <i>ad eundem gradum</i> ) - - -	2	1	3
B.A. Honours - - - - -	12	14	26
B.A. - - - - -	29	37	66
B.Ag.Sc. Honours - - - - -	8	—	8
B.Ag.Sc. - - - - -	9	—	9
B.Ag.Sc. ( <i>ad eundem gradum</i> ) - - -	1	—	1
B.D.S. Honours - - - - -	1	—	1
B.D.S. - - - - -	5	2	7
B.D.S. ( <i>ad eundem gradum</i> ) - - -	2	—	2
B.Tech. - - - - -	57	—	57
B.App.Sc. - - - - -	2	—	2
Diploma in Education - - - - -	21	6	27
Diploma in Social Studies - - - -	4	2	6
Diploma in Pharmacy - - - - -	23	7	30

At the Annual Commemoration Ceremony on April 18, 1962:

M.D. - - - - -	4	—	4
M.S. - - - - -	1	—	1
M.B., B.S. - - - - -	42	8	50
M.B., B.S. ( <i>ad eundem gradum</i> ) - - -	1	1	2
B.Med.Sc. Honours - - - - -	5	—	5
M.E. - - - - -	6	—	6
M.E. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
B.E. Honours - - - - -	25	—	25
B.E. - - - - -	34	—	34
B.E. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
B.App.Sc. Honours - - - - -	1	—	1
M.Ec. - - - - -	1	—	1
B.Ec Honours - - - - -	6	1	7
B.Ec. - - - - -	32	—	32
B.Ec. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
Diploma in Public Administration - - -	2	—	2
Diploma in Arts and Education - - -	49	52	101

At the Annual Commemoration Ceremony on May 12, 1962:

D.Sc. - - - - -	1	—	1
M.Sc. - - - - -	7	1	8
M.Sc. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
B.Sc. Honours - - - - -	43	3	46

	Males	Females	Total
B.Sc. - - - - -	96	23	119
B.Sc. ( <i>ad eundem gradum</i> ) - - - - -	1	1	2
LL.M. - - - - -	1	—	1
LL.B. Honours - - - - -	2	—	2
LL.B. - - - - -	23	—	23
M.Arch. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
B.Arch. - - - - -	5	—	5
B.Arch. ( <i>ad eundem gradum</i> ) - - - - -	2	—	2
Mus.Bac. - - - - -	1	1	2
Ph.D. - - - - -	14	2	16
Ph.D. ( <i>ad eundem gradum</i> ) - - - - -	9	—	9
Diploma in Music - - - - -	1	5	6
Diploma in Physical Education - - - - -	2	5	7
Diploma in Physiotherapy - - - - -	—	16	16
<i>At the Meeting of the Council on June 29, 1962:</i>			
M.Sc. - - - - -	—	1	1
B.Sc. - - - - -	1	—	1
M.B., B.S. - - - - -	9	2	11
B.D.S. - - - - -	—	1	1
B.E. Honours - - - - -	3	—	3
B.E. - - - - -	1	—	1
B.Tech. - - - - -	2	—	2
Ph.D. - - - - -	—	1	1
Diploma in Arts and Education - - - - -	—	1	1
<i>At the Meeting of the Council on July 27, 1962:</i>			
M.B., B.S. ( <i>ad eundem gradum</i> ) - - - - -	1	—	1
<i>At the Meeting of the Council on December 14, 1962:</i>			
M.B., B.S. - - - - -	3	2	5
B.E. - - - - -	1	—	1
B.Tech. - - - - -	1	—	1
Ph.D. - - - - -	2	—	2

*Totals:* 45 candidates were admitted to higher degrees by examination or thesis, 16 were admitted to such degrees *ad eundem gradum*; 553 bachelor degrees were conferred by examination and 12 by admission *ad eundem gradum*; and 196 diplomas and 4 Final Certificates in Law were awarded.

#### 18. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1962 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 1962.

Signed on behalf of the Council,

G. C. LIGERTWOOD,

*Chancellor.*

Adelaide,  
28th June, 1963.

## COMMEMORATION ADDRESSES, 1963

The Annual Commemoration ceremonies were held on April 6 and 24 and May 11, 1963.

In opening the proceedings on April 6, the Chancellor, the Hon. Sir George Ligertwood, said:

The story of the University is still one of expansion. The demands of administration have become so great that at the end of last year Professor Sir Mark Mitchell became the full-time Deputy Vice-Chancellor, resigning from the Chair of Biochemistry which he had occupied with distinction for 25 years. During the latter half of that period he had been called more and more into general administration, and in 1951 was appointed Deputy Vice-Chancellor to carry out the duties of that office in addition to those of his Chair. Now as a full-time Deputy he will be able to give very valuable assistance to the Vice-Chancellor. In recognition of Sir Mark's services to the University in the Chair of Biochemistry, the Council has conferred upon him the title of Professor Emeritus.

The Vice-Chancellor is at present overseas on our affairs, including the representation of this University at the Congress in London of the Association of the Universities of the British Commonwealth. Also, he will visit most of the universities in the United Kingdom and some on the Continent, to fraternise with his confreres to keep abreast of academic development and to spy out the land for possible recruits to our own staff.

When I addressed the Commemoration Ceremony in May of last year, Sir Mark's father, Sir William Mitchell, was still with us at the age of 101. I referred briefly to his services to the University as its former Chancellor and Vice-Chancellor. Sir William has since died, namely on the 24th June, 1962. It is fitting on this occasion, the first Commemoration after his death, that there should be a more extended reference to his career.

He was born at Inveravon, Bannfshire, Scotland, on the 27th March, 1861. He graduated Master of Arts in Philosophy at Edinburgh University. Before coming to South Australia he held a number of academic appointments in Scotland and England, first as lecturer in Ethics at his own university, then as lecturer in Education at University College, London, and afterwards as examiner in Philosophy at Edinburgh and examiner in Theory of Education at Cambridge.

In 1894 he was appointed the Hughes Professor of English Language and Literature and Mental and Moral Philosophy at our University and he occupied that Chair until 1922 when he was made Professor Emeritus. For historical reasons the Hughes Chair was a composite one but Sir William's school was Mental and Moral Philosophy, other Professors taking over English Language and Literature. His work and studies in Philosophy earned him a high place among the distinguished philosophers of his day. His book *The Structure and Growth of the Mind*, which he published in 1907, received unstinted praise from the philosophical critics and was described as "undoubtedly one of the most important philosophical publications of recent years".

In 1925 he received the high honour of being invited to deliver the Gifford Lectures in Philosophy at the University of Aberdeen. Similarly in 1929 he delivered the Macrossan Lectures in the University of Queensland and in 1935 the British Academy Henrietta Herz Lecture in London. Out of these series of lectures came three more of his important writings, namely, *The Place of Minds in the World, Nature and Feeling* and *The Quality of Life*.

I have stressed Sir William's achievements as a philosopher because they marked him as a giant among the intellectuals and they established for him a wide reputation among scholars. These qualities proved most important when he came to play his part in administering our University, for it is as an administrator and particularly as Vice-Chancellor, that Sir William will be best remembered among us.

He was elected a member of the Council in 1896, and remained a member for the next 52 years. In 1916 he was elected Vice-Chancellor and he held that office until 1942, when he was made Chancellor. He retired in 1947.

His intellectual power and his deep understanding of the ultimate aims of education made him a most influential member of the Council and its two main committees. It has been said by some that he dominated the University, but that is not a correct description of his relationship to those who worked with him and under him. In any case they were not people who were open to domination. He was no "high-powered executive". He was a leader with clear-cut ideas of what a University should mean, and if others deferred to him it was because they realised that his educational policies were soundly based and that his judgements were right.

As an educationist he gave authoritative guidance to the Education Committee on matters of policy and development and through his high standing in the scholastic world he was able to attract distinguished men to the professorial chairs.

He exercised a parallel influence in the Finance Committee because he had the oversight of the spending of the income of the University. His task was difficult in that he had to work within straightened resources. To highlight the position — when he retired as Chancellor in 1947, the annual running costs of the University were £300,000, of which £100,000 came from Government grants. Today, only 16 years later, those running costs are £3,000,000 with more than £2,500,000 coming from Government grants.

Thus during Sir William's regime there had to be a high note of economy. The salaries of Professors were moderate. The teaching load was heavy. Lecturers were proportionately few in number. And yet the Chairs continued to be filled with men of distinction, who maintained the high reputation of the University throughout the years.

It is impossible in a brief address to refer in detail to Sir William's work as Vice-Chancellor and Chancellor, but mention may be made of three critical points in the expansion and development of the University, upon which he impressed his organising influence and the effects of which are still with us. The first of those points was the foundation of the Waite Institute in 1924; the second was the acquisition and development of the lower level land fronting the Victoria Drive in 1927-1929; and the third was the Commonwealth Reconstruction Training Scheme inaugurated in 1945.

Each of these events had a lasting impact upon the interest of the general public in the University; particularly the Waite Institute and the Reconstruction Training Scheme and to a lesser extent the acquisition and development of the lower level land.

The Waite Institute created for us a world-wide reputation as a centre of agricultural research; locally it captured the interest and support of the primary producers — the woolgrowers, the farmers, the fruitgrowers and others.

So long as we were confined to the 5 acres fronting North Terrace, there were only limited external features to interest the public in the University. But with the acquisition of the 22 acres fronting Victoria Drive, the picture was different. New Buildings sprang up, and were surrounded by gardens; departments were transferred and new departments were created. The public could literally see the University expanding. With the opening of a pedestrian way from the Waite Bridge over the Torrens through the University grounds to North Terrace, they could hardly fail to feel that the institution belonged to the citizens.

The Commonwealth Reconstruction Training Scheme was initiated for the purpose of providing free university courses for returned service men and service women. Sir William, who by this time was Chancellor, threw this University whole-heartedly behind the scheme. With other post-war enrolments our student numbers were suddenly doubled. The staff rose splendidly to the occasion. The war had depleted their numbers by enlistment and by the seconding of specialists for national work. Many former members did not return. Replacements and new positions were difficult to fill. The staff, however, not only managed to cope with the added teaching load, but also kept alive the spirit of research which is essential to good university teaching.

To cope with the Reconstruction Training Scheme, Sir William used his persuasive powers to obtain grants direct from the Commonwealth first for additional staff, and secondly under guarantee from the State Government for the construction of a number of new buildings to accommodate the expanded courses and classes. This was a real turning point in the relation of the Federal Government to the University, involving as it did a recognition that there must be money from the Commonwealth in aid of university expansion. Step by step and supercharged by the critical report of the Sir Keith Murray Committee, it has led to the Australian Universities Commission whose function it is to advise upon the moneys which the States out of their own resources and out of grants made to them by the Commonwealth should make available for capital expenditure and for the annual running costs of their universities.

When Sir William retired as Chancellor he left a well organised university provided with good permanent buildings and laboratories, staffed by a devoted and distinguished, if limited, body of professors and lecturers, and geared to take advantage of the expansion common to all Australian universities which occurred in the succeeding decade. That expansion I described in my address last year when I paid a tribute to the Chancellorship of Sir Mellis Napier and to the work of his two Vice-Chancellors, Dr. A. P. Rowe and Mr. Basten. For

further details of the expansion reference may be made to the eulogy of Dr. Rowe's Vice-Chancellorship contained in Sir Mellis' Commemoration address of March, 1958.

There has been no slowing down of the expansion during the past year. The building programme which followed the Report of Sir Keith Murray's Committee will, we hope, be completed this year. The programme will have cost £3,000,000 of capital moneys. Student numbers for 1963 have reached 7,000. It is estimated that by the beginning of 1966 the figure will be well in excess of 8,000 and that it will be impossible to accommodate more than that number in the existing buildings. There is no room for further building, nor will the faculties be able conveniently to handle many more than 8,000 students.

It has, therefore, been necessary to look ahead. The Government of South Australia has come to our aid by giving us an area of 370 acres on the foothills at Bedford Park. According to expert architectural opinion it is a magnificent site for a new branch of an expanding university. It lies along the main South Road 6½ miles from Adelaide.

Our aim is that the new branch should be able to open its doors to students at the beginning of 1966, the year in which as I have said, North Terrace will reach its limit. We have adopted a four-year plan for the development of the project to the end of 1966.

Professor Karmel has been appointed the Principal-Designate of the Bedford Park Branch, with the general oversight of all aspects of the undertaking, both academic and constructional.

Taking the academic side—in the first instance there will be a school of Language and Literature, a school of the Social Sciences (e.g. History, Economics and Philosophy), a school of the Physical Sciences (e.g. Physics and Chemistry), and an integrated school of the Biological Sciences. An important adjunct to these four schools will be the library. We have advertised for six professors and for a librarian. Two of the six professors and the librarian have already been appointed. The aim is that the professors will start as soon as possible on the organisation of their schools and in addition will be on hand for consultation with the architects in the internal planning of the academic buildings.

We have been fortunate in securing the services of Professor Gordon Stephenson of the University of Western Australia as Planning Consultant. Professor Stephenson is a distinguished architectural planner with experience in town and university planning. Mr. Harrison, who had been Staff Architect for North Terrace from 1959, has been appointed Staff Architect for Bedford Park. Professor Stephenson and Mr. Harrison have submitted to the Council preliminary plans for the overall layout of the property; for the location of the buildings and the playing fields; for the provision of roads and ways; and for the supply, in consultation with the relevant public authorities, of services such as water, gas, electricity, telephones and so on.

Messrs. Hassell and McConnell have been appointed Architects for the design and erection of the buildings in the first stage which will include the library and the academic accommodation and laboratories for the four schools. The site planners and the architects will consult together to see that the buildings both in design and material harmon-

ise with one another and with their natural environment. They will be so constructed as to facilitate additions as the schools expand with the years.

There will be halls of residence for the students provided by the University and possibly residential colleges founded by one or more of the denominations. Some tree planting under the supervision of the site planners will commence after the autumn rains. We have advertised for a head groundsman and curator of the property.

Each stage of the four-year plan has been carefully demarcated towards its fulfilment by the end of 1966. At the beginning of that year, however, we plan to open with 500 students to commence their first year courses, to which will be added second and third year courses in succeeding years. It is expected that from the commencement there will be some honours and higher degree students.

Bedford Park will provide courses in the Arts and Science disciplines parallel with those running at North Terrace. The aim is to establish fresh schools with their own professors, lecturers and other staff to take care of the rising population of university students. It will be a new branch of the university and in all respects, faculties, staff, and students will be subject to the Council.

The Bedford Park expansion is proving itself to be a most exciting project and we feel that it will interest the public as much as those who are charged with the government of the University.

The story of our institution since World War II has been one of rapid and extraordinary expansion. What I have endeavoured to shew is that the foundation or kernel of that expansion is to be found in the work of Sir William Mitchell. So soundly was it based that an overseas member of the Murray Committee was able to say that in the true essence of what a university meant he thought Adelaide was pre-eminent in Australia. The duty of preserving the image created by Sir William has remained and still remains with those who have followed him.

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In opening the proceedings on April 24, the Acting Vice-Chancellor, Professor Sir Mark L. Mitchell, said:

Mr. Chancellor, Mr. Warden, Honourable Minister, My Lord Mayor, Your Honours, Members of the Council and Senate of the University, Ladies and Gentlemen: I should like to begin by extending a warm welcome to all who are in the Hall this afternoon.

The year 1962 was a very active one in the University for several reasons, but particularly in regard to preparations for development on the new site at Bedford Park. The heaviest burden here fell upon the Principal-Designate, Professor Karmel, and under his able direction plans have developed most efficiently. Many others, of course, have had to share in this important task. In giving this report on last year's happenings, however, I shall make no further reference to those events, including an account of plans for Bedford Park, which were very properly included in the Chancellor's address at the first Commemoration on April 6.

There have been some changes in the membership of the University Council. Sir Archibald Grenfell Price is no longer a member; but the whole University is delighted that the honour of knighthood was conferred upon him in the New Year. He had been a member of the Council since 1925, was the Master of St. Mark's College from its inception in 1925 until 1957 and gave invaluable service to the University on some of its most vital committees and in many other ways. His main preoccupation in recent years has been as Chairman of the National Library but we are fortunate that he is still a member of our Faculty of Arts and of various other University committees. We are to have the great pleasure of hearing an address from him at the last of this year's Commemorations on May 11.

The Hon. Sir Frank Perry has also ceased to be a parliamentary member of the Council, on which he served since 1949. For almost all that period he was also on the Finance Committee. We are deeply indebted to him for wise and practical advice and he will be greatly missed.

The new members of the Council are the Hon. F. J. Potter and Professor E. S. Barnes. The former, a new parliamentary member, is a graduate of this University in both Law and Arts. Professor Barnes has been the Elder Professor of Pure Mathematics since 1959. He is a member of the Council of the Australian Academy of Science and is President of the Australian Mathematical Society. We hope that these two new members will find their association with the Council of much interest as we are sure that we shall benefit greatly from their help.

Dr. R. G. Willoughby has been re-elected as Warden of the Senate, a post which he has held since 1960. The first Standing Committee of the Senate has been elected and is charged with the duty of helping to interpret for the Senate the University legislation which is put before it.

It is to be expected that, from time to time, members of our staff will resign to accept senior posts elsewhere. Among the resignations in 1962 were the following: Professor Norval Morris, who had held the Bonython Chair of Laws since 1958, is now in Tokyo as Director of the United Nations' Asia and Far East Institute for the Prevention of Crime. Professor E. C. R. Spooner, Professor of Mining, Metallurgical and Chemical Engineering and Director of the Bonython Laboratories in the South Australian Institute of Technology since 1947, has resigned to enter private practice. Dr. R. G. Barden, Reader in Mechanical Engineering, who was with our Department for 10 years, has become Professor of that subject in Monash University. Mr. C. F. Presley, for several years a senior lecturer in our Department of Philosophy, has been appointed to the Chair of Philosophy in the University of Queensland. Dr. J. P. Quirk, Reader in Soil Science at the Waite Institute since 1956, is now Professor of Soil Science in the University of Western Australia; and Dr. K. S. Inglis has accepted the post of Associate Professor of History in the School of General Studies of the Australian National University after being in the Adelaide Department since 1956.

All these former colleagues carry with them our best wishes for their new spheres of activity; and this applies equally to Dr. F. Lippay who retired from his Readership in Human Physiology after 24 years of devoted service to the University.

I must record, with great regret, the deaths in 1962 of all too many people who had been most actively connected with the University. Mr. Andrew Fairweather was a member of the University Council and of its Finance Committee for eight years starting in 1947. Mr. R. M. Steele had been a University auditor for 41 years; and Mr. J. G. Duncan Hughes was a descendant of Mr. Walter Watson Hughes, one of the University's foundation benefactors. Sir Ronald Fisher, one of the world's leading statisticians, came to live in Adelaide in 1960 and immediately associated himself with the work of the University, lecturing to students in statistics and genetics and freely making himself available for consultation by members of the staff. We had conferred the degree of Doctor of Science *ad eundem gradum* on this distinguished scientist in the previous year, and the Council has agreed to establish a fund to commemorate Sir Ronald's name by the provision of postgraduate scholarships in those disciplines. Canon K. J. F. Bickersteth was a member of our Council for twelve years from 1921. He was a principal founder of St. Mark's College and revisited Adelaide only three years ago to lay the foundation stone of the Archibald Grenfell Price dining hall at that College. At the time of his death he was a Canon of Canterbury Cathedral and Archdeacon of Maidstone.

Unhappily, this is by no means a complete list of the losses we have suffered and, in addition, I must express the great sorrow of the whole University at the death, only a few days ago, of Dr. F. Ray Hone — a beloved physician and elder statesman of the medical profession to whom the University owes an outstanding debt for his interest and guidance over so many years, not only in the affairs of the Medical School but in the wider aspects of general university education and development. We mourn him deeply and extend sincere sympathy to all his family.

During 1962, nine new professors were appointed, though some of these did not actually take up their duties until the beginning of this year. Professor Andrewartha succeeded Professor Rogers, who was appointed to a Personal Chair in Parasitology, as Professor of Zoology. Professor Browning, formerly on the staff of the Zoology Department, now occupies the Waite Chair of Entomology which had been vacant since the death of Professor Davidson in 1945. Professor Coghlan is our first professor of German. Formerly a senior lecturer in the Adelaide Department he now returns to us from the Chair of German in the University of New England. Professor Lydall, formerly the first professor of Commerce in the University of Western Australia, has been appointed to the George Collin Chair in Economics in succession to Professor Karmel, who, as you know, is the Principal-Designate of the new institution at Bedford Park. The Chair of Biochemistry, which became vacant towards the end of 1962 has been filled by Professor Morton, formerly the Waite Professor of Agricultural Chemistry. Professor Tait has succeeded Professor Spooner in the Chair of Chemical Engineering, which is the new, simplified title of

what was formerly called the Chair of Mining, Metallurgical and Chemical Engineering. Professor Tait, a graduate of the Universities of Edinburgh and Birmingham has been on the staff of the department here for about 12 years. The new Chair of Mental Health, the establishment of which was enabled by substantial financial support afforded by the South Australian Association for Mental Health, has been filled, on a part-time basis, by Professor Cramond who is also State Director of Mental Health. Professor O'Connell, Reader in Law since 1953, has been appointed to a Personal Chair in International Law, a field in which he has achieved great distinction. A Personal Chair in Microbiology has been created for Professor Mackness. Originally a Sydney graduate and after considerable overseas experience (including seven years with Sir Howard Florey at Oxford) he comes to us from a Readership in Experimental Pathology at the Australian National University.

For those I have named who are new to Adelaide we wish that they may find conditions eminently to their satisfaction, both within and without the University; and for those who have been our colleagues longer we wish that their new responsibilities may prove stimulating and attractive. The strength of our professorial body is certainly much enhanced by these new appointments.

Many members of our staff were invited to attend symposia or to deliver special lectures in other States or overseas, or have been appointed to important committees or councils associated with their particular disciplines. The distinctions to which I would wish to make specific reference are: Professor Rudd had conferred upon him the Matson award of the American Association of Petroleum Geologists. This is the first time that the award has been made to anyone outside the United States. The Commonwealth Government appointed Professor Karmel to both the Committee of Economic Enquiry and the Manufacturing Industries Advisory Council; and Professor R. N. Robertson, already a Fellow of the Royal Society of London was elected a Foreign Associate of the United States National Academy of Sciences. The title of Professor Emeritus was conferred on Professor T. G. B. Osborn. This coincided with the fiftieth anniversary of our Department of Botany of which he was the first Professor. He resigned the Adelaide Chair in 1928 to become Professor of Botany in Sydney and was later the Sherardian Professor of Botany at the University of Oxford. We are happy that he has been back with us for several years and is still working in the Department of Botany.

Two changes have occurred at the Colleges affiliated with the University. Miss K. Deasey has been appointed Principal of St. Ann's College in succession to Miss L. Bush; and Father Buxton has become Rector of Aquinas College in place of Father Michael Scott.

For the Ninth Quinquennial Congress of the Association of Universities of the British Commonwealth, to be held in London this year, the University appointed as its delegates the Vice-Chancellor, Professor Robson, Professor Trevaskis and Dr. R. T. W. Reid.

To anyone who has walked around the University grounds it will be clear that striking progress has been made in the building programme. Two new floors and a large, external lecture theatre are

nearing completion in the Biological Sciences building on Frome Road. The Physical and Inorganic Chemistry building on Kintore Avenue is also well advanced. Extensive alterations and extensions have been made to the Engineering block and to the Union buildings. Work has started on the final stage of the Napier building, which will replace the old Exhibition building, now partly demolished, on North Terrace; and the new unit for Physical Education on Mackinnon Parade is beginning to take shape. In addition, we have started on a general programme of site improvement as evidenced, for example, in the areas north of the Barr Smith Library and between the University and the National Gallery.

We must record once again our gratitude to the Government for its understanding of our needs and for enabling us to implement fully the recommendations of the Australian Universities Commission. In his address at the first Commemoration this year the Chancellor referred to the revolution in University finances which has taken place since the Second World War. The great bulk of the costs of universities must inevitably now fall on Governments. Nevertheless, we are happy to report that very substantial contributions in gifts, grants and bequests continue to be made by Australian and overseas Foundations, as well as by private bequests. From such bodies as the United States Public Health Service, the Rockefeller Foundation, the Nuffield Foundation and the Commonwealth Reserve Bank—to name only four—we were given in 1962 a total of over £232,000. Among the numerous private gifts and endowments I should like especially to mention the endowment by the late Mrs. Dora Holdsworth of £35,000 for medical research, and the gift of £15,000 from Sir Tom Barr Smith for the establishment of the Lady Barr Smith Scholarship for Cancer Research.

To those generous benefactors, both private individuals and institutions, we wish to express our deep gratitude no less than to the Government.

The members of the Australian Universities Commission visited Adelaide twice during 1962. In May they came mainly to discuss the University's plans about Bedford Park and in October primarily to discuss our proposals for the next triennium, covering the years 1964-1966. We had hoped that the Commission's report would be released in the first quarter of 1963. That we are not yet aware of the findings is causing some difficulty in our planning, but little anxiety since we believe that our case is a very strong one. We have no doubt that our University will be able to continue the service to the community for which it is noted and to maintain its high reputation among the Universities of the British Commonwealth.

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At the ceremony on May 11, the Chancellor welcomed His Excellency the Governor and Lady Bastyan and then invited Sir Archibald Grenfell Price to address the congregation. Sir Grenfell said: Your Excellency and Lady Bastyan, Mr. Chancellor, Mr. Deputy Vice-Chancellor, Mr. Warden, and Members and Friends of the University:

I appreciate greatly this invitation to address you after thirty-seven years of most happy service on the Council, during which the Univer-

sity has been translated from a tiny glow worm on North Terrace to a resplendent butterfly with wings stretching out northwards to the four residential colleges and southwards to the Waite Institute and Bedford Park.

I thank you Mr. Chancellor for your most generous references to me. I have indeed been very, very fortunate, for the community in general, and even academic people, tend rather to discount the practical achievements of University folk, such as those who helped to found our residential colleges. Also as Kipling wrote, we live in "a backward gazing world," and we are apt to say how wonderful our University must have been when it contained men such as Lamb or Stirling or Bragg. Even in my generation many of us saw Sir Douglas Mawson almost every day. We believed that we knew him intimately. Yet not until his death, when Lady Mawson released the B.A.N.Z.A.R.E. papers, and the Russians published their appreciation, did we realise that this modest man, who never spoke of his own achievements, had won for the Commonwealth an Antarctic territory nearly as large as Australia, and, in all probability, had made a greater contribution to the scientific exploration of the seventh continent than had Shackleton or Amundsen or Scott. Under the leadership of the present Chancellor, Adelaide has now helped to win him more adequate honours by suggesting that the Federal Government should name, as it has named, a Mawson coast; and by our University establishing a Mawson Antarctic Research Institute. One hopes that the coming generations of South Australians will enable this Institute to maintain a steady stream of contributions to the continuation of Sir Douglas' great work.

The failure to recognise the outstanding achievements of University people continues even today. Do we really appreciate the far-sighted contributions of those members of the University, who gave Adelaide, South Australia, and the Commonwealth, a new and splendid place in the world of culture by making possible our superb Festival of Arts? Do we really appreciate the far-sighted contributions of the members who year after year fought what Edward Gibbon Wakefield once termed "the judgements of ignorance, the insults of pride and the delays of idleness" to prove that there was commercial oil in the Commonwealth?

May I now join in expressing congratulations and good wishes to those who are about to receive their degrees. Today one hears a great deal of misplaced pity for young people, on the grounds of their alleged insecurity. Of course they are insecure, but so were previous generations. The University youth of my day was, in many cases, almost decimated in the First World War. The succeeding generation faced the second holocaust. In the interval came a world-wide economic depression. History has produced many generations that were insecure, but progress comes through the meeting and defeat of recurring challenges, and I have seen enough of Australian youth over many years to know that this generation will respond to any new challenge as readily and as bravely as their predecessors who faced the tremendous difficulties of the last fifty years.

And you young people are fortunate indeed that you are leaving this academic shelter to assist in the solution of some thrilling and

absorbing problems. It is a truism to state that the most dangerous foes of human civilisation are the physicists and mathematicians because mankind is misusing their great gifts. Few people realise, however, that the medical scientists are equally dangerous because civilisation is failing to adjust itself to their benefactions. When the Rockefeller Foundation asked my opinion of their campaigns against malaria, pellagra and hookworm in the Caribbean I replied that in ten years the Foundation would be spending more money in dealing with the social results of its successes than in dealing with disease itself. Only five years later my contacts in the Foundation admitted sadly that the prediction was proving correct.

Perhaps the greatest of all world problems is that of the population increase which medical science is creating, a problem which gravely menaces us from the Near North, and which has already caused one major conflict in the Pacific. In this connection one hopes that Bedford Park will follow the National Library and National University in studying the languages, histories and cultures of the Asian peoples to our North. We have already some 40,000 books in Chinese and Japanese in the National Library, and languages such as Thai, Malayan and Burmese are coming to the front. Difficulties such as cataloguing are of course immense, and one has a very high respect for our Australian scholars who are working in various Asian fields. Altogether it is thrilling to share in the building up of a great National Library, which we plan to develop like the British Museum or the Library of Congress so that it will ultimately contain some 12,000,000 books. It is also a great satisfaction to be helping to establish the young but essential profession of librarianship.

The growth of population also affects us at home in many ways. One is the increased length of life, which is already apparent in the working world, including the Universities. Under this heading the male academic age of retirement seems to be advancing to an optional 67, while the age of retirement for people such as Company Directors is being defined as 72, with provisions for extension. One problem is that individuals differ. Some people need not go until they are 70 or even more. Others should retire at 60, and a few before they enter academic life at all.

During January Sir Stanton Hicks gave a very fine broadcast, in which he strongly condemned the Australian people for disregarding medical progress by casting into what he termed "the litter of heart-breaking unemployment" perfectly capable people, who, according to statistics, often became dispirited hospital cases and burdens on the public. During my final session on the Council a few of us gained some slight concessions for the still active and employable women whom we have been retiring from our library at the now obsolescent age of sixty although their expectation of life is longer than that of men.

This leads to another outstanding problem which youth must face, the whole question of the University employment of women which is greatly worrying the Americans because the number of women in what they call their university colleges has quadrupled since 1920. A recent Carnegie pamphlet says that American women are marrying

younger, having their families younger and having more children. The report continues, "By the time she is 30 many a bright healthy woman has all her children in school and looks forward to at least four more decades of vigorous life." Such women can gain University degrees and experience before marriage, and later return to useful academic life.

This subject is also beginning to interest authorities in Australia where some Universities seem to have dealt rather hardly with women, and not only in regard to age. It is surely strange that it was not until this year that a woman gained a full professorship with full responsibility as Head of a Department. I asked some leading women in East Australian universities to account for this. One thought that Australian university women were reluctant to fight for their rights. Another felt that the universities were still employing too few women for them to carry any weight. Nevertheless, Norman MacKenzie in his recent and important book, "Women in Australia," considers that "The majority of women who graduate seem to give a good return on the time, money and effort invested in them at the university." Further research is necessary. Some men say that chairs and cradles are incompatible. Others that academic women tire more quickly than men. Others again that women avoid outstanding responsibility. Here is the challenge for women to take up.

I would like to conclude these remarks with a few comments on past progress and future prospects. It is in many ways a revelation to read today the speech which Bishop Short, the first Vice-Chancellor, made at the opening of the University on April 25th, 1876, after death had suddenly claimed the first Chancellor Sir Richard Hanson—a Wakefield coloniser and a philosopher of world status. Most of Short's speech now reads strangely. The great pioneer Bishop quoted extensively from Virgil and other classical writers whom he claimed as old acquaintances. He stated that he was not hostile to the University because it would contain no Chair of Theology, natural or revealed. Indeed he was persuaded that the subjects which were to be studied would supply spiritual yearnings over and above material knowledge. "That poetic fire," he said, "can never satisfy itself with the carnal and earthly, but must rise to the spiritual and heavenly in all that is lovely and of good report, and whatever be of virtue and of praise."

Scholarly as was this address Short came down to earth to initiate the long battle for funds when he said, "Shall the names of Hughes, Elder and Angas stand nearly alone on the list of founders and benefactors? We want at least £5,000 to lay the foundations, and to commence the necessary class and other rooms on the convenient site granted on the Park Lands opposite Pultney Street."

During the following fifty years the struggle for money must have been desperate. Sir William Mitchell said that as late as the nineteen-twenties he was forced to accept the resignation of a world famous scientist because the University could not afford an additional £50 a year. When in 1925 I became, in my early thirties,

a member of the Council, the University possessed on North Terrace only a few acres with what is now the Administration Building, the Elder Hall and Conservatorium, the Anatomy School, which has become the staff club, and some wooden buildings housing Departments such as Chemistry. The Council had recently rejected a move to eighty acres at Parkside where there was more accommodation than in North Terrace, but it had just accepted the magnificent gift of the Waite Institute, upon which, to quote Miss Lily Waite, a bevy of elderly and lugubrious councillors had descended to make a pessimistic examination of what some of them feared might prove to be a white elephant.

From 1926, however, came a great outburst of progress. On April 30th junior members of the Council suggested a deputation to the Government, who gave us first the lower, and later the eastern land, which contained the Jubilee oval, the show grounds, the Exhibition Building and a popular out-of-doors theatre. On the eastern side we placed the Bonython Hall on the axis of Pulteney Street as a link between Sir Langdon Bonython's great services to the University and to the School of Mines; and on the lower level we placed, largely through Sir William Mitchell's uncanny gift of securing building funds from the Governments, a mass of departments and facilities which included the generous gift of the Barr Smith Library, the heart of University life. Meanwhile Sir Walter Young, Professor A. E. V. Richardson, and their successors, made the Waite Institute world famous.

Also from 1925 the founders of our University colleges courageously answered the challenge that alone of Australian States South Australia had given her University no land for colleges—a neglect which was to some extent remedied partly by the churches, partly by private generosity, partly by Federal and State assistance, and now by the State granting the Bedford Park site, which will provide room for residential houses. One advance inspired others. The founding of St. Mark's undoubtedly promoted the successful appeal for an adequate union. The founding of an Anglican College aroused other churches, while the movement to establish St. Ann's originated in my wife's drawing room at St. Mark's. There were, of course, a few grave errors. We missed the chance to found a School of Forestry, and a majority of the University Council rejected by 12 votes to 5 an official offer of State financial aid, which would have saved the Presbyterian College of St. Andrew's and put St. Mark's and later colleges comfortably on their feet. The loss of St. Andrew's, a magnificent property actually adjoining the Waite Institute, was, as a few of us realised, so tragic that the Church of England and St. Mark's actually offered the Presbyterians a joint St. Mark's-St. Andrew's College until St. Andrew's could be re-established. On the whole, however, future historians must pay no mean tribute to the Chancellors, Vice-Chancellors and Councils who carried the burden of this splendid physical and academic growth.

The University now faces a challenge for continued advance in many spheres. Perhaps, the progress on North Terrace will mainly

consist of consolidating great achievements. The University may require an up-to-date constitution on Melbourne lines if pressure groups destroy those unwritten conventions which have made the Council so well balanced, so happy, and so efficient in the past.

On the contrary the development of Bedford Park, with the aid of the Universities Commission, may well be spectacular. A very prominent educationist said recently that, in his opinion, Bedford provided the outstanding challenge of our new University institutions. On the one hand it can evolve as an example of dull mediocrity. On the other it can follow in the steps of the lovely University of British Columbia on its superb coastal site.

Bedford offers us many fascinating problems. For example, will the churches apply for land to repeat their splendid efforts in developing residential colleges or will they simply seek a comparatively small area for a combined religious centre? The point is that if they desire to promote Christianity amongst students, who in twenty years will be as numerous as those now in the University of Adelaide, they must act together and in the very near future. Then again amongst the buildings which are being planned is a library which will be what the Queen recently called "the centre of university life," and to which a very capable Chief Librarian has already been appointed from Canberra. Starting from *de novo* this library will need every possible aid, and for this, and for many other objectives, we must all make strenuous efforts to help Professor Karmel and his team in their great pioneering adventure.

Now that the University has climbed upon the Federal and State financial band waggons, perhaps at the price of some of the freedom which comes from private enterprise, the financial problems may be less acute, but many challenges will remain for coming generations to meet. Our warmest hopes and good wishes are with those fortunate young people to whom we can say, "To you from failing hands we throw the torch, be yours to hold it high." Our hearts go out to those who will travel further and see the fuller light.

## BIBLIOGRAPHY FOR 1962

## OF PUBLICATIONS BY

## MEMBERS OF THE UNIVERSITY STAFF AND RESEARCH WORKERS

- ABBIE, ANDREW ARTHUR, M.D., D.Sc. (Syd.), Ph.D.(Lond.), F.R.A.I., F.R.A.C.P., Elder Professor of Anatomy and Histology.  
Aboriginal blood pressures at Beswick, south-western Arnhem Land, and correlation with physical dimensions (*with* R. van Dongen and V. Davivongs). *Med. jour. of Aust. II* (1962), 286-289.  
Comment on:  
Racial analysis of human populations in relation to their ethnogenesis, by A. Wiercinski, and Some possibilities for estimating inter-population relationship on the basis of continuous traits, by T. Bielicki. *Current anthrop.* 3 (1962), 20-21.
- ALDERMAN, ARTHUR RICHARD, Ph.D. (Camb.), D.Sc., F.G.S., Professor of Geology and Mineralogy.  
Occurrence of magnesite-dolomite sediments in South Australia (*with* C. C. von der Borch). *Nature* 192 (1961), 861.
- ARNOLD, LOUISE MERZ, A.B. (N. Carol.), Ph.D. (Corn.), Tutor, Department of Social Studies.  
How to measure patient-centred service. *The modern hospital*, Aug. 1962.
- ATKINSON, MAURICE RAYMOND, Ph.D. (Tas.), Lecturer in Agricultural Biochemistry, Waite Agricultural Research Institute.  
Multiple forms of flavoprotein oxidoreductases from heart-muscle particles (*with* M. Dixon and J. M. Thornber). *Biochem. jour.* 82 (1962), 29.  
Nicotinamide 6-mercaptopurine dinucleotide and related compounds: potential sources of 6-mercaptopurine nucleotide in chemotherapy (*with* J. F. Jackson, R. K. Morton and A. W. Murray). *Nature* 196 (1962), 35-36.
- AUZINS, IEVA, Research Student, Department of Microbiology.  
On the question of the specificity of cellular immunity (*with* D. Rowley). *Aust. jour. of exp. biol. and med. sci.* 40 (1962), 283.
- BADGER, GEOFFREY MALCOLM, M.Sc. (Melb.), Ph.D. (Lond.), D.Sc. (Glas.), F.R.I.C., F.R.A.C.I., F.A.A., Professor of Organic Chemistry.  
The chemical basis of carcinogenic activity. 82 p. Springfield, U.S.A., C. C. Thomas. (American lectures in living chemistry.)  
The Desulphurisation reaction. Venkataraman sixtieth jubilee volume. Academic Press (1962), 629-640.  
The mode of formation of carcinogens in human environment. *Nat. cancer inst. monogr.* 9, 1-16.  
Polynuclear heterocyclic systems. Part XIV. Indoloquinolines (*with* P. J. Nelson). *Chem. soc. jour.* (1962), 3926-3931.  
Porphyrins. Part I. Intramolecular hydrogen bonding in pyromethenes and porphyrins (*with* R. L. N. Harris, R. A. Jones and J. M. Sasse). *Chem. soc. jour.* (1962), 4329-4337.  
The synthesis of polycyclic aromatic hydrocarbons. Part II. Optical rotatory dispersion studies of 1,1'-bianthryls (*with* R. J. Drewer and G. E. Lewis). *Chem. soc. jour.* (1962), 4268-4271.  
Synthetical applications of activated metal catalysts. Part XIII. The desulphurisation of 2,7-dihydro-3,4-5,6-dibenzothiophen (*with* P. Cheuychit and W. H. F. Sasse). *Chem. soc. jour.* (1962), 3235-3240.  
Synthetical applications of activated metal catalysts. Part XIV. The desulphurisation of carbinols derived from thiophen (*with* P. Cheuychit and W. H. F. Sasse). *Chem. soc. jour.* (1962), 4268-4271.
- BARLEY, KEITH PERCIVAL JOHN, M.Agr.Sc. (Melb.), Senior Lecturer in Agronomy, Waite Agricultural Research Institute.  
The effects of mechanical stress on the growth of roots. *Jour. of exp. bot.* 13 (1962), 95-110.  
The influence of soil strength on the growth of roots. *Proc. of 3rd Aust. conf. on soil sci.* 1 (1962).

- BELL, ROGER ALISTAIR, B.Sc. (Melb.), Ph.D. (A.N.U.), Lecturer in Physics.  
Observations of some southern white dwarfs. *Observatory* 82 (1962), 68-71.
- BELL, THOMAS NORMAN, Ph.D. (Durh.), Lecturer in Inorganic Chemistry.  
The photochemical addition of hydrogen sulphide to C<sub>2</sub> olefins (*with* N. L. Arthur). *Chem. soc. jour.* (1962).  
Perfluoroalkyl Bismuth and Thallium compounds (*with* B. J. Pullman and B. O. West). *Chem. soc. proc.* (1962), 224.
- BENNETT, JOHN HENRY, M.A., B.Sc. (Melb.), Ph.D. (Camb.), Professor of Genetics.  
Population and family studies on kuru. *Eugenics quarterly* 9 (1962), 59-68.
- BEST, RUPERT JETHRO, D.Sc., F.R.A.C.I., Reader in Virology, Waite Agricultural Research Institute.  
Variation in plant viruses. Plant pathology conference report, C.S.I.R.O., Melb. 2 (1962), 59-68.
- BROWN, LAURENCE BINET, M.A., Dip.Ed. (N.Z.), Ph.D. (Lond.), Senior Lecturer in Psychology.  
Assent and dissent in an unlocked mental hospital (*with* J. E. Cawte). *Med. jour. of Aust.* 1 (1962), 644-646.  
Religious belief and reports of childhood experiences. *Psychol. reports* 10 (1962), 269-270.  
Religious belief and social pressure (*with* D. J. Pallant). *Psychol. reports* 10 (1962), 813-814.  
A study of religious belief. *Brit. jour. of psychol.* 53 (1962), 259-272.
- BROWNING, THOMAS OAKLEY, B.Sc. (Syd.), Ph.D., Senior Lecturer in Animal Ecology, Department of Zoology.  
Distribution of the kangaroo-tick *Ornithodoros gerneyi* in arid South Australia. *Nature* 194 (1962), 162-164.  
Environments of animals and plants. *Jour. of theoret. biol.* 2 (1962), 63-68.
- BRUNT, MAUREEN DORIS, B.Com. (Melb.), Lecturer in Economics.  
Structure of the Australian economy (*with* P. H. Karmel). 1st edition, 1961, reprinted (with modifications), 1963, xii + 154p. (Melbourne, Cheshire), and also published in *Economic systems of the Commonwealth* (Duke University Press, 1962).
- CAPON, IAN NICHOLAS, Ph.D. (Camb.), B.Sc., Lecturer, Computing Centre.  
Application of ray tracing methods to calculations of skip distances for radio communications. *Proc. of the Phys. Soc.* 79 (1962), 808-815.
- CARVER, JOHN HENRY, M.Sc. (Syd.), Ph.D. (Camb.), Elder Professor of Physics.  
Isomeric (y,n) cross section ratios and the spin dependence of the nuclear level density (*with* G. E. Coote and T. R. Sherwood). *Nuc. phys.* 37 (1962), 449-456.  
Nuclear E1 overtones (*with* D. C. Peaslee and R. B. Taylor). *Phys. rev.* 127 (1962), 2198-2205.
- CATTRALL, ROBERT WALTER, B.Sc., Research student in Physical and Inorganic Chemistry.  
The extraction of beryllium and aluminium from aqueous sulphate solutions with di-(2-ethylhexyl) phosphoric acid. *Aust. jour. chem.* 14 (1961), 133-136.  
The extraction of thorium from nitrate solution by dibutyl butyl phosphonate. *Jour. of inorg. nuc. chem.* 21 (1961), 334-338.
- CHARNOCK, JOHN STEWART, Ph.D., Research Fellow in Medicine.  
The effect of salicylate on adenosine-triphosphatase activity of rat-liver mitochondria (*with* L. J. Opit). *Biochem. jour.* 83 (1962), 596-602.  
The effect of salicylate on plasma magnesium in rats (*with* R. Lockett and B. S. Hetzel). *Nature* 195 (1962), 295-296.  
An evaluation of the effect of salicylate on oxidative phosphorylation in rat-liver mitochondria (*with* L. J. Opit and B. S. Hetzel). *Biochem. jour.* 83 (1962), 602-606.  
Salicylate and ions in mitochondria (*with* L. J. Opit and B. S. Hetzel). *Biochem. jour.* 85 (1962), 190-193.
- CLARK-LEWIS, JOHN WILLIAM, B.Pharm. (Lond.), Ph.D. (Nott.), D.Sc. (Lond.), F.R.I.C., F.R.A.C.I., Reader in Organic Chemistry  
Chemistry of Acacia species. *Reviews of pure and applied chem.* 12 (1962), 32-43.  
Configurations of optically active flavonoid compounds. *Reviews of pure and applied chem.* 12 (1962), 96-116.

- Flavan derivatives. Part V. Synthesis of the four racemates of 3,4-Diacetoxy-3',4'-dimethoxy-6-methylflavan (*with* L. M. Jackman and L. R. Williams). *Chem. soc. Jour.* (1962), 3858.
- Flavan derivatives. Part VI. The absolute configuration of some Flavan-3,4-diol leucoanthocyanidins: ((-) - Melacacidin, (-) - Teracacidin, and (+) - Mollisacacidin (*with* G. F. Katekar). *Chem. soc. Jour.* (1962), 4502.
- Leucoanthocyanins and leucoanthocyanidins. "The chemistry of flavonoid compounds" (Ed. T. A. Geissman), Pergamon Press, 1962, 217-247.
- Measurement of dihedral angles in conformationally mobile models (*with* E. J. Wigley). *Chemistry and industry* (1962), 1419-1420.
- Preparation of 3,4-Diamino-3-Amino-4-methylamino-, and 4-Amino-3-methylamino-pyridine (*with* R. P. Singh). *Chem. soc. Jour.* (1962) 2379-2382.
- Quinoxaline analogues. Part VII. Derivatives of 1,4,6-Triazanaphthalene (*with* R. P. Singh). *Chem. soc. Jour.* (1962), 3162-3167.
- Ring contractions of alloxan with alicyclic secondary amines: formation of amine salts of alloxanic acid (*with* J. A. Edgar). *Chem. soc. Jour.* (1962), 3887-3889.
- Some recent advances in the chemistry of leucoanthocyanidins. "The chemistry of natural and synthetic colouring matters and related fields" (dedicated to Professor K. Venkataraman), New York and London, Academic Press, 1962, 211-220.
- COOMBE, BRYAN GEORGE, Ph.D. (Calif.), M.Ag.Sc., Lecturer in Plant Physiology (Horticulture), Waite Agricultural Research Institute.
- The absorption and movement of <sup>32</sup>P-labelled systemic insecticides in the grape vine (*Vitis vinifera* L.). *Aust. jour. of agric. res.* 13 (1962), 17-30.
- The effect of removing leaves, flowers and shoot tips on fruit-set in *Vitis vinifera* L. *Jour. of hort. sci.* 37 (1962), 145.
- COX, RONALD IAN, Ph.D. (Edin.), Reader in Endocrinology, Department of Obstetrics and Gynaecology.
- Anti-oestrogens (*with* C. W. Emmens and L. Martin). *Recent progress in hormone res.* 18 (1962).
- "Steroid metabolites in congenital adrenal hyperplasia"; The human adrenal cortex, ed. by A. R. Currie, T. Symington and J. K. Grant. E. & S. Livingstone Ltd. (1962), 383-392.
- CROWLEY, NEIL CLARENCE, B.Sc.Agr. (Syd.), Ph.D., Senior Lecturer in Plant Pathology, Waite Agricultural Research Institute.
- Centrosema mosaic: a new virus disease of *Crotalaria* spp. in Papua and New Guinea (*with* R. J. VanVelsen). *Aust. jour. of agr. res.* 13 (1962), 220-232.
- Virus diseases of cherries in South Australia (*with* W. J. Moller and J. N. Steed). *S.A. jour. of agric.* 65 (1962), 532-537.
- DAVIVONGS, VIRAPUNT, M.Sc., student in physical anthropology, Department of Anatomy.
- Aboriginal blood pressures at Beswick, south-western Arnhem Land, and correlation with physical dimensions (*with* A. A. Abbie and R. van Dongen). *Med. jour. of Aust.* 2 (1962), 286-289.
- DAY, ALLAN JOHN, D.Phil. (Oxford), M.Sc., M.D., Senior Lecturer in Physiology.
- The uptake and metabolism of <sup>14</sup>C-labelled fatty acids by macrophages in vitro (*with* N. H. Fidge). *Jour. of lipid res.* 3 (1962), 333-338.
- DE LA LANDE, IVAN STANLEY, Ph.D. (Melb.), Reader in Pharmacology.
- Pharmacology of the heart of *Tiliqua* (*Trachysaurus*) *Rugosa* (the sleepy lizard) (*with* M. J. Tyler and B. R. Pridmore). *Aust. jour. of exp. biol. and med. sci.* 40 (1962), 129-138.
- Role of lactic acid in the vasodilator action of adrenaline in the human limb (*with* R. F. Whelan). *Jour. of physiol.* 162 (1962), 151-154.
- DELLER, DONALD JOHN, M.B., B.S. (Syd.), D.Phil. (Oxford), M.R.A.C.P., M.R.C.P., Michell Research Fellow, Department of Medicine.
- Changes in the blood after partial gastrectomy with special reference to vitamin B12: 1. Serum vitamin B12, haemoglobin, serum iron and bone marrow (*with* L. J. Witts). *Quarterly jour. of med.* 31 (1962), 71-88.
- Changes in the blood after partial gastrectomy with special reference to vitamin B12: 2. The cause of the fall in serum vitamin B12 (*with* W. C. Richards and L. J. Witts). *Quarterly jour. of med.* 31 (1962), 89-102.

- DELOW, PETER GLYNN, B.D.S., M.B., B.S., Lecturer in Physiology.  
On the physiology of pain arising in the teeth. *Aust. dental jour.* 7 (1962), 62-67.
- DENNIS, BARBARA JOAN, M.Sc., Senior Demonstrator in Physiology.  
Effects of LSD-25, psilocybin, and psilocin on temporal lobe EEG patterns and learned behaviour in the cat (*with* W. R. Adey and F. Bell). *Neurology* 12 (1962), 591-602.
- DILLON, JOHN LOUIS, B.Sc.Agr. (Syd.), Ph.D. (Ames), Senior Lecturer in Agricultural Economics.  
Factor substitutability and probability distributions of factor services (*with* A. A. Powell). *Econ. jour.* 72 (1962), 740-2.  
Inventory analysis of drought reserves for Queensland graziers: some empirical analytics (*with* A. G. Lloyd). *Aust. jour. of agr. econ.* 6 (1962), 40-67.  
Variance considerations in inventory analysis. *Proc. N.S.W. Stat. Soc. symposium on optimization procedures in business and industry.* Sydney, 1962. 5p.  
Reports on beef cattle husbandry in Australia 1956-1960. I. Drought feeding; II. Hexoestrol implant trials; III. Rate of growth of cattle. *Melb. Animal production Committee*, 1962. 93p.
- DODD, LINDSAY RICHARD, B.Sc., Research student in Mathematical Physics.  
Resolution of direct and compound inelastic scattering (*with* I. E. McCarthy, contributed paper). *Proc. of the Internat. symposium on direct interactions and nuclear reaction mechanisms*, Padua 1962. New York, Gordon and Breach, 1962.
- DONALD, COLIN MALCOLM, B.Sc.Agr. (Syd.), M.Ag.Sc., F.A.I.A.S., Waite Professor of Agriculture and Head of the Department of Agronomy.  
Influence of leaf area and radiation on the growth of clover in swards (*with* W. R. Stern). *Aust. jour. of agric. res.* 13 (1962), 615-623.  
Light relationships in grass clover swards (*with* W. R. Stern). *Aust. jour. of agric. res.* 13 (1962), 599-614.  
Pastures of the beef regions of Argentina (*with* H. S. Hawkins). *Jour. of the Brit. Grasslands Soc.* 17 (1962).  
Search for yield. *Jour. of the Aust. inst. of agric. sci.* 28 (1962), 171-178.
- DUNCAN, WALTER GEORGE KEITH, M.A. (Syd.), Ph.D. (Lond.), Professor of History and Political Science.  
In defence of the common man (The Boyer lectures for 1962). 63p. Sydney, Australian Broadcasting Commission, 1962.
- EDMONDS, STANLEY JOE, B.A., Ph.D., Senior Lecturer in Zoology.  
On *Sipunculus aeneus* Baird (Sipunculoidea). *Ann. mag. of nat. hist.* 4 (1961), 217-220.  
Some notes on the abundance, environment and nutrition of *Sipunculus nudus* L. (Sipunculoidea) at Morgat, Brittany. *Cahiers biol. mar.* 3 (1962), 183-190.
- ELLIOTT, BRIAN ROBINSON, M.A. (W.A.), D.Litt., Reader in Australian Literature, Department of English.  
The author in spite of himself: some notes on Dal Stivens. *Australian quarterly* 34 (1962), 69-76.  
Critical review, J. P. Matthews, *Tradition in Exile.* *Aust. book review* 1 (1962), 77.  
Report of the Arts Enquiry Committee for South Australia, 1961 (Edited by B. R. Elliott). Distributed by the Department of English, University of Adelaide, and now in the hands of the Public Library of South Australia. Roneo, 136p, fcp.
- ELLIOTT, RALPH WARREN VICTOR, M.A. (St. And.), Reader in English.  
The linguistic problems of the bilingual child. *Babel* 18 (1961), 3-8.  
Byrhtnoth and Hildebrand: a study in heroic technique. *Studies in old English literature in honor of Arthur G. Brodeur.* *Comparative lit.* 14 (1962), 53-70.  
English grammar. *Englische Grammatik für Höhere Schulen* (*with* A. Leonhardi and H. Wiebe). Part I, xii + 100p. Part 2, 62p. Dortmund, Lensing Verlag, 1962.
- EVERITT, GRAHAM CHARLES, M.Sc. (Wales), M.D.A., Lecturer in Animal Production, Waite Agricultural Research Institute.  
Field trials with hexoestrol implants in beef cattle on New Zealand farms (*with* A. H. Carter). *Jour. of agric. sci.* 59 (1962), 142-151.

- Implantation of oestrogenic hormones in beef cattle. Part I. Effects of winter nutritional depression following autumn implantation of hexoestrol, and of re-implantation in spring. *New Zealand jour of agric. res.* 5 (1962), 62-81.
- On the assessment of body composition in live sheep and cattle. *Proc. Aust. soc. anim. prod.* 4 (1962), 79-89.
- FALCONER, IAN ROBERT, B.Sc. (Nott.), Ph.D. (Aberd.), M.I.Biol., Lecturer in Animal Biochemistry, Waite Agricultural Research Institute.
- Iodide metabolism of the thyroid and mammary glands during lactation in sheep. *Jour. of endocrin.* 25 (1962), 444-450.
- FANNING, ELIZABETH ANN, D.D.S. (N.Z.), Temporary Senior Lecturer in Conservative Dentistry.
- Effect of extraction of deciduous molars on the formation and eruption of their successors. *Angle orthodontist* 32 (1962), 44-53.
- Effect of extraction of deciduous molars on formation and eruption of their successors. *Dental abstracts* 7 (1962) 540-541.
- Relationship of dental caries and root resorption of deciduous molars. *Arch. of oral biol.* 7 (1962), 595-601.
- Timing of emergence of third molars in Bostonians. *Amer. jour. of phys. anthrop.* 20 (1962) 71.
- FIDGE, NOEL HADDEN, B.Sc., Research Assistant, Department of Physiology.
- The uptake and metabolism of  $^{14}\text{C}$ -labelled fatty acids by macrophages in vitro (*with A. J. Day*). *Jour. of lipid res.* 3 (1962), 333-338.
- FINNIS, JOHN MITCHELL, LL.B., Tutor in Law.
- Developments in judicial jurisprudence. *Adelaide law rev.* 1 no. 3 (1962), 317-337.
- FRANCKI, RICHARD IGNACY BARTLOMIEJ, Ph.D. (N.Z.), Lecturer in Plant Pathology (Virology), Waite Agricultural Research Institute.
- Infectivity of tobacco mosaic virus from tobacco leaves treated with 2-thiouracil. *Virology* 17 (1962), 9-21.
- The inhibition of plant virus multiplication in two host species by 2-thiouracil. *Virology* 17 (1962), 1-8.
- Relation between incorporation of 2-thiouracil into tobacco mosaic nucleic acid and virus inhibition (*with R. E. F. Matthews*). *Virology* 17 (1962), 22-29.
- Some effects of 2-thiouracil on the multiplication of turnip yellow mosaic virus (*with R. E. F. Matthews*). *Virology* 17 (1962), 367-380.
- GILCHRIST, JOHN THOMAS, Ph.D. (Leeds), Lecturer in History.
- Canon law aspects of the eleventh century Gregorian reform programme. *Jour. of ecclesiastical hist.* 13 (1962), 21-38.
- Cardinal Humbert of Silva-Candida (d. 1061). *Annuaire mediaevale* 3 (1962), 29-42.
- Humbert of Silva-Candida and the political concept of *Ecclesia* in the eleventh century reform movement. *Jour. of religious hist.* 2 (1962), 13-28.
- GLAESSNER, MARTIN FRITZ, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A., Reader in Geology and Palaeontology.
- Isolation and communication in the geological history of the Australian fauna. *Evol. of living organisms, Symposium of the Roy. Soc. of Vic.* 1962, 242-249.
- Major trends in the evolution of the foraminifera. In: *Evolutionary trends in foraminifera*. Van der Vlerk Anniv. vol. Amsterdam, Elsevier, 1962, 400p.
- Precambrian fossils. *Biological rev.* 37 (1962), 467-494.
- GOOD, BRIAN FRANCIS, B.Sc., Demonstrator in Medicine.
- The effect of salicylate on the plasma protein bound iodine level in various states of endocrine disorder in man (*with B. S. Hetzel, M. L. Wellby and M. W. Begg*). *Aust. annals of med.* 11 (1962), 34-39.
- GRAHAM, JANET SCOTT DOUGLAS, Ph.D. (St. And.), Lecturer in Protein Chemistry, Waite Agricultural Research Institute.
- The measurement of nicotinamide adenine dinucleotide and nicotinamide adenine dinucleotide phosphate in tomato leaves (*with J. F. Hawker*). *Plant physiol.* 37 (1962), 765.

- GREEN, HERBERT SYDNEY, Ph.D., D.Sc. (Edin.), F.A.A., A.R.C.S., Professor of Mathematical Physics.  
 Kinetic theory of second order effects in fluids (*with* R. G. Storer). Proc. of the Internat. symposium on second order effects in elasticity, plasticity, and fluid dynamics (Haifa, 1962), Oxford, Pergamon, 1962, 31-42.  
 The long-range correlations of various ising lattices. Zeits. f. physik 171 (Max Born Festschrift) (1962), 129-148.  
 Proton-proton scattering at relativistic energies. Nuclear phys. 27 (1961), 405-414.  
 Statistical thermodynamics of plasmas. Nuclear fusion 1 (1961), 69-77.  
 Theories of transport in fluids. Jour. of math. phys. 2 (1961), 344-348.  
 Theory of higher-order effects in fluids (*with* R. G. Storer). Phys. of fluids 5 (1962), 1212-1218.  
 Seven articles contributed to Encyclopaedic dictionary of physics, vols. 2-4. Oxford, Pergamon, 1961-2.
- GREEN, LORNA MARY ALEXANDRA, B.A., Ph.D., Lecturer in Histology.  
 Sweat glands in the skin of the Quokka of Western Australia. Aust. jour. of exp. biol. and med. sci. 39 (1961), 481-486.
- GREENLAND, DENNIS JAMES, M.A., D.Phil. (Oxford), Lecturer in Soil Science, Waite Agricultural Research Institute.  
 Adsorption of glycine and its di-, tri- al tetrapeptides by montmorillonite (*with* R. H. Laby and J. P. Quirk). Trans. of the Faraday soc. 58 (1962), 829-841.  
 Adsorption of d-n-alkyl pyridinium bromides by montmorillonite (*with* J. P. Quirk). Clays and clay minerals 9 (1962), 484-499.  
 Denitrification in some tropical soils. Jour. of agric. sci. 58 (1962), 227-233.  
 Organic materials which stabilise natural soil aggregates (*with* G. R. Lindstrom and J. P. Quirk). Proc. of the Soil sci. soc. of Amer. 26 (1962), 366-371.  
 Soil nitrogen changes in the permanent rotation trial at the Waite Institute. Proc. 3rd Aust. conf. on soil sci., Canberra, 1962. Paper 88, 1-9.
- HANCOCK, KEITH JACKSON, B.A. (Melb.), Ph.D. (Lond.), Lecturer in Economics.  
 Australia's balance of payments problem. Univ. of Adelaide 6th summer school of business administration (The Australian economy, 1961—trends and prospects) (1961), 22-39.  
 The basic wage and the cost of living. Aust. econ. papers 1 (1962) 42-56.  
 Compulsory arbitration *versus* collective bargaining: three recent assessments. Jour. of indust. relations 4 (1962), 20-31.  
 Unemployment and the economists in the 1920's. Economica 27 (1960), 305-321.  
 Unemployment in Australia. Aust. quarterly 33 (1961), 7-25.
- HARCOURT, GEOFFREY COLIN, M.Com. (Melb.), Ph.D. (Camb.), Lecturer in Economics.  
 Investment and initial allowances as fiscal devices. Aust. accountant 32 (1962), 473-77.  
 Productivity and technical change (review article), Econ. record 38 (1962), 388-94.
- HASKARD, MALCOLM ROSSWYN, B.E., Research Fellow, Department of Electrical Engineering.  
 Computer logic circuits (*with* M. W. Allen). Proc. I.R.E. (Aust.), 23 (1962), 183.  
 Tunnel diode logic circuits. Proc. I.R.E. (Aust.), 23 (1962), 190.
- HEFFORD, RONALD KEITH, M.Ec., Lecturer in Geography.  
 Foreign aid—Australia's contribution. Econ. record 38 (1962), 246-256.  
 Malaysia: Federal experiment. Current affairs bull. 30 no. 12 (1962).  
 Prospects for trade with Asian countries. Australia's neighbours. 128/9 (1962).
- HETHERINGTON, ROBERT, B.A., Senior Tutor in History and Political Science. The South Australian Elections 1959. Policies, parties and politicians (*with* R. L. Reid). 150p. Adelaide, Rigby, 1962.
- HETZEL, BASIL STUART, M.D., M.R.C.P., F.R.A.C.P., Reader in Medicine.  
 Demonstration of iodotyrosines in human plasma in response to thyroid stimulation (*with* M. L. Wellby). Nature 193 (1962), 752-754.  
 The effect of salicylate on plasma magnesium in rats (*with* J. S. Charnock and R. Lockett). Nature 195 (1962), 295-296.

- The effect of salicylate on the plasma protein bound iodine level in various states of thyroid function (*with* B. F. Good, M. L. Wellby and M. W. Begg). *Australasian annals of med.* 11 (1962), 34-39.
- An evaluation of the effect of salicylate on oxidative phosphorylation in rat-liver mitochondria (*with* J. S. Charnock and L. J. Opit). *Biochem. jour.* 85 (1962), 190-193.
- Steroid therapy: indications and dangers. *Med. jour. of Aust.* 2 (1962), 476-477.
- Trends in medico-clerical relations. *Med. jour. of Aust.* 1 (1962), 140-142.
- HODGE, PHILIP RICHARD, M.B., B.S., M.R.A.C.P., M.C.P.A., Senior Lecturer in Forensic Medicine, Department of Pathology.
- Fatal traffic accidents in Adelaide. *Med. jour. of Aust.* 1 (1962), 309-314.
- HODGE, ROBERT LEY, M.B., B.S., M.R.A.C.P., Temporary Lecturer in Physiology. Effect of hexamethonium on the vascular response to noradrenaline in man (*with* R. F. Whelan). *Brit. jour. of pharmacol.* 18 (1962), 331-336.
- HOLDSWORTH, ERIC SPENCER, Ph.D. (Leeds), F.R.I.C., Reader in Biochemistry. Influence of vitamin D on calcium absorption in the chick (*with* J. D. Sallis). *Amer. jour. of physiol.* 203 (1962), 497-505.
- Calcium metabolism in relation to vitamin D<sub>3</sub> and adrenal function in the chick (*with* J. D. Sallis). *Amer. jour. of physiol.* 203 (1962), 506-511.
- HORSNELL, ARTHUR MAXWELL, F.D.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), Professor of Dental Science.
- Nutrition and dental disease. *Aust. dent. jour.* 7 (1962), 48-52.
- HOWARD, COLIN, LL.M. (Lond.), Senior Lecturer in Law.
- Australian letter—more developments in the law of homicide. *Criminal law rev.* (1962), 435-444.
- Automatism and insanity. *Sydney law rev.* 4 (1962), 36-48.
- Matrimonial conciliation. *Aust. law jour.* 36 (1962), 148-152.
- More successful attempts. *Mod. law rev.* 25 (1962), 483-486.
- Not proven. *Adelaide law rev.* 1 (1962), 269-292.
- Protection of principle under a criminal code. *Mod. law rev.* 25 (1962), 190-203.
- HURST, CHARLES ANGAS, B.A., B.Sc. (Melb.), Ph.D. (Camb.), Reader in Mathematical physics.
- Acceleration and the "clock paradox". *Jour. of the Aust. math. soc.* 2 (1961), 120-1.
- Equivalence of current loops and magnetic shells. *Aust. jour. of phys.* 14 (1961), 188-190.
- Supplementary condition in quantum electrodynamics. *Nuovo cim.* 21 (1961), 274-293.
- JEEVES, MALCOLM ALEXANDER, M.A., Ph.D. (Camb.), Professor of Psychology. The relation of the assimilation of new information to increasing age. *Proc. of C.S.I.R.O. Conf.* Sydney, 1962.
- JENKIN, CHARLES REINHOLD, Ph.D. (Lond.), Lecturer in Microbiology.
- An antigenic basis for virulence in strains of *Salmonella typhimurium*. *Jour. of exp. med.* 115 (1962), 731.
- JENSEN, ROLF ARTHUR, B.Arch. (Liv.), F.R.A.I.A., A.M.T.P.I., Professor of Architecture.
- Density control in Australian cities (originally given as a paper to 35th Congress of ANZAAS). *Arch. sci. rev.* 4 (1961), 106-123.
- JEPSON, RICHARD POMFRET, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S., F.R.A.C.S., Professor of Surgery.
- Juxta-pyloric lesions—the Nisbet symposium (*with* A. Kerr Grant and P. H. Davies). *Jour. of the Coll. of Radiol. of A/asia*, 6 (1962), 26.
- Tuberculous arteritis presenting as a popliteal aneurysm (*with* R. Meadows). *Aust. and N.Z. jour. of surg.* 32 (1962), 157.
- JONES, JOHN BRETT, B.Sc. (Qld.), Ph.D. (Wisc.), Lecturer in Geology.
- The structure of orthoclase (*with* W. H. Taylor). *Cursillos y conferencias* 8 (1961), 33-35.
- A suite of volcanic rocks with spilitic affinities from the archaean of South Australia (*with* J. L. Talbot and E. M. McBriar). *Aust. jour. of sci.* 24 (1962), 356.
- JORDAN, DENIS OSWALD, Ph.D., D.Sc. (Lond.), F.R.I.C., Angus Professor Physical and Inorganic Chemistry.
- The cationic polymerization of styrene. Part I. The 1-phenylethyl carbonium ion (*with* F. E. Treloar). *Chem. soc. jour.* (1961), 729-734.

- The cationic polymerization of styrene. Part II. Spectra of polymerizing systems (*with* F. E. Treloar). Chem. soc. jour. (1961), 734-736.
- The cationic polymerization of styrene. Part III. The cocatalytic action of water in the polymerization of styrene by aluminium chloride (*with* F. E. Treloar). Chem. soc. jour. (1961), 737.
- The denaturation of deoxyribonucleic acid (*with* R. B. Inman). Jour. of polymer sci. 53 (1961), 337.
- The influence of diffusion and reaction processes on the wetting of solid metals by liquid metals (*with* J. E. Lane). Aust. inst. of metals. Jour. 7 (1962), 27-33.
- Macromolecules. Rev. of pure and appl. chem. 12 (1962), 126-144.
- KARMEL, PETER HENRY, B.A. (Melb.), Ph.D. (Camb.), Professor of Economics. Credit creation in a multi-bank system (*with* R. H. Wallace). Aust. econ. papers 1 (1962), 95-108.
- The implications of the 1960 report of the Australian Universities Commission. Report of the proc. of the Conf. of Australian universities (Australian vice-chancellor's committee, 1961), 31-37.
- The pattern of tertiary education in the 1960's. Aust. jour. of higher educ. (1962).
- Applied statistics for economists (2nd ed.), xiii + 474p. Melbourne, Pitmans, 1963.
- Some economic aspects of education. 25p. Melbourne, Cheshire, 1962.
- Structure of the Australian economy (*with* M. Brunt). 1st ed., 1961, reprinted (with modifications), xii + 154p. Melbourne, Cheshire, 1963, and also published in Economic systems of the Commonwealth, Duke Univ. pr. 1962.
- KEMPSTER, CHARLES JOHN EDGAR, M.A., Ph.D. (Camb.), Lecturer in Physics. The structure of anorthite,  $\text{CaAl}_2\text{Si}_2\text{O}_8$ . I. Structure analysis (*with* H. D. Megaw and E. W. Radoslovich). Acta cryst. 15 (1962), 1005-1017.
- The structure of anorthite,  $\text{CaAl}_2\text{Si}_2\text{O}_8$ . II. Description and discussion (*with* H. D. Megaw and E. W. Radoslovich). Acta cryst. 15 (1962), 1017-1035.
- KENNEDY, STANLEY WALLACE, Ph.D. (Belf.), Lecturer in Physical and Inorganic Chemistry. Microthermostats for X-ray diffraction at moderately high temperatures. Jour. of sci. instr. 39 (1962), 316.
- Thermal formation of etch pits after polymorphic transformation (*with* J. H. Patterson). Nature 194 (1962), 1072.
- LANDER, HARRY, M.B., B.S., M.R.A.C.P., Senior Lecturer in Medicine. Pernicious anaemia associated with aplastic anaemia following phenylbutazone therapy (*with* J. M. Bonnin). Med. jour. of Aust. 2 (1962), 297-300.
- LOOKE, ENE, B.Sc., Research Scholar, Department of Microbiology. The lack of correlation between sensitivity of bacteria to killing by macrophages or acidic conditions (*with* D. Rowley). Aust. jour. of exp. biol. and med. sci. 40 (1962), 315.
- LÜCKE, HORST KLAUS, M.C.J. (New York), Dr.Jur. (Cologne), LL.B., Senior Lecturer in Law. Striking a bargain. Adelaide law rev. 1 (1962), 293-311.
- LYDALL, HAROLD FRENCH, B.A. (S.A.), M.A. (Oxford), George Gollin Professor of Economics. Australia—prospects for growth in the 1960's. Growth CEDA (1962), 10-18.
- The Australian economy, February, 1962. Econ. rec. 38 (1962), 1-28.
- Eleven years of retail sales. Econ. activity in Western Aust. 5 (1962), 4-11.
- An exercise in forecasting consumer demand and taxation yields in India, 1965-66. Indian econ. rev., 1962.
- MCBRIAR, ELIZABETH MAUD, B.Sc. (Melb.), Senior Demonstrator in Geology. A suite of volcanic rocks with spilitic affinities from the archaean of South Australia (*with* J. B. Jones and J. L. Talbot). Aust. jour. of sci. 24 (1962), 356.
- MCCARTHY, IAN ELLERY, Ph.D., Senior Lecturer in Mathematical Physics. Optical model in the interior of the nucleus. Phys. rev. 128 (1962), 1237-1245.
- Realistic distorted wave calculation of (p,2p) angular correlations (*with* K. L. Lim, contributed paper). Proc. of the internat. symposium on direct interactions and nuclear reaction mechanisms, Padua 1962. New York, Gordon and Breach, 1962.

- Relationship between direct interactions and the optical model (invited paper). Proc. of the internat. symposium on direct interactions and nuclear reaction mechanisms, Padua, 1962. New York, Gordon and Breach, 1962.
- Resolution of direct and compound inelastic scattering (*with* L. R. Dodd, contributed paper). Proc. of the internat. symposium on direct interactions and nuclear reaction mechanisms, Padua, 1962. New York, Gordon and Breach, 1962.
- Simple direct reaction model of proton inelastic scattering (*with* A. J. Kromminga). Nuclear phys. 31 (1961), 678-688.
- MAELZER, DEREK ALAN, M.Sc. (W.A.), Ph.D., Lecturer in Entomology, Waite Agricultural Research Institute.  
Effect of other organisms on the survival-rate of *Aphodius tasmaniae* (Hope) (Col. Scarabaeidae) in the lower South-East of South Australia. Aust. jour. of zool. 10 (1962).
- Emergence as a pest of *Aphodius tasmaniae* Hope (Scarabaeidae) in pastures in the lower South-East of South Australia. Aust. jour. of zool. 10 (1962), 95-112.
- MARES, FRANCIS HUGH, B.A. (Durh.), B.Litt. (Oxford), Senior Lecturer in English.  
The fortunes of Richard Mahoney: a reconsideration. Meanjin 21 (1962), 64-70.  
Such is life. Aust. quarterly 34 (1962), 62-71.
- MARSHALL, ANN, M.A. (Calif.), M.Sc. (Melb.), Lecturer in Geography.  
The growth of subdivision of the Adelaide urban area. Proc. of the Royal Geog. Soc. of Aust. (S.A. Branch), 62 (1962), 65-68.  
The house of glass. Landscape 2 (1961-2), 18-21.
- MASON, BRUCE, B.Sc., Senior Lecturer in Geography.  
The relation between pressure, temperature and height in a column of air. Taminga 3 (1962).
- MATHEWS, RUSSELL LLOYD, B.Com. (Melb.), Professor of Commerce.  
The Australian flow-of-funds accounts. Econ. record 38 (1962), 94-107.  
University education for management in a developing economy. Growth (1962), 4-13.  
Accounting for economists. xx + 582p. Melbourne, F. W. Cheshire, 1962.  
Inflation and company finance (2nd ed. *with* J. McB. Grant). xii + 180p. Sydney, Law Book Co. of Australasia Pty. Ltd., 1962.
- MAY, LANCELOT HARRIS, Ph.D. (Lond.), B.Sc., D.I.C., Reader and Head of Department of Plant Physiology, Waite Agricultural Research Institute.  
Drought resistance of crop plants (*with* F. L. Milthorpe). Field crop abs. 15 (1962), 1-9.  
Presowing hardening of plants to drought (*with* E. J. and F. L. Milthorpe). Field crop abs. 15 (1962), 1-6.
- MILLERD, ADELE, Ph.D. (Syd.), Senior Lecturer in Agricultural Chemistry, Waite Agricultural Research Institute.  
Respiration of the diseased plant (*with* K. J. Scott). Ann. rev. of plant physiol. 13 (1962), 559-574.  
The role of isocitrate lyase in synthesis of oxalic acid in plants (*with* R. K. Morton and J. R. E. Wells). Nature 196 (1962), 955-956.
- MILLINGTON, RICHARD JAMES, M.Sc. (Syd.), Ph.D., Senior Lecturer in Agronomy, Waite Agricultural Research Institute.  
Permeability of porous solids (*with* J. P. Quirk). Trans. Faraday soc. 57 (1961), 1200-1207.  
Relations between yield of wheat, soil factors and rainfall. Aust. jour. of agric. res. 12 (1961), 397-408.  
Transport in porous media (*with* J. P. Quirk). Trans. 7th Internat. cong. on soil sci. 1 (1960).
- MOLHUYSSEN, PHILIP CHRISTIAN, B.Ec. (Tas.), Research Scholar, Department of Economics.  
The professional engineers' case. Aust. econ. papers 1 (1962), 57-78.
- MORTON, ROBERT KERFORD, B.Sc.Ag. (Syd.), Ph.D. (Camb.), F.A.A., Waite Professor of Agricultural Chemistry.  
A comparative study of nicotinamide nucleotide coenzymes during growth of the sheep and rat (*with* P. Caiger, O. H. Filsell and I. G. Jarrett). Biochem. jour. 85 (1962), 351.

- Flavin-haem interaction in crystalline cytochrome  $b_2$  (L-lactate dehydrogenase of baker's yeast) (*with* J. McD. Armstrong). Symposium on intracellular respiration. Proc. 5th internat. congr. of biochem., Moscow 1961. 5 (1962), 213.
- Nicotinamide 6-mercaptapurine dinucleotide and related compounds: potential sources of 6-mercaptapurine nucleotide in chemotherapy (*with* M. R. Atkinson, J. F. Jackson and A. W. Murray). Nature 196 (1962), 35-36.
- The role of isocitrate lyase in synthesis of oxalic acid in plants (*with* A. Millerd and J. R. E. Wells). Nature 196 (1962), 35-36.
- The role of isocitrate lyase in synthesis of oxalic acid in plants (*with* A. Millerd and J. R. E. Wells). Nature 196 (1962), 955-956.
- MORRIS, KERWIN WILLIAM, B.Sc., Lecturer in Mathematics.  
Tables of the logarithm of iteration of  $e^x - 1$  (*with* G. Skekeres). Jour. of the Aust. math. soc. 2 (1962), 321-33.
- MUMME, WILLIAM GUSTAV, M.Sc., Research Student, Department of Physics.  
Note on the mixed polarity of magnetization in Cainozoic basalts in Victoria, Australia. Geophysical jour. 6 (1962), 546-549.  
Stability of magnetization in Cainozoic basalts from Victoria, Australia. Phil. mag. 7 (1962), 1263-1278.
- MYBURGH, DAVID, B.A. (Stell.), Demonstrator in Geography.  
Aardrykskunde aan 'n Australiese Universiteit. Jour. for geog. 2 (1962).
- NEAL, LAURIE FREDERICK, B.A. (Lond.), Professor of Education.  
Tethered teachers. Aust. universities rev. 5 (1962), 19-21.
- NORRIE, DOUGLAS HECTOR, B.E., B.Sc. (N.Z.), A.M.I.Mech.E., A.F.R.A.S., A.M.R.I.N.A., Senior Lecturer in Mechanical Engineering.  
Fundamental problems in engineering education. Aust. universities rev. 5 (1962), 36-46.  
Marine propeller vibration research at the University of Adelaide. Royal Institution of Naval Architects (Aust. Branch), Preprint 62/N, 1962, 1-28.
- OLIVER, ROBIN LANCFORD, M.Sc. (N.Z.), Ph.D. (Camb.), Senior Lecturer in Geology.  
The Borrowdale volcanic and associated rocks of the Scafell area, English lake district. Quarterly jour. of the Geol. soc. of Lond. 117 (1961), 377-417.
- OPIT, LOUIS JONAH, M.B., B.S., F.R.C.S., F.R.A.C.S., Senior Lecturer in Surgery.  
Acro-paraesthesia and the carpal tunnel syndrome (*with* R. A. Rieger). Aust. and N.Z. jour. of surg. 32 (1962), 59.  
Alkali metal requirements in oxidative phosphorylation (*with* J. S. Charnock). Nature 194 (1962), 870.  
The effect of salicylate on adenosine-triphosphatase activity in rat liver mitochondria (*with* J. S. Charnock). Biochem. jour. 83 (1962), 596.  
Electrolyte distribution in rats following salicylate (*with* J. S. Charnock and B. S. Hetzel). Metabolism 10 (1961), 874.
- PALEG, LESLIE GODELL, B.A. (Wash.), Ph.D. (Iowa), Senior Lecturer in Plant Physiology, Waite Agricultural Research Institute.  
Gibberellic acid and the malting of embryo-less barley. Nature 193 (1962), 1102-1103.  
Physiological effects of gibberellic acid. IV. On barley grain with normal, X-irradiated and excised embryos (*with* D. H. B. Sparrow). Plant physiol. 37 (1962), 579-583.
- PAVILLARD, EUGENE ROBIN JOSEPH, M.B., B.S. (Lond.), Lecturer in Microbiology.  
A comparison of the phagocytic and bactericidal ability of guinea pig alveolar and mouse peritoneal macrophages. Aust. jour. of exp. biol. and med. sci. 40 (1962), 207.
- PENNY, RONALD EDGAR COOPER, B.A. (Melb.), Lecturer in Psychology.  
Exogenous determinants of organizational behaviour. Jour. of indust. relations 4 (1962), 43-51.  
Homans sentiment/Interaction hypothesis. Psychological reports 11 (1962), 257-258.  
Marriage guidance: a survey of a country town. Aust. jour. of social work 15 (1962), 15-21.

- PHEAR, DAVID NORMAN, M.A., M.D. (Camb.), M.R.C.P., M.R.A.C.P., Senior Lecturer in Medicine and Mortlock Fellow.  
 Normal and diabetic patterns of insulin response to glucose. *Lancet* 2 (1962), 955.  
 Occlusion of the coronary and the cerebral arteries—two separate and distinct disease processes. *Med. jour. of Aust.* 1 (1962), 149.
- PILTON, PHYLLIS EVELYN, B.Sc., Technical Officer, Department of Zoology.  
 Reproduction in the marsupial *Trichosurus vulpecula* (with G. B. Sharman). *Jour. of endocrin.* 25 (1962), 119-136.
- RADDEN, BRYAN GRAY, B.D.Sc. (W.A.), Ph.D. (Lond.), F.D.S.R.C.S. (Eng.), Senior Lecturer in Oral Pathology, Dental School.  
 Cytochemical variations in the granules of rat mast cells, and their relation to mast cell maturation. *Aust. jour. of exp. biol. and med. sci.* 40 (1962), 9-16.  
 The effects of a calcium-deficient diet on the mast cells associated with bone and teeth. *Jour. of dental res.* 41 (1962), 352-4.  
 A fibrous epulis in a boy aged three years (with P. C. Reade). *Dent. pract.* 12 (1961), 125-6.  
 Odontogenic myxoma of the jaw (with P. C. Reade). *Oral surg., oral med., oral path.* 15 (1962), 355-61.
- READE, PETER CLARENCE, B.D.S. (Adel.), F.D.S.R.C.S. (Eng.), Lecturer in Periodontia, Dental School.  
 Facial actinomycosis (with B. G. Radden). *Aust. dental jour.* 6 (1961), 352.  
 A fibrous epulis in a boy aged three years (with B. G. Radden). *Dental practitioner* 12 (1961), 125.  
 Herpes simplex infections of the mouth. *Med. jour. of Aust.* (1961), 470.  
 Odontogenic myxoma of the jaw (with B. G. Radden). *Oral surg., oral med., oral path.* 13 (1962), 355.  
 Oral pigmentation in a group of Australian aborigines. *Jour. of dent. res.* 41 (1961), 510.  
 Oral ulcers. *Aust. dent. jour.* 6 (1961), 358.
- REID, ROBERT LEIGHTON, M.A., Lecturer in Politics.  
 South Australian politicians and the proposals for federation. *Melb. stud. in educ.* 1960-61, E.L. French, ed. 204-220.  
 The South Australian elections 1959. Policies, parties and politicians (with R. Hetherington), 150p. Adelaide, Rigby, 1962.
- ROBSON, HUGH NORWOOD, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P., M.R.C.P., Professor of Medicine.  
 Heredity in human disease. *Med. jour. of Aust.* 2 (1962), 96.
- ROE, ERNEST, M.A. (Oxford), B.Ed. (Q'sld.), Lecturer in Education.  
 Children's reading—some basic issues. *Educ. news* 8 (1961) 14.  
 Experimental work for teachers. Pt. 1. *S.A. teachers' jour.* 12 (1962), 28-29.  
 Experimental work for teachers. Part 2. *S.A. teachers' jour.* 12 (1962), 7-8.  
 Failure without anxiety. *Aust. jour. of educ.* 6 (1962), 113-125.  
 Some thoughts on examining. *Opinion* 6 (1962), 6-17.  
 Promise and performance (with F. J. Schonell and others). xxv + 405p. Joint publication of the Univ. of Qld. and the Univ. of London press, 1962.
- ROGERS, WILLIAM PERCY, M.Sc. (W.A.), Ph.D., D.Sc. (Lond.), F.A.A., Professor of Zoology.  
 The use of isotopes in the study of biochemistry of parasites. In *Radioactive isotopes in tropical medicine*, 1962, p. 341-53. Internat. atomic energy agency, Vienna.
- ROWLEY, DERRICK, M.D., Ph.D. (Lond.), Professor of Microbiology.  
 Antigenic cross reaction between host and parasite as a possible cause of pathogenicity (with C. R. Jenkin). *Nature* 193 (1962), 4811.  
 Purification of opsonins from pig serum (with C. R. Jenkin). *Immunology* 5 (1962), p. 557-565.
- ROY, ALEXANDER BILTON, Ph.D., D.Sc. (Edin.), Senior Lecturer in Biochemistry.  
 The enzymic synthesis of aryl sulphamates. 3. The specificity and mechanism of the activation of rat-liver arylamine sulphokinase by 17-oxo steroids. *Biochem. jour.* 82 (1962), 66-71.  
 The histochemical detection of arylsulphatases. *Jour. of histochem. cytochem.* 10 (1962), 106-107.

- The kinetics of pyruvic carboxylase. A reinterpretation of the data of Eadie & Gale. *Arch. biochem. biophys.* 99 (1962), 350-351.
- The Zimmermann reaction. *Aust. jour. of exp. biol. and med. sci.* 40 (1962), 415-426.
- RUDÉ, GEORGE FREDERICK ELLIOT, M.A. (Camb.), Ph.D. (Lond.), F.R. Hist. Soc., Senior Lecturer in History.  
John Wilkes: the eighteenth-century radical. *Papers and proc. of the Tas. hist. res. assoc.* 9 (1962), 146-60.  
Quelques réflexions sur la composition, le rôle, les idées et les formes d'action des san-culottes dans la Révolution française. *Critica storica* 1 (1962), 369-83.  
Wilkes and liberty: a social study of 1763 to 1774. 240p. Oxford, Clarendon Press, 1962.
- RUDRUM, ALAN WILLIAM, B.A. (Lond.), Ph.D. (Nott.), Lecturer in English.  
Henry Vaughan's "The Book": a hermetic poem. *A.U.M.L.A.* 16 (1961), 161-66.  
Review, Wordsworth and Schelling, a typological study of romanticism, by E. D. Hirsch Jr., *A.U.M.L.A.* 16 (1961), 209-11.
- RUSSELL, ERIC ALFRED, B.A., B.Com. (Melb.), M.A. (Camb.), Reader in Economics.  
Australia and the European common market. University of Adelaide, Seventh summer school of business administration, *Proc.* 1962, 21-36.
- SASSE, WOLFGANG HERMANN FRITZ, Ph.D., Lecturer in Organic Chemistry.  
The catalytic toxicities of the phenyl derivatives of the hydrogenolysis by W-7 Raney Nickel (*with* G. D. F. Jackson). *Chem. soc. Jour.* (1962), 3746.  
The desulphurisation of 2,7-Dihydrobenzo (c,e) thiepin (*with* G. M. Badger and P. Cheuychit). *Chem. soc. Jour.* (1962), 3241.  
The desulphurisation of alcohols derived from thiophen (*with* G. M. Badger and P. Cheuychit). *Chem. soc. Jour.* (1962), 3235.
- SATCHELL, GEOFFREY HAROLD, B.Sc. (Lond.), Ph.D. (Leeds), Senior Lecturer in Zoology.  
Pharyngeal proprioceptors in the dogfish *Squalus acanthias* L. (*with* K. Way). *Jour. of exp. biol.* 39 (1962), 243-250.
- SILIAKUS, HENDRICUS JOHANNES, B.A. (Birm.), Lecturer in German.  
Intensive Lehrmethode (Möglichkeiten und Grenzen) Deutschunterricht für Ausländer 5/6 (1961/2), 134-139.  
A report on the first intensive course in German conducted at the University of Adelaide. *Babel* 16 (1961), 4-7.
- SKINNER, SANDFORD LLOYD, M.D., Research Fellow, Department of Physiology.  
Carotid body stimulation by 5-hydroxytryptamine in man (*with* R. F. Whelan). *Jour. of physiol.* 162 (1962), 35-43.  
Circulation in forearm skin and muscle during adrenaline infusions (*with* R. F. Whelan). *Aust. jour. exp. biol.* 40 (1962), 163-172.  
Evidence against presence of chromaffin cells in human skin (*with* L. R. Matz). *Circulation res.* 11 (1962), 418-422.  
Staining characteristics of chromaffin granules in human skin (*with* L. R. Matz). *Nature* 194 (1962), 585-586.
- SMART, JOHN JAMIESON CARSWELL, M.A. (Glas.), B.Phil. (Oxford), Hughes Professor of Philosophy.  
Cödel's theorem, Church's theorem and mechanism. *Synthese* 13 (1961), 105-10.  
Dispositional properties. *Analysis* 22 (1961-2), 44-6.  
Brain processes and incorrigibility. *Aust. jour. of phil.* 40 (1962), 68-70.  
Tensed statements: a comment. *Philosophical quarterly* 12 (1962), 264-5.
- SMITH, DEREK, B.A. (Liv.), Demonstrator in Geography.  
A school field club. *Taminga* 3 (1962).
- SPARROW, DAVID HERWARD BURNABY, B.Sc. (Reading), Lecturer in Agronomy, Waite Agricultural Research Institute.  
Gibberellic acid and the malting of embryo-less barley (*with* L. G. Paleg). *Nature* 193 (1962), 1102-1103.  
Physiological effects of gibberellic acid. IV. On barley grain with normal, x-irradiated and excised embryos (*with* L. G. Paleg and A. Jennings). *Plant physiol.* 37 (1962), 479-583.

- STORER, ROBIN GEORGE, B.Sc., Research Student, Department of Mathematical Physics.  
 Kinetic theory of second order effects in fluids (*with* H. S. Green). Proc. of the Internat. symposium on second order effects in elasticity, plasticity and fluid dynamics (Haifa, 1962), Oxford, Pergamon, 1962, 31-42.  
 Theory of higher order effects in fluids (*with* H. S. Green). Phys. of fluids 5 (1962), 1212-1218.
- STREHLOW, THEODOR GEORGE HENRY, M.A., Reader in Australian Linguistics.  
 Aboriginal language, religion, and society in Central Australia. Australian territories 2 (1962), 4-11.  
 Aboriginal Australia: languages and literature. Hemisphere 6 (1962), 2-7.
- SVED, GEORGE, Dip.Mech.Eng. (Bud.), Reader in Civil Engineering.  
 Analysis of single bay tall buildings subjected to horizontal loads. Civil engineering transactions of the Institution of engineers, Australia, 4 (1962), 12/13.  
 The design of tall buildings under wind loads (*with* F. B. Bull). Univ. of Hong Kong, Golden jubilee congress, "Wind forces on tall buildings", 26p. Hong Kong, Hong Kong University press, 1962.
- SZEKERES, GEORGE, Dip.Chem.Eng. (Bud.), Reader in Mathematics.  
 Fractional iteration of exponentially growing functions. Jour. of the Aust. math. soc. 2 (1962), 301-20.  
 On some extremum problems in elementary geometry (*with* P. Erdős). Annales univ. sci. Budapest 3/4 (1960/61), 53-62.  
 Tables of the logarithm of iteration of  $e^x - 1$  (*with* K. W. Morris). Jour. of the Aust. math. soc. 2 (1962), 321-33.
- TALBOT, JAMES LAWRENCE, B.A. (Camb.), M.A. (Calif.), Lecturer in Geology.  
 A suite of volcanic rocks with spilitic affinities from the archaean of South Australia (*with* J. B. Jones and E. M. McBriar). Aust. jour. of sci. 24 (1962), 356.
- TAYLOR, BRIAN KINGZETT, M.A. (Lond.), Lecturer in Social Studies.  
 The Western Lacustrine Bantu. 210p. London, International African Institute, 1962.
- TURNER, KEVEN JAMES, Ph.D., Research Fellow, Department of Microbiology.  
 Carageenin as a protein precipitant (*with* B. J. Magnusson). Nature 194 (1962), 451.
- TWIDALE, CHARLES ROWLAND, M.Sc. (Brist.), Ph.D. (McGill), Senior Lecturer in Geography.  
 Aspects of geomorphology in relation to pedogenesis. Symposium on geochronology and land surfaces in relation to soils in Australia, Adelaide, 1961, 134-141.  
 Geochronology and land surfaces in relation to soils in Australasia (*with* J. A. Prescott and C. G. Stephens). Adelaide Symposium, December, 1961. Aust. jour. of sci. 25 (1962), 47-49.  
 Some problems of slope development. Jour. of the Geol. soc. of Aust. 6 (1960), 131-147.  
 Steepened margins of inselbergs from north-western Eyre Peninsula, South Australia. Zeitschr. f. geomorph. 6 (1962), 51-69.  
 Wasserversorgung in Süd-Australien. Geogr. Rundschau 13 (1961), 155-159.
- TYLER, MICHAEL J., Laboratory Assistant, Department of Physiology.  
 New hylid frog from the central highlands of New Guinea. Records of the South Aust. Museum 14 (1962), 253-257.  
 Notes on the Papuan hylid frog, *Nyctimystes gularis* Parker. Copeia 2 (1962), 435-436.  
 Observations on the influence of frogs on the ecology of coffee plantations in the western highlands of New Guinea. Papua and New Guinea agric. jour. 14 (1962), 151-152.  
 On the possible existence of a giant frog in New Guinea. Brit. jour. of herpetology 3 (1962), 28-30.  
 Pharmacology of the heart of *Tiliqua* (*Trachysaurus*) *rugosa* (the sleepy lizard) (*with* I. S. de la Lande and B. R. Pridmore). Aust. jour. exp. biol. 40 (1962), 129-138.  
 A record of the parasitism of New Guinea frogs' eggs by dipterous larvae. Western Aust. naturalist 8 (1962), 102-103.  
 Unusual observations on the lizard *Tiliqua* (*Trachysaurus*) *rugosa* (Gray). The Sth. Aust. naturalist Dec. (1962), 22-23.

- URWIN, JACK ROBSON, Ph.D., Senior Lecturer in Physical and Inorganic Chemistry. Turbidimetric titrations. Part I (*with* J. M. Stearne). *Die makromolekulare chemie* 56 (1962), 76-87.
- VAARTAJA, LAURI OLAVI, Ph.D. (Helsinki), Forest Pathologist, Waite Agricultural Research Institute.  
 Ecotypic variation in photoperiodism of trees with special reference to *Pinus resinosa* and *Thuja occidentalis*. *Can. jour. of bot.* 40 (1962), 849-856.  
 Photoperiodism in *Eucalyptus camaldulensis* and *E. globulus*. *Can. dept. of forestry. For. entom. pathol. branch. Bi-monthly prog. rept.* 18 (1962), 2.  
 The relationship of fungi to survival of shaded tree seedlings. *Ecology* 43 (1962), 547-549.
- VAN DONGEN, ROBERT, student, Department of Anatomy.  
 Aboriginal blood pressures at Beswick, south-western Arnhem Land, and correlation with physical dimensions (*with* A. A. Abbie and V. Davivongs). *Med. jour. of Aust.* 2 (1962), 286-289.
- VON DER BORCH, CHRISTOPHER CARL, B.Sc., Demonstrator in Geology.  
 Occurrence of magnesite-dolomite sediments in South Australia (*with* A. R. Alderman). *Nature* 192 (1961), 861.
- WALLACE, ROBERT HENRY, B.Com. (Melb.), B.Phil. (Oxford), Senior Lecturer in Economics.  
 Credit creation in a multi-bank system (*with* P. H. Karmel). *Aust. econ. papers* 1 (1962), 95-98.
- WATKINS, EDWARD H., M.E., Research Worker in Mechanical Engineering Department.  
 Propeller vibration tests on a 19,000 ton ore carrier. *Roy. inst. of naval arch. Aust. branch* (published as a separate paper).
- WEST, BRUCE OSWALD, Ph.D. (Adel. and Camb.), F.R.A.C.I., Reader in Inorganic Chemistry.  
 The chemistry of inner complexes. *Rev. of pure and applied chem.* 10 (1960), 207-242.  
 Iodomercurate complexes with group V quaternary iodides. Part I. Aqueous decompositions and absorption spectra (*with* G. B. Deacon). *Chem. soc. Jour.* (1961), 3929-3935.  
 Iodomercurate complexes with group V quaternary iodides. Part II. Reactions with triphenylphosphine (*with* G. B. Deacon). *Chem. soc. Jour.* (1961), 5127-5131.  
 The magnetic moments and structures of some N-substituted salicylideneimine complexes of cobalt (II). *Chem. soc. Jour.* (1962), 1374-1378.  
 Perfluoroalkyl-bismuth and -thallium compounds (*with* T. N. Bell and B. J. Pullman). *Chem. soc. Proc.* (1962), 224.  
 The reaction of alkali metal derivatives of group IV metal alkyls with bis(cyclopentadienyl)titanium (IV) dichloride (*with* R. S. Dickson). *Aust. jour. of chem.* 14 (1961), 555-561.  
 The reactions of metal complexes with alkyl halides—I. Reactions of halo(triphenylphosphine) mercury (II) and quaternary halomercurate (II) complexes (*with* G. B. Deacon). *Jour. of inorg. nuclear chem.* 24 (1962), 169-178.  
 The reactions of trichloriodomethane with some organometallic compounds of group VB elements (*with* B. J. Pullman). *Jour. of inorganic nuclear chem.* 19 (1961), 262-271.
- WHELAN, ROBERT FORD, B.A.O., M.D., Ph.D., D.Sc. (Belf.), Professor of Human Physiology and Pharmacology.  
 Carotid body stimulation by 5-hydroxytryptamine in man (*with* S. L. Skinner). *Jour. of physiol.* 162 (1962), 35-43.  
 Circulation in forearm skin and muscle during adrenaline infusions (*with* S. L. Skinner). *Aust. jour. of exp. biol.* 40 (1962), 163-172.  
 Effect of hexamethonium on the vascular response to noradrenaline in man (*with* R. L. Hodge). *Brit. jour. of pharmacol.* 18 (1962), 331-336.  
 Role of lactic acid in the vasodilator action of adrenaline in the human limb (*with* I. S. de la Lande). *Jour. of physiol.* 162 (1962), 151-154.
- WOODROOFE, KATHLEEN, Ph.D., Senior Lecturer in History.  
 Charles Stewart Loch. His ideas, work and influence. *Social work* 18 (1961), 2-10.  
 From charity to social work in England and the United States. 247p. London, Routledge and Kegan Paul, 1962.

# Financial Statements

1962

## THE UNIVERSITY

*Income and Expenditure Account for the*

INCOME			1962	1961
NORTH TERRACE	Schedule	£	£	£
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the				
University Act .. .. .	.....	39,000		39,000
Grant for 1962 .. .. .	.....	1,944,000		1,797,000
			1,983,000	1,836,000
<i>Interest—</i>				
Commonwealth Inscribed Stock .. .. .	.....	6,977		7,293
Debentures .. .. .	.....	8,048		9,096
Treasury of South Australia .. .. .	.....	18,934		11,895
Agent-General .. .. .	.....	430		418
Mortgage Advances .. .. .	.....	1,898		2,093
		36,287		30,795
<i>Less Interest credited to Special Funds</i>	L	16,407		14,351
			19,880	16,444
<i>Interest and Dividends on Investments</i> .. .. .	.....		14,655	13,451
<i>Student Fees</i> .. .. .	M		245,135	226,758
<i>Other Income</i> .. .. .	N		25,137	28,354
Deficit — 1962 .. .. .	.....		2,575	—
<b>Total North Terrace</b> .. .. .	.....		2,290,382	2,121,007
<b>Total Waite Institute</b> .. .. .	.....		372,109	365,297
			<u>£ 2,662,491</u>	<u>£ 2,486,304</u>

## OF ADELAIDE

year ended 31st December, 1962

## EXPENDITURE

## NORTH TERRACE

Schedule

£

1962  
£1961  
£*Departmental—*

Salaries and Wages .....	A	1,270,340	1,128,159
Travelling Expenses—New Appointments .....		24,172	19,093
Faculty Expenses .....	B	16,383	16,049
Laboratory Maintenance Grants .....	A	107,874	86,664
Equipment and Furniture under £5,000 .....	A	91,903	135,865

		1,510,672	1,385,830
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*Library—*

Salaries .....		59,744	48,626
Books and Binding .....		63,221	62,719

		122,965	111,345
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*Administrative Salaries*

		109,341	94,272
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*Research—*

Salaries .....	A	47,987	46,511
Equipment .....	A	38,120	32,427
Maintenance .....	A	43,415	30,651
Travelling Expenses .....	A	4,599	4,778

		134,121	114,367
--	--	---------	---------

*Maintenance of Property—*

Caretakers' and Cleaners' Wages .....		62,839	53,739
Building Repairs, Maintenance, Minor Reconstructions, et cetera .....	C	98,655	108,052
Maintenance of Site and Grounds .....		17,048	13,907
Maintenance of Sports Grounds .....		11,612	11,304

		190,154	187,002
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*University College Scholarships*

		7,000	7,000
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*Sundry—*

Payroll Tax .....		38,996	33,946
Scholarships and Prizes .....	D	12,669	8,109
General Expenses—Printing, Stationery, Miscellaneous .....	E	66,754	56,622
Gas, Water, Electricity, Insurance .....	F	43,321	36,743
Special Grants .....	G	28,345	29,091
Study Leave .....	H	22,475	23,848
Superannuation Retiring Allowances .....		3,569	7,332

		216,129	195,691
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*Surplus—1961*

		—	25,500
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Total North Terrace .....		2,290,382	2,121,007
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Total Waite Institute .....		372,109	365,297
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		<u>£ 2,662,491</u>	<u>£ 2,486,304</u>
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## THE UNIVERSITY

*Income and Expenditure Account for the*

INCOME								
WAITE AGRICULTURAL RESEARCH INSTITUTE								
						<i>Schedule</i>	1962	1961
						£	£	£
<i>Government Grants—</i>								
H.M. Government of S.A.—Under the								
University Act						5,000		5,000
Grant for 1962						355,000		345,836
							360,000	350,836
<i>Interest</i>						O	9,275	9,664
<i>Other Income</i>						P	1,312	1,354
<i>Deficit—1962</i>							1,522	3,443
							£ 372,109	£ 365,297

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling £232,441, detailed on pages 504-511 inclusive of these accounts.

W. MEIKLEJOHN,  
Assistant Registrar (Finance).

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, 1962, and do certify the above statement to be a correct abstract of such Income and Expenditure during

## OF ADELAIDE

year ended 31st December, 1962 - Continued

EXPENDITURE			1962	1961
WAITE AGRICULTURAL RESEARCH INSTITUTE			£	£
	Schedule	£		
<i>Departmental—</i>				
Salaries and Wages .....	I	179,653		169,733
Travelling Expenses—New Appointments .....		1,404		844
Faculty Expenses .....		903		2,132
Laboratory Maintenance Grants .....	I	28,801		21,787
Equipment and Furniture under £5,000 .....	I	25,966		38,297
			236,727	232,793
<i>Library—</i>				
Salaries .....		3,700		3,573
Books and Binding .....		6,798		6,197
			10,498	9,770
<i>Administrative Salaries .....</i>			24,677	25,417
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages .....		7,903		6,880
Building Repairs, Maintenance, Minor Reconstructions, et cetera .....	J	21,975		24,823
Maintenance of Site and Grounds .....		5,330		5,113
			35,208	36,816
<i>Sundry—</i>				
Payroll Tax .....		5,692		5,012
General Expenses—Printing, Stationery, Miscellaneous .....	K	19,260		19,029
Gas, Water, Electricity, Insurance .....		17,776		15,086
Study Leave .....		3,831		3,642
			46,559	42,769
<i>Farm—</i>				
Wages (including Gardeners) .....		14,868		14,528
Maintenance .....		2,316		1,867
Equipment .....		1,256		1,337
			18,440	17,732
			£ 372,109	£ 365,297

the period named. We further certify that in terms of sections 4 (1) and 5 of the States Grants (Universities) Act, 1960, in relation to the year 1962, 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 £5,000 on any one item) on University purposes.

STEELE & CALDER, Chartered Accountants,  
E. F. HUNWICK, Chartered Accountant,  
Auditors.

Adelaide, 9th April, 1963.

1962 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES  
DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

A.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	17,380	28	197	1,291	—	—	—	18,896
Philosophy	15,270	1	34	206	—	—	—	15,511
Psychology	33,671	2,180	2,300	2,320	1,918	1,109	33	43,531
Political Science	14,907	1	56	—	—	—	56	15,020
History	40,269	126	357	—	3	115	524	41,394
English	41,827	102	174	1,003	10	48	256	43,420
French	14,438	27	116	—	—	—	—	14,581
German	12,552	343	251	933	—	16	18	14,113
Geography	27,937	1,380	1,371	5	316	698	1,057	32,764
Anthropological Research	3,972	48	99	324	287	486	200	5,416
Agronomy	—	—	—	—	744	202	—	946
Agricultural Chemistry	—	—	—	2,001	2,093	687	—	4,781
Plant Pathology	—	—	—	2,381	1,697	127	76	4,281
Entomology	—	—	—	—	921	78	—	999
Plant Physiology	—	—	—	280	372	338	63	1,053
Agronomy	—	—	—	600	—	—	—	600
Education	17,847	169	175	—	—	—	—	18,191
Economics	47,685	554	282	2,492	—	224	85	51,322
Commerce	14,985	127	150	1,463	—	12	69	16,806
Physics	63,595	8,274	9,907	4,974	3,632	6,343	185	96,910
Organic Chemistry	39,499	9,855	5,932	3,674	620	8,422	4	68,006
Physical & Inorganic Chemistry	59,103	12,672	8,766	5,193	2,414	6,550	—	94,698
Mathematics	46,137	311	51	254	—	717	—	47,470
Mathematical Physics	11,687	542	76	78	—	—	21	12,404
Geology	38,781	2,207	3,310	1,750	502	344	676	47,570
Economic Geology	11,919	974	996	458	966	—	—	15,313
Botany	35,469	3,181	8,607	1,676	1,093	777	242	51,045
Carried Forward	£608,930	£43,102	£43,207	£33,356	£17,588	£27,293	£3,565	£777,041

A.

## DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£608,930	£43,102	£43,207	£33,356	£17,588	£27,293	£3,565	£777,041
Botany Field Stations	—	315	—	—	—	—	—	315
Zoology	41,081	3,708	3,976	5,778	7,240	1,602	344	63,729
Genetics	20,208	1,374	437	—	205	993	5	23,222
Biochemistry	27,384	4,156	2,227	—	222	1,775	—	35,764
Physiology	40,717	2,855	2,760	1,246	1,293	2,266	30	51,167
Medical Workshop	—	391	409	—	—	—	—	800
Microbiology	25,645	4,278	1,150	3,316	162	574	81	35,206
Pathology	34,306	1,996	1,087	—	—	—	—	37,389
Medical Animal House	—	1,284	310	—	—	—	—	1,594
Anatomy and Histology	31,072	1,368	1,088	—	—	—	—	33,528
Medicine	29,919	1,645	463	—	—	—	—	32,027
Medical School Administration	—	—	109	—	—	—	—	109
Obstetrics	24,724	1,692	1,094	—	—	—	—	27,510
Surgery	24,612	1,277	1,287	—	—	—	—	27,176
Child Health	13,124	638	956	—	—	—	—	14,718
Pharmacy	—	—	—	—	170	522	—	692
Dentistry	38,578	1,351	2,491	28	108	231	251	43,038
Administration	—	—	1,808	—	—	—	—	1,808
Barr Smith Library	—	3,004	1,863	—	—	—	—	4,867
Law	27,234	752	251	1,622	—	268	67	30,194
Music	17,939	28	—	—	—	—	—	17,967
Elder Conservatorium	30,405	—	2,115	—	—	—	—	32,520
Conservatorium-Opera	—	1,596	—	—	—	—	—	1,596
Conservatorium Sundries	—	1,342	—	—	—	—	—	1,342
Conservatorium Library	—	1,148	—	—	—	—	—	1,148
Conservatorium Concerts	—	938	—	—	—	—	—	938
Civil Engineering	47,689	2,281	2,927	—	907	600	113	54,517
Mechanical Engineering	42,802	2,060	4,928	—	3,159	654	143	53,746
Carried Forward	£1,126,369	£84,579	£76,943	£45,346	£31,054	£36,778	£4,599	£1,405,668

FINANCIAL STATEMENTS

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## A. DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—continued.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture Under £5,000	RESEARCH				TOTAL
				Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£1,126,369	£84,579	£76,943	£45,346	£31,054	£36,778	£4,599	£1,405,668
Electrical Engineering	36,417	2,755	4,872	1,432	838	1,248	—	47,562
Mining Engineering	30,313	2,355	2,295	1,209	1,383	1,194	—	38,749
Architecture	26,334	1,324	2,582	—	345	2	—	30,587
Cirrus Computer	—	10,096	800	—	4,500	2,239	—	17,635
Engineering Survey Camp	—	627	—	—	—	—	—	627
Engineering Workshop	—	972	42	—	—	—	—	1,014
Social Science	8,621	56	134	—	—	—	—	8,811
Physiotherapy	8,825	54	152	—	—	—	—	9,031
Carpenters' Workshop	—	—	176	—	—	—	—	176
Plumbers' Workshop	—	—	116	—	—	—	—	116
Pensions & Gratuities	7,312	—	—	—	—	—	—	7,312
Photo Services	—	400	310	—	—	—	—	710
Electronic Workshop	—	—	191	—	—	—	—	191
Physical Education	9,744	595	268	—	—	—	—	10,607
Optometry	130	—	—	—	—	—	—	130
Books—For Research Purposes	—	—	—	—	—	1,557	—	1,557
Ancillary Staff Superannuation	5,237	—	—	—	—	—	—	5,237
Caretakers	—	—	378	—	—	—	—	378
Computer Section	7,442	—	—	—	—	—	—	7,442
Central Animal House	3,596	3,319	800	—	—	—	—	7,715
Radiation Safety Service	—	267	1,319	—	—	—	—	1,586
Aust. Science Technicians' Association	—	475	—	—	—	—	—	475
Bonython Hall	—	—	525	—	—	—	—	525
Printing	—	—	—	—	—	397	—	397
TOTAL	£1,270,340	£107,874	£91,903	£47,987	£38,120	£43,415	£4,599	£1,604,238

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1962 — Continued

EXPENDITURE			
NORTH TERRACE			
		£	£
<b>B. Faculty Expenses—</b>			
Arts—Printing and Stationery .....		1,106	
" Advertising .....		989	
" Additional Examiners and Supervisors .....		112	
Economics—Printing and Stationery .....		374	
" Advertising .....		539	
" Additional Examiners and Supervisors .....		8	
Science—Printing and Stationery .....		1,456	
" Advertising .....		1,266	
" Additional Examiners and Supervisors .....		800	
Medicine—Printing and Stationery .....		356	
" Advertising .....		1,055	
" Additional Examiners and Supervisors .....		724	
" Sundries .....		7	
Dentistry—Printing and Stationery .....		93	
" Advertising .....		59	
" Additional Examiners and Supervisors .....		67	
Law—Printing and Stationery .....		118	
" Advertising .....		76	
" Additional Examiners and Supervisors .....		204	
Music—Printing and Stationery .....		149	
" Advertising .....		55	
" Additional Examiners and Supervisors .....		5	
Conservatorium—Printing and Stationery .....		72	
" Advertising .....		50	
Engineering—Printing and Stationery .....		782	
" Advertising .....		416	
" Additional Examiners and Supervisors .....		98	
Social Science—Printing and Stationery .....		22	
" Advertising .....		165	
Physiotherapy—Printing and Stationery .....		66	
Architecture—Printing and Stationery .....		99	
" Advertising .....		32	
Technology—Printing and Stationery .....		68	
Examination Expenses—Degree and Diploma .....		3,492	
Education—Printing and Stationery .....		41	
Faculty Expenses—Sundries .....		1,362	
		<u>16,383</u>	
<b>C. Building Repairs, Maintenance, Minor Reconstructions, et cetera—</b>			
Mitchell Building .....		6,379	
Elder Conservatorium .....		12,896	
Bonython Hall .....		243	
Prince of Wales Building .....		1,677	
The Jarrah Building .....		28	
Physics Building .....		6,744	
Darling Building .....		3,736	
Carried Forward .....		<u>31,703</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules -- Income and Expenditure Account, 1962 -- Continued

EXPENDITURE		
Brought Forward .. .. .		31,703
Observatory .....		279
Union Building .....		1,280
Johnson Laboratories .....		7,001
Maintenance Superintendent's Residence ..		219
Benham Building .....		2,250
Barr Smith Library .....		2,994
Mathematics Building .....		2,135
Main Engineering Building .....		7,967
Mechanical Engineering Building ..		1,192
Medical Building .....		15,209
Mawson Laboratories .....		7,181
Carpenters' Workshop .....		585
Organic Chemistry Building .....		5,542
Biological Sciences Building .....		136
Napier Building .....		566
Seismograph Vault .....		467
Hallett .....		1,163
Central Animal House .....		46
Bragg Laboratories .....		17
Staff Club Building ..		750
Stores Building .....		839
Computing Centre .....		3
Main Engineering Building .....		3,063
Physical Education Offices .....		37
Sub-station--Main Engineering Building ..		123
Building Repairs--Miscellaneous .....		5,908
		<u>98,655</u>

## EXPENDITURE

## D. SCHOLARSHIPS AND PRIZES -- 1962

Name	Opening Balance 1/1/62	Income	Expenditure	Closing Balance 31/12/62
Angas Engineering Scholarship .. .. .	482	174	231	425
John Howard Clark Prize .. .. .	101	24	—	125
Stow Prizes & Scholarship .. .. .	—	24	60	—*
Everard Scholarship .. .. .	53	41	60	34
Eric Smith Scholarship .. .. .	24	27	—	51
Archibald Mackie Bursary .. .. .	21	5	—	26
Roby Fletcher Prize .. .. .	—	6	10	—*
Dr. Davies Thomas Scholarships .. .. .	13	24	30	7
Hartley Studentships .. .. .	—	24	25	—*
Joseph Fisher Medal & Lecture .. .. .	176	45	227	—*
Tinline Scholarship .. .. .	26	40	30	36
David Murray Scholarship .. .. .	1,469	138	12	1,595
John Bagot Scholarship .. .. .	507	40	20	527
Bunday Prize .. .. .	45	10	—	55
John Creswell Scholarships .. .. .	343	65	16	392
Alexander Clark Memorial Prize .. .. .	82	13	13	82
Lister Prize .. .. .	—	4	4	—
John Lorenzo Young Scholarship .. .. .	178	19	—	197
John L. Young Scholarship .. .. .	543	60	55	548
Dr. Charles Gosse Lectureship .. .. .	360	59	—	419
Eugene Alderman Scholarship .. .. .	30	31	37	24
Ernest Ayers Scholarship .. .. .	722	78	—	800
George Thompson Bursary .. .. .	21	7	—	28
Rennie Scholarship .. .. .	39	13	50	2
Fred Johns Scholarship .. .. .	1,570	123	—	1,693
Carried Forward .. .. .	£6,805	£1,094	£880	£7,066

## THE UNIVERSITY OF ADELAIDE

*Schedules — Income and Expenditure Account, 1962 — Continued*

Name	Opening Balance 1/1/62	Income	Expenditure	Closing Balance 31/12/62
Brought Forward .. .. .	£6,805	£1,094	£880	£7,066
Archibald Watson Prize .. .. .	15	7	12	10
T. G. Wilson Travelling Scholarship .. .. .	907	127	250	784
R. W. Bennett Prizes & Medals .. .. .	37	21	—	58
Sir Robert Chapman Prize .. .. .	9	12	10	11
Anna Florence Booth Prize .. .. .	131	35	—	166
William Gardner Scholarship .. .. .	82	82	164	—
Shorney Prize .. .. .	284	47	122	209
Lucy Josephine Bagot Prize .. .. .	16	21	15	22
The Angas Parsons Prize .. .. .	146	42	—	188
Selbourne Moutray Russell Scholarship .. .. .	141	46	17	170
Varley Scholarship .. .. .	152	46	17	181
Barr Smith Prize .. .. .	18	7	—	25
Andrew Scott Prize .. .. .	—	5	6	— *
James Gartrell Prize .. .. .	1	8	10	— *
Tormore Prize .. .. .	20	6	6	20
M. Rees George Memorial Prize .. .. .	55	10	6	59
Jefferis Memorial Medal .. .. .	36	3	3	36
Tate Memorial Medal .. .. .	9	3	—	12
Cable Makers Association Prize .. .. .	—	10	10	—
Lokan Prize .. .. .	12	4	—	16
A.M.A. (Section of Clinical Medicine) Prize .. .. .	—	11	—	11
Roche Products Prize .. .. .	25	10	35	—
St. Alban Scholarship .. .. .	—	6	—	6
League of Nations Prize .. .. .	147	10	—	157
Wyeth Prize in Obstetrics .. .. .	20	—	20	—
Thorner Bursary .. .. .	18	19	—	37
Keith Sheridan Prize .. .. .	389	34	—	423
Mining & Metallurgical Bursaries .. .. .	—	500	500	—
E. W. Way Lectureship .. .. .	19	20	—	39
Tennyson Medals .. .. .	2	4	1	5
Elder Prize .. .. .	—	—	20	— *
Robert Whinham Prize .. .. .	—	3	—	3
Hardwicke College Prize .. .. .	2	4	3	3
Way College Prize .. .. .	4	8	5	7
Annie Montgomerie Martin Prize .. .. .	—	6	5	1
Justin Skipper Prize .. .. .	40	7	—	47
J. E. Jenkins Scholarships .. .. .	245	283	200	328
Gladys Lloyd Thomas Scholarships .. .. .	25	21	17	29
James Barrans Scholarships .. .. .	384	134	90	428
Australian Society of Accountants Prize .. .. .	—	30	30	—
Elsie Marion Cornish Prize .. .. .	48	12	7	53
S.A. Chamber of Manufactures Prize .. .. .	—	10	10	—
Dental Board of S.A. Prize .. .. .	—	21	10	11
Anders & Reimers Scholarships .. .. .	263	41	20	284
Sir Archibald Strong Memorial Prize .. .. .	222	29	15	236
Gavin David Young Lectureship .. .. .	316	111	—	427
Electricity Trust of S.A. Prize .. .. .	—	11	11	—
Dental Board of S.A. Research Scholarship .. .. .	77	3	—	80
Thomas Gepp Prize .. .. .	41	9	—	50
Violet de Mole Prize .. .. .	154	24	5	173
J. B. Cleland Prize .. .. .	4	5	10	— *
E. Harold Davies Scholarship .. .. .	39	22	6	55
Edith Hubbe & Harriet Cook Prize .. .. .	136	25	16	145
Natalia Davies Prize .. .. .	13	13	10	16
Baker Scholarship .. .. .	1,405	225	900	730
T. L. Borthwick Prize .. .. .	4	4	6	2
C. & J. Campbell Prize .. .. .	28	20	15	33
Elder Travelling Scholarship .. .. .	44	22	—	66
Guli Magarey Scholarship .. .. .	14	21	16	19
Frederick Bevan Memorial Scholarship .. .. .	116	29	21	124
E. V. Clark Prize .. .. .	126	4	7	123
William Culross Prize .. .. .	10	10	16	4
Eva Lines Memorial Scholarship .. .. .	84	23	15	92
Sir Hugh Cairns Memorial Prize .. .. .	101	47	30	118
D. B. Adam Memorial Prize .. .. .	32	13	9	36
Carried Forward .. .. .	£13,473	£3,500	£3,609	£13,434

## THE UNIVERSITY OF ADELAIDE

## Schedules — Income and Expenditure Account, 1962 — Continued

Name	Opening Balance 1/1/62	Income	Expenditure	Closing Balance 31/12/62
Brought Forward .. .. .	£13,473	£3,500	£3,609	£13,434
Maude Puddy Scholarship .. .. .	59	22	16	65
Gerard Prize .. .. .	21	21	21	21
Tew Prize .. .. .	4	4	3	5
Baillieu Research Scholarships .. .. .	1,277	245	—	1,522
Rutter Jewell-Thomas Medal & Prize .. .. .	175	32	—	207
Institute of Chartered Accountants Prize in Financial Accounting .. .. .	—	—	11	11Dr.
Dr. Ruby Davy Scholarship .. .. .	133	17	—	150
T. E. Barr Smith Travelling Scholarship .. .. .	2,213	842	565	2,490
John Barker Scholarship .. .. .	245	128	45	328
Thomas D. Hannon Prize .. .. .	24	6	4	26
Phillips Electrical Industries—Prize in Electronics .. .. .	—	60	60	—
William Donnithorne Award .. .. .	91	122	131	82
Pfizer Prize in Gynaecology .. .. .	25	50	50	25
George Murray Scholarships .. .. .	—	—	5,561	—*
Athol Lykke Award .. .. .	382	148	—	530
Chapman Memorial Scholarship .. .. .	123	64	—	187
Weimar-Ohlstrom Prizes .. .. .	18	18	18	18
John Lewis Prize (Royal Geographical Society of Australasia) .. .. .	—	5	5	—
The British Psychological Society Prize .. .. .	5	5	5	5
J. R. Wilton Prize .. .. .	8	6	8	6
Charles Fenner Prize in Geography .. .. .	5	6	5	6
The Electricity Trust Prize in Electrical Power Engi- neering .. .. .	—	50	50	—
A. Grenfell Prize Prize in Geography .. .. .	7	6	5	8
The Byard Prize .. .. .	16	7	6	17
The Shell Prize in Mechanical Engineering .. .. .	25	25	25	25
The Shell Prize in Economics .. .. .	25	25	25	25
Adelaide Chamber of Commerce Prize .. .. .	—	11	11	—
Kenneth and Hazel Milne Travelling Scholarship in Architecture .. .. .	648	380	202	826
Economic Society Prize .. .. .	—	11	11	—
The Hume Prize in Civil Engineering .. .. .	—	25	25	—
Forwood Down Prize in Mechanical Engineering .. .. .	—	11	11	—
The Lienau Prize .. .. .	20	20	20	20
Clement Q. Williams Memorial .. .. .	5	20	15	10
James Hardie Prize in Architecture .. .. .	—	100	100	—
Standard-Vacuum Prize in Chemical Engineering .. .. .	—	32	32	—
Albright & Wilson Prize .. .. .	—	32	32	—
Florence Cooke Violin Prize .. .. .	9	5	—	14
The Kloeden-McCormick-Goodhart Scholarship .. .. .	—	44	44	—
Union Carbide Prizes .. .. .	—	100	150	50Dr.
J. G. Wood Memorial Scholarship .. .. .	3	25	25	3
Fisk Prize of Institute of Radio Engineers .. .. .	—	10	10	—
Australian Welding Institute Prize .. .. .	—	20	20	—
S.A. Institute of Architects Prize .. .. .	—	32	32	—
A. J. Schulz Bequest .. .. .	441	107	—	548
Sir William Goodman Scholarship .. .. .	72	235	—	307
Bertha H. Sudholz Scholarship .. .. .	67	82	—	149
James Hardie Prize in Civil Engineering .. .. .	—	50	50	—
Edith Puddy Prize .. .. .	—	5	6	—*
Hope Crampton Prize .. .. .	—	4	5	—*
S.A. Gas Co. Prize in Architecture .. .. .	—	100	100	—*
Smith Kline & French Prize in Microbiology .. .. .	—	50	—	50
Bonython Prize in Law .. .. .	—	—	100	—*
Sir Ronald Fisher Prize .. .. .	—	11	11	—
	£19,619	£6,936	£11,240	£21,048

\* The closing balances of these Scholarship Accounts have been transferred to the Income and Expenditure Account.

Expenditure (Column 3) .. .. .	£11,240
Excess—Closing Balances .. .. .	£21,048
Opening Balances .. .. .	£19,619
	<u>£12,669</u>

## THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1962—Continued

## EXPENDITURE

## NORTH TERRACE

	£	£
<b>E. General Expenses—</b>		
Caretaking and Cleaning .....	6,227	
Miscellaneous Charges .....	1,503	
Printing and Stationery—General .....	13,269	
Advertising—General .....	706	
Duty Stamps and Exchange .....	365	
Postages and Telegrams .....	4,824	
Maintenance of Office Machines .....	1,026	
Auditors' Fees and Legal Expenses .....	1,437	
Senate .....	476	
Telephone Charges .....	15,495	
Calendar—Printing .....	5,196	
Visiting Lecturers—Expenses .....	61	
Fire Protection Charges .....	731	
Laundry Services .....	3,500	
Travelling Expenses .....	3,055	
Australian Vice-Chancellors' Committee— Expenses .....	1,354	
Maintenance of Lifts—General .....	505	
Maintenance of Lifts—Medical Building .....	725	
General Service Truck Maintenance .....	501	
Administration Car Expenses .....	160	
Interest on Overdraft .....	14	
Staff Fees Payable to Institute of Technology and other Schools .....	268	
Heating Fuel Account—		
Barr Smith Library .....	519	
Napier Building .....	506	
Physics Building .....	102	
Geography Excursions .....	474	
S.A. Institute of Technology .....	340	
Geology Excursions .....	284	
Botany Excursions .....	168	
Geology Maps .....	42	
Dental Lockers .....	16	
Laboratory Breakages .....	3,961	
Bedford Park Expenses .....	308	
	<u>68,118</u>	
<b>Deduct Credit Balances—</b>		
Discount Received .....	648	
Overhead Recovery .....	716	
	<u>1,364</u>	
		<u>66,754</u>
<b>F. Gas, Water, Electricity and Insurance—</b>		
Gas and Electricity Supply .....	26,736	
Water Rates .....	8,173	
Insurance Premiums .....	8,412	
	<u>43,321</u>	
<b>G. Special Grants—</b>		
Adult Education .....	20,500	
Publications Fund .....	300	
Graduates' Union .....	868	
Staff Club .....	1,000	
Australian Institute of Nuclear Science and Engineering .....	1,002	
Carried Forward .....	<u>23,670</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1962 — Continued

## EXPENDITURE

## NORTH TERRACE

	£	£
Brought Forward .. .. .	23,670	
Theatre Guild .. .. .	225	
Anthropological Research .. .. .	200	
Postgraduate Committee in Medicine .. .. .	3,200	
Australian Journal .. .. .	1,050	
		<u>28,345</u>

## H. Study Leave—

General .. .. .	13,744	
Research—Type Conferences .. .. .	6,474	
Visiting Lecturers .. .. .	585	
Short Overseas Conferences .. .. .	1,672	
		<u>22,475</u>

## WAITE AGRICULTURAL RESEARCH INSTITUTE

## I. DEPARTMENTAL FUNDS EXPENDED — 1961

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment and Furniture Under £5,000	TOTAL
Agronomy & Plant Breeding .. .. .	54,777	4,644	3,323	62,744
Agricultural Chemistry .. .. .	44,033	11,186	8,301	63,520
Plant Pathology .. .. .	34,208	3,411	2,669	40,288
Entomology .. .. .	29,688	3,242	2,353	35,283
Plant Physiology .. .. .	16,941	2,662	2,529	22,132
Faculty .. .. .	6	—	—	6
South Wing Basement .. .. .	—	602	—	602
Glasshouses .. .. .	—	1,318	—	1,318
Fruit Fly .. .. .	—	561	255	816
Students .. .. .	—	1,175	905	2,080
Administration .. .. .	—	—	4,512	4,512
Laboratory Furniture .. .. .	—	—	1,119	1,119
	£ 179,653	28,801	25,966	234,420

## J. Building Repairs, Maintenance, Minor Reconstructions, et cetera—

Urrbrae House and Cottages .. .. .	3,657	
Building Repairs—Miscellaneous .. .. .	18,318	
		<u>21,975</u>

## THE UNIVERSITY OF ADELAIDE

*Schedules—Income and Expenditure Account, 1962—Continued*

## EXPENDITURE

## WAITE INSTITUTE

	£	£
K. <i>General Expenses—</i>		
Telephone .....	2,728	
Printing and Stationery .....	2,630	
Freight and Cartage .....	247	
Photography .....	390	
Publications .....	1,322	
Trav. Expenses—General Administration ...	475	
"    "    Agronomy and Plant		
Breeding .....	2,506	
"    "    Agricultural Chemistry ...	470	
"    "    Plant Pathology ...	1,279	
"    "    Entomology .....	2,749	
"    "    Plant Physiology .....	558	
Advertising .....	142	
Postages .....	938	
Laundry .....	787	
Cleaners' Materials .....	756	
Sundries .....	1,250	
Travelling Expenses—Farm ...	33	
		<u>19,260</u>

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1962 — Continued

## INCOME

## NORTH TERRACE

	£	£
<b>L. Interest—</b>		
Commonwealth Inscribed Stock .....	6,977	
Treasury of South Australia Interest .....	18,934	
Mortgage Advances .....	1,898	
Agent-General—Interest .....	430	
Interest on Debentures .....	8,048	
	<u>36,287</u>	
 <i>Less:</i>		
<i>Interest Credited to Special Funds—</i>		
Personal Superannuation Accumulation Accounts .....	7,159	
Other Trust Funds .....	9,248	
	<u>16,407</u>	
		<u>19,880</u>
 <b>M. Fees—</b>		
Arts .....	20,907	
Economics .....	13,928	
Science .....	46,058	
Medicine .....	54,139	
Dentistry .....	7,636	
Law .....	14,867	
Music .....	2,429	
Conservatorium .....	13,068	
Engineering .....	27,799	
Technology .....	1,981	
Social Studies .....	4,616	
Physiotherapy .....	5,049	
Agricultural Science .....	5,384	
Optometry .....	429	
Physical Education .....	1,134	
Architecture .....	8,269	
Pharmacy .....	423	
General Service Fee .....	17,019	
		<u>245,135</u>
 <b>N. Other Income—</b>		
Rent Investment Properties .....	5,526	
Less—Maintenance Properties .....	2,049	
	<u>3,477</u>	
Calendar Sales .....	652	
Examination Paper Sales .....	416	
Hire of Rooms .....	171	
Grant from C.S.I.R.O. and various benefactors for Animal Ecology .....	1,850	
Statements of Academic Record .....	258	
Commonwealth Government Grant— Physical Education .....	2,100	
Superannuation Commission .....	3,178	
Administration Charge Refunds .....	6,702	
Rural Credits Development Fund—Grant for Readership in Agric. Economics .....	3,000	
Carried Forward .....	<u>21,804</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1962 — Continued

## INCOME

## NORTH TERRACE

	£	£
Brought Forward .. .. .	21,804	
Library Fees .. .. .	270	
Library Fines .. .. .	865	
Australian Mineral Development Laboratories Grant for Salaries in Economic Geology .. .. .	1,600	
Parking Fines .. .. .	149	
Parke-Davis & Co., Contribution towards Chair of Parasitology .. .. .	1,000	
Third Annual Contribution towards the Chair of Microbiology .. .. .	1,407	
	<u>27,095</u>	
Less Transfer to Fund for Replacement of Major Equipment and Plant .. .. .	5,000	
		<u>22,095</u>

## External Scholarships and Prizes—

The Cable Makers Association Prize .. .. .	10	
A.M.A. (Section of Clinical Medicine) Prize .. .. .	10	
Roche Products Prize .. .. .	10	
Mining and Metallurgical Bursaries .. .. .	500	
Aust. Society of Accountants Prize .. .. .	30	
S.A. Chamber of Manufactures Prize .. .. .	10	
Electricity Trust of S.A. Prize .. .. .	10	
Gerard Prize in Electrical Engineering .. .. .	21	
Rutter Jewell-Thomas Medal and Prize .. .. .	24	
T. E. Barr Smith Travelling Scholarship in Agriculture .. .. .	750	
Philips Electrical Industries Prizes in Electronics .. .. .	60	
W. Donnithorne Awards .. .. .	4	
Pfizer Prize in Gynaecology .. .. .	50	
Athol Lykke Award for Postgraduate Studies in Music .. .. .	130	
Weimar-Ohlstrom Prizes .. .. .	18	
John Lewis Prize (Royal Geographical Society) .. .. .	5	
Dental Board of S.A. Prize .. .. .	21	
The British Psychological Society Prize .. .. .	5	
J. R. Wilton Prize .. .. .	5	
Charles Fenner Prize in Geography .. .. .	5	
The Electricity Trust of S.A. Prize in Power Engineering .. .. .	50	
A. Grenfell Prize Prize in Geography .. .. .	6	
The Byard Prize .. .. .	5	
The Shell Prize in Mechanical Engineering .. .. .	25	
The Shell Prize in Economics .. .. .	25	
Adelaide Chamber of Commerce Prize .. .. .	11	
Kenneth and Hazel Milne Travelling Scholarship in Architecture .. .. .	352	
Economic Society Prize .. .. .	11	
The Hume Prize in Civil Engineering .. .. .	25	
Forwood Down Prize in Mechanical Engineering .. .. .	11	
	<u>2,199</u>	
Carried Forward .. .. .		<u>22,095</u>

## FINANCIAL STATEMENTS

## THE UNIVERSITY OF ADELAIDE

*Schedules — Income and Expenditure Account, 1962 — Continued*

INCOME		
NORTH TERRACE		
	£	£
Brought Forward .. .. .	2,199	22,095
The James Hardie Prize in Architecture ..	100	
Standard Vacuum Prize in Chemical Engineering .. .. .	32	
The Albright and Wilson Prize in Chemical Engineering Design .. .. .	32	
Florence Cook Violin Prize .. .. .	5	
The Kloeden-McCormick-Goodhard Scholarship .. .. .	44	
Union Carbide Prizes .. .. .	100	
J. G. Wood Memorial Scholarship .. .. .	24	
Fisk Prize of the Institute of Radio Engineers .. .. .	10	
Australian Welding Institute Prize .. .. .	20	
S.A. Institute of Architects Prize .. .. .	32	
Sir William Goodman Scholarship .. .. .	230	
James Hardie Prize in Civil Engineering ..	50	
Hope Crampton Prize .. .. .	4	
S.A. Gas Co. Prize in Architecture .. .. .	100	
Smith Kline and French Prize in Microbiology .. .. .	50	
Sir Ronald Fisher Prize .. .. .	10	
	-----	3,042
		<u>25,137</u>

## THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1962—Continued

## INCOME

## WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£
<b>O. Interest and Dividends—</b>		
Peter Waite Trust Fund .....	3,092	
Elizabeth MacMeikan Estate .....	3,630	
Hugh Hughes Estate .....	1,832	
James Waite Estate .....	40	
Mrs. L. M. Owen-Smyth .....	81	
Ranson Mortlock .....	600	
	-----	<u>9,275</u>
<b>P. Other Income—</b>		
<i>Waite Donations:</i>		
J. T. Mortlock Bequest .....	1,000	
<i>Sundry Income:</i>		
Sundry Sales .....	156	
Rent A/c.—Dr. Best .....	104	
Rent A/c.—A. V. Lehmann .....	52	
	-----	<u>1,312</u>

*Statement of Balances of Capital*

LIABILITIES AND TRUSTS				
NORTH TERRACE		<i>Schedule</i>	1962	1961
			£	£
<i>Endowments and Grants—</i>				
General .....	1	1,259,361		1,234,976
Sale of Country Lands .....		40,000		40,000
Sale of Alverstoke Estate .....		12,000		12,000
Grants and Donations for University Site	2	11,776		11,776
Contributions to Buildings and Fittings:				
H.M. Government of S.A. ....		411,525		411,525
Commonwealth Government .....		268,525		268,525
From Accumulated Funds .....		194,880		194,880
Appropriated from Reserves .....		15,525		15,525
Unemployment Relief Council for Johnson Chemical Laboratories .....		12,000		12,000
Pharmaceutical Society of S.A. ...		300		300
Commonwealth Department of Commerce (Medical Building) .....		11,749		11,749
I.G.Y. (Seismograph Vault) .....		2,000		2,000
C.S.I.R.O. (Mawson Laboratories) .....		825		825
Radio Research Board .....		1,429		1,429
			2,241,895	2,217,510
 <i>Reserves and Special Funds—</i>				
Provision for Capital Items .....		41		41
Special Donation for Clinical Medicine .....		9,205		9,395
Invalidity Scheme Fund .....		20,304		14,658
Personal Superannuation Accounts .....		194,504		159,751
Ancillary Staff Superannuation .....		13,750		8,513
Share Fluctuation Reserve .....		65,593		65,593
H.M. Government of S.A. Advance for 1963 .....		11,500		2,000
Income and Expenditure Accumulated Surplus .....		20,641		25,999
Fund for Replacement of Major Plant .....		30,000		25,000
Motor Vehicle Replacement Fund .....		5,472		5,382
Grants for Buildings, Fittings and Major Equipment:				
H.M. Government of S.A. ....		1,054,500		646,000
Commonwealth Government (including Equipment for Buildings) .....		1,114,500		706,000
Provision for Additional Floor Main Engineering Building .....		20,000		20,000
Scholarship Funds .....	3	21,109		19,619
Library Funds .....	4	7,584		6,480
Special Funds .....	5	354,905		265,285
			2,943,608	1,979,716
Carried Forward .....			5,185,503	4,197,226

## OF ADELAIDE

*Accounts as at 31st December, 1962*

## ASSETS

## NORTH TERRACE

	<i>Schedule</i>	£	1962 £	1961 £
<i>Investments of Endowments and Grants—</i>				
Commonwealth Inscribed Stock .....	12	148,438		135,364
Share and Stock Investments .....	13	614,799		590,885
University Site .....		11,776		11,776
University Buildings .....	14	1,312,298		1,312,298
Other Land and Buildings .....	15	30,579		30,579
Books—Barr Smith Library .....		9,106		9,106
Advances on Mortgage .....	16	34,896		41,499
Funds held by Trustees .....	17	34,003		34,003
Mitchell Estate—Funds due to the University .....		46,000		52,000

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2,241,895 2,217,510

*Investment of Reserves and Special Funds—*

Commonwealth Inscribed Stock .....		41,226		95,607
Investment Properties and Improvements .....	18	112,207		82,959
<i>Current Balances:</i>				
Invested on Deposit with Treasury of S.A. ....		672,193		239,501
Bank of Adelaide .....		18,149		12,799
Agent-General for S.A. London .....		13,755		22,249
Cash, Debtors .....	19	53,657		95,846
Buildings in Progress .....	20	2,032,421		1,430,755

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2,943,608 1,979,716

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Carried Forward .. 5,185,503 4,197,226

*Statement of Balances of Capital*

LIABILITIES AND TRUSTS			1962	1961
NORTH TERRACE	Schedule	£	£	£
Brought Forward ... ..			5,185,503	4,197,226
<i>Funds Expended on Equipment—</i>				
Contributed from Accumulated Income .....		234,027		234,027
Donations for Equipment .....	6	268,353		245,972
Donations for Library .....	7	22,763		21,331
<i>Funds Provided by H.M. Government of S.A.—</i>				
Equipment under £5,000 .....		875,396		733,773
Library .....		332,089		268,868
<i>C.R.T.S. Equipment Provided by Commonwealth Government</i>				
		74,202		74,202
			1,806,830	1,578,173
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Donations .....		£ 72,006		
Less Deficit Incurred in Operating Expenses in 1962 .....		15,019		
		56,987		72,006
A.A.E.C. Grant .....		2,000		2,000
Part of Special Grant by H.M. Government of S.A. towards Purchase of Linear Accelerator		16,000		16,000
Grant by H.M. Government of S.A. for Gamma Ray Spectrometer .....		10,000		10,000
Current Account .....		9,194		28,624
Provision for Loss on Realisation of Stock .....		4,525		—
			98,706	128,630
<i>University Union Building Appeal Fund—</i>				
Donations .....		103,761		103,761
Interest .....		6,763		6,763
Contributed by University from Capital Funds .....		115,868		115,868
			226,392	226,392
<i>Department of Architecture Fund—</i>				
Donations and Income .....		24,644		24,644
			24,644	24,644
Carried Forward .....			7,342,075	6,155,065

## OF ADELAIDE

Accounts as at 31st December, 1962 — Continued

NORTH TERRACE		ASSETS		
		Schedule	1962 £	1961 £
Brought Forward ...			5,185,503	4,197,226
<i>Equipment—</i>				
Equipment .....	21	1,252,967		1,089,286
Library Books and Binding .....	22	441,227		376,575
Furniture ..	23	112,636		112,312
			1,806,830	1,578,173
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Invested in Commonwealth Inscribed Stock at par .....		—		30,000
Linear Accelerator .....		69,705		69,705
Fire Protection System .....		1,500		1,500
Grant towards Cost of Electron Microscope (Waite Institute) .....		5,000		5,000
Human Body Monitor and Steel Room ..		21,184		21,184
Expenses of New Appeal ..		151		150
Gamma Ray Spectrometer Building .....		1,166		1,091
			98,706	128,630
<i>University Union Building Appeal Fund—</i>				
Alterations and Additions to Union Buildings ...		101,091		101,091
New Union Hall .....		122,724		122,724
Expenses of Appeal .....		2,577		2,577
			226,392	226,392
<i>Department of Architecture Fund—</i>				
Contributions towards Cost of Chair of Architecture ..		23,546		23,546
Expenses of Appeal .....		1,098		1,098
			24,644	24,644
Carried Forward .....			7,342,075	6,155,065

## LIABILITIES AND TRUSTS

	Schedule	£	1962 £	1961 £
Brought Forward ..			7,342,075	6,155,065
<b>WAITE AGRICULTURAL RESEARCH INSTITUTE—</b>				
Endowments—General .....	8	231,065		231,065
Endowments for Laboratories .....	9	35,000		35,000
Donations .....	10	113,643		105,142
Contributed from Accumulated Income .....		92,697		92,697
Unexpended Funds .....	11	43,209		18,851
Motor Vehicles Replacement Fund .....		4,941		5,012
Funds Provided by H.M. Government of S.A.:				
Grant for New East Wing .....		55,000		55,000
Equipment under £5,000 .....		287,305		244,129
Library .....		41,996		35,198
Central Animal House .....		9,000		8,000
Grants by Commonwealth Government:				
C.R.T.S. Buildings .....		9,602		9,602
New East Wing .....		55,000		55,000
Central Animal House .....		9,000		8,000
			987,458	902,696
			<u>£8,329,533</u>	<u>£7,057,761</u>

*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 J. T. Mortlock
Estate of Late Laura Anita Shanasy
Estate of Late Fred Johns
Estate of Late R. T. Melrose
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 Hugh Hughes (Balance)
Estate of Late William Donnithorne (Balance)
Estate of Late Edward Neale (Balance)
Estate of Late S. McGregor Reid (Balance)
Estate of Late Jean B. Reid (Balance)
Estate of Late E. Mills (Balance)
Estate of Late Isobel Young (Balance)
Estate of Late Mrs. S. D. Holdsworth (Balance)

W. MEIKLEJOHN,

Assistant Registrar (Finance).

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, 1962, 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

## OF ADELAIDE

Accounts as at 31st December, 1962 — Continued

## ASSETS

	Schedule	£	1962 £	1961 £
Brought Forward			7,342,075	6,155,065
<b>WAITE AGRICULTURAL RESEARCH INSTITUTE—</b>				
Commonwealth Inscribed Stock		40,388		11,797
Funds held by Trustees	24	115,104		115,104
Land, Urrbrae House	25	54,455		54,455
Buildings	26	325,007		322,079
Equipment and Furniture	27	393,387		342,875
Library	28	53,119		46,321
Current Balances—Cash, Debtors	29	4,476		6,622
Income and Expenditure Deficit, 1962		1,522		3,443
			987,458	902,696
			<u>£ 8,329,533</u>	<u>£ 7,057,761</u>

*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 J. T. Mortlock
Estate of Late Laura Anita Shanasy
Estate of Late Fred Johns
Estate of Late R. T. Melrose
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 Hugh Hughes (Balance)
Estate of Late William Donnithorne (Balance)
Estate of Late Edward Neale (Balance)
Estate of Late S. McGregor Reid (Balance)
Estate of Late Jean B. Reid (Balance)
Estate of Late E. Mills (Balance)
Estate of Late Isobel Young (Balance)
Estate of Late Mrs. S. D. Holdsworth (Balance)

a correct 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.

STEELE & CALDER, Chartered Accountants,  
E. F. HUNWICK, Chartered Accountant,  
Auditors.

Adelaide, 9th April, 1963.

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962

## LIABILITIES AND TRUSTS

## NORTH TERRACE

1. Endowments—General—	£	£
Sir George Murray (for General Purposes) .....	86,767	
Less Transferred to Equipment .....	500	
	<hr/>	86,267
Miss M. T. Murray (for General Purposes) .....		53,308
Sir Thomas Elder (for Medical School) .....		30,000
Sir Thomas Elder (for General Purposes) .....	25,000	
Public Donations (for General Purposes) .....	600	
	<hr/>	25,600
Sir Thomas Elder (for Music School) .....		20,000
Sir Thomas Elder (for Arts and Science) .....	20,000	
Sir Walter Watson Hughes (for Arts and Science) ..	20,000	
	<hr/>	40,000
Sir Langdon Bonython (for Great Hall) .....		52,330
Sir Langdon Bonython (for Law School) .....		20,000
Dr. F. Lucas Benham (Benham Laboratories) .....		51,381
Gwen Michell Foundation (for Medical Research) .....		50,000
Gwen Michell Foundation (for Medical Research) .....		103,916
T. E. Barr Smith, Snr. (for Library Building) .....		34,719
T. E. Barr Smith, Snr. (for Library Fund) .....		10,000
T. E. Barr Smith (for Scholarship in Agricultural Science) .....		13,875
Barr Smith Library Fund—No. 1 A/c. ....		11,000
Barr Smith Library Fund—No. 2 A/c. ....		9,106
S. McGregor Reid .....		23,747
Jean B. Reid .....		66,926
Keith Sheridan Fund (for Medical Research) .....		30,923
Mrs. Jane Marks (for Chair in Pathology) .....		30,000
Sir William Mitchell (for Chair in Biochemistry) .....		20,000
Sir William Mitchell (for Library Fund) .....		5,000
For Union Buildings—		
Public Donations .....	16,402	
Sir George Murray .....	10,270	
Sir Josiah Symon (for Lady Symon Building) ..	9,500	
	<hr/>	36,172
Reginald Walker Bequest .....		25,683
Sewell Myers Research Bequest .....		20,000
G. Gollin Estate .....		20,000
Edward Neale (for Medical Research) .....		28,917
Family of the late John Darling (for Darling Building)	15,000	
Sir George Murray (used for Darling Building) .....	1,000	
	<hr/>	16,000
Mrs. G. A. Jury (for Chair in English Literature) .....		12,000
R. L. Johnson (for Chemical Laboratory) .....		12,000
S. D. Holdsworth Estate .....		10,000
J. H. Angas (for Chair in Chemistry) .....		6,000
J. H. Angas (for Engineering Scholarship) .....		4,000
Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy) .....		15,000
For Chairs in Engineering—		
Broken Hill Pty. Co. Ltd. ....	5,000	
General Motors-Holden's Ltd. ....	5,000	
Adelaide Electric Supply Co. Ltd. ....	5,000	
Sir Edward Holden .....	2,500	
Tenax Investments Ltd. ....	2,500	
Richards Industries Ltd. ....	2,000	
British Tube Mills (Aust.) Pty. Ltd. ....	2,000	
Kelvinator Australia Ltd. ....	1,000	
	<hr/>	25,000
Carried Forward .....		<hr/> 1,018,870

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£
Brought Forward		1,018,870
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd.	18,269	
Broken Hill Pty. Co. Ltd.	10,440	
Broken Hill South Ltd.	10,440	
Zinc Corporation Ltd.	10,439	
New Broken Hill Consolidated Ltd.	2,610	
	<hr/>	52,198
A. M. Barnes Endowment (Balance)		353
Animal Products Research Foundation		7,074
J. E. Jenkins Scholarships Fund		6,975
Emma Jeffress Endowment		6,098
Dr. A. J. Schulz Bequest		5,048
Sir Joseph Verco (for Medical Science Research)		5,000
Sir Joseph Verco (for Medical Research)		2,166
Sir Joseph Verco (for Dental School)		2,166
Kenneth and Hazel Milne Travelling Scholarship —		
Architecture		5,000
F. W. H. Wheadon (for Observatory Building)		5,337
Baillieu Scholarships Fund		4,839
Baker Scholarship Fund		5,000
Sir William G. T. Goodman		4,000
James Barrans Scholarship Fund		3,000
John Barker Scholarship Fund		3,000
Donnithorne Awards Fund		3,041
T. G. Wilson Scholarship Fund		2,500
Gavin David Young Lectures Fund		2,453
William Gardner Scholarship Fund		2,043
Olive Eva Braund Estate		3,705
David Murray Scholarship Fund		2,000
Nickel Mines No Liability		2,000
Department of Health Capital Grant (for Physical		
Education)		2,000
Bertha H. Sudholz Estate		2,000
Public Donations (for Buildings)		1,890
Athol Lykke Fund (for Postgraduate Studies in Music)		1,860
Rose Grainger Orchestral Fund		1,076
Fred Johns Scholarship Fund		1,500
Creswell Scholarship Fund		1,300
Sir Samuel Way, P.C. (for General Purposes)		1,277
Ernest Ayers Scholarships Fund		1,236
Public Donations (for Evening Classes)		1,220
Dr. Charles Gosse Lectureship Fund		1,125
Everard Scholarship Fund		1,000
Joseph Fisher (Lecture and Medal Fund)		1,000
Tinline Scholarship Fund		1,000
John L. Young Scholarship Fund		1,000
Shorney Prize and Medal Fund		1,000
Selbourne Moutray Scholarship Fund		1,000
Varley Scholarship Fund		1,000
L. G. Wilson—Gift of Hills Property, "Pine Kloof"		4,631
M. L. Mitchell (for Animal Culture House)		924
The Angas Parsons Prize Fund		900
S.A. Orchestra Permanent Fund		873
Anders and Reimers Scholarships Fund		760
Elizabeth Jackson Memorial Library Fund		750
Eugene Alderman Scholarship Fund		740
Eric Smith Scholarship Fund		650
Archibald Mackie Bursary Fund		100
		<hr/>
Carried Forward		1,187,678

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1962 – Continued

	£	£
Brought Forward		1,187,678
For Anti-Cancer Committee—		
Lady Barr Smith Memorial Fellowship	10,500	
Mrs. E. C. Hoare	5,769	
Mrs. Rosye F. Mortlock	5,086	
C. V. Crocombe	3,722	
Laura E. Bateman	2,553	
Mrs. H. L. Heuzenroeder	2,846	
Robert T. Melrose	2,291	
Mrs. Isobel Young Estate	2,249	
Mrs. M. August	1,836	
E. Mills Estate	1,183	
E. F. Hern	1,157	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
		40,482
Stow Prizes and Medal Fund		613
Hartley Studentship Fund		600
Dr. Davies-Thomas Scholarship Fund		600
Frederick Bevan Scholarship Fund		600
Miss Julia Stuckey (for Botany Laboratory)		503
E. Harold Davies Scholarship Fund		500
John Howard Clark Scholarship Fund		500
John Bagot Prize and Medal Fund		500
A. M. Simpson Library in Aeronautics Fund		500
Mrs. Agnes Ayers (for General Purposes)		500
R. W. Bennett Prizes and Medal Fund		500
Anna Florence Booth Prize Fund		750
Edith Hubbe and Harriett Cook Prize Fund		500
Lucy Josephine Bagot Prize Fund		500
Sir Archibold Strong Memorial Prize		500
Gladys Lloyd Thomas Scholarship Fund		500
C. J. Campbell Prize Fund		500
Maude Puddy Scholarship Fund		500
Rutter Jewell-Thomas Prize Fund		500
Guli Magarey Scholarship Fund		500
Mrs. G. Magarey Bequest (Elder (Overseas) Scholarship Fund)		500
Eva Lines Scholarship Fund		500
J. G. Wood Memorial Fund		494
E. Mills Endowment		485
Dr. E. W. Way Lectureship Fund		473
Violet de Mole Memorial Fund		456
Keith Sheridan Prizes Fund		452
Thornber Bursary Fund		450
Rennie Research Scholarship Fund		317
Sir Robert Chapman Prize Fund		311
D. B. Adam Prize Fund		311
Natalia Davies Prize Fund		315
John Lorenzo Young Scholarship Fund		300
Ruby C. Davy Prize Fund		300
Alexander Clark Prize Fund		255
J. A. Bonnin Cup		320
Weimar-Ohlstrom Prizes Fund		300
Elsie Marion Cornish Prize Fund		250
Bundey Prize Fund		200
James Gartrell Prize Fund		200
M. Rees George Prize Fund		200
Carried Forward		1,246,215

## THE UNIVERSITY OF ADELAIDE

*Schedules — Capital Accounts as at 31st December, 1962 — Continued*

	£	£
Brought Forward		1,246,215
Way College Prize and Medal Fund		200
Thomas Gepp Prize Fund		200
Archibald Watson Prize Fund		170
Roby Fletcher Scholarship Fund		160
St. Alban Scholarship Fund		150
Barr Smith Prize Fund		150
Annie Montgomerie Martin Prize Fund		150
George Thompson Bursary Fund		150
Justin Skipper Prize Fund		150
Tormore Old Scholars' Prize Fund		130
Donation towards the Cost of Furnishing the Council Room (Sir Mark Mitchell)		1,000
J. B. Cleland Prize Fund		130
Andrew Scott Prize Fund		115
Professor J. H. B. Tew Prize Fund		100
William Culross Prize Fund		250
Chapman Memorial Fund		1,482
Anonymous Donation: Staff Common Room	2,379	
Less Transferred to Equipment	1,006	
		1,373
Sir Hugh Cairns Memorial Fund		1,154
Shorney Memorial Library Fund		1,000
Robin Memorial Lecture Fund		606
Nathan Netter		530
T. P. Shaughnessy Fund		191
Australian Dental Association Endowment for Thomas D. Hannon Prize		133
Edith Puddy Prize Fund		134
Hope Crampton Prize Fund		106
Tennyson Medals Fund		100
Lister Prize Fund		100
League of Nations Prize Fund		100
Hardwicke College Prize Fund		100
Lokan Prize Fund		100
Thomas L. Borthwick Prize Fund		100
Robert Whinham Prize Fund		84
Kate Helen Weston Fund		68
Tate Memorial Medal Fund		60
Hughes Statue Maintenance Fund		50
Jefferis Medal Fund		50
M. L. Mitchell (for Periodicals)		50
Elizabeth Jackson Library Fund		30
Sydney Norman Bequest		700
A. Grenfell Price Prize		110
C. Fenner Prize		100
Florence Cooke Violin Prize		100
Professor J. R. Wilton Prize		100
Byard Prize Endowment		130
Lienau Scholarship Endowment		500
Clement Q. Williams Memorial Fund		500
		<u>1,259,361</u>

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£
<b>2. Grants and Donations for University Site—</b>		
Land Endowment .....	5,000	
Special Donations for Fences and Gates—		
R. Barr Smith .....	400	
Hon. Sir John Duncan .....	250	
W. H. Duncan .....	1,000	
Sir Walter Young .....	876	
Sir William Mitchell .....		
Special Donations for other Improvements—		
Misses Eva and Lily Waite .....	2,250	
Hon. Sir George Murray .....	2,000	
	4,250	
		11,776
<b>3. Scholarship Funds—</b>		
Angas Engineering Scholarship .....	425	
John Howard Clark Prize .....	125	
Everard Scholarship .....	34	
Eric Smith Scholarship .....	51	
Archibald Mackie Bursary .....	26	
Dr. Davies-Thomas Scholarship .....	7	
Tinline Scholarship .....	36	
David Murray Scholarship .....	1,595	
John Bagot Scholarship .....	527	
Bunday Prize .....	55	
John Creswell Scholarships .....	392	
Alexander Clark Memorial Prize .....	82	
Lister Prize .....	1	
John Lorenzo Young Scholarship .....	197	
John L. Young Scholarship .....	548	
Dr. Charles Gosse Lectureship .....	420	
Augene Alderman Scholarship .....	24	
Ernest Ayers Scholarship .....	800	
George Thompson Bursary .....	28	
Rennie Scholarship .....	2	
Fred Johns Scholarship .....	1,693	
Archibald Watson Prize .....	10	
T. G. Wilson Travelling Scholarship .....	784	
R. W. Bennett Prizes and Medals .....	59	
Sir Robert Chapman Prize .....	11	
Anna Florence Booth Prize .....	166	
Shorney Prize .....	209	
Lucy Josephine Bagot Prize .....	21	
The Angas Parsons Prize .....	188	
Selbourne Moutray Russell Scholarship .....	170	
Varley Scholarship .....	181	
Barr Smith Prize .....	25	
Tormore Prize .....	20	
M. Rees George Memorial Prize .....	59	
Jefferis Memorial Medal .....	36	
Tate Memorial Medal .....	12	
Lokan Prize .....	16	
A.M.A. Section of Clinical Medicine Prize .....	11	
St. Alban Scholarship .....	6	
League of Nations Prize .....	157	
Thornber Bursary .....	37	
Keith Sheridan Prizes .....	423	
E. W. Way Lectureship .....	39	
Tennyson Medal .....	5	
Robert Whinham Prize .....	3	
	9,716	
Carried Forward .....		

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£.	£
Brought Forward .. .. .	9,716	
Hardwicke College Prize .. .. .	3	
Way College Old Collegians' Prize .. .. .	7	
Justin Skipper Prize .. .. .	47	
J. E. Jenkins Scholarship .. .. .	328	
Gladys Lloyd Thomas Scholarship .. .. .	29	
James Barrens Scholarship .. .. .	428	
Elsie Marion Cornish Prize .. .. .	53	
Dental Board of S.A. Prize .. .. .	11	
Anders and Reimers Scholarships .. .. .	283	
Sir Archibald Strong Memorial Prize .. .. .	236	
Gavin David Young Lectureship .. .. .	427	
Dental Board of S.A. Research Scholarship .. .. .	80	
Thomas Gepp Prize .. .. .	50	
Violet de Mole Prize .. .. .	173	
E. Harold Davies Scholarship .. .. .	55	
Edith Hubbe and Harriet Cook Prize .. .. .	145	
Natalia Davies Prize .. .. .	16	
Baker Scholarship .. .. .	730	
T. L. Borthwick Prize .. .. .	2	
C. and J. Campbell Prize .. .. .	33	
Elder Travelling Scholarship .. .. .	66	
Guli Magarey Scholarship .. .. .	19	
Frederick Bevan Memorial Scholarship .. .. .	124	
E. V. Clark Prize .. .. .	123	
William Culross Prize .. .. .	4	
Eva Lines Memorial Scholarship .. .. .	92	
Sir Hugh Cairns Memorial Prize .. .. .	118	
D. B. Adam Memorial Prize .. .. .	36	
Maude Puddy Scholarship .. .. .	65	
Gerard Prize in Electrical Engineering .. .. .	21	
Prof. J. H. B. Tew Prizes .. .. .	5	
Baillieu Research Scholarships .. .. .	1,522	
Rutter Jewell-Thomas Medal and Prize .. .. .	206	
Dr. Ruby Davy Scholarship .. .. .	150	
T. E. Barr Smith Travelling Scholarship .. .. .	2,490	
John Barker Scholarship .. .. .	328	
Thomas D. Hannon Prize .. .. .	26	
Wm. Donnithorne Award .. .. .	82	
Pfizer Prize in Gynaecology .. .. .	25	
Athol Lykke Award .. .. .	530	
Chapman Memorial Scholarship .. .. .	187	
Weimar-Ohlstrom Prizes .. .. .	19	
British Psychological Society Prize .. .. .	5	
J. R. Wilton Prize .. .. .	6	
Charles Fenner Prize .. .. .	5	
Sir Grenfell Price Prize .. .. .	8	
Byard Prize .. .. .	17	
Shell Prize in Mechanical Engineering .. .. .	25	
Shell Prize in Economics .. .. .	25	
Kenneth and Hazel Milne Travelling Scholarship .. .. .	826	
Lienau Prize .. .. .	20	
Clement Q. Williams Memorial Prize .. .. .	10	
Florence Cooke Violin Prize .. .. .	15	
J. G. Wood Memorial Scholarship .. .. .	3	
A. J. Schulz Bequest .. .. .	548	
Sir William Goodman Scholarship .. .. .	307	
Bertha H. Sudholz Scholarship .. .. .	149	
Smith, Kline and French Prize in Microbiology .. .. .	50	
		<u>21,109</u>

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1962 – Continued

	£	£	£
<b>4. Library Funds—</b>			
T. E. Barr Smith Endowment Income .....		901	
Sir William Mitchell Endowment Income .....		1,271	
Elizabeth Jackson Fund Income .....		227	
A.M.A. Library .....		908	
A. M. Simpson Library Income .....		207	
Kate Helen Weston Library .....		15	
Herbert Shorney Memorial Library .....		25	
Library Deposits .....		3,101	
Elizabeth Mills Bequest for Library Books .....		133	
Mark Mitchell—Periodicals Income .....		43	
Australian Association of Psychiatrists Grant to Medical Library .....		7	
Australian Physiotherapy Association— Library .....		314	
Georgina Mills Estate Library .....		260	
Collegiate School of St. Peter Library Grant .....		101	
Viscount Dunrossil Memorial Library .....		71	
			<u>7,584</u>
<b>5. Special Funds—</b>			
<i>Consulting and Research Funds—</i>			
Electrical Engineering—Consulting Fees .....	1		
Civil Engineering—Donations for Concrete Research .....	256		
Illuminating Engineering Society Grant .....	15		
Grant for Latitude Observations .....	8		
Animal Products Research Foundation .....	2,014		
Geology Department Consulting Fund .....	289		
Pipe Transmission Line Structure .....	10		
Consulting Fund—Physical and Inorganic Chemistry .....	47		
Consulting Fund—Civil Engineering .....	6,000		
Organic Chemistry—Research Fund .....	1,278		
Mechanical Engineering Research Fund .....	12		
Speech Bandwidth Compression Equipment Grant—P.M.G. Department .....	1,250		
Autopsy Fees .....	857		
Consulting Fund—Child Health .....	244		
Becker Research Fund .....	4		
Computing Centre Consulting Fund .....	288		
		12,573	
<i>Anthropological Research Funds—</i>			
General Account .....	486		
Mr. Mountford .....	1,562		
T. G. H. Strehlow .....	137		
Professor A. A. Abbie .....	94		
Mountford Fund for Aboriginal Women .....	43		
Film Account—General .....	892		
Australian Institute of Aboriginal Studies Grant—C. P. Mountford .....	330		
Australian Institute of Aboriginal Studies Grant—Dr. Ellis .....	172		
		<u>3,716</u>	
Carried Forward .....		16,289	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
Brought Forward		16,289	
<i>Medical Research Funds—</i>			
The Gwen Michell Foundation for Medical Research	11,955		
The Gwen Michell Foundation Reserve for Fluctuation of Shares		715	
Sheridan Bequest	8,015		
F. H. Faulding & Co. Ltd.—Dental Research Grant		16	
I.C.I. Research Fund for Sulphur Drugs		64	
Donation for Research in Encephalitis — A. J. Playford		100	
Gastro Enteritis Investigation Fund		21	
Grant for Tuberculosis Research		53	
Grant for Enuresis Investigations—Mrs. H. M. Newland		5	
Donation for Virus Investigations—Medical School		100	
Sandoz Ltd., Grant for Research in Department of Obstetrics		2,574	
Jane Coffin Childs Memorial Fund for Medical Research		522	
S. McGregor Reid		88	
J. B. Reid—Reserve for Fluctuation of Shares		62	
Anti-Cancer Fund		10	
Ivy C. J. Duncan Fund		906	
Lady Barr Smith Memorial Fellowship—Income Cancer Research		375	
Hoare Estate—Reserve for Fluctuation of Shares		75	
		<u>25,656</u>	
<i>Special Purpose Funds—</i>			
Anonymous Donation—Clinical Medicine	2,171		
Donation for Equipment—Dental School		25	
Commonwealth Postgraduate Scholarships Accumulation Fund		7,490	
Elder Conservatorium—Donation for Purchase of Gramophone		165	
Australian Society of Accountants Lecture		8	
Bonython Hall Maintenance		54	
Permanent Orchestra Fund		853	
Rose Grainger Orchestral Fund		893	
Students' Loan Fund		1,530	
Conservatorium Students' Fund		464	
Board of Social Studies—Students' Fund		222	
Shaughnessy Endowment Income		18	
Hughes Statue Maintenance Fund		37	
Reiman Memorial Fund		1	
Robin Memorial Lecture Fund Income		64	
Joseph Verco Memorial		3	
Sheridan Family Grave Maintenance A/c.		131	
Donation for Furnishing South Hall, Elder Conservatorium		50	
Sir Douglas Mawson Portrait Fund		161	
Broken Hill Associated Smelters—Donation for Purchase of Lead		2	
Donation for Purchase of Musical Instruments		25	
		<u>14,367</u>	
Carried Forward			<u>41,945</u>

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£	£
Brought Forward .....	14,367	41,945	
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library .....	873		
Radioisotope Fund .....	154		
Donations for the Maude Puddy Library ..	1		
The McGregor Fund .....	2,000		
A. M. Barnes—Income .....	2,062		
Anonymous Donation—Medical School .....	31,124		
Publications Fund .....	1,063		
Reid and Hetherington—"South Australian Elections" .....	157		
Professor Smart's Monograph .....	62		
Donations for Purchase of Codex Manesse	70		
Donations—Business Management Course ..	1,100		
Physiology Testing Fees .....	63		
Australian Journal of Experimental Biology and Medical Science ..	3,371		
Cirrus Computer Funds .....	11,931		
Sir Howard Florey Portrait Fund .....	199		
J. A. Bonnin Cup—Income ..	25		
Microbiology Special Fund ..	75		
C.S.I.R.O. Special Grant—Zoology .....	1,250		
Colgate-Palmolive—Donation to Establish Readership in Preventive Dentistry ..	5,000		
Elder Conservatorium Special Fund .....	50		
University Music Society Fund .....	770		
		75,767	
<i>Provisions—</i>			
Surplus Proceeds Sale of Shares for Building Purposes .....	28,403		
Reserve for Fluctuation of Shares— A. M. Barnes Estate .....	2,918		
Realization of Obsolete and Surplus Equipment—			
Physical Chemistry .....	41		
General .....	756		
Pathology .....	35		
Medicine .....	1,435		
Mining .....	539		
Carpenters' Shop .....	26		
Physics .....	202		
Physiology .....	13		
Microbiology .....	77		
Geology .....	91		
Gardeners .....	1		
Economics .....	109		
Sale of Equipment—Physics Department ..	252		
Realization of Obsolete and Surplus Equipment—			
Dentistry .....	98		
Medical School .....	25		
Genetics .....	69		
Conservatorium .....	76		
Realization of Investment Properties .....	6,113		
Provision for Damage by Storm and Tempest .....	600		
Provision for Laboratory Space for Microscope Workshop .....	500		
Carried Forward ..	42,379	117,712	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
Brought Forward .. .. .	42,379	117,712	
Adult Education Motor Vehicle Replacement Fund .. . . .	1,618		
Reserve for Civil Engineering Special Equipment .. . . .	9,599		
Donation for Equipment—Geology .. . . .	21		
Provision for Purchase of Special Equipment for Testing Concrete .. . . .	1,445		
Australian National University Fund for Equipment—Microbiology .. . . .	1,692		
		<u>56,754</u>	
		174,466	
<i>Research Grants—</i>			
Commonwealth Grant for Australian Literature .. . . .	10		
C.S.I.R.O. Radio Research Board—Physics .. . . .	374		
N.H.M.R.C. Grant—Child Health .. . . .	19		
I.C.I.A.N.Z. Research Fellowship .. . . .	187		
George Aitken Pastoral Research Trust — Zoology .. . . .	80		
Australian Atomic Energy Commission—Studentships .. . . .	304		
Equipment (Matthews) .. . . .	7		
Equipment (Haskard) .. . . .	16		
Equipment (Weller) .. . . .	9		
Equipment (Catrall) .. . . .	1		
Equipment (Potter) .. . . .	76		
Department of Civil Aviation — Electronic Research Grant .. . . .	58		
Monsanto Chemicals Grant — Physical and Inorganic Chemistry .. . . .	1,382		
Rural Credits Fund—Zoology .. . . .	916		
Damon Runyon Grant for Cancer Research —Organic Chemistry .. . . .	1,217		
Wool Research Committee (Animal Ecology) .. . . .	27		
General Motors-Holden's—Postgraduate Research Fellowship .. . . .	192		
General Motors-Holden's—Postgraduate Fellowship (Ramsay) .. . . .	300		
Australian Atomic Energy Commission Research Grant—Mining .. . . .	470		
E.T.S.A. Conductor Account .. . . .	7		
American Chemical Society—Organic Chemistry .. . . .	1,069		
American Chemical Society—Organic Chemistry No. 2 .. . . .	1,248		
Social Sciences Research Council Grant—Law .. . . .	120		
A.A.E.C. Research Contract—Mining Engineering .. . . .	25		
Nuffield Foundation Grant—Marsupials Research (Zoology) .. . . .	272		
		<u>174,466</u>	
Carried Forward .. . . .	8,386		

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1962 – Continued

	£	£	£
Brought Forward .....	8,386	174,466	
C.S.I.R.O. Grant—Physiology of Native Mammals .....		16	
Philips Electrical Industries Pty. Ltd. — Postgraduate Scholarship .....	207		
Merek Sharpe and Dohme Grant—Microbiology Research .....	344		
Glaxo Laboratories—Grant to Microbiology .....	130		
U.S. Public Health Service Grant to Microbiology .....	2,730		
American Petroleum Institute Grant to Geology .....	2,068		
Albright and Wilson Studentship in Chemical Engineering .....	50		
S.A. Fishermen's Co-op. Ltd. — Grant for Research on Crayfish .....	61		
A.A.E.C. Research Grant (Denholm) .....	1,303		
The Nestle Company (Aust.) Ltd.—Grant for Metabolic Study—Child Health .....	251		
Australian Elizabethan Theatre Trust — Grant for Opera .....	1,450		
Pfizer Corporation Grant—Child Health .....	70		
Smith Kline and French Laboratories Grant—Child Health .....	62		
Nuffield Foundation Grant—Microbiology .....	6,328		
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Child Health .....	432		
Wellcome Fund—Microbiology .....	5		
Ciba Co.—Grant to Department of Child Health .....	386		
Life Insurance Medical Research Fund of Australia and New Zealand—Grant to Physiology and Pharmacology .....	990		
A.I.N.S.E. Grant—			
Dr. Kennedy .....	98		
Dr. Medlin .....	300		
Dr. McCarthy .....	54		
Professor Jordan .....	5,750		
Dr. Laurence .....	367		
Physical Chemistry .....	447		
Australian Institute of Nuclear Science and Engineering — Physics and Physical Chemistry .....	75		
International Law Association Grant — Dr. O'Connell .....	516		
A.A.E.C.—Grant to Physical Chemistry (Cattrall) .....	257		
G. D. Searle & Co.—Grant to Obstetrics .....	908		
Australian External Affairs—Antarctic Division Grant (Botany) .....	4		
Sigma Co.—Grant to Child Health .....	399		
Reserve Bank—Grant to Economics .....	247		
U.S. Department of Health—Grant to Child Health .....	5,736		
C.S.R. Co. Grant to Mining and Metallurgy .....	37		
Kappa-Kappa-Kappa Incorporated—Grant to Dental School .....	885		
Carried Forward .....	41,349	174,466	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£	£
Brought Forward .....	41,349	174,466	
National Heart Foundation of Australia—			
Grant to Physiology .....	502		
Grant to Obstetrics .....	113		
Grant to Medicine .....	3		
Grant to Genetics .....	651		
Grant to Junior Medical Research Fellowship .....	388		
U.S.P.H.S. Grant—Zoology .....	4,267		
Irrigation Research—Civil Engineering .....	1,674		
Prime Minister's Department — Grant for Publication of Banzare .....	648		
Reserve Bank — Rural Credits Fund — Econometric Analysis of the Structure of the Market for Australian Wool — Economics .....	516		
Reserve Bank — Economic and Financial Research Fund .....	288		
Reserve Bank—Rural Credits Development Fund—Zoology .....	1,110		
Adelaide Children's Hospital Research—Child Health .....	125		
A.A.E.C. Research Contract—Physics .....	235		
U.S. Department of Health, Education and Welfare Grant — Physical and Inorganic Chemistry .....	5,137		
Australian Cattle and Beef Research Committee—Zoology .....	423		
Australian Road Research Board — Pathology .....	2,145		
A.A.E.C. Research Contract—Kennedy .....	1,497		
U.S. Department of Health Grant—Organic Chemistry .....	3,649		
Australian Development Grant for Scholarship in Economic Geology .....	500		
Nuffield Grant — Zoology .....	2,000		
Water Research Foundation Grant — Chemical Engineering .....	1,000		
		68,220	

## Sundry Balances—

Graduates' Union Fund (Capital Donation) .....	179		
Sundry Donations .....	190		
Joint Colleges Appeal Fund .....	5		
Broken Hill Smelters—Donation .....	62		
Insurance Deposits .....	16		
C.I.G. (Sth. Aust.) Ltd. .....	11		
Constance Fraser Income .....	750		
Civil Engineering Notebook .....	128		
L. G. Wilson—Gift of "Pine Kloof" Income .....	864		
Australian Humanities .....	100		
Adelaide University Union—Deposit .....	39,800		
Rockefeller Foundation—Donation for General Purposes .....	669		
Public Examinations in Music .....	22,997		
Public Examinations Board .....	13,744		
George Gollin Estate—Income .....	2,944		
Carried Forward .....	82,459	242,686	

## THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1962 – Continued

	£	£	£
Brought Forward .....	82,459	242,686	
Victoria Drive Fence—Fund for Maintenance .....	35		
Sale of Furniture—Vice-Chancellor's House .....	16		
Key Deposits—Physical Chemistry .....	13		
Diploma in Physical Education .....	3,137		
J. G. Wood Memorial Prize .....	24		
Henderson Memorial Fund .....	86		
Chemistry Laboratory Deposits .....	18		
"Paradise of Dissent" Publications A/c. ....	412		
Professor Mitchell's Book Account .....	238		
Weapons Research Establishment— Mathematics Department .....	110		
Enuresis Patent .....	1,557		
Reginald Walker Bequest—Income .....	1,700		
Reginald Walker Bequest—Reserve for Fluctuation of Shares .....	125		
George Gollin Estate—Reserve for Fluctuation of Shares .....	75		
Donation to Dental Department for Photographic Experiments .....	85		
Miss D. Mead—Retiring Gratuity .....	1,297		
Australian Music Library Donations .....	365		
Retiring Gratuity—E. C. Rogers .....	1,486		
Outstanding Accounts—Workshops .....	739		
Australian Economic Papers .....	247		
Computing Centre Fortran Fund .....	37		
Contribution towards Travel Expenses— Mr. Hartwig .....	140		
C.S.I.R.O. Grant for Capital Expenditure – Animal Ecology Research .....	2		
Motors Ltd. – Donation for Economics Department .....	25		
Postgraduate Committee in Medicine – Accumulated Income .....	416		
Postgraduate Committee in Dentistry .....	469		
Anti-Cancer Cytology Service .....	16,738		
Professor Mitchell's Private Account .....	22		
Civil Engineering—Tunnel Investigations .....	108		
British Council—Bryn Davies .....	38		
		112,219	
			354,905
<b>6. Donations for Equipment—</b>			
Sir George Murray .....		500	
Anonymous Donation—Staff Common Room .....		1,006	
R. Barr Smith .....		1,010	
Carnegie Corporation Books .....		5,967	
Pharmaceutical Society of S.A. ....		718	
Department of Commerce—Advance for Equipment .....		753	
Damon Runyan Memorial Fund .....		2,480	
Commonwealth Postgraduate Scholarships ..		2,132	
N.H.M.R.C. Fund .....		6,762	
Medical Research Committee Fund .....		28,335	
Anti-Oxidant Research Fund .....		890	
Carried Forward .....		50,553	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£	£
Brought Forward .....		50,553	
Engineering Testing Fees .....		7,294	
Civil Engineering Fund .....		9,031	
Consulting Fees—Electrical Engineering ..		108	
For Chemical Engineering Department—			
Broken Hill Pty. Co. Ltd. ....	5,000		
Electrolytic Zinc Co. of Aust. Ltd. ....	5,000		
North Broken Hill Ltd. ....	4,000		
Broken Hill South Ltd. ....	4,000		
Zinc Corporation Ltd. ....	4,000		
Imperial Chemical Ind. Ltd. ....	1,000		
Power Plant Ltd., Malcolm Moore,			
Esq. ....	200		
Power Plant Ltd. ....	400		
Aberfoyle Tin N.L. ....	250		
King Island Scheelite Ltd. ....	100		
		23,950	
Civil Engineering Consulting Fund .....		1,550	
Donation for Equipment—Department of			
Geology .....		2,565	
Mechanical Engineering Consulting Fund—			
Furniture Fund .....		253	
Clinical Medicine Donation .....		6,227	
Department of Civil Aviation—Electronic			
Equipment Fund .....		1,001	
Rockefeller Grant—Biochemistry—			
Equipment Fund .....		3,100	
Mechanical Engineering Consulting Fund—			
Equipment Fund .....		1,245	
Physiology Special Equipment Fund .....		262	
S.A. Tuberculosis Association—Donation			
for Equipment—Physiology .....		360	
York Theatre Ltd.—Donation for Projection			
Equipment .....		1,500	
Radio Isotopes Course—Equipment Fund ...		127	
Aeromedical Research—Equipment Fund ...		1,932	
Michell Research—Equipment Fund .....		2,209	
C.S.I.R.O. Grant for Capital Expenditure—			
Animal Ecology .....		266	
Rural Credits Development Fund Grant			
for Animal Ecology .....		5,144	
Rural Credits Development Fund .....		805	
Nuffield Foundation Grant for Inorganic			
Chemistry .....		6,500	
Rockefeller Foundation Grant for Organic			
Chemistry .....		6,705	
Motors Ltd.—Donation for Economics			
Department .....		1,975	
Radio Research Board—Equipment Fund ...		6,589	
Electrical Research Board—Equipment			
Fund .....		426	
Postgraduate Medicine—Equipment Fund ...		114	
J. M. Black—Botany Department .....		100	
Electronic Organ—Bonython Hall .....		2,350	
Graduates' Union .....		935	
Australian Atomic Energy Commission—			
Equipment Fund .....		1,859	
U.S. Public Health Service—Equipment .....		14,271	
Sandoz Grant—Obstetrics—Equipment			
Fund .....		84	
Carried Forward .....		161,390	

## THE UNIVERSITY OF ADELAIDE

*Schedules — Capital Accounts as at 31st December, 1962 — Continued*

	£	£	£
Brought Forward .. .. .		161,390	
C.S.I.R.O.—Native Mammals Equipment Fund .. .. .		69	
H.M. Government of S.A. Grant for Equipment .. .. .		1,345	
Special Grant for Equipment—Chemistry Department .. .. .		3,479	
G.M.H. Postgraduate Fellowship—Equipment Fund .. .. .		89	
Life Insurance Medical Research Fund of Australia and New Zealand—Child Health .. .. .		3,839	
B.H.A.S. Lead Project Equipment Fund ..		1,773	
Elder Conservatorium Bergonzi Viola Fund .. .. .		1,045	
Geology Consulting Fund Equipment .. .. .		469	
Organic Chemistry Research Equipment ..		2,087	
Funds for Equipment—Special Pathology ..		184	
Public Examinations Board .. .. .		12,796	
Public Examinations in Music .. .. .		5,258	
Rockefeller Grant — Physical Chemistry Fund .. .. .		8,900	
Rockefeller Grant Zoology Fund .. .. .		3,323	
Amsler Press Fund .. .. .		6,555	
E.T.S.A. Dynamic Network Analyser Fund .. .. .		30,471	
Mechanical Engineering Special Equipment Fund .. .. .		61	
Rockefeller Fund for Kuru Research .. ..		1,716	
American Petroleum Institute—Equipment Fund .. .. .		1,508	
A.A.E.C.—Equipment Fund—Mining .. ..		190	
S.A. Fishermen's Co-op. Ltd.—Equipment Fund .. .. .		437	
The Nestle Co. (Aust.) Ltd. Equipment Fund .. .. .		71	
C.S.R. Grant—Equipment Fund .. .. .		534	
Clarence River Basin Exploration Co. N.L. Smith, Klyne and French Laboratories Equipment Fund .. .. .		35	
Nuffield Foundation Grant—Microbiology ..		615	
Henderson Memorial Fund—Equipment ..		266	
Wellcome Fund — Microbiology — Equipment Fund .. .. .		1,133	
Rockefeller Foundation Grant — Equipment for Research—Organic Chemistry Department .. .. .		2,659	
Donation for Optical Rotatory Dispersion Apparatus—Organic Chemistry Department .. .. .		550	
Rockefeller Foundation Grant — Research in Molecular Structure — Physics Department .. .. .		1,994	
Economic Geology Special Furniture Fund ..		1,301	
H. B. Selby Donation—Physical Chemistry ..		25	
A.I.N.S.E.—Equipment Fund—Laurence ..		1,005	
A.I.N.S.E.—Physical Chemistry .. .. .		1,942	
A.I.N.S.E.—Physics and Physical Chemistry ..		20	
Irrigation Research Equipment Fund .. ..		73	
International Law Association .. .. .		353	
Carried Forward .. .. .		259,860	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
Brought Forward .. .. .		259,860	
Reserve Bank Grant—Australian Wool Equipment Fund .. .. .		166	
A.A.E.C. Equipment Fund .. .. .		1,230	
Australian Dairy Produce Board— Equipment .. .. .		200	
U.S.P.H.S.—Child Health Equipment Fund		3,201	
C.S.R. Grant for Mining—Equipment Fund		800	
National Heart Foundation—Equipment Fund .. .. .		2,721	
Australian Road Research Board Equipment Fund .. .. .		89	
Computing Centre Consulting Fund .. .. .		86	
		-----	<u>268,353</u>

## 7. Donations for Library—

T. E. Barr Smith Endowment .. .. .	5,586	
Sir William Mitchell .. .. .	1,657	
Elizabeth Jackson .. .. .	1,236	
A.M.A. Library Donations .. .. .	11,614	
A. M. Simpson Library .. .. .	923	
Kate Helen Weston Library .. .. .	12	
S.A. Tuberculosis Association Donation ..	804	
Herbert Shorney Memorial Library .. .. .	270	
Elizabeth Mills Bequest .. .. .	163	
Institute of Physics—Donation for Library Books .. .. .	58	
Australian Association of Psychiatrists — Grant to Medical Library .. .. .	35	
S.A. Brewing Co.—Library Fund .. .. .	276	
Viscount Dunrossil Memorial Library .. ..	129	
	-----	<u>22,763</u>

## WAITE AGRICULTURAL RESEARCH INSTITUTE

## 8. Endowments—General—

Peter Waite Endowment .. .. .	100,031	
W. D. Grigg Estate—Endowment .. .. .	18,304	
Elizabeth MacMeikan .. .. .	18,872	
Hugh Hughes .. .. .	36,073	
Ranson Mortlock Trust .. .. .	15,000	
Lily Waite Endowment .. .. .	10,000	
James Waite Endowment .. .. .	1,000	
Various Benefactors .. .. .	2,605	
W. H. Sandland Endowment .. .. .	17,398	
Premiums on Conversion of Stock .. .. .	1,678	
Mrs. D. Mortlock .. .. .	10,104	
	-----	<u>231,065</u>

## 9. Endowments for Laboratories—

Mrs. Rosye Mortlock and Mrs. J. T. Mortlock .. .. .	10,000	
Sir John Melrose Endowment .. .. .	10,000	
Family late John Darling .. .. .	10,000	
J. T. Mortlock Endowment .. .. .	2,000	
Empire Marketing Board .. .. .	3,000	
	-----	<u>35,000</u>

## THE UNIVERSITY OF ADELAIDE

*Schedules – Capital Accounts as at 31st December, 1962 – Continued*

	£	£	£
10. <i>Donations—</i>			
C.S.I.R.O. Mineral Deficiency Fund .....		1,500	
C.S.I.R.O. Soils Investigation Fund .....		1,500	
C.S.I.R.O. for Plant Pathology House .....		1,650	
Commonwealth Bank for Plant Culture House .....		14,010	
Australian Wool Board .....		640	
J. T. Mortlock Donation for Livestock .....		500	
Donations for Insectary .....		1,170	
Wool Research Committee—Donations towards Insectary .....		2,070	
Rural Credits Development Fund – Grant for Equipment (Proteins and Fodder Research) .....		10,000	
Donations towards Cost of Electron Microscope .....		19,977	
A.I.N.S.E. Grant for Equipment .....		653	
Commonwealth Department of Health – Donation of Glasshouse and Fittings ...	1,720		
Phylloxera Board—Donation for Addition ...	2,500		
		4,220	
Shell Chemical Co.—Postgraduate Scholarship for Nematology .....		750	
Nuffield Foundation Grant – Agricultural Chemistry .....		3,319	
Squibb Institute for Medical Research – Grant to Agricultural Chemistry .....		3,866	
Contributions to Alterations to Building ...		1,500	
Anonymous Donation for Animal Science ...		5,000	
State Wheat Research Equipment Fund ...		10,289	
Barley Improvement Equipment Fund .....		5,835	
Wool Research Equipment Fund .....		3,841	
Commonwealth Wheat Research Equipment Fund .....		21,353	
			<u>113,643</u>
11. <i>Unexpended Balances—</i>			
Lily Waite Estate—Income Account .....		1,220	
Wool Research Fund Income .....		3,927	
George Aitken Pastoral Research Trust .....		12	
I.C.I.A.N.Z. Grant for Research .....		72	
Commonwealth Wheat Fund Income .....		1,485	
Apiarists' Association Grant .....		100	
State Wheat Fund Income ...		499	
S.A. Fruitgrowers' and Market Gardeners' Association – Grant for Entomological Research .....		2,089	
Stone Fruits Investigations—Plant Pathology and Plant Physiology .....		130	
Rural Credits Development Fund – Grant to Insectary Building Fund .....		7,000	
Rockefeller Grant for Insectary .....		4,445	
Sheep Account .....		869	
Wool Research Fellowship – Grant-in-aid Wells .....		231	
Wool Research Fellowship—Income .....		150	
Commonwealth Department of Health – Grant for Systematic Mycology .....		1,126	
Donation towards Alterations of Plant Pathology (Nematology) Laboratories .....		438	
			<u>23,793</u>

## THE UNIVERSITY OF ADELAIDE

*Schedules — Capital Accounts as at 31st December, 1962 — Continued*

	£	£	£
Brought Forward ... ..		23,793	
A.A.E.C. Equipment Fund—Plant			
Physiology .....		341	
Grant from University Union for Furnishing			
Students' Common Room .....		300	
Professor Morton's Donation .....		45	
Locker Deposits .....		2	
Rural Credits Development Fund Grant for			
Insectary Facilities .....		1,400	
U.S.P.H.S. Equipment Fund .....		4,625	
A.I.N.S.E.—Fruit Fly .....		55	
Grant for Research—Sirex Wasp .....		2,802	
Australian Cattle and Beef Research			
Committee—Agronomy .....		750	
Australian Cattle and Beef Research			
Committee—Plant Physiology .....		750	
U.S.P.H.S. Grant—Agricultural Chemistry ...		7,141	
Rothman's Endowment Fund — Income —			
Plant Physiology .....		1,034	
Mercke & Co. Grant for Gibberellin			
Testing on Grapes .....		28	
Wool Research Committee Grant —			
Entomology .....		143	
			<u>43,209</u>

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

NORTH TERRACE				
ASSETS				
		£	£	£
12. <i>Inscribed Stock-</i>				
Aust. Consolidated Stock-				
3¼%-15/10/63			213,260	
E. C. Hoare Bequest-				
Aust. Consolidated Stock-4½%-15/11/68			200	
George Gollin Estate-				
Aust. Consolidated Stock-				
3¼%-15/10/63		998		
3%-15/8/64		7,508		
4%-15/11/68		1,964		
5%-15/4/63		1,085		
5%-15/2/67		3,287		
5%-15/2/82		500		
		-----	15,342	
Florence Cooke Violin Prize-				
Aust. Consolidated Stock-				
5%-15/2/82			100	
Jean B. Reid Estate-				
Aust. Consolidated Stock-				
5%-15/4/63			750	
J. G. Wood Memorial Fund-				
Aust. Consolidated Stock-				
5¼%-15/8/70			400	
			-----	
			230,052	
<i>Less</i> Transfer to Investment of Reserves		41,226		
Transfer to Waite Institute		40,388		
		-----	81,614	
			-----	148,438
13. <i>Electricity Trust Debentures-</i>				
5%-“B”-1969		110		
5%      1970		20,000		
5%      1969		100		
5%-“B”-1969		570		
5%-“B”-1969		5,460		
3¼%-“K”-1964		1,188		
5¼%-“A”-1964		1,130		
5¼%      1967		146,910		
5¼%      1967		1,850		
5%-5¼%  1968		580		
5%-5¼%  1968		1,450		
5%-“B”-1969		94		
5%      1967		4,000		
5%      1969		100		
		-----	183,542	
<i>Shares-</i>				
Share Investments		170,127		
E. C. Hoare Bequest-Shares		4,904		
S.A. Gas Co. Bonds (Gwen Michell Bequest)		50,000		
S.A. Gas Co. Bonds (Rutter Jewell-Thomas Bequest)		500		
		-----	183,542	
Carried Forward		225,531	183,542	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£	£
Brought Forward .....	225,531	183,542	
Cellulose Aust. Ltd. (T. E. Barr Smith Travelling Scholarships) .....	13,875		
Finance Corporation of Australia Ltd. (Athol Lykke Fund) .....	1,860		
G. Michell-Shares in Companies .....	56,230		
S.A. Gas Co. Stock (Weimar-Ohlstrom Prizes) .....	300		
S.A. Gas Co. Bond (C. Fenner Prize) .....	100		
S.A. Gas Co. (Byard Prize) .....	100		
A. M. Barnes Estate-Shares .....	5,128		
S. McGregor Reid-Shares .....	24,347		
Jean B. Reid-Shares .....	59,190		
Reginald Walker Bequest-Shares .....	25,996		
Milne Scholarship Fund-Shares .....	5,000		
Cellulose (Aust) Ltd.-T. E. Barr Smith (Lady Barr Smith Anti-Cancer Fellowship) .....	10,500		
S.A. Gas Co. Bond (J. A. Bonnin Cup) .....	300		
S.A. Gas Co. Bond (Estate G. Gollin) .....	2,800		
		431,257	
			<u>614,799</u>

## 14. Buildings-

Bonython Hall .....	51,003
Barr Smith Library-Building .....	33,214
Barr Smith Library-Furniture and Fittings .....	5,936
Mitchell Buildings .....	64,215
Physics Building .....	70,814
Physics-1st Year Building Furniture and Fittings .....	171
Glasshouse-Department of Genetics .....	2,216
Elder Anatomical Building .....	8,596
Vice-Chancellor's House .....	4,876
Staff Common Room .....	1,748
Prince of Wales Building .....	20,324
Elder Conservatorium Building .....	21,743
Darling Building .....	66,779
Elementary Chemical Laboratory .....	3,678
Refectory Building .....	15,433
Refectory Building-Furniture .....	2,594
George Murray Building .....	11,543
Lady Symon Building .....	9,500
Johnson Chemistry Building .....	48,291
Johnson Chemistry Building-Furniture and Fittings .....	6,684
Animal Culture House-Darling Building .....	934
Caretaker's Lodge .....	1,846
Arts Building .....	37,575
Mechanical Engineering Building .....	50,832
Main Engineering Building .....	134,628
Union Building Alterations .....	115,868
Medical Building .....	323,412
Mawson Laboratories .....	127,294
Health Centre .....	1,836
Oil Store .....	615
Stores Building .....	186
Physical Education Projection Room .....	1,059
Carried Forward .....	<u>1,245,443</u>

## THE UNIVERSITY OF ADELAIDE

*Schedules – Capital Accounts as at 31st December, 1962 – Continued*

	£	£	£
Brought Forward .. .. .		1,245,443	
Benham Laboratories .. .. .		39,549	
Benham Laboratories—Furniture and Fittings .. .. .		385	
Observatory Building .. .. .		7,500	
Seismograph Vault at Mt. Bonython .. .. .		3,341	
Prefabricated Hut and Fencing—St. Kilda .. .. .		1,429	
University Maintenance Workshop .. .. .		11,585	
New Glasshouse—Botany .. .. .		3,066	
		<u>1,312,298</u>	
15. <i>Other Lands and Buildings—</i>			
Globe Chambers—Victoria Square .. .. .		18,420	
Waymouth Street Property .. .. .		12,000	
Landed Estate—Northern Territory .. .. .		159	
		<u>30,579</u>	
16. <i>Advances on Mortgages—</i>			
18 Advances .. .. .			<u>34,896</u>
17. <i>Trust Funds Held by Trustees—</i>			
Edward Neale .. .. .		28,917	
Rosye F. Mortlock .. .. .		5,086	
		<u>34,003</u>	
18. <i>Investment Properties and Improvements—</i>			
Nos. 119-120 Mackinnon Parade, North Adelaide			
No. 12 Broadway, Glenelg			
No. 12 Broadway, Glenelg—Furniture			
No. 345 Leslie Road, Blair Athol			
Blount Street, Blair Athol			
Prospect Road, Blair Athol			
No. 17 Struan Avenue, Warradale Park			
No. 17 Struan Avenue, Warradale Park—Furniture			
No. 11 Barker Avenue, Flinders Park			
Gilberton Property			
Gilberton Property—Furniture			
No. 35 Dee Street, Woodville South			
105 Mackinnon Parade, North Adelaide			
116-117 Mackinnon Parade, North Adelaide			
125 Mackinnon Parade, North Adelaide			
109 Mackinnon Parade, North Adelaide			
127 Mackinnon Parade, North Adelaide			
107 Mackinnon Parade, North Adelaide			
131-133 Mackinnon Parade, North Adelaide			
77-79 Finnis Street, North Adelaide			
135 Mackinnon Parade, North Adelaide			
129 Mackinnon Parade, North Adelaide			
73 Finnis Street, North Adelaide			
1 Mackinnon Parade, North Adelaide			
83 Finnis Street, North Adelaide			
53-55 Mackinnon Parade, North Adelaide			
4 Mackinnon Parade, North Adelaide			
93 Finnis Street, North Adelaide			
89 Finnis Street, North Adelaide			
85 Finnis Street, North Adelaide			
Total .. .. .			<u>112,207</u>

## THE UNIVERSITY OF ADELAIDE

## Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
19. <i>Current Balances—</i>			
Petty Cash—Chief Clerk .....		100	
<i>Materials in Workshops—</i>			
Carpenters' Workshop .....	5,271		
Electrical Maintenance, Workshop .....	1,288		
Instrument and Mechanical Maintenance Workshop .....	230		
Photographic Services Materials .....	305		
Electronic Workshop .....	798		
Work in Progress—Wages .....	289		
Work in Progress—Materials .....	141		
Stores Account .....	1,734		
Bulk Alcohol and Methylated Spirits .....	74		
Dental Cabinets .....	14		
		10,144	
<i>Sundry Debit Balances—</i>			
Sir Douglas Mawson Anniversary Volume ...	549		
Outstanding Workshop Accounts .....	519		
Sundry Accounts .....	3,092		
Union Salaries and Wages ...	1,173		
Lawrence Matrix .....	227		
Staff Club .....	1,082		
R. P. Draper ...	97		
Engineering Testing .....	8		
Patent Recording Apparatus .....	130		
Cancer Research .....	3,555		
N. C. Stewart .....	278		
Dissipator Fund—Civil Engineering .....	221		
Z. P. Dienes .....	733		
Fountain Fund—Civil Engineering .....	20		
Anti-Cancer Campaign Committee .....	9,194		
Pharmaceutical Society .....	2,495		
Sturt Dam Fund ...	426		
Kangaroo Creek Dam Fund .....	522		
Advance Account—J. H. van Deth .....	420		
Library Books—1963 Advance Payments ...	6,424		
Harvard School of Dental Medicine .....	200		
P. C. Reade ...	125		
Advance Payment—U.R.G. Geography .....	20		
Advance Account—Penman ...	600		
Sundry Debtors—Library .....	647		
Advance for Equipment—Professor Lawton .....	75		
Library Periodicals—1963 Advance Payments .....	13		
Building Repairs—1963 Advance Payments .....	5,629		
Departmental Maintenance—1963 Advance Payments .....	25		
Economic Geology Consulting Fund .....	61		
Mechanical Engineering Consulting Fund ...	22		
S.A. Tuberculosis Association Library — Donation .....	4		
S.A. Brewing Co. Ltd—Library— Microbiology Department .....	48		
Institute of Chartered Accountants — Prize in Financial Accounting .....	11		
Union Carbide Prizes .....	50		
History Book Club .....	88		
C.S.I.R.O. Electrical Research Board Grant—Kanefff ...	38		
Carried Forward ...	38,821	10,244	

## THE UNIVERSITY OF ADELAIDE

*Schedules — Capital Accounts as at 31st December, 1962 — Continued*

	£	£	£
Brought Forward .. .. .	38,821	10,244	
National Health and Medical Research Grant .. .. .	36		
Department of Air and Civil Aviation—Aeromedical Research .. .. .	254		
Department of External Affairs—Ionospheric Winds .. .. .	237		
G.M.H. Postgraduate Fellowship Grant-in-aid—Mumme .. .. .	45		
Adult Education—Commonwealth Government Grant for Australian Literature .. .. .	40		
Reserve Bank—Economic and Financial Research Fund .. .. .	128		
A.A.E.C.—Mathematical Physics .. .. .	75		
Nuffield Foundation Grant—Geology .. .. .	314		
Department of National Development — Seismology .. .. .	1,358		
Rothmans' Endowment Fund—Grant-in-aid —Biochemistry .. .. .	15		
National Heart Foundation—Casley-Smith .. .. .	61		
National Heart Foundation—Zoology Equipment .. .. .	476		
Portrait — Sir Howard Florey .. .. .	824		
J. G. Wood Memorial Fund .. .. .	77		
Scholander Expedition .. .. .	652		
		<u>43,413</u>	
			<u>53,657</u>
20. <i>Buildings and Work in Progress—</i>			
Barr Smith Library Extensions .. .. .		186,231	
Barr Smith Library Extensions—Equipment and Furniture .. .. .		13,933	
Alterations to Women Medical Students' Changeroom .. .. .		341	
Alterations to Darling Building .. .. .		51,817	
Alterations to Darling Building—Furniture .. .. .		247	
Additional Storeys, Medical Building .. .. .		163,621	
Equipment and Furniture, Medical Building .. .. .		1,541	
Organic Chemistry Building .. .. .		266,157	
Equipment for Organic Chemistry Building .. .. .		6,499	
Main Engineering Building—Additional Floor .. .. .		48,325	
Benham Laboratories .. .. .		11,279	
Benham Laboratories—Furniture and Equipment .. .. .		368	
Napier Building—Stages I and II .. .. .		319,180	
Napier Building—Equipment and Furniture .. .. .		29,991	
Biological Sciences Building—Stage I .. .. .		209,061	
Biological Sciences Building — Equipment and Furniture .. .. .		20,294	
Park 9 Development .. .. .		12,078	
Architecture—Stage II .. .. .		47,338	
Architecture—Furniture .. .. .		2,011	
Bragg Laboratory .. .. .		115,040	
Bragg Laboratory—Furniture .. .. .		4,144	
Carried Forward .. .. .		<u>1,509,496</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1962 - Continued

	£	£	£
Brought Forward .. .. .		1,509,496	
Alterations to Elder Conservatorium .. .. .		11,516	
Alterations to Prince of Wales Building .. .. .		11,176	
Alterations to Prince of Wales Building— Furniture .. .. .		116	
Napier Building—Stage III .. .. .		38,384	
Physical and Inorganic Chemistry Building Extensions .. .. .		136,734	
Physical Education .. .. .		58	
Alterations and Additions to Union Buildings .. .. .		45,228	
Alterations and Additions to Union Buildings—Furniture .. .. .		2,650	
Engineering Annexe .. .. .		30,660	
Alterations to Staff Club .. .. .		8,658	
Biological Sciences—Stage II .. .. .		179,654	
Bedford Park Site .. .. .		1,075	
Cirrus Computer—Electrical Engineering .. .. .		11,502	
Equipment—X-ray Spectrograph—Geology .. .. .		6,552	
Electron Microscope—Zoology .. .. .		9,063	
Dual Purpose Spectrometer—Physical Chemistry .. .. .		21,444	
Scanning Monochromator—Physics .. .. .		6,820	
Law Reports .. .. .		1,195	
Noise and Vibration Chambers—Mechanical Engineering .. .. .		440	
		<u>2,032,421</u>	

## 21. Equipment—

Equipment .. .. .	929,172
Amsler Press .. .. .	6,555
Optical Rotatory Dispersion Apparatus — Organic Chemistry .. .. .	3,209
Equipment—Engineering Testing (No. 1 Account) .. .. .	7,294
Equipment—Engineering Testing (No. 2 Account) .. .. .	9,031
Special—Mining and Metallurgy .. .. .	23,950
Special—Equipment (Chemistry) .. .. .	3,479
Napier Birks Room .. .. .	1,975
Anti-Oxidants Research Project (No. 1 Account) .. .. .	890
Animal Culture House (Darling Building) Special—Electrical Engineering .. .. .	753
Special—Geology .. .. .	108
Clinical Medicine .. .. .	2,565
C.S.I.R.O. Grant for Animal Ecology .. .. .	6,227
Animal Ecology (Rural Credits Development Fund) .. .. .	266
Rockefeller Donation for Organic Chemistry .. .. .	5,144
Nuffield Foundation Donation for Inorganic Chemistry .. .. .	6,705
Organ—Elder Conservatorium .. .. .	6,500
Herbarium—J. M. Black .. .. .	2,880
Irrigation Research Equipment—Civil Engineering .. .. .	100
Electronic Organ—Bonython Hall .. .. .	73
E.T.S.A. Dynamic Network Analyser .. .. .	2,350
	<u>30,471</u>
Carried Forward .. .. .	1,049,697

## THE UNIVERSITY OF ADELAIDE

*Schedules – Capital Accounts as at 31st December, 1962 – Continued*

	£	£	£
Brought Forward .. .. .		1,049,697	
American Petroleum Institute—Geology Equipment .. .. .		1,508	
Damon Runyan Memorial Fund – Farrand Spectrofluorometer .. .. .		2,480	
Nuffield Foundation Grant—Microbiology ..		615	
Mechanical Engineering Consulting Fund		1,245	
Aeromedical Research .. .. .		1,932	
Electronic Research Equipment .. .. .		1,001	
Michell Research .. .. .		2,209	
Sandoz Grant—Obstetrics .. .. .		84	
Radioisotopes Fund .. .. .		127	
Rockefeller Grant—Biochemistry .. .. .		3,100	
Physiology—Special Equipment .. .. .		164	
Equipment—Public Examinations in Music		5,258	
Equipment—Public Examinations Board ..		12,796	
C.R.T.S. Equipment .. .. .		74,202	
Life Insurance Medical Research Fund of Australia and New Zealand (Child Health) .. .. .		1,321	
Life Insurance Medical Research Fund of Australia and New Zealand (Physiology) .. .. .		2,518	
Radio Research Board .. .. .		6,589	
Australian Atomic Energy Commission ..		294	
Atomic Research .. .. .		815	
Atomic Research—Mining .. .. .		939	
C.S.I.R.O.—Native Mammals .. .. .		69	
Reserve Bank Equipment .. .. .		166	
Rural Credits—Fruit Fly Equipment .. ..		805	
Wellcome Fund—Microbiology .. .. .		1,133	
U.S.P.H.S.—Child Health .. .. .		3,201	
Rockefeller Foundation—Physical and Inorganic Chemistry .. .. .		8,900	
Rockefeller Foundation—Zoology .. .. .		3,323	
A.I.N.S.E.—Physics and Physical Chemistry		20	
A.I.N.S.E.—Physical Chemistry .. .. .		1,942	
International Law Association .. .. .		353	
A.I.N.S.E.—Physical Chemistry .. .. .		1,005	
Equipment—Graduates' Union .. .. .		935	
B.H.A.S. Lead Project .. .. .		1,773	
Elder Conservatorium Bergonzi Viola .. ..		1,045	
A.A.E.C.—Physical Chemistry .. .. .		520	
A.A.E.C.—Physics .. .. .		710	
Geology Consulting Fund Equipment .. ..		23	
Rockefeller—Kuru Research Equipment ..		1,716	
Australian Road Research Board—Pathology		89	
National Heart Foundation Equipment ..		2,721	
Commonwealth Postgraduate Scholarship Equipment .. .. .		2,132	
U.S.P.H.S.—Child Health .. .. .		191	
U.S.P.H.S.—Zoology .. .. .		189	
U.S.P.H.S.—Physical Chemistry .. .. .		712	
N.H.M.R.C. Equipment .. .. .		6,762	
M.R.C. Equipment .. .. .		25,818	
Australian Dairy Produce Board— Biochemistry .. .. .		200	
U.S. Public Health Service—Microbiology ..		13,179	
Electrical Research Board—Physics .. ..		426	
Carried Forward .. .. .		1,248,952	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
Brought Forward .. .. .		1,248,952	
C.S.R.—Physical Chemistry .. .. .		505	
Projection Equipment—Union Hall .. .. .		1,500	
Postgraduate Committee—Medicine .. .. .		114	
Economic Geology Consulting Fund— Equipment .. .. .		1,035	
Mechanical Engineering Special Equipment .. .. .		61	
C.S.R.—Mining .. .. .		800	
		<u>1,252,967</u>	
<b>22. Library Books and Binding—</b>			
Expended to 31/12/49 .. .. .		80,408	
Purchased from H.M. Government of S.A. Funds .. .. .		332,089	
Carnegie Corporation—Expenditure .. .. .		5,967	
T. E. Barr Smith Endowment for Library .. .. .		5,586	
Sir William Mitchell Endowment for Library .. .. .		1,657	
Elizabeth Jackson Endowment for Library .. .. .		1,236	
A.M.A. Library Expenditure .. .. .		11,614	
A. M. Simpson for Library .. .. .		923	
Kate Helen Weston for Library .. .. .		12	
S.A. Tuberculosis Association — Donation for Library .. .. .		804	
Herbert Shorney Memorial Library .. .. .		270	
Elizabeth Mills for Library .. .. .		163	
Institute of Physics—Donations for Library Books .. .. .		58	
Australian Association of Psychiatrists — Grant to Medical Library .. .. .		35	
S.A. Brewing Co.—Library Expenditure— Microbiology .. .. .		276	
Viscount Dunrossil Memorial Library .. .. .		129	
		<u>441,227</u>	
<b>23. Furniture—</b>			
Furniture—General .. .. .		107,948	
Staff Common Room .. .. .		2,269	
Electric Light and Power Installation .. .. .		1,814	
Mechanical Engineering Consulting Fund .. .. .		253	
Economic Geology Consulting Fund .. .. .		266	
Special Furniture—Computing Centre .. .. .		86	
		<u>112,636</u>	

## THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1962 — Continued

	£	£	£
WAITE AGRICULTURAL RESEARCH INSTITUTE—			
24. <i>Funds Held by Trustees—</i>			
Peter Waite Trust Fund Investments .....		60,159	
Elizabeth MacMeikan Trust Fund			
Investments .....		18,872	
Hugh Hughes Estate—Trust Fund .....		36,073	
			<u>115,104</u>
25. <i>Land—</i>			
Urrbrae, Claremont and Netherby Estates		42,455	
Alverstoke Estate .....		12,000	
			<u>54,455</u>
26. <i>Buildings—</i>			
Plant Pathology House .....		1,650	
Plant Culture House .....		850	
Implement Shed and Workshop .....		1,126	
Cereal Barn .....		2,014	
Netherby Cottage .....		738	
Implement Shed No. 2 .....		1,083	
Plant Culture House .....		5,714	
Shearing Shed .....		1,586	
Education Block .....		399	
Cool House No. 5B (Building No. 35) .....		8,532	
Glasshouse and Shadehouse—Rural Credits			
Fund .....		3,061	
Glasshouse No. 5, South Portion (Building			
No. 33) .....		1,079	
Extension of Plant Culture House (Wiles			
Prefabricated Shed) .....		1,767	
Prefabricated Shed Building No. 32 .....		503	
Glasshouse No. 6 (Building No. 34) .....		157	
Glasshouse No. 21 .....		2,602	
John Melrose Laboratory .....	16,744		
John Melrose Laboratory—Fittings .....	4,186		
			20,930
John Darling Laboratory .....	9,812		
John Darling Laboratory—Fittings .....	2,186		
			11,998
Ranson Mortlock Laboratory .....	11,455		
Ranson Mortlock Laboratory—Fittings .....	3,922		
			15,377
Waite Institute (South Wing) .....	21,463		
Waite Institute (South Wing Fittings) .....	4,123		
			25,586
Glasshouse No. 7 .....		3,800	
Alterations to Urrbrae House .....		9,984	
Alterations to Laboratories—Agricultural			
Chemistry .....		19,383	
Renovations to Laboratories (C.S.I.R.O.			
Grant) .....		1,581	
Alterations—Plant Pathology (Nematology			
Laboratories) .....		552	
Waite Insectary Building .....		16,086	
New East Wing .....	111,518		
New East Wing—Furniture and Equipment	4,382		
			115,900
Maintenance Workshop .....		9,532	
Agronomy Field Laboratory .....		10,420	
Glasshouse No. 8 .....		4,912	
Agronomy Garage .....		1,170	
			<u>300,072</u>
Carried Forward .....			

## THE UNIVERSITY OF ADELAIDE

*Schedules – Capital Accounts as at 31st December, 1962 – Continued*

	£	£	£
Brought Forward .....		300,072	
Waite Animal House (Agricultural Chemistry) .....		3,114	
Central Animal House .....		18,007	
Farm Garages .....		1,293	
Glasshouse No. 22 .....		2,521	
			<u>325,007</u>
<b>27. Equipment and Furniture—</b>			
Farm Equipment .....		11,368	
Laboratory Equipment .....		28,574	
Students' Equipment .....		2,148	
Farm Improvements .....		9,308	
Live Stock Account .....		2,510	
Equipment .....		245,980	
John Mortlock Research Station—			
Equipment .....		2,268	
Rural Credits Development Fund—			
Equipment .....		10,000	
Electron Microscope .....		19,977	
Wool Research Equipment—Agronomy .....		3,440	
Wool Research Equipment—Entomology .....		401	
Barley Improvement Fund Equipment —			
Agronomy .....		4,528	
Barley Improvement Fund Equipment —			
Plant Physiology .....		1,307	
Commonwealth Wheat Research Equipment			
—Agricultural Chemistry .....		12,401	
Commonwealth Wheat Research Equipment			
—Agronomy .....		5,981	
Commonwealth Wheat Research Equipment			
Plant Physiology .....		402	
Commonwealth Wheat Research Equipment			
Plant Pathology .....		48	
State Wheat Research Equipment—			
Agricultural Chemistry .....		8,630	
State Wheat Research Equipment—			
Agronomy .....		1,659	
Anonymous Donation—Animal Science .....		500	
A.A.E.C.—Plant Physiology .....		341	
A.I.N.S.E.—Grant for Agricultural			
Chemistry .....		653	
U.S.P.H.S.—Agricultural Chemistry .....		4,625	
Furniture .....		16,338	
			<u>393,387</u>
<b>28. Library—</b>			
Purchased from State Funds .....		41,996	
Library .....		11,123	
			<u>53,119</u>
<b>29. Current Balances—</b>			
Petty Cash .....		50	
Advance Account .....		50	
C.S.I.R.O. Soil Investigations .....		95	
Australian Wine Research Board .....		26	
Barley Improvement Fund .....		162	
A.A.E.C.—Plant Physiology .....		8	
S.A. Fruitgrowers' and Market Gardeners'			
Pea Research .....		20	
Dairy Industry Research Fund .....		41	
Sundry Debtors .....		2,424	
1963 Advance Payments—Building Repairs		1,600	
			<u>4,476</u>

THE UNIVERSITY  
*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Anatomy</i>	Wenner-Gren Foundation for Anthropological Research
<i>Anthropology</i>	National Heart Foundation Australian Institute of Aboriginal Studies Australian Institute of Aboriginal Studies The Myer Foundation
<i>Biochemistry</i>	Commonwealth Department of Health Rothmans University Endowment Fund
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health Department of External Affairs Antarctic Division
<i>Botany</i>	Reserve Bank—Rural Credits Development Fund
<i>Physical and Inorganic Chemistry</i>	Australian Atomic Energy Commission Australian Atomic Energy Commission Australian Institute of Nuclear Science and Engineering Colonial Sugar Refining Co. Ltd. United States Department of Health, Education and Welfare
<i>Organic Chemistry</i>	Monsanto Chemicals Ltd. American Chemical Society (Petroleum Research Fund) American Chemical Society (Petroleum Research Fund) Damon Runyon Memorial Fund for Cancer Research Jane Coffin Childs Memorial Fund for Medical Research Monsanto Chemicals Ltd. United States Department of Health, Education and Welfare General Motors-Holden's Ltd.
<i>Child Health</i>	National Heart Foundation of Australia Adelaide Children's Hospital The Nestle Company Aust. Ltd. Sigma Company Ltd. The Life Insurance Medical Research Fund
<i>Economics</i>	C.I.B.A. Company Ltd. U.S. Department of Health, Education and Welfare Reserve Bank—Economic and Financial Research Fund Reserve Bank—Rural Credits Development Fund

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	<i>Estimate</i>	
	1962	1963
Grant for Lectures on Australian Literature .....	480	500
Grant to Aid Physical Anthropological Research on Aborigines of Northern Australia .....	174	1,430
Medical Research Fellowship .....	600	3,695
Grant towards Cost of Research Visit to Central Australia .....	550	—
Grant for Collection of Ethnomusicological Material—Dr. C. Ellis .....	178	172
Grant for Equipment for Ethnomusicological Research—Dr. C. Ellis .....	—	533
N.H.M.R.C. Grant for Medical Research .....	833	2,113
Fellowship and Grant-in-aid .....	1,711	1,800
N.H.M.R.C. Annual Grant .....	2,200	2,000
Grant for Assistance in Work on MacQuarie Island Algae .....	69	—
Grant for Research on Physiology of the Nutrition of Saltbush ..	1,700	1,700
Grants for Research .....	520	1,867
Studentship .....	1,212	900
Grants for Research .....	2,472	7,092
Studentship .....	600	—
Grant for Project "The Diffusion Coefficients of Nucleic Acids"	1,505	6,000
Grant for Research on High Polymers .....	139	250
Grant for a Study of "The Desulphurization Reaction and Related Topics" .....	1,556	1,069
No. 2 Grant—New Aromatic Systems .....	750	1,248
Grant for the Project "The Process of Tar Formation" .....	1,155	1,216
Grant for Expenses of Investigations by Professor G. M. Badger ..	1,896	522
Grant for Research on High Polymers .....	400	400
Grant for Research in "The Process of Tar Formation" .....	125	5,400
Postgraduate Fellowship .....	1,008	—
Grant for Research on Effect of Acute Change in Total Body Water and Electrolyte Content in Myocardial Metabolism and Coronary Blood Flow .....	530	—
Grants for Research .....	325	1,298
Grant for Metabolic Study .....	6	251
Grant for Assistance for Work on Penicillin Derivatives .....	—	399
Grant for Research on Coronary Blood-flow and Myocardial Metabolism .....	2,324	432
Grant for Research .....	—	386
Grant for Project "Metabolism of Canine and Marsupial Heart"	7,036	10,000
Grant for Project "Trade Credit in Australia" .....	2,200	—
Grant for Project "The Australian Wage-Price Mechanism Since 1953" .....	863	248
Grant for Project—"The Australian Labour Market" .....	912	288
Econometric Analysis of the Structure of the Market for Australian Wool .....	2,184	3,216
Carried Forward .....	38,213	56,425

THE UNIVERSITY  
*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Elder Conservatorium</i> .....	Australian Elizabethan Theatre Trust .....
<i>Civil Engineering</i> .....	Sundry Firms .....
	Reserve Bank – Rural Credits Development Fund, Pope Products Ltd., and Southern Cross Machinery Co. ....
<i>Electrical Engineering</i> ...	Department of Supply .....
	Postmaster-General's Department .....
	Australian Atomic Energy Commission .....
	C.S.I.R.O. Electrical Research Board .....
	Department of Civil Aviation .....
<i>Chemical Engineering</i> ...	Australian Atomic Energy Commission .....
	Australian Atomic Energy Commission .....
	Water Research Foundation .....
	Albright & Wilson (Aust.) Pty. Ltd. ....
	Colonial Sugar Refining Co. ....
<i>English</i> ...	Commonwealth Literary Fund .....
<i>Genetics</i> ..	National Heart Foundation of Australia .....
	Wool Research Committee .....
<i>Genetics and Medicine</i> .....	Rockefeller Foundation .....
<i>Geology</i> ...	American Petroleum Institute .....
	The Nuffield Foundation .....
<i>Economic Geology</i> .....	Broken Hill Mining Managers' Association .....
	Australian Development N.L. ....
<i>Law</i> .....	International Law Association .....
	Social Sciences Research Council .....
<i>Mathematics</i> .....	General Motors-Holden's Ltd. ....
	Australian Road Research Board .....
<i>Mathematical Physics</i> .....	Australian Institute of Nuclear Science and Engineering .....
	Australian Atomic Energy Commission .....
	General Motors-Holden's Ltd. ....
<i>Medicine</i> .....	Commonwealth Department of Health .....
	National Heart Foundation .....
	National Heart Foundation .....
<i>Microbiology</i> .....	Commonwealth Department of Health .....
	Merck, Sharpe & Dohme Laboratories Inc. ....
	The Wellcome Trust .....
	United States Department of Health, Education and Welfare .....
	Nuffield Foundation .....
<i>Obstetrics</i> .....	Sandoz Ltd. ....
	National Heart Foundation .....
	G. D. Searle & Co. Ltd. ....
	Commonwealth Department of Health .....
<i>Pathology</i> .....	Australian Road Research Board .....

## OF ADELAIDE

*Received from Outside Sources*

Nature of Grant	Estimate	
	1962	1963
Brought Forward .....	38,213	56,425
Grant to Support Opera .....	—	1,450
Concrete Research .....	41	50
Grants for Irrigation Research .....	4,197	6,174
Grant for Research in Computers .....	4,000	—
Grant for "Cirrus" Project .....	2,500	1,250
Studentships .....	655	—
Grant for Research in Power Networks .....	475	500
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems .....	1,996	58
Studentships .....	3,088	1,200
Grants for Research .....	1,246	1,798
Grant for Research in the Use of a Wiped Film Evaporator for the Distillation of Sea Water .....	—	1,000
Studentship in Chemical Engineering .....	200	50
Grant to Supplement Scholarship and for Purchase of Equipment .....	950	—
Grant for Lectures in Australian Literature .....	160	100
Grant for Research in Cytogenetics of Man .....	938	2,000
Fellowship .....	—	1,100
Grant for Kuru Research .....	363	—
Grant for Research on Dolomite Sedimentation .....	528	2,068
Grant for a Research Project on Pre-Cambrian Fossils in S.A. ...	1,602	1,400
Grant for Research in Department of Economic Geology .....	747	—
Studentship .....	—	500
Grant for Project "Succession of New States" .....	6,886	4,500
Grant-in-aid of Research Project on International Law .....	71	120
Postgraduate Studentship in Theory of Traffic Flow .....	182	—
Fellowship .....	1,250	—
Grants for Research .....	749	2,354
Grants for Studies in (a) Computer Codes for (n,p) and (n,2n) Reactions .....	1,794	—
Fellowship .....	1,200	—
N.H.M.R.C. Grant for Medical Research .....	2,119	3,795
Grant for Radioactive Platelet Studies .....	3,545	490
Junior Medical Research Fellow .....	1,712	2,100
N.H.M.R.C. Grant for Medical Research .....	2,984	4,220
Grant for Research by Professor D. Rowley .....	852	344
Grant to Support Work on Chemical Products of Bacteria .....	2,024	5
Grant for Research on Role of Oponins in the Native Susceptibility to Infections .....	10,120	13,700
Grant for Work in the Field of Natural Immunity to Infectious Diseases .....	2,986	9,627
Grant for Research in Obstetrics .....	156	100
Grant for Research in Hypertensive Conditions during Pregnancy .....	187	400
Grant for Work on Hormone Preparations .....	205	908
N.H.M.R.C. Grant for Medical Research .....	2,910	960
The Investigation of a Random Sample of Injury-producing Traffic Accidents in Adelaide .....	1,781	2,200
Carried Forward .....	105,612	122,946

<i>Department</i>	<i>Source of Grant</i>
<i>Physics</i> .....	C.S.I.R.O. Radio Research Board .....
	General Motors-Holden's Ltd. ....
	Australian Atomic Energy Commission .....
<i>Physics and Physical Chemistry</i> .....	Department of National Development ... ..
	I.C.I.A.N.Z. ....
	Australian Institute of Nuclear Science and Engineering .....
<i>Physiology</i> .....	Department of Air and Department of Civil Aviation .....
	Commonwealth Department of Health ... ..
	Life Assurance Medical Research Fund .....
<i>Physiology</i> .....	National Heart Foundation of Australia .....
	National Heart Foundation of Australia .....
<i>Zoology</i> ..	Wool Research Committee .....
	Reserve Bank - Rural Credits Development Fund .....
	George Aitken Trust Fund .....
	The Nuffield Foundation .....
	The Nuffield Foundation .....
	S.A. Fishermen's Co-operative Ltd. ....
	C.S.I.R.O. ....
	Australian Cattle and Beef Research Committee
	U.S. Department of Health, Education and Welfare .....
	Prime Minister's Department .....
National Heart Foundation .....	
Reserve Bank - Rural Credits Development Fund .....	
<i>Barr Smith Library</i> .....	S.A. Tuberculosis Association .....
	Australian Medical Association ... ..
	Australian Association of Psychiatrists .....
	S.A. Associated Brewers .....
<i>Medical Research (General)</i> .....	National Heart Foundation .....
	Commonwealth Department of Health .....

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1962	<i>Estimate</i> 1963
Brought Forward .....	105,612	122,946
Meteor Trails Research .....	7,759	8,874
Postgraduate Fellowship .....	1,286	—
Grant for Study and Development of Stable Battery High Voltage Power, etc. ....	1,180	235
Grant to Assist Maintenance of Seismic Observatory .....	1,165	1,200
Research Fellowship .....	1,100	—
Grant for "Neutron Diffraction Studies of Silver Nitrate and Thallous Nitrate" .....	250	75
Aeromedical Research .....	6,367	3,500
N.H.M.R.C. Grant for Medical Research .....	2,457	4,627
Grant for Research on the Effects of Reserpine, etc., on the Levels of Circulating Vasoactive Hormones .....	592	990
Grant for Research in Lipid Metabolism in Atherosclerosis .....	2,598	5,000
Fellowships and Grant-in-aid .....	1,562	2,550
Grant for Ecological Investigation of Pastures in the Mid-North of South Australia .....	3,891	6,126
Grant for Research in the Ecology of the Snail Vector of the Liver Fluke Parasite of Sheep .....	1,715	2,966
Grant for Research on Nematode Parasites .....	580	80
Grant for Research on Marsupial Genetics .....	343	272
Grant for Research on Ecology and Physiology of Animals which Live in Dry Country .....	—	2,000
Grant for Research on Crayfish .....	—	61
Grant towards Cost of Research on the Physiology of Native Mammals .....	82	16
Grant for Research in Chemistry of the Mechanism of Infection of Nematode Parasites .....	328	1,173
Grant for Project "Physiological Adaptations to Parasitism" .....	890	6,000
Grant for Publication of B.A.N.Z.A.R.E. Reports .....	1,352	2,000
The Control of Circulation and Respiration in Fish .....	476	2,289
Grant for Fruit Fly Research .....	2,090	3,510
Grant for Books and Periodicals Dealing with Tuberculosis .....	27	50
Grant for Medical Books and Periodicals .....	571	1,000
Grant for Medical Books and Periodicals .....	11	10
Grant for Laboratory Books, Manuals, etc., for Microbiology Department .....	48	200
Grant for Viscount Dunrossil Memorial Library .....	129	200
N.H.M.R.C. Grant to the University for Medical Research .....	1,500	1,500
	<u>£ 145,961</u>	<u>£ 179,450</u>

## THE UNIVERSITY

*Expenditure of Grants*

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute</i> .....	Wool Research Committee .....
	Wool Research Committee .....
	Imperial Chemical Industries of Australia and New Zealand .....
	Barley Improvement Fund .....
	Australian Atomic Energy Commission .....
	Australian Institute of Nuclear Science and Engineering .....
	S.A. Fruitgrowers' and Market Gardeners' Association .....
	S.A. Fruitgrowers' and Market Gardeners' Association .....
	The Australian Dried Fruits Association and S.A. Canning Fruitgrowers' Association .....
	Deciduous Tree Fruit Research and Extension Committee (Dept. of Primary Industry) .....
	Reserve Bank - Rural Credits Development Fund .....
	The Rockefeller Foundation .....
	Merck & Co. ....
	Apple and Pear Board .....
	Wheat Industry Research Council (Commonwealth) .....
	Wheat Industry Research Council (State) .....
	Dairy Industry Research Fund .....
	Commonwealth Department of Health .....
	U.S. Department of Health, Education and Welfare .....
	Nuffield Foundation .....
	The Squibb Institute for Medical Research .....
	Australian Cattle and Beef Research Committee .....
	Australian Cattle and Beef Research Committee .....
	National Sirex Trust Fund .....
	Rothmans University Endowment Fund .....

## OF ADELAIDE

*Received from Outside Sources*

<i>Nature of Grant</i>	1962	<i>Estimate</i> 1963
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; Investigations on Pasture Cockchafer, and Investigations on Lerps in Farm Shade Trees .....	16,823	27,420
Wool Research Fellowship .....	1,059	—
Grant for Investigations in the Competitive Effects of Weeds in Crops and Pastures .....	99	72
Grant for Research into Barley .....	10,855	11,300
Grant for Research Project "Uptake, Translocation and Deactivation by Plants of radioactive Growth Regulators" .....	1,122	—
Grant for Project "Control of Eradication of Fruit Fly by Releasing Sterile Males" .....	895	55
Grant for Research on Economic Importance of Pea Diseases in South Australia .....	806	1,000
Grant for Codlin Moth Research .....	263	—
Grants for Research on Economic Importance of Stonefruit Diseases in South Australia .....	902	2,000
Grant for Insectary Facilities .....	1,400	—
Grant for the Purchase of an Ultracentrifuge .....	2,800	—
Grant for Gibberellin Testing on Grapes .....	60	28
Grant for Codlin Moth Research .....	—	2,205
Grant for Wheat Improvement Research .....	27,573	30,519
Grant for Wheat Improvement Research .....	6,800	8,555
Grant for Research on Cheese Moulds .....	271	—
Grant towards Quarantine Investigations .....	2,880	2,500
Grant for Project "Biochemistry of Tomato Spotted Wilt Virus" .....	4,797	9,000
Grant for Project Concerned with the Structure and Biological Properties of a Homogeneous Deoxyribonucleic Acid .....	481	1,900
Grant for Investigations Concerning the Synthesis and Metabolism of Organic Arsenicals .....	4,680	1,860
Grants for Research .....	—	3,000
Studentship .....	500	—
Grant for Sirex Wasp Research .....	948	3,750
Studentship .....	466	1,500
	<u>£ 86,480</u>	<u>£ 106,664</u>

## SUMMARY

NORTH TERRACE .....	£ 145,961	£ 179,450
WAITE INSTITUTE .....	86,480	106,664
Total Grants from Outside Sources .....	<u>£ 232,441</u>	<u>£ 286,114</u>

THE UNIVERSITY  
STATEMENT OF SEPARATE

INCOME		£
<b>ANTI-CANCER—</b>		
Annual Grant from H.M. Government of South Australia .....		6,000
Income from Neale Endowment .....		900
Income from R. F. Mortlock Endowment .....		194
Income from E. F. Hern Endowment .....		46
Income from C. V. Crocombe Endowment .....		149
Income from R. T. Melrose Endowment .....		92
Income from J. Grinberg Endowment .....		4
Income from H. L. Heuzenroeder Endowment .....		114
Income from Hoare Estate .....		309
Income from M. August Endowment .....		73
Income from Emma Jeffress Endowment .....		244
Income from Ruby Chambers Endowment .....		19
Income from O. E. Braund Endowment .....		163
Income from E. Mills Endowment .....		55
Income from Josephine Martin Bequest .....		1,037
Income from Isobel Young Endowment .....		89
Income from Lord Mayor's Fund .....		469
Income from Sundry Endowments (3,256) .....		130
Linear Accelerator Treatment Fees .....		1,569
Donations .....		118
Radon Department Income .....		538
Sale of Publications .....		77
Manchester Unity Grant for Overseas Travel .....		596
Deficit .....		15,019
		<b>£ 28,004</b>
 <b>UNION FEES—</b>		
Balance brought forward from 1961 .....		54
Fees Received for the Year 1962 .....		56,389
		<b>£ 56,443</b>
 <b>ADULT EDUCATION—</b>		
Grant by H.M. Government of S.A. ....		20,500
Fees: Tutorial Classes .....		5,477
Schools and Special Programmes .....		4,990
Sundry Receipts .....		27
		<b>£ 30,994</b>
 <b>EDWARD NEALE TRUST FUND—</b>		
Income for the year 1962 .....		<b>£ 900</b>

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1962

## EXPENDITURE

## ANTI-CANCER—

	£
Salaries .....	
Payroll Tax and Insurance .....	14,242
Radon Expenses .....	316
Library .....	59
Equipment .....	235
Sundries .....	1,540
Patients' Transport .....	991
Linear Accelerator Maintenance .....	60
Grant to Department of Organic Chemistry .....	1,770
Grant to Dept. of Agricultural Chemistry .....	975
Grant to Department of Zoology .....	5,440
Grant to Department of Obstetrics .....	64
Grant to Department of Physics .....	1,197
Subscription to Anti-Cancer Society .....	28
Overseas Travel .....	501
	586

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 £ 28,004

## UNION FEES—

Paid to Union Council .....	55,917
Refunded to Students .....	526

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 £ 56,443

## ADULT EDUCATION—

Administrative Salaries .....	14,886
Honoraria—Tutors and Lecturers .....	8,506
Payroll Tax and Insurance .....	492
Tutors' Travelling Expenses .....	210
Travelling Expenses—Staff .....	133
Printing and Programmes .....	347
Advertising .....	187
Library .....	380
Administrative Expenses .....	885
Schools and Special Programmes Expenses .....	3,548
Furniture and Equipment .....	65
Motor Vehicles Expense Account .....	594
Depreciation on Motor Vehicles .....	100
Miscellaneous Expenditure .....	1
Surplus Transferred to University 1962 Surplus Account .....	660

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 £ 30,994

## EDWARD NEALE TRUST FUND—

Transferred to Anti-Cancer Fund, 1962 .....	£ 900
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THE UNIVERSITY  
STATEMENT OF SEPARATE

INCOME

	£
<b>MEDICAL RESEARCH COMMITTEE—</b>	
N.H.M.R.C. Grant .....	1,500
Sheridan Income Account .....	14,444
Sewell Myer Income Account .....	1,075
G. M. Dowling Income Account .....	3,147
J. T. Mortlock Income Account .....	1,180
Jean B. Reid Income Account .....	3,770
Sundry Income .....	45
	<u>£ 25,161</u>

**PUBLIC EXAMINATIONS BOARD—**

Fees Received for year 1962 .....	58,200
Sundry Income .....	1,482
	<u>£ 59,682</u>

*Accumulated Fund Credit Balance at 31/12/62 (including 1962 Surplus) = £13,744*

**BOARD OF PUBLIC EXAMINATIONS IN MUSIC—**

Fees Received for year 1962 .....	8,820
	<u>£ 8,820</u>

*Accumulated Fund Credit Balance at 31/12/62 (including 1962 Surplus) = £22,997*

## OF ADELAIDE

## ACCOUNTS FOR THE YEAR 1962 — Continued

## EXPENDITURE

MEDICAL RESEARCH COMMITTEE—		£
Salaries, Payroll Tax and Insurance	.....	12,957
Departmental Expenditure:		
Physiology	.....	3,942
Pathology	.....	570
Dentistry	.....	1,184
Medicine	.....	1,085
Biochemistry	.....	1,811
Anatomy	.....	553
Obstetrics	.....	463
Obstetrics and Dentistry	.....	187
Microbiology	.....	757
Child Health	.....	83
Surgery	.....	370
Medical Animal House	.....	999
Grant to Australian Journal of Experimental Biology and Medical Science		200
		<u>£ 25,161</u>

## PUBLIC EXAMINATIONS BOARD—

Salaries	.....	12,385
Examiners, Supervisors and Local Secretaries	.....	24,582
Printing and Stationery	.....	9,809
Furniture and Equipment	.....	711
Hire of Halls	.....	421
Postages and Petty Cash	.....	672
Sundries	.....	875
Administration Charges	.....	5,820
Examination Expenses	.....	138
Surplus 1962 (Transferred to the Accumulated Fund)	.....	4,269
		<u>£ 59,682</u>

There exists, however, a contingent liability to pay early in 1963 Examiners, Supervisors and Local Secretaries approximately £41,000 (at the recently revised rates) for work involved with the November, 1962, examinations.

## BOARD OF PUBLIC EXAMINATIONS IN MUSIC—

Clerical Expenses	.....	3,315
Printing and Stationery	.....	917
Sundries	.....	580
Furniture and Equipment	.....	12
Scholarships and Prizes	.....	111
Organist	.....	50
A.M.E.B. Adjustments	.....	50
Administration Charges	.....	882
Surplus, 1962 Transferred to Accumulated Fund	.....	2,903
		<u>£ 8,820</u>

THE UNIVERSITY  
STATEMENT OF SEPARATE

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INCOME

PHARMACY—	£
Reimbursement of Salaries and Laboratory Expenses by Pharmaceutical Society of South Australia .....	6,897
Reimbursement Due by Pharmaceutical Society of South Australia .....	2,495
Pharmacy Fees .....	423
	£9,815
<b>HOSPITAL FEES—</b>	
Fees—Medicine .....	11,540
Fees—Dentistry .....	431
	£ 11,971

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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 April, 1963.

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1962 - Continued

## EXPENDITURE

PHARMACY—	£
Salaries .....	6,253
Printing .....	198
Advertising .....	167
Laboratory Maintenance .....	2,224
Equipment .....	550
Transferred to University Income and Expenditure Account (Fees) .....	423
	<u>£9,815</u>
 HOSPITAL FEES—	
Royal Adelaide Hospital—Honorary Staff .....	3,590
Director-General of Medical Services .....	1,534
Queen Victoria Maternity Hospital—Honorary Staff .....	145
Queen Victoria Maternity Hospital .....	1,515
Queen Elizabeth Hospital—Honorary Staff .....	1,698
Queen Elizabeth Hospital .....	2,228
Adelaide Children's Hospital—Honorary Staff .....	582
Adelaide Children's Hospital .....	248
Dental Hospital .....	431
	<u>£11,971</u>

the year which ended on the 31st December, 1962, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

STEELE & CALDER, Chartered Accountants,  
E. F. HUNWICK, Chartered Accountants,  
Auditors.

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1962

PART IV

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## REGULATIONS

For conditions of matriculation, see Chapter IX of the Statutes. The numbers in brackets after the subjects refer to the syllabuses.

### 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 following shall be the subjects of lectures and examinations for the Ordinary degree:

Greek I (1), II (3), and III (6);  
Latin I (11), II (13), and III (16);  
Ancient History (2);  
Comparative Philology (7);  
French I (31), II (33), and III (36);  
German IA (42), I (41), II (43), and III (46);  
English I (21), II (23), and III (26);  
History IA (50), IB (51), IC (52), IIA (53), IIB (54),  
IIIA (56), and IIIB (57);  
Politics I (61), IIA (63), IIB (64), IIIA (66), and IIIB (67);  
Economics I (171), II (173), and III (176);  
Social Economics (170);  
Geography I (91), II (93), and III (96);  
Economic Geography (92);  
Philosophy I (71), II (73), IIIA (76), and IIIB (77);  
Psychology IA (82), I (81), IIA (83), IIB (84), IIIA (86),  
and IIIB (87);  
Education (101);  
General Mathematics (201), Mathematics I (202), and II (203), Pure Mathematics II (204), and III (206);  
Mathematical Statistics I (214), and Mathematical Statistics II (216);  
Music I (750 and 755), II (756 and 795), and III (737 and 798).

#### Science Subjects:

Applied Mathematics II (205), and III (207);  
General Physics (221), Physics I (222), and II (223);  
Chemistry I (231), Chemistry II (244), Physical and Inorganic Chemistry II (233), and Organic Chemistry II (243);  
Botany I (261), and II (263);  
Zoology I (271), and II (273);  
Geology I (251), and II (253);  
Biology (270);  
Genetics I (293).

Each of the above-mentioned divisions of a subject (e.g., Greek I) or an undivided subject (e.g. Comparative Philology) is a course in that subject, except that Greek II counts as two courses.

° Amended 15th January and 28th July, 1959, and 17th December, 1959, and further amendment pending at time of printing.

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 (148).

\*3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (9),
- (b) Latin (19),
- (c) English Language and Literature (29),
- (d) French Language and Literature (39),
- (e) History (59),
- (f) Economics (179),
- (g) Geography (99),
- (h) Philosophy (79),
- (i) Mathematics (209),
- (j) German Language and Literature (49),
- (k) Politics (69),
- (l) Psychology (89),

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. The final examination may not, except by special permission of the Faculty, be taken until four years of study have been completed after matriculation.

The names of 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	Third Class
	Division I	
	Division II	

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.

A candidate who is unable to complete the course for the Honours degree or whose work is unsatisfactory at any stage of the course may be allowed or required by the Faculty to take the course for the Ordinary degree, and may, as the Faculty shall in each case determine, count as courses or sequences of courses towards that degree such courses or sequences of courses as he may have completed in subjects that are not common to the two degrees, provided that he complies in all other respects with the requirements for the Ordinary degree.

†4. Except as provided for in the schedule defining the combined course for the degrees of Bachelor of Arts and Bachelor of Laws, a candidate for the Ordinary degree shall attend lectures regularly and pass examinations in ten of the courses set out in Regulation 2; the ten courses required for the degree shall comply with the prescriptions laid down in the schedules.

\*Amended 11th November, 1954, 25th August, 1955, 22nd December, 1955, 9th January, 1958, and 28th July, 1959.

† Allowed 4th October, 1962.

5. Schedules defining the range of study and the examinations to be passed by candidates for either the Honours degree or the Ordinary degree shall be drawn up from time to time by the Faculty and submitted to 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. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses 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 in that subject.

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.

\* Allowed 20th December, 1956; amended 15th January, 1959.

† Allowed 16th March, 1961.

13. 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 obtained the Honours degree of Bachelor of Economics may obtain the Honours degree of Bachelor of Arts in the School of Economics.

†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.

† Allowed 18th October, 1956.      Allowed 17th January, 1952.

### Schedules made by the Council under Regulations 5 and 14

#### SCHEDULE I: THE HONOURS DEGREE

1. Every candidate for an Honours degree shall pass in Course I in a language other than English or in an examination in a language other than English approved by the Faculty.

2. Except in special circumstances approved by the Council, a candidate must complete, before the year in which he presents himself for the final Honours examination, the following courses:

- (a) For the Honours degree in Classics:
  - Greek I, II and III;
  - Latin I, II and III;
  - Comparative Philology;
  - English I.
- (b) For the Honours degree in Latin:
  - Latin I, II and III;
  - Greek I;
  - Three other courses, of which at least two must be in sequence.
  - Instruction will be offered in Elementary Greek.
- (c) For the Honours degree in English Language and Literature:
  - There shall be alternative schemes of study: A and B.
  - Scheme A:*
    - English I, II and III;
    - Old and Middle English I and II;
    - Three additional courses approved by the Professor of English Language and Literature, including at least one course in a language other than English.
  - Scheme B:*
    - English I, II and III;
    - A sequence of three courses in another subject approved by the Professor of English Language and Literature;
    - Two additional courses approved by the Professor of English Language and Literature.
    - Course I in a language other than English must be presented as one of the five elective courses.

- (d) For the Honours degree in French Language and Literature:  
 French I, II and III;  
 Old and Middle French I and II;  
 Courses I and II in another subject for the ordinary degree;  
 One additional course.  
 Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.
- (e) For the Honours degree in History:  
 History I (A or B or C), II (A or B), IIIA;  
 An examination in a language other than English approved by the Faculty;  
 Five other courses approved by the Professor of History, which must ordinarily include a second third-year course.
- (f) For the Honours degree in Economics:  
 Economics I, II and III;  
 Five other courses approved by the Professor of Economics including a third-year course in a subject other than Economics;  
 An examination in a language other than English approved by the Faculty.
- (g) For the Honours degree in Geography:  
 Geography I, II and III;  
 Course I of any Science subject specified in Regulation 2;  
 Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate may present a second year course in a science subject from Regulation 2 in lieu of Course III in this subject;  
 Course I in a language other than English.
- (h) For the Honours degree in Philosophy:  
 Philosophy I, II, IIIA and IIIB;  
 Courses I and II in another subject for the Ordinary degree;  
 Two additional courses.  
 Course I in a language other than English must be presented as one of the elective courses.
- (i) For the Honours degree in Mathematics:  
 Mathematics I, Pure Mathematics II, Applied Mathematics II;  
 Honours Mathematics III;  
 Course I in a language other than English;  
 Two other courses approved by the Head of the Department of Mathematics;  
 Provided that a candidate may not count Pure Mathematics III or Applied Mathematics III or Honours Mathematics III towards both the Ordinary degree of Bachelor of Science and the Honours degree of Bachelor of Arts.

- (j) For the Honours degree in German:
  - German IA *or* I, II and III;
  - German IIB and IIIB;
  - Courses I and II in another subject for the Ordinary degree;
  - One additional course.
- (k) For the Honours degree in Politics:
  - Politics I, II (A *or* B), Politics IIIA and IIIB;
  - History IIA;
  - Social Economics *or* Economics I;
  - Two other courses;
  - An examination in a language other than English approved by the Faculty.
- (l) For the Honours degree in Psychology:
  - Psychology I, IIA and IIIA;
  - Psychology IIB and IIIB;
  - Courses I and II in another subject for the Ordinary degree;
  - One additional course.
  - An examination in a language other than English approved by the Faculty unless Course I in a language other than English is offered as one of the elective courses.

3. In addition to the courses specified in paragraph 2 of this schedule every candidate shall undertake during the second, third and fourth years of his course such Honours work as the Head of the Department shall require.

4. Except by permission of the Faculty a candidate shall take the whole of the final examination for the Honours degree at the one annual examination.

5. A candidate who before March 31, 1960, enrolled as a matriculated student may offer Education (101) as an elective course, provided that he pass in that subject before March 31, 1963.

#### SCHEDULE II: THE ORDINARY DEGREE

1. The ten courses presented by a candidate for the Ordinary degree shall include:

- (a) at least one course in a language other than English, provided that a candidate whose mother tongue is not English and who has passed an examination in his mother tongue approved by the Faculty may satisfy this requirement by including a course in English;
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) not more than four courses which have been presented for any other degree;
- (d) not more than five of the following: Greek I, Latin I, Ancient History, French I, German IA *or* I, English I, History IA *or* IB *or* IC, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I *or* IA, General Mathematics *or* Mathematics I, General Physics *or* Physics I, Chemistry I, Botany I, Zoology I, Biology, Geology I, Music I;

(e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German IA or I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A or B or C)	→ History II (A or B)	→ History III (A or B) → Politics IIIB
7. Politics I	→ Politics II (A or B)	→ Politics III (A or B)
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy II	→ Philosophy III (A or B)
11. Psychology I	→ Psychology IIA or IIB	→ Psychology IIIA or IIIB
12. Mathematics I	→ Pure Mathematics II → Mathematical Statistics I	→ Pure Mathematics III ← Mathematical Statistics II
13. Music I	→ Music II	→ Music III

The following are permissible sequences of three courses each, for candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Psychology I	→ Psychology IIB	→ Sociology
2. Social Economics or Economics I	→ History IIB	→ History III (A or B)

2. No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

Ancient History and Greek II;  
 Ancient History and *either* Latin II or Latin III;  
 German I and German IA;  
 Economics I and Social Economics;  
 Geography I and Economic Geography;  
 Psychology I and Psychology IA;  
 General Mathematics and Mathematics I;  
 Mathematics II and *either* Pure Mathematics II or Applied Mathematics II.

General Physics and Physics I.

3. A candidate may present only one of Chemistry II, Physical and Inorganic Chemistry II and Organic Chemistry II.

4. A candidate who before March 31, 1960, enrolled as a matriculated student may count Education (101), provided that he pass in that subject before March 31, 1963.

### SCHEDULE III: COMBINED COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

1. A candidate may take a combined course for the degrees of Bachelor of Arts and Bachelor of Laws. Provided that he has qualified for the degree of Bachelor of Laws but is not awarded that degree until he has completed also the requirements of the degree of Bachelor of Arts, he may qualify for the degree of Bachelor of Arts by passing in at least seven subjects (inclusive of the two that he presents for the degree of Bachelor of Laws) from those listed in Regulation 2.

2. The seven Arts subjects shall include—

- (a) at least one course in a language other than English;
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) two of the approved sequences of three courses set out in Schedule II, *provided* that History I (A or B or C) and History III (A or B), or Politics I and Politics III (A or B), may for this purpose count in lieu of either sequence 6 or 7 respectively, but not both.

3. A candidate who has been awarded the degree of Bachelor of Laws may qualify for the degree of Bachelor of Arts by complying with Schedule II, *provided* that he shall be required to present eight courses only (inclusive of the two that he has presented for the degree of Bachelor of Laws), and provided also that History I (A or B or C) and History III (A or B), or Politics I and Politics III (A or B), may count in lieu of either sequence 6 or 7 respectively, but not both.

### 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 - - - -  | £24 0 0 |
| (2) For a special examination in any course -   | 8 0 0   |
| (3) For an annual examination with exemption from attendance or re-attendance at lectures - - - -   | 12 0 0  |
| (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 - - - -   | 24 0 0 |
| (3) For Honours Mathematics III - - - -  | 48 0 0 |

- (4) For instruction and final examination in the following schools:

Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each - - - - -

96 0 0

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 statements on page 679.

### 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) Education (101),
  - (ii) four other courses set out in Regulation 2 of the degree of Bachelor of Arts.
  - (iii) 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.

\* Allowed 15th January, 1959.

† Allowed 16th December, 1948.

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 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.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

Allowed 10th July, 1947.

† Allowed 28th July, 1959.

\*\* Allowed 15th January, 1959.

#### SCHEDULE I: PROFESSIONAL SUBJECTS

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:

Educational Psychology IA (102);

Practical Teaching and Methodology A (103).

### OF THE DIPLOMA IN EDUCATION REGULATIONS

[NOTE: These regulations were repealed on January 1, 1962; but a candidate who matriculated in the University on or before March 31, 1960, may at his option complete the course for the diploma under these regulations provided that he satisfies the requirements of Regulation 3 by February 28, 1966.]

1. There shall be a diploma in Pre-Primary Education, a diploma in Primary Education, and a diploma in Secondary Education. A candidate may take any one or more than one of the diplomas.

†2. (a) A candidate for the diploma in Pre-Primary Education or for the diploma in Primary Education shall either (i) have obtained a degree of the University in Arts, Science, Economics, or Agricultural Science, or (ii) have passed the prescribed examinations in ten courses in the Faculty of Arts, of which English I shall be one.

(b) A candidate for the diploma in Secondary Education shall be a graduate of the University in Arts, Science, Economics, or Agricultural Science.

†(c) A candidate who has obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, to proceed to the diploma in Pre-Primary, Primary or Secondary Education.

† Allowed 14th December, 1950.

† Amended 17th December, 1959.

\*3. To obtain the diploma a candidate shall have attended lectures and passed examinations in the following subjects:

- (a) Psychology IA (82) or I (81);
- (b) Education (101);
- (c) Hygiene (105);
- (d) Educational Psychology (116 and 117);
- (e) The Principles of Pre-Primary Education (106, 107, 108); or  
The Principles of Primary Education (109, 110, 111); or  
The Principles of Secondary Education (112, 113, 114);

and shall have taken a course of practical work in teaching (119) in such schools and under such supervision as have been approved by the Council.

4. A candidate may be excused attendance at lectures or practical work, but only on grounds approved by the Council.

5. 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 Education, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

6. Schedules defining the approved courses of study and professional work shall be drawn up from time to time by the Faculty of Arts and approved by the Council.

§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; amended 9th January, 1958.

§ Allowed 18th October, 1956.

Allowed 8th December, 1938.

#### Schedule of Fees prescribed by the Council under Regulation 7

A. For attendance (or re-attendance) at lectures and annual examination:	
(1) In Hygiene - - - - -	£12 0 0
(2) In Educational Psychology I and II—each part - - - - -	12 0 0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - -	12 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures -	6 0 0
C. For a special examination - - - - -	4 0 0
D. For the course in Practical Teaching - - - - -	12 0 0
E. For the Diploma - - - - -	5 5 0

## 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 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 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.

Allowed 16th March, 1961.

° Amendment awaiting allowance at time of printing.

### Schedules made by the Council under Regulation 5

#### 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 (121);
- History of Education I (122);
- Sociology of Education I (123);
- Educational Psychology I [New] (124).

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 (125).

Note: A candidate for the Diploma in Education who has been awarded the Associateship in Arts and Education under the Regulations and Schedules in force in 1960 will be exempted from History of Education I (122) and Practical Teaching and Methodology B (125) in the course for the Diploma in Education.

The same measure of exemption will be granted to students who enrolled for the Associateship under the schedules in force in 1959.

#### SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - - -	£16	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	8	0	0
C. For a special examination - - - - -	6	0	0
D. For the course in Practical Teaching and Methodology B - - - - -	16	0	0
E. For the Diploma - - - - -	5	5	0

### OF THE DEGREE OF MASTER OF ARTS REGULATIONS

†1. A Bachelor of Arts may proceed to the degree of Master of Arts by complying with the following 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:

† Amended 16th March, 1961.

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.

\*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 this he must—

- (a) have obtained the Honours Degree of Bachelor of Arts in the school to which his subject of study relates; or
- (b) have passed in all the ordinary courses that are compulsory for the Honours Degree of Bachelor of Arts, and in addition an examination of honours standard, in the school or schools to which his subject of study relates; or
- (c) submit other evidence that will satisfy 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 shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

† For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Politics, Philosophy and History, Politics and History, Politics and Classics, History and Classics, Politics and Economics, History and Economics, History and English Language and Literature, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, Latin and French, English Language and Literature and French, French and History, French and Philosophy.

The Faculty will consider applications for permission to take combined courses other than those set out above.

††4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

†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.\*

\* Allowed 14th December, 1944.

† Allowed 11th November, 1954.

§ Amended 14th December, 1950.

†† Allowed 17th December, 1931.

† Allowed 16th March, 1961.

\* These directions are published on page 690.

\*\*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.

7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

Allowed 10th December, 1930.

\*\* Allowed 18th October, 1956.

#### Schedule of Fees prescribed by the Council under Regulation 6

##### 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. - - - - -	£48 0 0
(2) For guidance without instruction - - - - -	24 0 0

##### B. Under Regulation 3:

On approval of the subject of the thesis or on beginning the course of study - - - - -

16 0 0

C. On submission or re-submission of the thesis - - - - -

16 0 0

D. On admission to the degree - - - - -

10 10 0

#### 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 present a satisfactory thesis on a 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 the subject of his thesis for approval by the Faculty of Arts. The Faculty shall appoint a supervisor to guide the candidate in his work.

7. A candidate shall present his thesis within four calendar years, but not earlier than one calendar year, from the date of the approval of his subject by the Faculty.

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) The Faculty of Arts shall appoint examiners of the thesis, of whom at least one shall be an external examiner.

(b) At the discretion of the examiners a candidate may be examined orally on his thesis and may also be required to pass a written examination connected with the subject of his thesis.

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.

Allowed 16th March, 1961.

\* These directions are published on page 690.

#### Schedules made by the Council under Regulation 4

##### 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 (131);  
Sociology of Education II (133);  
Educational Psychology II [New] (134);  
History of Education II (132); or Comparative Education (135).

##### SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject	-	-	-	-	£24	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures	-	-	-	-	12	0	0
C. For a special examination	-	-	-	-	8	0	0
D. On submission or re-submission of the thesis	-	-	-	-	16	0	0
E. On admission to the degree	-	-	-	-	10	10	0

**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**

A. On approval of the subject of the work	-	-	-	£31 10 0
B. On admission to the degree	-	-	-	10 10 0

**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 examina-

tions in accordance with the provisions of Schedule I; a candidate for the Honours degree shall attend lectures and pass examinations in accordance with the provisions of Schedule II.

\*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.

\*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.

\* Allowed 22nd December, 1955.

\* Allowed 20th December, 1956.

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 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 Schedules made under Regulation 16 below, and (ii) includes two third-year subjects not presented for any other 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.

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.

† Amended 4th October, 1962; further amendment awaiting allowance at time of printing.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS  
2 AND 16

SCHEDULE I—THE ORDINARY DEGREE

1. The subjects for the Ordinary degree shall be:

Economics I, II, III;  
Mathematics (Economics);  
Economic Statistics I, II;  
Economic Development I, II;  
Economic Theory;  
Economic Geography;  
Elements of Accounting, Management Accounting, Financial Accounting;  
Commercial Law A, B;  
Arts subjects as listed for the Ordinary degree of Bachelor of Arts except for the Science subjects.

2. Except as provided for in Clause 3, a candidate for the Ordinary degree shall pass in eleven subjects. There shall be alternative schemes of study as follows:

*Scheme A (Commerce):*

Economics I, II, III;  
Economic Statistics I;  
Economic Development I;  
Economic Geography *or* Mathematics (Economics);  
Elements of Accounting, Management Accounting;  
Financial Accounting (*or* in special cases,\* by approval of the Dean, another subject);  
Commercial Law A;  
Commercial Law B (*or* in special cases,\* by approval of the Dean, another subject).

*Scheme B (General Economics):*

Economics I, II, III;  
Economic Geography *or* Mathematics (Economics);  
Elements of Accounting;  
Economic Statistics I;  
Economic Development I;  
Economic Development II *or* Economic Statistics II (*or* in special cases,\* by approval of the Dean, another subject);

Three subjects, approved by the Dean, provided that not more than two shall be first year subjects.

Provided that:

- (i) no candidate may present Economic Development I and History IB, or Economic Geography and Geography I; and
- (ii) by approval of the Dean, Geography I may be presented *in lieu* of Economic Geography when the student intends to proceed to Geography II; and
- (iii) a student who has already passed in General Mathematics or Mathematics I may be granted status in Mathematics (Economics).

\* It is the intention of the Faculty that these special cases will be limited to candidates who, having embarked on one scheme, wish at the end of their first year to transfer to the other scheme.

A student who has passed Leaving Honours Mathematics I and II and who intends to proceed to further courses in Mathematics is advised to take Mathematics I rather than General Mathematics or Mathematics (Economics).

3. A graduate in another Faculty may be exempted by the Dean as follows:

*Under Scheme A:* from three of the subjects of Economic Geography, Commercial, Law A, Commercial Law B, Financial Accounting, and Management Accounting;\*

*Under Scheme B:* from the "three subjects".

4. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

5. Candidates who have completed subjects for the degree prior to 1959 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.

6. 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 HONOURS DEGREE

1. A candidate for the Honours degree shall:

(a) pass in ten subjects prescribed for the Ordinary degree as follows:

Economics I, II, III;  
Economic Statistics I;  
Economic Development I;  
Economic Geography or Mathematics (Economics);  
Elements of Accounting;  
Three subjects approved by the Dean.

Provided that:

- (i) no candidate may present Economic Development I and History IB, or Economic Geography and Geography I; and
- (ii) by approval of the Dean, Geography I may be presented *in lieu* of Economic Geography when the student intends to proceed to Geography II;
- (iii) a student who has already passed in General Mathematics or Mathematics I may be granted status in Mathematics (Economics).

A student who has passed in Leaving Honours Mathematics I and II and who intends to proceed to further courses in Mathematics is advised to take Mathematics I rather than General Mathematics or Mathematics (Economics).

\* It is intended that exemption from Management Accounting will be granted only to candidates who have been granted status in Elements of Accounting on the basis of a pass in Management Accounting (Engineering). Such candidates will be required to pass in Financial Accounting.

- (b) undertake in the first three years such preliminary Honours work and pass in such examinations on that work as the Professor of Economics may prescribe\*\*; and
- (c) devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Professor of Economics may prescribe.
2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.
3. Candidates who have completed subjects for the degree prior to 1959 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.
4. 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.

\*\* Except in special cases, preliminary Honours work will not be undertaken before the third year.

#### SCHEDULE III—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 - - - - -	£24	0	0
(3)	For a special examination in any subject -	8	0	0
(4)	For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	12	0	0
B. For the Honours work and final Honours examination in Economics - - - - -		96	0	0

#### OF THE DEGREE OF MASTER OF ECONOMICS REGULATIONS

1. A Bachelor of Economics may proceed to the degree of Master of Economics by complying with the following 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 academic year from the date of his admission to the Honours degree of Bachelor of Economics.
2. A candidate for the degree of Master of Economics must—
- (a) have obtained the Honours degree of Bachelor of Economics; or
- (b) have passed an examination of standard equivalent to that required for the Honours degree of Bachelor of Economics; or

(c) present evidence which satisfies the Faculty of Economics that he may be exempted from the whole or part of the foregoing examination.

3. 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 Economics if it approve the subject of his research may appoint a supervisor to guide the candidate in his work.

4. The Faculty shall appoint a Board of Examiners to report upon the thesis.

5. A candidate who has obtained the degree of Bachelor of Economics or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that he complies with Regulation 2, to proceed to the degree of Master of Economics.

†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.\*

7. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Economics be admitted to the degree of Master of Economics.

†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.

\* These directions are published on page 690.

† Allowed 18th October, 1956.

Allowed 22nd January, 1953.

#### Schedule of Fees prescribed by the Council under Regulation 8

##### A. Under Regulation 2 (b and c):

(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics

£48 0 0

(2) For guidance without instruction

24 0 0

B. On approval of the subject of the thesis

16 0 0

C. On submission or re-submission of the thesis

16 0 0

D. On admission to the degree

10 10 0

### 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 completed such preliminary courses of study as may be prescribed in the schedules;
- (c) have had at least two years' experience in business, public service or other field of employment approved by the Faculty of Economics;
- (d) give notice of his intended candidature at least six calendar months before the beginning of the term in which the candidate wishes to enrol;
- (e) 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 extending over one year of full-time study or two years of part-time study; and
- (b) subsequently, as prescribed in the schedules, present a satisfactory thesis 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 thesis prepared in accordance with directions given to candidates from time to time.\*

9. Schedules defining the preliminary courses of study, the courses of study for the degree, the examinations to be passed and the fees to be paid by candidates 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.†

Allowed 16th March, 1961.

\* These directions are published on page 690.

† The Council has determined that these Regulations shall come into force on January 1, 1962.

## Schedules made by the Council under Regulations 2, 4 and 9

## SCHEDULE I: PRELIMINARY COURSES OF STUDY

A candidate shall not be admitted to the course of study for the degree unless he has completed the following preliminary requirements:

1. A candidate who does not hold the degree of Bachelor of Economics (including a pass in the subject Management Accounting) must have completed and passed examinations in the following subjects or their equivalents at Division I or higher standard (where appropriate):

Economics (Engineering);  
Management Accounting (Engineering);  
Economic Statistics I.

2. A candidate who does not hold the degree of Bachelor of Engineering must have completed and passed the examination in the following subject or its equivalent:

Mathematics I.

## SCHEDULE II: COURSES OF STUDY

1. A candidate for the degree of Master of Business Management shall satisfactorily complete the following courses of study:

Social and Political Institutions and Thought;  
Economic Institutions and Policy;  
Economic and Accounting Analysis;  
Business Statistics;  
Human Relations;  
Decision-making.

2. A candidate for the degree by part-time study shall plan his studies so that all the courses are completed in two years, each year's programme being subject to approval by the Faculty.

3. Each candidate will be required to do during University vacations such work as may be prescribed.

4. The thesis shall be submitted within two calendar years but not earlier than twelve months from the date of passing the examinations under Clause 2 of this schedule or from the date of approval of the subject of the thesis, whichever is the later.

## SCHEDULE III: FEES

A. Annual fee for seminar courses:

Full-time candidates	-	-	-	-	-	-	£96	0	0
Part-time candidates	-	-	-	-	-	-	48	0	0

B. On approval of the subject of the thesis	-	-	-	-	-	-	16	0	0
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C. On presentation or re-presentation of the thesis	-	-	-	-	-	-	16	0	0
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D. On admission to the degree	-	-	-	-	-	-	10	10	0
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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 shall be deemed to have failed to pass the examination.

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 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.

† Amended 4th October, 1962.

Allowed 17th December, 1959.

## SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 3

### I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

- Group A:* General Mathematics (201), Mathematics I (202), General Physics (221), Physics I (222), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (270).
- Group B:* Mathematics II (203), Pure Mathematics II (204), Applied Mathematics II (205), Mathematical Statistics I (214), Physics II (223), Chemistry II (244), Physical and Inorganic Chemistry II (233), Organic Chemistry II (243), Geology II (253), Botany II (263), Zoology II (273), Cell Physiology (283), Physiology I (333), Genetics I (293), Psychology I (S) (313).
- Group C:* Pure Mathematics III (206), Applied Mathematics III (207), Mathematical Statistics II (216), Physics IIIA (226), Physics III (228), Mathematical Physics A (217), Mathematical Physics B (218), Physical and Inorganic Chemistry III (237), Organic Chemistry III (246), Geology III (256), Botany III (266), Genetics II (296), Zoology III (276), Microbiology (306), Biochemistry (286), Physiology II (336), Histology (326), Psychology II (S) (316) (from 1964).
- Group D:* Honours Mathematics III (208), Soil Science IA (355), Agricultural Economics (180), Palaeontology (257), Agriculture I (361), Botany IIA (264), Geography IIC (94).

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;
- (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. The choice of subjects to be presented for the degree must comply with the following conditions:

- (a) Chemistry I and *either* General Physics *or* Physics I must be presented as two of the subjects from Group A.
- (b) The following combinations of subjects shall not be presented:

Biology and either Botany I or Zoology I;  
 General Physics and Physics I;  
 General Mathematics and Mathematics I;  
 Mathematics II and either Pure Mathematics II or Applied Mathematics II;  
 Chemistry II and any one of Physical and Inorganic Chemistry II, Organic Chemistry II, Cell Physiology;  
 Physics III and Physics IIIA;  
 Mathematical Physics A and Mathematical Physics B;  
 Mathematical Physics A and Applied Mathematics III;  
 Mathematical Physics B and Physics III or IIIA.

- (c) A candidate who presents both Botany III and Zoology III may not present Genetics I also except by special approval of the Faculty and subject to such conditions as the Faculty may prescribe.

4. 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: Soil Science IA, Geography IIC in the Faculty of Arts together with one subject from Group B.
- (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 IA, Agriculture I, 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.

5. A candidate for the Ordinary degree of Bachelor of Science in Forestry shall:

- (a) Complete the following subjects:
- Physics I or General Physics,
  - Chemistry I
  - Botany I
  - Mathematics I or General Mathematics,
  - Geology I
  - Botany IIA
  - Agricultural Economics,
  - Either Soil Science IA or a subject from Group B approved in each case by the Faculty.
- (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 at the Australian Forestry School, Canberra, under a syllabus approved by the Council.

- (d) Present evidence satisfactory to the Council (i) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (ii) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purposes of this Clause, the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

6. Applications for approval under Sections (c) and (d) of Clause 4 and Section (d) of Clause 5 above shall be submitted in writing to the Registrar.

## 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:

Mathematics  
 Physics  
 Mathematical Physics  
 Physical and Inorganic Chemistry  
 Organic Chemistry  
 Geology  
 Botany  
 Zoology  
 Biochemistry  
 Physiology  
 Pharmacology  
 Genetics  
 Microbiology  
 Psychology (from 1965).

2. A candidate for the Honours degree in any subject shall not begin final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Science and has completed all the courses in that subject prescribed for the Ordinary degree and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

## III. FEES

A. For the Ordinary Degree:	Lectures	Practical Work
1. General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Mathematical Statistics I, Mathematical Statistics II and Mathematical Physics A, each - -	£24 0 0	
2. Honours Mathematics III - - -	48 0 0	
3. General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology, each - - - - -	24 0 0	£6 0 0

4. Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Cell Physiology, Botany II, Geology II, Zoology II, Physiology I, Genetics I and Psychology I (S), each - - -	24	0	0	12	0	0
5. Physics III, Physics IIIA, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry, Geology III, Botany III, Zoology III, Microbiology, Physiology II, Genetics II, Histology, and Psychology II (S) (from 1964), each - - -	24	0	0	30	0	0
6. Special Subjects:						
Agricultural Economics - - - -	£24	0	0			
Soil Science IA - - - - -	24	0	0	£12	0	0
Palaeontology - - - - -	24	0	0	12	0	0
Botany IIA - - - - -	24	0	0	24	0	0
A composite subject in lieu of a subject from Group C (inclusive fee) - - -	54	0	0			
Science German (for candidates other than Honours students) - - - -	6	0	0			
B. For the Honours Degree:						
For the final-year Honours work and the final examination in any subject - -	96	0	0			
Note: The foregoing amounts, which do not include the fees for pass work, are 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) - - -	8	0	0			

## 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 679.

2. The fees for the work at the Australian Forestry School are not included in this schedule.

## 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.

† Amendment awaiting allowance at time of printing.

\*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) 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. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

\*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, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, 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.

†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

\* Allowed 14th December, 1944; amended 15th January, 1959.

† Allowed 14th December, 1944.

† Amended 8th December, 1949.

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.

\* \* These directions are published on page 690.

Allowed 7th December, 1939.

§ Allowed 18th October, 1956.

†† Allowed 16th March, 1961.

#### Schedule of Fees prescribed by the Council under Regulation 10

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On submission of re-submission of the thesis	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

### OF THE DEGREE OF DOCTOR OF SCIENCE REGULATIONS

\*1. A Master of Science or a Master of Engineering may proceed to the degree of Doctor of Science by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fifth academic year from the date of his graduation as Bachelor: provided that the Council, on the recommendation of the Faculty, may accept as candidates for the degree other graduates of at least five years' standing, who, in the opinion of the Faculty, have had an adequate scientific training.

†2. To qualify for the degree a 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.

The degree shall be awarded primarily on a consideration of such of his published works as the candidate may submit for examination, but the examiners may also take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Science, 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 works and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the

\* Allowed 10th January, 1946.

† Allowed 10th December, 1936, and amended 10th January, 1946.

extent to which he has availed himself of the work of others. He may also signify in general terms the portions of his work which he claims as original.

\*\*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 Science be admitted to the degree of Doctor of Science.

‡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 3rd January, 1929.

#### Schedule of Fees prescribed by the Council under Regulation 5

On approval of the subject of the work	-	-	-	£31	10	0
On admission to the degree	-	-	-	10	10	0

### 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 or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

‡A candidate who holds the diploma of Roseworthy Agricultural College may, subject to the approval of the Faculty and under such conditions as the Faculty may prescribe, be permitted to complete the course of study for the degree in three years.

3. To obtain 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. 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 be submitted to and approved by the Council.

‡Amended 15th January, 1959.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. 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.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†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

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

\*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 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.

Supplementary examinations shall be held at such times as may be approved by the Council.

A candidate who fails to pass an annual examination shall again attend lectures and do practical work in the subjects of that year's work to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Agricultural Science.

8. A candidate who has twice failed to pass the examination proper to any year shall not present himself again for instruction or examination in the work of that year except by permission of the Council.

9. A candidate who has done work or passed examinations *in pari materia* in another Faculty or otherwise in this University, or who desires that his work at another University or Technical School be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

\*Allowed 23rd January, 1947, amended 11th December, 1947, and 20th December, 1956.

† Amended 16th December, 1948.

Allowed 23rd January, 1947.

### SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

(Note.—The following Schedules, made by the Council in July, 1955, have been effective as from January 1, 1956, and apply to those students in the course for the degree of Bachelor of Agricultural Science who were first year students in 1955 or a subsequent year. Candidates who entered the second year of the course in 1955 or earlier will proceed under the old schedules, as published in the Calendar for the year 1955.)

1. During the first year every candidate shall, unless exempted therefrom, attend courses of instruction, and shall satisfy the examiners in each of the following subjects:

General Physics (221);  
Chemistry I (231);  
Botany I (261);  
Zoology I (271).

2. During the second, third and fourth years a candidate who under Regulation 2 is required to spend four academic years in courses of study prescribed for the degree shall attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) Second Year:

Agriculture I (361);  
Botany IIB (367);  
Chemistry II (244);  
Geology I (251);  
Genetics IA (393);

(b) Third Year:

Agriculture II (362);  
Agricultural Botany (360);  
Biometry (390);  
Soil Science I (354);  
Agricultural Biochemistry I (351);  
Entomology I (374);  
Plant Pathology I (381);  
Agricultural Microbiology (380).

On one day each week candidates will attend courses of instruction at Roseworthy Agricultural College, where the following subjects will be taken:

Animal Husbandry I (365);  
Farm Engineering (391).

(c) Fourth Year:

Agriculture III (363);  
Agricultural Economics (180);

and in addition any two of the following subjects as may be nominated by the candidate and approved by the Dean of the Faculty:

Agronomy (364);  
Animal Husbandry II (366);  
Genetics II (296);  
Plant Breeding (368);

Soil Science II (356);  
 Agricultural Biochemistry II (353);  
 Horticulture (394);  
 Plant Pathology II (382);  
 Entomology II (376).

3. 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 at an annual examination may be required to present himself for a supplementary examination in such subject or subjects as the Board may determine, and if he satisfies the examiners in such supplementary examination he shall be deemed to have passed the whole annual examination.

#### 4. Practical Experience.

(a) Candidates will be required to obtain thirty-six weeks' practical agricultural experience.

(b) Not more than a total of twelve weeks may be spent at Roseworthy Agricultural college or other government or University centre devoted to agricultural education or research.

(c) The balance of the 36 weeks must be spent in practical experience on private farms or on scheduled field work in agricultural areas; in general students will be expected to gain experience in a diversity of agricultural environments, and candidates should discuss their plans for practical experience with the Dean of the Faculty.

(d) Candidates who hold the diploma of Roseworthy Agricultural College may at the discretion of the Dean be exempt from part or all of the requirements of this clause; and candidates who have had practical experience prior to the commencement of the course may apply for partial exemption from the requirements of this clause.

(e) In the case of students undertaking National Service Training during the course, the requirement for practical experience may be reduced by up to six weeks.

#### 5. Fees.

##### A. For the Ordinary Degree:

(1) For each year's work, including one annual examination	-	-	-	-	-	-	£108	0	0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject	-	-	-	-	-	-	8	0	0

##### 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	-	-	-	-	-	-	96	0	0
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Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee. See separate statement on page 679.

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.

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.

\* Amended 16th March, 1961, and 4th October, 1962.

§ Amended 4th October, 1962.

†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 690.

#### Schedule of Fees prescribed by the Council under Regulation 10

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

#### 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) Mining Engineering;
- (b) Chemical Engineering;
- (c) Electrical Engineering;
- (d) Mechanical Engineering;
- (e) Civil Engineering;

† Allowed 9th January, 1958.

† Amended 8th December, 1949 and 15th January, 1959; further amendment awaiting allowance at time of printing.

(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.

‡ (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.

\*Amended 8th December, 1949.

\*\*Allowed 20th December, 1956.

‡ Allowed 22nd December, 1955.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

#### THE HONOURS DEGREE.

\*† 13. The Honours degree shall be available in each of the following courses:

- (i) Mining Engineering;
- (ii) Chemical Engineering;
- (iii) Electrical Engineering;
- (iv) Mechanical Engineering;
- (v) Civil Engineering.

\*14. (a) The Honours degree shall be taken in the final year of either the four or five year course. Candidates wishing to take the Honours degree must apply to the Faculty of Engineering for permission to do so on or before March 1st of the year in which they intend to take the course.

\* Allowed 11th November, 1954;

† Amendment awaiting allowance at time of printing.

(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) Candidates for the Honours degree shall in the final year of their course complete the full course set out for the Ordinary degree and shall in addition take further lectures at an advanced level. Candidates shall also satisfactorily complete a laboratory project which will normally extend to the March of the year following that in which they undertake Honours work.

(d) In order to obtain Honours candidates must pass examinations on the work of the specialised honours lectures. They must also pass in the final year subjects of the Ordinary degree at a higher standard than is required from candidates for the Ordinary degree.

†(e) 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.

††(f) 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 December, 1947.

† Amended 4th October, 1962.

†† Allowed 9th January, 1958.

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## 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 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, 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 five years of full-time study. Details of these courses are set out in Clauses 5, 6, 7, 8 and 9. However, in the case of a candidate who is exempted from General Mathematics (201), General Physics (221) and Chemistry IA (232) (see Clause 2) only four years of full-time study will be necessary, beginning with the Second Year of the courses as set out in Clauses 5 to 9.

#### 2. EXEMPTION FROM FIRST YEAR SUBJECTS.

(a) A candidate who has passed at the Leaving Honours examination of the University of Adelaide in all of the subjects Mathematics, Parts I and II, Physics and Chemistry, will be granted exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232), and may enter the Second Year of a course as set out in Clauses 5 to 9.

A similar exemption may be granted by the Faculty to a candidate who has passed in appropriate examinations at other approved Universities or Institutions.

(b) A candidate who is not exempted from all of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232) will be required to take all of the subjects of the First Year of a course as set out in Clauses 5 to 9, provided that, in exceptional circumstances, a candidate who has passed in appropriate examinations may be granted exemption by the Faculty in one or two of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232).

#### 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, a Fourth Year subject before completing the Second Year, or a Fifth Year subject before completing the Third 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.

#### 5. CIVIL ENGINEERING COURSE.

NOTES—1. The subjects to be taken in the First and Second Years of the Civil, Electrical, Mechanical and Mining Engineering Courses are the same.

2. 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 2<sup>2</sup>, means two hours a week for two terms.

		FIRST YEAR			Fee		
Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.	
201	General Mathematics	Lectures	3	24	0	0	
		Tutorial	2				
221	General Physics	Lectures	3	24	0	0	
		Practical	3	6	0	0	
232	Chemistry IA	Lectures	2	16	0	0	
		Practical	3	6	0	0	
420	General Engineering	Lectures	1				
966	*Workshop Practice	Lectures	1	12	15	0	
		Practical	3				
		SECOND YEAR					
406	Mechanics	Lectures	2	24	0	0	
		Tutorial	1				
213	Mathematics I (Engineering)	Lectures	3	24	0	0	
		Tutorial	2				
411	Physics A (Engineering)	Lectures	3	24	0	0	
		Practical	3	6	0	0	
471	Graphics	Lectures	1	8	0	0	
		Practical	3	6	0	0	
986	*Engineering Materials	Lectures	2	12	15	0	
		Practical	2				
and, in addition, if not taken in the First Year,							
420	General Engineering	Lectures	1				
966	*Workshop Practice	Lectures	1	12	15	0	
		Practical	3				
		THIRD YEAR					
407	Mathematics II (Engineering)	Lectures	3	24	0	0	
		Tutorial	1				
414	Geology I (Engineering)	Lectures	2	24	0	0	
		Practical	2	6	0	0	
		Tutorial	1				
432	Strength of Materials	Lectures	2	16	0	0	
		Practical	3	6	0	0	
440	Electrical Engineering S	Lectures	2	16	0	0	
		Practical	3	6	0	0	
472	Engineering Drawing and Design	Lectures	1	8	0	0	
		Practical	3	6	0	0	
433	Surveying A	Lectures	1	8	0	0	
		Practical	3	6	0	0	
435	Survey Camp (First)			6	0	0	

\* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

FOURTH YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
421	Civil Engineering I	Lectures 3	24 0 0
		Practical 6	9 0 0
426	Hydraulics A	Lectures 2	16 0 0
		Practical 3	6 0 0
430	Instrumentation	Lectures 1	8 0 0
		Practical 3	6 0 0
460	Mechanical Engineering S—		
	Part 1: Machine Design	Lectures 2 <sup>2</sup>	12 0 0
		Practical 3 <sup>2</sup>	4 0 0
	Part 2: Theory of Machines	Lectures 1 <sup>2</sup>	6 0 0
		Practical 3 <sup>1</sup>	2 0 0
	<i>Either</i>		
408	Mathematics III (Engineering)	Lectures 2	24 0 0
		Tutorial 1	
	<i>Or</i>		
404	Economics (Engineering)	Lectures 2	24 0 0
		Tutorial 1	
FIFTH YEAR			
423	Civil Engineering IIA	Lectures 3, 1 <sup>2</sup>	30 0 0
		Practical 6	9 0 0
424	Civil Engineering IIB	Lectures 2	16 0 0
		Practical 8	12 0 0
425	Civil Engineering IIC	150 hrs. total	16 0 0
436	Survey Camp (Second)		12 0 0

6. ELECTRICAL ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

407	Mathematics II (Engineering)	Lectures 3	24 0 0
		Tutorial 1	
432	Strength of Materials	Lectures 2	16 0 0
		Practical 3	6 0 0
441	Electrical Engineering I	Lectures 4	32 0 0
		Practical 6	9 0 0
		Tutorial 2	
472	Engineering Drawing and Design	Lectures 1	8 0 0
		Practical 3	6 0 0
433	Surveying A	Lectures 1	8 0 0
		Practical 3	6 0 0
435	Survey Camp (First)		6 0 0

FOURTH YEAR

428	Hydraulics S	Lectures 1	8 0 0
		Practical 3 <sup>1</sup>	2 0 0
460	Mechanical Engineering S—		
	Part 2: Theory of Machines	Lectures 1 <sup>2</sup>	6 0 0
		Practical 3 <sup>1</sup>	2 0 0
	Part 3: Thermodynamics	Lectures 1 <sup>2</sup>	6 0 0
		Practical 3 <sup>1</sup>	2 0 0
442	Electrical Engineering II	Lectures 4	32 0 0
		Practical 7	12 0 0
		Tutorial 1	
404	Economics (Engineering)	Lectures 2	24 0 0
		Tutorial 1	
	<i>Either</i>		
408	Mathematics III (Engineering)	Lectures 2	24 0 0
		Tutorial 1	
	<i>Or</i>		
422	Civil Engineering S	Lectures 2	16 0 0
		Practical 3	6 0 0

(Note: Students of outstanding academic ability (who have completed the Fourth Year) are advised to devote an additional year solely to topics selected from statistics, mathematics and physics to improve their qualifications to undertake research on engineering science. Students must first be accepted by the Faculty before entering for such a course.)

## FIFTH YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
443	Electrical Engineering IIIA	Lectures	4	32	0	0
		Practical	7	12	0	0
444	Electrical Engineering IIIB— <i>Either</i>					
	Electrical Power	Lectures	2	16	0	0
		Practical	4	8	0	0
	<i>Or</i>					
	Electronics and Communications	Lectures	2	16	0	0
		Practical	4	8	0	0
445	Electrical Engineering IIIC— Project and Report		150 hrs. total	16	0	0
477	Engineering Management	Lectures	3	24	0	0

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 (966) and Graphics (471) may complete the academic requirements for the degree of Bachelor of Engineering in Electrical Engineering by passing in the following subjects:

## FIFTH YEAR

447	Electrical Engineering A	Lectures	4	32	0	0
		Practical	6	9	0	0
432	Strength of Materials	Lectures	2	16	0	0
		Practical	3	6	0	0
472	Engineering Drawing and Design	Lectures	1	8	0	0
		Practical	3	6	0	0
477	Engineering Management	Lectures	3	24	0	0

## SIXTH YEAR

448	Electrical Engineering B— Part A Electrical Engineering Theory	} Lectures	6	48	0	0					
	Part B <i>Either</i> : Electrical Power or: Electronics and Communications						Tutorial	9	12	0	0
							Practical	9	12	0	0
461	Mechanical Engineering IA	Lectures	3 <sup>2</sup> , 2 <sup>1</sup>	24	0	0					
		Practical	6 <sup>1</sup> , 3 <sup>2</sup>	8	0	0					

NOTE.—Before entering upon Electrical Engineering A, students will be obliged to spend a fortnight in the laboratory carrying out selected practical experiments from Electrical Engineering I and undertake prescribed reading.

Electrical Engineering A—  
Parts of Electrical Engineering I and II } as prescribed by the  
Electrical Engineering B—  
Parts of Electrical Engineering II and III } Head of the  
Department.

## 7. MECHANICAL ENGINEERING COURSE.

## FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

## THIRD YEAR

407	Mathematics II (Engineering)	Lectures	3	24	0	0
		Tutorial	1			
432	Strength of Materials	Lectures	2	16	0	0
		Practical	3	6	0	0
440	Electrical Engineering S	Lectures	2	16	0	0
		Practical	3	6	0	0
472	Engineering Drawing and Design	Lectures	1	8	0	0
		Practical	3	6	0	0
475	Production Technology	Lectures	1	8	0	0
		Practical	3	6	0	0
433	Surveying A	Lectures	1	8	0	0
		Practical	3	6	0	0
435	Survey Camp (First)			6	0	0

## FOURTH YEAR

422	Civil Engineering S	Lectures	2	16	0	0
		Practical	3	6	0	0
461	Mechanical Engineering IA	Lectures	3 <sup>2</sup> , 2 <sup>1</sup>	24	0	0
		Practical	3 <sup>2</sup> , 6 <sup>1</sup>	8	0	0
462	Mechanical Engineering IB	Lectures	2	16	0	0
		Practical	3	6	0	0
446	Electronics	Lectures	1	8	0	0
		Practical	3 <sup>2</sup>	4	0	0
408	<i>Either</i> Mathematics III (Engineering)	Lectures	2	24	0	0
		Tutorial	1			
404	<i>Or</i> Economics (Engineering)	Lectures	2	24	0	0
		Tutorial	1			

		FIFTH YEAR			Hours	Fee		
Subject No. in Syllabus	Subject			a Week	£	s.	d.	
463	Mechanical Engineering IIA	Lectures	6 <sup>1</sup> , 4 <sup>1</sup>	30	0	0	0	
		Practical	6 <sup>2</sup>	8	0	0	0	
464	Mechanical Engineering IIB	Lectures	2 <sup>1</sup> , 3 <sup>2</sup>	24	0	0	0	
		Practical	9 <sup>1</sup> , 6 <sup>2</sup>	12	0	0	0	
465	Mechanical Engineering IIC: Project and Report		150 hrs. total	16	0	0	0	
477	Engineering Management	Lectures	3	24	0	0	0	

8. MINING ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects as are taken in the First and Second Years by a Civil Engineering candidate. The details of these subjects are shown in Clause 5.

		THIRD YEAR			Hours	Fee		
251	Geology I	Lectures	2	24	0	0	0	
		Practical	3	6	0	0	0	
		Tutorial	1					
432	Strength of Materials	Lectures	2	16	0	0	0	
		Practical	3	6	0	0	0	
433	Surveying A	Lectures	1	8	0	0	0	
		Practical	3	6	0	0	0	
435	Survey Camp (First)			6	0	0	0	
440	Electrical Engineering S	Lectures	2	16	0	0	0	
		Practical	3	6	0	0	0	
472	Engineering Drawing and Design	Lectures	1	8	0	0	0	
		Practical	3	6	0	0	0	
	Mining Trip (see Clause 11 (c))							

FOURTH YEAR

415	Geology IIA	Lectures	3 <sup>2</sup>	16	0	0	0
		Practical	6 <sup>2</sup>	8	0	0	0
416	Mining Geology	Lectures	2 <sup>1</sup>	6	0	0	0
		Practical	6 <sup>1</sup>	4	0	0	0
422	Civil Engineering S	Lectures	2	16	0	0	0
		Practical	3	6	0	0	0
427	Hydraulics B	Lectures	1	8	0	0	0
		Practical	3 <sup>1</sup>	2	0	0	0
460	Mechanical Engineering S— Part 1: Machine Design	Lectures	2 <sup>2</sup>	12	0	0	0
		Practical	3 <sup>2</sup>	4	0	0	0
	Part 2: Theory of Machines	Lectures	1 <sup>2</sup>	6	0	0	0
		Practical	3 <sup>1</sup>	2	0	0	0
450	Mining Engineering I	Lectures	2	16	0	0	0
		Practical	3	6	0	0	0
	Mining Trip (see Clause 11 (c))						

FIFTH YEAR

452	*Ore Dressing	Lectures	1	} 9 15 0			
		Practical	3 <sup>1</sup>				
451	Mining Engineering II	Lectures	3	24	0	0	0
		Practical	12	12	0	0	0
480	Extractive Metallurgy (Mining)	Lectures	1 <sup>2</sup>	6	0	0	0
985	*Assaying	Practical	3	12	0	0	0

9. CHEMICAL ENGINEERING COURSE.

FIRST YEAR

201	General Mathematics	Lectures	3	24	0	0	0
		Tutorial	2				
221	General Physics	Lectures	3	24	0	0	0
		Practical	3	6	0	0	0
232	Chemistry IA	Lectures	2	16	0	0	0
		Practical	3	6	0	0	0
471	Graphics	Lectures	1	8	0	0	0
		Practical	3	6	0	0	0
420	General Engineering	Lectures	1				

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	24	0	0	0
		Tutorial	2				
411	Physics A (Engineering)	Lectures	3	24	0	0	0
		Practical	3	6	0	0	0
234	Chemistry IIA	Lectures	3	24	0	0	0
		Practical	6	9	0	0	0
471	Graphics	Lectures	1	8	0	0	0
		Practical	3	6	0	0	0
420	General Engineering	Lectures	1				

\* Lectures and Practical Work in these subjects are at present given wholly or partly at the S.A. Institute of Technology.

		THIRD YEAR				
Subject No. in Syllabus	Subject	Hours a Week	Fee			
			£	s.	d.	
212	Mechanics	Lectures ..... 2 Practical ..... 1	24	0	0	
407	Mathematics II (Engineering)	Lectures ..... 3 Tutorial ..... 1	24	0	0	
412	Chemistry IIB	Lectures ..... 1	8	0	0	
432	Strength of Materials	Lectures ..... 2 Practical ..... 3	16	0	0	
472	Engineering Drawing and Design	Lectures ..... 1 Practical ..... 3	8	0	0	
481	Process Engineering I	Lectures ..... 1	8	0	0	
986	*Engineering Materials	Lectures ..... 2 Practical ..... 2	12	15	0	
		FOURTH YEAR				
440	Electrical Engineering S	Lectures ..... 2 Practical ..... 3	16	0	0	
460	Mechanical Engineering S— Part I: Machine Design	Lectures ..... 2 <sup>2</sup> Practical ..... 3 <sup>2</sup>	12	0	0	
483	Process Engineering IIA— Unit Operations I	Lectures ..... 2 Tutorial ..... 2 Practical ..... 3	12	0	0	
484	Process Engineering IIB— Unit Processes I	Lectures ..... 2 Tutorial ..... 1 Practical ..... 3	16	0	0	
485	Process Engineering IIC— Thermodynamics	Lectures ..... 2 Tutorial ..... 1 Practical ..... 3	16	0	0	
		FIFTH YEAR†				
491	Process Engineering IIIA— Unit Operations II	Lectures ..... 4 Tutorial ..... 3 Practical ..... 5	32	0	0	
492	Process Engineering IIIB— Unit Processes II	Lectures ..... 2 Tutorial ..... 2 Practical ..... 3	16	0	0	
493	Process Engineering IIIC— Industrial Economics	Seminar ..... 2	2	0	0	
494	Process Engineering IIID— Plant Design	Practical ..... 250 hrs. total	32	0	0	
495	*Process Engineering IIIE— Process Control	Lectures ..... 1 Tutorial ..... 1 Practical ..... 3	13	10	0	

† 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, IIIC and IIIE.  
 (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, IIIC and IIIE will be held.

## 10. CONTINUATION OF COURSES OFFERED IN 1959.

The following courses in ARCHITECTURAL ENGINEERING will be given in 1963.  
 [These schedules apply only to candidates who had entered upon the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957, and who seek to complete the degree before December 31, 1965, in accordance with the regulations and schedules governing it in 1957.]

		FOURTH YEAR				
Subject	Subject	Hours a Week	Fee			
			£	s.	d.	
402	*Architectural Theory and Practice II	Lectures ..... 3 <sup>2</sup> , 2 <sup>1</sup> Practical ..... 3	13	10	0	
413	*Architectural Design III	Lectures ..... 6	15	0	0	
421	Civil Engineering I	Lectures ..... 3 Practical ..... 6	24	0	0	
906	*Surveying IA	Lectures ..... 1 <sup>2</sup> , 2 <sup>1</sup> Practical ..... 3	13	10	0	
		FIFTH YEAR				
403	*Architectural Theory and Practice III	Lectures ..... 3 Practical ..... 3	9	15	0	
418	*Architectural Thesis †Structural Design	Lectures ..... 8 Practical ..... 8	16	10	0	

\* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

† This subject is not required by the Royal Australian Institute of Architects in its recognition of this course.

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) National Service Training: A candidate 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 his required practical experience.
- (c) Mining Engineering: The compulsory practical experience approved for a Mining Engineering candidate under Regulation 4 (b) should be arranged as follows:  
 First Year: Long Vacation—Workshop Practice—for not less than 8 weeks.  
 Second Year: Long Vacation—Practical Mining Experience—for not less than 8 weeks.  
 Third Year: August Vacation—Mining Trip. Long Vacation—Practical Mining Experience for not less than 8 weeks.  
 Fourth Year: August Vacation—Mining Trip.
- (d) Chemical Engineering: The compulsory practical experience approved for a Chemical Engineering candidate under Regulation 4 (b) should be arranged as follows:  
 Second Year: Long Vacation—Workshop Practice for not less than 8 weeks.  
 Third Year: Long Vacation—Works Laboratory (Research or Analytical) for not less than 8 weeks.  
 Fourth Year: Long Vacation—Industrial Plant Experience for not less than 8 weeks.  
 Fifth Year: May Vacation—Industrial Plants Trip.
- (e) Before being admitted to the degree of Bachelor of Engineering a candidate shall submit satisfactory evidence that he has passed in an examination in First Aid approved by the Faculty.\*

12. HONOURS DEGREE IN ENGINEERING.

A candidate for the Honours Degree in Mining, Chemical, Electrical, Mechanical or Civil Engineering under Regulation 14 and Syllabus Nos. 439, 449, 459, 479 and 489 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	-	-	-	£24	0	0
Laboratory Project—250 hours total	-	-	-	12	0	0

13. FEES.

- (a) For attendance at lectures, practical work and annual examination the fees shall be those prescribed in the schedule of subjects for the degree (see Clauses 5 to 9 above the Ordinary degree and Clause 12 above for the Honours degree).

\* The examination in First Aid of the St. John Ambulance Association has been approved for this purpose.

- (b) For a special examination (theoretical or practical or both) in any University subject the fee shall be £8.
- (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 679.

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### OF THE DEGREE OF MASTER OF ENGINEERING REGULATIONS

1. (a) A candidate for the degree of Master of Engineering shall be a Bachelor of Engineering in the University of Adelaide or shall be a graduate in Engineering of some other University recognised by the University of Adelaide for the purpose.

(b) A graduate of another University shall not be accepted as a candidate for the degree unless in the opinion of the Faculty of Engineering the degree that he holds is equivalent to the degree of Bachelor of Engineering, and would be acceptable for admission *ad eundem gradum* in the University of Adelaide.

2. A candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide at Honours or credit standard, or who holds in another University a qualification accepted by the Faculty of Engineering as adequate, may proceed to the degree of Master of Engineering in accordance with the provisions of either Regulation 3 or Regulation 4. All other candidates will be required to comply with the provisions of Regulation 4.

3. 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 examiners pass an examination on his course of advanced study;
- (c) present a satisfactory thesis embodying the results of his original research;
- (d) if so required by the examiners, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto; and
- (e) have had at least two years' appropriate practical engineering experience approved by the Head of the Department concerned. If so required by the Head of the Department concerned a candidate shall submit a written report on his practical engineering experience.

4. To qualify for, the degree under this Regulation a candidate shall—

- (a) present a satisfactory 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 inquiry or investigation made by him into some matter connected with engineering;
- (b) if so required by the examiners, adduce sufficient evidence of the originality of his design or thesis;
- (c) if so required by the examiners, pass an examination in that branch of work from which the subject of the thesis is taken; and
- (d) submit evidence satisfactory to the Faculty that he has had at least three years' practical experience in appropriate engineering work.

†4A. A candidate who does not qualify under Regulation 3 may present a thesis relating to research work carried out by him in a Department of the University of Adelaide provided that he has had at least three years' postgraduate professional experience before commencing his research in the Department.

5. Every candidate shall submit for approval by the Faculty of Engineering the subject of his advanced study and original research under Regulation 3 or of his thesis under Regulation 4 at least nine months before the date on which he expects to submit his thesis for examination.

†6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.††

The Faculty 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.

\*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 16th March, 1961.

\* Allowed 18th October, 1956.

Allowed 22nd January, 1953.

† Allowed 4th October, 1962.

†† These directions are published on page 690.

#### Schedule of Fees prescribed by the Council under Regulation 7

For supervision or work in the laboratory each year (if required or undertaken)—

Full-time students	-	-	-	-	-	-	£42	0	0
Part-time students	-	-	-	-	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	-	-	-	-	16	0	0
On entry for any examination required	-	-	-	-	-	-	16	0	0
On admission to the degree	-	-	-	-	-	-	10	10	0

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.

\* These directions are published on page 690.  
Allowed 4th October, 1962.

#### Schedule of Fees prescribed by the Council under Regulation 11

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On submission or re-submission of the thesis	-	-	16	0	0
On entry for any examination required	-	-	16	0	0
On admission to the degree	-	-	10	10	0

### 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 (570);
- (ii) Constitutional Law I (571);
- (iii) Criminal Law and Procedure (572);
- (iv) The Law of Contract (574);
- (v) The Law of Torts (575);
- (vi) The Law of Property (576);
- (vii) Constitutional Law II (577);

\* Allowed 17th December, 1959.

- (viii) Jurisprudence (580);
- (ix) Roman Law (581) or International Law (582);
- (x) Legal History (583);
- (xi) Equity (584);
- (xii) Mercantile Law I (585);
- (xiii) Private International Law (590) or Family Law (591);
- (xiv) Mercantile Law II (592) or Administrative, Local Government and Industrial Law (593);
- (xv) The Law of Evidence and Procedure (594);

- (b) pass in two subjects, other than the Science subjects, available for the Ordinary degree of Bachelor of Arts and approved by the Faculty of Law: a candidate who has not in the opinion of the Faculty attained a sufficient standard in British History may be required to take History IC as one of these two subjects; and
- (c) 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 (595).

(2) 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 sub-section (b) of section (1) of this regulation.

(3) A course in Taxation Law (598) 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.

\*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 aforesaid subjects, excluding the two Arts subjects under Regulation 3. (1) (b). '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 18 and 19 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding

\* Allowed 17th December, 1959; amended 16th March, 1961.

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. Except by special 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 subject or subjects prescribed by the Faculty from time to time and set out in the syllabus for the subject concerned.

\*5A. Without the special permission of the Faculty, no candidate may enrol for lectures in Legal Ethics and Accounts until he has completed three years of a degree or final certificate course.

†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. No candidate shall present himself for examination in any subject unless he shall have gained credit for attendance at three-fourths of the lectures given in that subject in each term of the year; provided that any candidate 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.

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. Written and practical work done by a candidate and the results of terminal or other examinations in any subject may be taken into consideration at the annual or supplementary examination for that subject; and a candidate may be required to submit himself for a *viva voce* examination in any subject in addition to the written examinations. All students whether exempted from attendance at lectures or not shall do such written and practical work as may be required by the lecturer.

\* Allowed 17th December, 1959.

† Amendment awaiting allowance at time of printing.

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. Without special permission of the Faculty, 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.

°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. 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.

‡ 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.

16. The Faculty of Law may grant to any student such exemption from the requirements of Regulations 5, 6, 7, 8, 9, and 14, and upon such conditions, as it shall decide.

Allowed 22nd January, 1953.

\* Allowed 22nd December, 1955.

\*\* Allowed 28th July, 1959.

‡ Allowed 20th December, 1956.

‡ Allowed 18th October, 1956

††17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed.

††18. 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.

††19. 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.

† Allowed 17th December, 1959.

Allowed 22nd January, 1953.

NOTES (which do not form part of the Regulations).

(1) 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 (570); Constitutional Law I (571); Criminal Law and Procedure (572); two Arts subjects.

*Second Year:* The Law of Contract (574); The Law of Torts (575); The Law of Property (576); Constitutional Law II (577).

*Third Year:* Jurisprudence (580); Roman Law (581) or International Law (582); Legal History (583); Equity (584); Mercantile Law I (585).

*Fourth Year:* Private International Law (590) or Family Law (591); Mercantile Law II (592) or Administrative, Local Government and Industrial Law (593); The Law of Evidence and Procedure (594).

(b) that candidates for the Final Certificate take their subjects according to the following scheme:

*First Year:* Elements of Law (570); Constitutional Law I (571); Criminal Law and Procedure (572).

*Second Year:* The Law of Contract (574); The Law of Torts (575); The Law of Property (576).

*Third Year:* Equity (584); Mercantile Law I (585).

*Fourth Year:* Family Law (591); The Law of Evidence and Procedure (594).

(2) For the purpose of Regulation 3 (1) (b) above the Faculty has approved as Arts subjects, without application by the student—

Greek I, Latin I, French I, German I, English I, Philosophy I, General Mathematics or Mathematics I, Ancient History, History IA or History IB or History IC, Psychology IA or I, Geography I, or Economic Geography, or Social Economics, or Economics I, Politics 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.

(3) A candidate may take a combined course for the Degrees of Bachelor of Arts and Bachelor of Laws. Particulars of the course are given in Schedule III of the Degree of Bachelor of Arts.

**Schedule of Fees prescribed by the Council under Regulation 15**

A. For attendance (or re-attendance) at lectures and examination in each legal subject of the course -	24	0	0
B. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	8	0	0
C. 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.			
D. For examination in Justinian's Institutes - - - -	8	0	0
E. For the additional examination required for the Honours degree of Bachelor of Laws - - - -	24	0	0
F. For the Final Certificate - - - - -	5	5	0
G. For a supplementary examination in any subject -	8	0	0
H. For attendance at the course of lectures in Taxation Law - - - - -	12	0	0

**RULES OF THE SUPREME COURT**

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference, but students are advised to consult the Rules in full:

**PRELIMINARY.**

2. (1) The rules regulating the admission of Barristers, Attorneys, Solicitors, and Proctors made on the 17th day of August, 1936, are hereby annulled.

(2) The annulment shall not affect the previous operation of any rule so annulled, or anything duly done thereunder.

(3) Any person who, before the 31st day of December, 1952, had entered upon the course of study prescribed for the degree of Bachelor of Laws, or the Final Certificate in Law at the University of Adelaide by the regulations of the University then in force, and who shall be allowed by the Council of the University to complete the course for the degree or the Final Certificate under such regulations, shall be entitled to apply for admission as a practitioner, if he has qualified for admission under the annulled Rules, but Rules 8 to 10, 16 to 25, and 30 to 46 (all inclusive) of these rules shall apply to every such person.

3. In these Rules, unless the contrary intention appears—

“Board” or “Board of Examiners” means the Board of Examiners of the Supreme Court of South Australia:

“Court” means the Full Court:

“Degree of Bachelor of Laws” means the degree of Bachelor of Laws in the University of Adelaide:

“Law Society” means the Law Society of South Australia Incorporated:

"Master" means the Master of the Supreme Court of South Australia, and includes the Deputy Master:

"Practitioner" means a Barrister, Attorney, Solicitor, and Proctor of the Supreme Court of South Australia:

"Reciprocating part of the British Commonwealth" means any part of the British Commonwealth, in regard to which the Court is satisfied that the standard of qualification for admission is at least equal to the standard in this State, and that corresponding eligibility for admission of Practitioners of the Supreme Court of this State exists:

"Supreme Court" means the Supreme Court of South Australia:

"The State" or "this State" means the State of South Australia:

"University" means the University of Adelaide:

Words importing the masculine gender shall be deemed and taken to include the feminine gender, and the singular to include the plural and the plural the singular.

4. The business of the Court is to be conducted as heretofore by admitted practitioners.

#### PERSONS ELIGIBLE FOR ADMISSION.

5. (1) A person who is of good fame and character, and who has attained the age of twenty-one years, and is a British subject may apply to be admitted as a practitioner if such person is:—

(a) A clerk who has served the prescribed period of articles of clerkship, and has passed or been credited with the examinations prescribed by these Rules.

(b) A member of the bar in England, or of Northern Ireland.

(c) A Scottish Advocate.

(d) A Solicitor of the Supreme Court of Judicature in England, or of the Supreme Court of Northern Ireland, or a person admitted or deemed to be admitted as a solicitor in Scotland.

(e) A Barrister or Solicitor of the Supreme, or Superior Court of a reciprocating part of the British Commonwealth.

(2) An applicant mentioned in sub-paragraphs (b), (c), (d) and (e) of the preceding sub-rule is in these Rules referred to as "an applicant previously admitted elsewhere."

#### LAW EXAMINATIONS.

6. No person (other than an applicant previously admitted elsewhere) shall be admitted until he has satisfied the <sup>1</sup>Board of Examiners that:—

(a) he has taken, or has passed or been credited with the examinations entitling him to take, the degree of Bachelor of Laws of the University of Adelaide, or that he has obtained the Final Certificate in Law of the University of

<sup>1</sup> The Board of Examiners of the Supreme Court of South Australia.

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.

#### 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 articulated 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 articulated clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

#### ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless  
(a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;

- (b) he has given to the <sup>1</sup>Master, and to the <sup>2</sup>Law Society at least twenty-one clear days notice of his intention to enter into articles. Such notice shall be in Form A in the schedule hereto, and shall contain the particulars therein prescribed.

Provided that, where any person has been required by notice (Form B) to attend personally before the Board and to satisfy it of his good character and fitness to enter into articles, such person shall not enter into articles until the Board has given its consent in writing thereto.

14. Within one month after the execution of his articles the articted clerk shall—

- (a) file the articles in the office of the <sup>1</sup>Master together with an affidavit verifying the due execution thereof;
- (b) produce to the Master a certificate, or certificates, by the University showing that the clerk has the qualifications required by Rule 11;
- (c) file in the office of the Master a copy of every such certificate; and
- (d) serve on the <sup>2</sup>Law Society copies of the said affidavit and of every such certificate, and of any consent, decision or determination given or made by the Board pursuant to the proviso to Rule 11, or to Rule 7, as the case may require.

15. Within one month after the execution of any supplementary articles, or of any assignment of any articles, the clerk shall—

- (a) file in the office of the <sup>1</sup>Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and
- (b) serve on the <sup>2</sup>Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

#### SERVICE UNDER ARTICLES.

16. No clerk shall be articted 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 articted clerks serving under articles at the same time.

18. No practitioner shall take, or retain, any articted 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 articted 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 articted; or

<sup>1</sup>The Master of the Supreme Court of South Australia.

<sup>2</sup>The Law Society of South Australia Incorporated.

- (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 articulated.

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 articulated 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 articulated or his partner (if any).

(2) A clerk articulated 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.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

#### APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

#### EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

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### OF THE 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.

\* Allowed 7th December, 1939.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

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 10th December, 1930.

† These directions are published on page 690.

\*\* Allowed 16th March, 1961.

† Allowed 18th October, 1956.

#### Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the thesis - - - - -	£16	0	0
On entry for any examination required - - - - -	16	0	0
On admission to the degree - - - - -	10	10	0

### OF THE DEGREE OF DOCTOR OF LAWS REGULATIONS

1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws or to a degree considered by the Council as equivalent thereto.

2. A candidate for the degree shall: (a) hold or have qualified for the honours degree of Bachelor of Laws; or (b) hold or have qualified for the degree of Master of Laws; or (c) have passed an examination approved by the Faculty of Law: provided that the Faculty of Law may accept in lieu of the foregoing an equivalent qualification obtained in any other University recognised by the University of Adelaide.

3. To qualify for the degree a candidate shall present a thesis on a subject of law proposed by him and approved by the Faculty of Law which (a) contains a substantial contribution to some branch of legal knowledge; (b) exhibits powers of original research and scholarship; and (c) whether or not previously published in full or in part shall in the opinion of the examiners merit publication as a book or monograph (other than as a collection of separate articles).

Conjoint work, or a thesis previously accepted for a degree in this or in any other University, will not be accepted alone for the degree.

4. Every candidate may also present in support of his candidature other published books, monographs, or articles. If any of these publications record work carried out conjointly, the candidate shall state the extent to which he was responsible for the initiation and preparation of such publications.

5. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of Clause 2 B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

6. The Faculty of Law shall nominate examiners. Normally there will be three examiners, two of them external to the University; but exceptions may be made in special cases recommended by the Faculty and approved by the Council.

7. The examiners may, if they think fit, examine the candidate either orally or by written questions on the subject matter of his thesis.

8. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Law, be admitted to the degree of Doctor of Laws.

9. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Allowed 4th October, 1962.

#### Schedule of Fees prescribed by the Council under Regulation 9

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

### OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY REGULATIONS

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years after matriculation.

†2. To qualify for the degrees a candidate shall

- (a) attend lectures and do written and laboratory or other practical work to the satisfaction of the Professors or Lecturers concerned;
- (b) pass an annual examination at the end of the first, third, fourth, fifth and sixth years of study; and
- (c) 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.

‡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

† Amendment awaiting allowance at time of printing.

‡ Allowed 20th December, 1956.

to present himself for examination unless he has completed the course of study and practice prescribed for that examination.

4. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken and the examinations to be passed, shall be drawn up by the Faculty of Medicine and submitted to the Council. Such schedules shall become effective as from the date of approval of the Council or from 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.

5. Written or 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.

6. A student who has passed examination *in pari materia* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

7. The Board of examiners may grant a supplementary examination to a student 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, fourth or fifth year or who has failed in part of such examination. But if he fail to pass in such supplementary examination he shall be required to pass at an ordinary examination in all the subjects of the examination before proceeding further with his course. A candidate who fails to pass an examination shall do such additional work as the Faculty may direct before presenting himself for a further annual examination.

\*8. Subject to any direction given by the Council in case of emergency, 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 five years shall be held about three months after the annual examinations. The annual examination at the end of the sixth year's course shall be known as the Final Examination. A Final Examination shall 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 a Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months shall have elapsed since that failure. Before sitting for a further Final Examination a candidate shall produce a certificate or certificates that he has performed such further study as may have been prescribed by the Board of Examiners. At its discretion the Board may permit a candidate who failed at a Final Examination in only one group of subjects to present himself in that group of subjects only at the next examination, and if he satisfy the examiners in that group he shall be deemed to have passed the whole examination.

\* Amended 20th December, 1956, and 9th January, 1958.

† "The Council has determined that the Second and Third Annual Examinations shall be held in August and that the other annual examinations shall be held in November."

9. A student shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at an annual examination; and on passing the supplementary examination in the subject or in the group of subjects in which he had failed to present himself or to pass at an annual examination he shall be deemed to have completed the whole of that annual examination, but without classification.

10. The Registrar shall report to the Faculty of Medicine, at its next meeting following that of the Board of Examiners, cases of students in the first, second, or third year of the medical course who fail to pass at two successive annual examinations. The Faculty may, after giving the student an opportunity of being heard, recommend that any such student be precluded from proceeding further with the medical course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

†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 classed at that annual examination.

† 12. 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.

13. 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 regulations hereby repealed or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

† Allowed 22nd December, 1955.

† Allowed 18th October, 1956.

Allowed 25th August, 1955.

#### 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.]

#### 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) Physics, (b) Chemistry, (c) Biology, and undertake a course of study in Medicine and the Humanities.

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) during the third term attend such courses of instruction in introductory clinical work, including General Pathology, Bacteriology, Normal Psychology, Public Health, Anaesthetics, and Human Genetics, as may be prescribed by the Faculty; and attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.

During the fourth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and Medical Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and in Clinical Surgery (including Radiology);
- (d) attend a course of instruction and practical work in General Pathology in the first two terms, and in Special Pathology in the third term;
- (e) attend a course of instruction and practical work in Bacteriology in the first two terms;
- (f) attend a course of lectures in Applied Physiology and Pharmacology in the first two terms;
- (g) attend at least forty *post-mortem* examinations.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine including Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (d) attend a course of lectures in Obstetrics and Gynaecology;
- (e) attend a course of lectures in Ophthalmology;
- (f) complete the course of instruction and practical work in Special Pathology;
- (g) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (h) attend a course of lectures in Forensic Medicine;
- (i) attend courses of lectures in the Medical and Surgical Diseases of Children, including three demonstrations at Mareeba Babies' Hospital;
- (j) complete a course of instruction in Venereal Diseases including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;
- (k) complete a course of instruction consisting of 12 attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (l) attend at least forty *post-mortem* examinations;
- (m) attend the Interim Examination in Clinical Surgery.

During the sixth year the student shall

- (a) attend courses of lectures in Clinical Medicine and in Clinical Surgery;
- (b) attend the course of lectures on the Diseases of the Ear, Nose, and Throat;
- (c) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (d) attend a course of instruction in Pulmonary Tuberculosis, consisting of six lecture-demonstrations and six attendances at the Outpatients' Department of the Pulmonary Tuberculosis Department;
- (e) attend a course of instruction in Anaesthetics at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;

- (f) attend a course of instruction in Dentistry at the Dental Department of the Royal Adelaide Hospital;
- (g) attend a course of lectures in the Principles of Medical Practice, including Medical Ethics and Life Assurance;
- (h) attend the Interim Examination in Clinical Medicine.

**B. Clinical Instruction.**

During the Fourth, Fifth and Sixth Years 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) hold the office of medical clerk in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;
- (e) hold the office of surgical dresser in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;
- (f) attend for 6 weeks the gynaecological practice of the Royal Adelaide Hospital or the Queen Elizabeth Hospital in the wards and in the outpatients' department;
- (g) reside for at least 7 weeks in the Queen Victoria Maternity Hospital or the Queen Elizabeth Hospital (Maternity Section) for clinical work in Obstetrics, and attend during this period on at least five occasions at an approved Infant Welfare Clinic;
- (h) hold for at least 5 weeks each the offices of medical clerk and surgical dresser at the Adelaide Children's Hospital; and reside for at least one week in that hospital;
- (i) attend for two sessions a week during 5 weeks the practice of the Ophthalmological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (j) attend two sessions a week during 5 weeks the practice of the Ear, Nose and Throat Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (k) attend on 10 occasions the practice of the Dermatological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital.

**II. SCHEDULE OF EXAMINATIONS MADE BY THE COUNCIL UNDER REGULATION 4.**

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- 1. Physics (511)
- 2. Chemistry (512)
- 3. Biology (270).
- 4. Medicine and the Humanities (514). (Candidates must satisfy the examiner in this subject before being permitted to proceed with the work of the Third Year of the course.)

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- 1. Biochemistry (531)
- 2. Anatomy (530)
- 3. Human Physiology (533).

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following groups of subjects:

- 1. General Pathology (541)
- 2. Bacteriology (542)
- 3. Applied Physiology and Pharmacology (543).

4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- 1. Special Pathology (554)
- 2. Public Health and Preventive Medicine (555), and Forensic Medicine (556).

5. At the Final Examination the candidate shall satisfy the examiners in each of the following groups of subjects:

1. The Principles and Practice of Medicine, including Medical Diseases of Children and Psychological Medicine (564)
2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (565)
3. Obstetrics and Gynaecology (566).

III. SCHEDULES OF FEES PRESCRIBED BY THE COUNCIL UNDER  
REGULATION 12.

A. For attendance (or re-attendance) at lectures, practical work and annual examination:

- |  |          |
|--|----------|
| (1) In each of the first, second and third years - | £135 0 0 |
| (2) In each of the fourth, fifth and sixth years - | 120 0 0  |

B. For a supplementary examination:

- |                                |        |
|--------------------------------|--------|
| (1) In any single group -      | 8 0 0  |
| (2) In any group of subjects - | 16 0 0 |

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 -	£10 5 0
Clinical Instruction Fee -	24 0 0
Obstetrics Residence Fee -	13 6 8

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**

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 fresh 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 one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.

4. The fees to be paid are as follows:—

For three months' course	£1 1 0
For perpetual attendance	2 2 0

(These fees are to be paid to the Secretary of the Hospital.)

For instruction in the medical and surgical practice of the hospital	3 3 0
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5. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management.

**RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE  
QUEEN VICTORIA MATERNITY HOSPITAL**

Medical students of the fourth, fifth, and sixth years are admitted to the practice of the Queen Victoria Maternity Hospital 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 Committee of the Hospital.

1. Students shall reside in the Hospital for a period of four weeks during the fourth year, four weeks during the fifth year, and two weeks during the sixth year, and shall carry out such duties in the wards and in the ante- and post-natal departments as are required by the Director in Obstetrics and the Honorary Medical Officers in charge.

2. No student may publish the report of any case without the authority of the Director and of the Honorary Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident House Surgeon or in his absence of the Matron of the Hospital.

4. The fees to be paid are as follows:—

(a) For board and residence in the Hospital at the rate of 69/9 a week;

(b) for clinical work at the Hospital at the rate of £1 1/- for each four weeks in residence at the Hospital.

These fees are to be paid to the University on behalf of the Hospital, and each student must produce to the Matron a receipt for such fees before being allowed to start work in the Hospital each year.

5. Students shall be responsible for having the obstetric attendance cards obtained from the University signed by the Director and the Honorary Medical Officers, the Tutors, and the House Surgeons, or the Matron at the Hospital as required, and these signatures shall be obtained within ten days of completing such term of residence in the Hospital.

6. 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 the Hospital.

7. An Investigation Committee for students at the Hospital shall be constituted, of which the Director of Obstetrical Studies and one of the Senior Honorary Medical Officers of the Hospital shall be members, together with at least one other member appointed by the Committee of Management of the Hospital.

8. If any student infringes any of these rules or otherwise misconducts himself he may be temporarily suspended by the Director or the Medical Officer in charge, and such Medical Officer shall at once notify the Director of Obstetrical Studies, in order that the complaint may be considered by the Investigation Committee of the Hospital.

This Committee shall decide whether the offence merits admonition, fine, suspension for a certain time, or dismissal from the Hospital; and shall report its decision to the Board of Discipline of the University.

Provided always that should the decision of the Investigation Committee be suspension for a period or dismissal from the Hospital, the decision shall first be referred to the Committee of Management of the Hospital for confirmation or otherwise. If such decision be confirmed by the Committee of Management, it shall be reported to the Board of Discipline of the University, together with the grounds on which such decision has been taken.

9. (a) The Board of Discipline of the University shall have no power to vary such decision, but it may suggest to the Investigation Committee a variation of the penalty. The Board shall in all cases consider whether any further action shall be taken by the University.

(b) 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 "MAREEBA" BABIES' HOSPITAL,  
THE BEDFORD PARK SANATORIUM,  
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 Bedford Park Sanatorium and 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 HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

### REGULATIONS

‡1. There shall be an Honours degree of Bachelor of Medical Science which may be obtained in one of the following schools: (a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Genetics, (e) Bacteriology, (f) General Pathology, (g) Pharmacology.

‡2. (a) A candidate for the degree in Anatomy, Biochemistry, Physiology or Genetics shall have passed the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work. A candidate for the degree in Genetics shall also have passed in Genetics I.

(b) A candidate for the degree in Bacteriology, General Pathology or Pharmacology shall have passed the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall 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 either:

(a) interrupt his medical course after the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery to undertake for one year a course of advanced study in Anatomy, Biochemistry, Physiology or Genetics; or

(b) interrupt his medical course after the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, to undertake for one year a course of advanced study in Bacteriology, General Pathology or Pharmacology. On the completion of the course of advanced study a candidate shall present himself for examination, and on satisfying the examiners he shall be qualified for admission to the degree.

‡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 school:

- 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 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 be submitted to and approved by the Council.

‡ Allowed 15th January, 1959.

† Allowed 20th December, 1956.

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.

7. A student who has passed examinations *in pari materia* and at equivalent standards in another Faculty or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Medical Science, shall on application be granted such status and such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

Allowed 8th December, 1949.

#### Schedule of Fees prescribed by the Council under Regulation 6

For the special year's work and examination in any subject for the Honours degree - - - - - £96 0 0

### 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;

° Allowed 11th November, 1954; amended 16th March, 1961.

- (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.

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.  
† Repealed 18th March, 1961.

° Allowed 16th March, 1961.  
Allowed 10th January, 1946.

#### Schedule of Fees prescribed by the Council under Regulation 11

On presentation of the thesis - - - - -	£31 0 0
On admission to the degree - - - - -	10 10 0

### 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. 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; (c) such other published papers in support of his candidature as he may wish.

3. To qualify for award of the degree the thesis must make a contribution to surgical knowledge.

4. A candidate is advised: (a) to submit in advance, for approval by the Faculty of Medicine, the proposed subject of his thesis; and (b) to consult regularly during the preparation of his thesis with the Head of the Department within which the subject of the thesis falls.

\*5. A candidate's thesis must include: (a) a declaration by the candidate indicating clearly the extent (if any) to which the candidate is indebted for any portion of the work to any other person, and stating that the thesis does not contain any material which has been accepted for the award of any other degree in any University; (b) a statement of the nature of the problem investigated; (c) a review of the relevant scientific and historical background; (d) a detailed account of the methods of investigation employed, the results obtained, and their interpretation.

†6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.†

The Faculty of Medicine, if it approve the subject of the work submitted, shall nominate examiners, of whom at least one shall be an external examiner.

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.

\* Amended 16th March, 1961.

† Allowed 16th March, 1961.

\*\* Repealed 16th March, 1961.

Allowed 17th December, 1959.

† These directions are published on page 690.

#### Schedule of Fees Prescribed by the Council under Regulation 9.

On presentation (or re-presentation) of the thesis -	-	£31	10	0
On entry for the oral examination (if required) -	-	16	0	0
On admission to the degree -	-	10	10	0

## 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 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.

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 and including lectures, laboratory and clinical work in such subjects as the Faculty shall prescribe;
- (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.

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.

#### SCHEDULE I—COURSES OF STUDY

During the first year every student shall attend a course of instruction in each of the following subjects:—(a) Physics, (b) Chemistry, (c) Biology.

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) Physics (511)
- (ii) Chemistry (512)
- (iii) Biology (270).

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) General Anatomy (621)
- (ii) General and Dental Histology (622)
- (iii) Biochemistry (623)
- (iv) Oral Anatomy and Physiology (625)
- (v) Dental Materials and Technics (626).

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) Human Physiology (634)
- (ii) Applied Oral Anatomy and Applied Physiology (632)
- (iii) General Pathology (633)
- (iv) Oral Pathology and Microbiology (635)
- (v) Restorative Dentistry (636).

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 (641)
- (ii) General Surgery (642)
- (iii) Clinical Dentistry I—Part A (643)
- (iv) Clinical Dentistry I—Part B (644)
- (v) Clinical Dentistry I—Part C (645).

5. At the Final Examination the candidate shall satisfy the examiners in the following groups of subjects:

- (i) Clinical Dentistry II—Part A (651)
- (ii) Clinical Dentistry II—Part B (652)
- (iii) Clinical Dentistry II—Part C (653)

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	£120 0 0
B. For attendance at lectures, practical work and examination at a Final Examination, not being an annual examination, under Regulation 10	60 0 0
C. For a supplementary examination in Clinical Dentistry I	16 0 0
D. For a supplementary examination in any other subject	8 0 0
E. For the year's honours work and examination	96 0 0

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 MASTER OF DENTAL SURGERY REGULATIONS

1. (a) A Bachelor of Dental Surgery may proceed to the degree of Master of Dental Surgery by complying with the following Regulations, but shall not be admitted to the degree until the expiration of nine academic terms from the date of his qualifying for the Ordinary degree of Bachelor of Dental Surgery.

(b) A graduate in Dentistry of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such cases the nine academic terms 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. Unless a candidate has obtained the Honours degree of Bachelor of Dental Surgery he shall, before submitting his thesis as provided for in Regulations 8 and 9 or before presenting himself for examination as provided for in Regulation 4, pass a qualifying examination of a standard equivalent to the Honours degree\*.

3. To qualify for the degree a candidate shall pass an examination as hereinafter prescribed, unless exempted therefrom by virtue of his having submitted a thesis of sufficient merit as provided for in Regulations 8 and 9.

4. A candidate wishing to qualify for the degree by examination shall pass an examination in (a) Advanced Dental Surgery and Pathology, and (b) another section of dentistry selected by the candidate and approved by the Faculty. Both subjects shall be passed by the candidate at one and the same examination.†

Footnote to Regulation 2 [not forming part of the Regulations.]

\* 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; but the following notes are printed for the information of those candidates wishing to take a qualifying examination in lieu of the Honours degree:

- (i) All such candidates must apply to the Faculty for permission to proceed to the degree. Each candidate must state in his application:
  - (a) whether he wishes to proceed to the degree by thesis or by examination;
  - (b) if by thesis, a general outline of the subject matter of his research or proposed research;
  - (c) if by examination, the special subject of dentistry in which he wishes to be examined.
- (ii) The Faculty will then consider the candidate's application and if it approves his candidature it shall:
  - (a) appoint a supervisor or supervisors to guide the candidate in his work, and
  - (b) inform the candidate of the form and nature of the qualifying examination he will be required to take.
- (iii) Intending candidates will appreciate that the standard of the qualifying examination will be equivalent to that for the Honours degree of Bachelor of Dental Surgery, which requires one year's full-time work.

Footnote to Regulation 4 [not forming part of the Regulations.]

† Intending candidates are strongly advised to seek full-time employment in the appropriate department of a recognised teaching institution approved by the Faculty before presenting themselves for examination.

5. As part of the examination required under Regulation 4 a candidate shall submit two typed copies of a report on both the subject of, and the practical work carried out by him in, that special section of dentistry selected by him under Section (b) of Regulation 4.

6. The examination for the degree shall be held, if required, in November of each year. The examination shall be conducted by means of written papers, *viva voce*, practical and clinical examinations, or by any one or more of those methods as may be determined by the Faculty.

7. A candidate proceeding to the degree by examination shall:

- (a) after discussing his proposed course of study with the Heads of the Departments concerned, apply in writing to the Registrar on or before the first day of February of the year in which he intends to take the course; and
- (b) notify the Registrar in writing on or before the first day of August of his intention to present himself for the next examination; and
- (c) before admission to the examination, submit the copies of the report referred to in Regulation 5.

8. A candidate wishing to qualify for the degree by thesis shall give at least three terms' notice to the Faculty of his intention and shall indicate therewith in general terms the subject of the work or investigation on which he proposes to submit a thesis. The Faculty of Dentistry, if it approve the subject of his research, shall appoint a supervisor to guide the candidate in his work.

9. 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.

10. After hearing the reports of the examiners the Faculty may recommend:

- (a) that the degree be awarded; or
- (b) that the thesis be returned to the candidate for revision; or
- (c) that the degree be not awarded.

11. 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.

12. All Regulations hitherto in force concerning the degree of Master of Dental Surgery are hereby repealed, subject to the provision that any candidate who has passed in one or more subjects for the degree under the Regulations previously in force may be granted such status under these Regulations as the Council on the recommendation of the Faculty of Dentistry shall decide.

Allowed 16th March, 1961.

† These directions are published on page 690.

Schedule of Fees prescribed by the Council under Regulation 11

Annual Registration fee for full-time students	-	-	£42	0	0
Annual Registration fee for part-time students	-	-	21	0	0
On entry for any examination required	-	-	16	0	0
On presentation (or re-presentation) of a thesis	-	-	16	0	0
On admission to the degree	-	-	10	10	0

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.

† Allowed 16th March, 1961.

‡ Repealed 16th March, 1961.

\*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 18th October, 1956. Allowed 10th December, 1942.

**Schedule of Fees prescribed by the Council under Regulation 8**

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

**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.

\* Allowed 20th December, 1956; amended 16th March, 1961, and 4th October, 1962. † Amended 9th January, 1958.

†(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course for the diploma as the Faculty of Music shall in each case determine; provided that every candidate for the diploma shall, before receiving the diploma, complete three years of study in an approved principal subject either wholly in the University or partly in the University and partly in some other University or school of music approved for 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.

Allowed 16th December, 1948.

† Allowed 14th December, 1950; amended 16th March, 1961, and 4th October, 1962.

†† Amended 16th March, 1961.

\* Allowed 20th December, 1956.

## SCHEDULES

## I. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

## A. Instrumental School

1. Chief Practical Study I (740)
2. Second Practical Study I (743)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763).

## B. Vocal School

## (a) Concert Singing

1. Chief Practical Study I (740)
2. Second Practical Study I (743)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Modern Languages I (760)
8. Speech Training I (767)

## OR (b) Operatic Singing

1. Chief Practical Study I (740)
2. Drama I (746)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Modern Languages I (760)
8. Speech Training I (767)

## C. School Music

1. Chief Practical Study I (740)  
(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 (773)
3. Harmony I (751)
4. History of Music I (755)
5. Form (750)
6. Practical Tests I (763)
7. Principles of Class Music Teaching I (770)

2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

## A. Instrumental School

1. Chief Practical Study II (741)
2. Second Practical Study II (744)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Ensemble Playing I (776)
8. Accompanying (for students whose chief practical study is Pianoforte) (780).

## B. Vocal School

## (a) Concert Singing

1. Chief Practical Study II (741)
2. Second Practical Study II (744)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Modern Languages II (761)
8. Speech Training II (768)

## OR (b) Operatic Singing

1. Chief Practical Study II (741)
2. Drama II (747)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Modern Languages II (761)
8. Speech Training II (768)

## C. School Music

1. Chief Practical Study II (741)
2. Scope of School Music II (774)
3. Harmony II (752)
4. Counterpoint I (785)
5. History of Music II (756)
6. Practical Tests II (764)
7. Principles of Class Music Teaching II (771)
8. Ensemble Playing I (776)
9. Accompanying (780)

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. Chief Practical Study III (742)
2. Second Practical Study III (745)
3. Ensemble Playing II (777)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Concerto (784)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (794).

## B. Vocal School

## (a) Concert Singing

1. Chief Practical Study III (742)
2. Second Practical Study III (745)
3. Modern Languages III (762)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Concerto (784)

## OR (b) Operatic Singing

1. Chief Practical Study III (742)
2. Drama III (748)
3. Modern Languages III (762)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Concerto (784)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (794).

## C. School Music

1. Chief Practical Study III (743)
2. The Scope of School Music III (775)
3. Ensemble Playing II (777)
4. Practical Tests III (765)
5. Musical Criticism and Aesthetics (795)
6. Literature of Music (792)
7. Principles of Class Music Teaching III (772)
8. Concerto (784).

Unless his Chief or Second Practical 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 Deans, 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	£5	0	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	84	0	0
C. For Chief Practical Study taken separately - - - - -	54	0	0
For Second Practical Study taken separately - - - - -	27	0	0
For each other subject taken separately - - - - -	16	0	0
Up to a maximum of the annual fee of £84 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 - - - - -	8	0	0
E. For the diploma - - - - -	5	5	0

**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 £21.

4. The fee for the Fellowship shall be £10/10/-.

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### OF THE DEGREE OF BACHELOR OF MUSIC REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Music. A candidate may obtain either degree, or both.

2. Repealed 15th January, 1959.

\*3. To qualify for the Ordinary degree a candidate shall:—

- (a) complete three academical years of study as prescribed in Schedule I and pass the examination proper to each year;
- (b) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts.

4. To qualify for the Honours degree a candidate shall:—

- (a) satisfy the Faculty of Music at the end of the first year of the course for the Ordinary degree of his fitness to follow the course for the Honours degree;
- (b) pass the succeeding examinations specified for the Ordinary degree at a higher standard than that required for the Ordinary degree;
- (c) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts;
- °(d) at the Final Examination submit exercise or thesis as the Faculty of Music shall in each case determine or approve;
- (e) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

First Class,  
Second Class.

° Amended 9th January, 1958.

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the course for the Honours degree.

†5. (a) To complete an academical year of study a candidate shall, unless exempted by the Council, regularly attend the course of lectures in all of the subjects specified for the examination in that year, but the separate courses of lectures need not all be attended in one and the same year, nor need the examination in all the subjects of a year be passed at the same time.

(b) 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.

6. The examination in any subject may be written or oral or both.

\*7 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.

8. A candidate who, on account of illness or other sufficient cause allowed by the Faculty, has been 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 in the following March.

9. A candidate who has presented himself at an annual examination, but has failed to pass, may, if recommended by the Board of Examiners, be permitted by the Faculty to present himself for a supplementary examination. When determining the results of the annual examinations, the Board of Examiners shall recommend to the Faculty in every case whether a candidate who fails should be permitted to present himself for a supplementary examination.

10. A candidate shall not be re-examined at a supplementary examination in any subject in which he has passed at the annual examination in the previous year, and, on passing the supplementary examination in the subject or subjects in which he has failed to present himself or to pass at the annual examination, he shall be deemed to have completed the academic year of his course, but no classification shall be allowed.

11. A candidate who has passed equivalent examinations elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music, may, on application, be granted such exemption from the requirements of these regulations as the Council shall determine.

\*Allowed 22nd December, 1955.

† Allowed 20th December, 1956.

\*12. A candidate who has matriculated and has passed the theoretical subjects of the Second Examination for the diploma of Associate in Music shall be granted the status of a student qualified to enter upon the second year of the course for the degree of Bachelor of Music; but such a candidate will be required to take concurrently with his second-year work the instruction and examination in any theoretical subjects prescribed for the first-year of the course for the degree of Bachelor of Music which are additional to those required in the course for the diploma of Associate in Music.

13. 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.

\* Allowed 28th July, 1959.

Allowed 8th December, 1949.

#### I. Schedule of Examinations made by the Council under Regulation 13.

1. At the First Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony II (752);
- (b) Counterpoint I (785);
- (c) History of Music II (756);
- (d) Form (750);
- (e) Acoustics (781);

and in addition shall satisfy the examiners in:—

Practical Tests II (764).

Further, he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September an original composition, either instrumental or vocal, in a form to be approved by the Dean.

2. At the Second Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony III (753);
- (b) Counterpoint II (786);
- (c) History of Music III (757);
- (d) Orchestration I (796);
- (e) Musical Criticism and Aesthetics (795);
- (f) Essay I (790);

and in addition shall satisfy the examiners in:—

Practical Tests III (765).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be instrumental and the other vocal (not necessarily solo writing), in a form to be approved by the Dean.

3. At the Third Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony IV (754);
- (b) Counterpoint III (787);
- (c) Canon and Fugue (783);
- (d) History of Music IV (758);
- (e) Orchestration II (797);
- (f) Essay II (791);

and in addition shall satisfy the examiners in:—

Practical Tests IV (766).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be a fugue.

4. A candidate for the Honours degree shall, after qualifying for the Ordinary degree, submit either:

- (a) a composition which shall be either a major work or an approved group of works;
- or (b) a satisfactory thesis on a subject approved by the Faculty of Music, and shall, if required, adduce sufficient evidence that the thesis is his own work;
- or (c) 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.

In the case of a candidate who elects to submit a composition work submitted must reveal a competent knowledge of design and of the development of thematic material, facility in harmony and counterpoint, and (if for chorus and orchestra) sound choral and orchestral technique, with evidence of advanced contrapuntal writing but not necessarily of formal fugue.

No exercise shall be regarded as sufficient solely on the ground that it is free from technical errors.

The candidate shall make a written declaration that the exercise is entirely his own unaided composition. Such exercise must reach the Registrar before the thirtieth day of September in the year in which the candidate wishes to qualify for his degree. Except by special consent of the examiners, no exercise which has been rejected shall be used either wholly or partly on any subsequent occasion. After the exercise has been approved by the examiners the candidate shall lodge either the original or a fair and complete copy in the University Library.

5. Candidates who have completed subjects for the degree 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 12.

A. For the entrance examination in the Theory of Music, if required - - - - -	£5 0 0
B. For each year's work and examination - - - - -	84 0 0
C. On entry for the final examination for either the Or- dinary degree or the Honours degree - - - - -	16 0 0
D. For a supplementary examination in any subject of a year's work - - - - -	8 0 0
E. For admission to the degree - - - - -	5 5 0
F. For subjects taken separately: £16 up to a maximum of the annual fee of £84 for the full year's course.	

## 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.

\* Allowed 10th December, 1919.

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 12th December, 1907.

#### Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the exercise - - - - -	£15 0 0
On entering for the Final Examination - - - - -	15 0 0
On admission to the degree - - - - -	10 10 0

### 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, 1963, a candidate may alternatively fulfil the educational requirements for admission by complying with the requirements in force in 1961.\*

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.

\* 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.

‡ Allowed 4th October, 1962.

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.

Allowed 22nd January, 1953.

† Amendment awaiting allowance at time of printing.

#### Schedule I: Courses of Study

1. The subjects which a candidate for the Diploma shall complete are:

Politics I (61) and Politics IIB (64);  
 Social Economics (170) or Economics I (171) with the approval of the Dean;  
 Public Finance (174);

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 Geography or Geography I;  
 Elements of Accounting, Management Accounting, Financial Accounting;  
 Commercial Law A, B;  
 History IC, IIA, IIIA, IIIB;  
 Politics IIA, 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 shall not be required to present Public Finance.

2. Courses of study must be approved by the Dean of the Faculty of Economics (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the diploma prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean of the Faculty of Economics, provided that a candidate shall not lose credit for a subject already completed.

Note: For the purpose of this Schedule a pass in the subject Political Science in or prior to 1954 will count as a pass in Politics II, and a pass in the subject Public Administration in or prior to 1954 will count as a pass in Politics IIIA.

#### Schedule II: Fees

A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics.			
B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -	£12	0	0
C. For a supplementary examination in Public Finance	4	0	0
D. For the Diploma - - - - -	5	5	0

### 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 (661 and 662); Pharmacy I (663, 664 and 665); Organic Chemistry (671); Biology (270); Botany and Pharmacognosy (681); Pharmacy II (682, 683 and 684); Pharmacy III (691, 692 and 693); and Pharmacy IV (694, 695, 696, and 697).

††(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.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

•• Allowed 11th November, 1954.

‡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.

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 the Diploma, £5/5/-.

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.

Allowed 7th December, 1932.

† Allowed 18th October, 1956.

‡ Allowed 20th December, 1956.

\* Allowed 10th December, 1936.

†† Allowed 22nd December, 1955.

## 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.

\* Allowed 11th November, 1954; amended 16th March, 1961.

† Allowed 16th March, 1961.

Except by permission of the Board of Studies in Physical Education a candidate shall complete or substantially complete the work prescribed in paragraph (a) before entering upon the work of paragraph (b).

4. A candidate who has passed the medical and physical examinations prescribed, may at the discretion of the Council be granted a certificate upon his completing the courses of study and passing the examinations prescribed under Regulation 3 (b).

5. A candidate may be granted such exemption from attendance at lectures and from practical work as the Council may approve.

6. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the Diploma in Physical Education, may be granted such exemption from the requirements of these regulations as the Council shall determine.

7. Schedules defining the course of study, including lectures, practical work and examinations and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physical Education, and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council, or such other date as the Council may decide. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 16th December, 1948.

#### Schedules made by the Council under Regulation 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): £168 payable in two annual instalments of £84 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:

Human Biology (321)	-	-	-	-	-	£24	0	0
Hygiene (105)	-	-	-	-	-	12	0	0
Body Mechanics (153)	-	-	-	-	-	8	0	0
First Aid (154)	-	-	-	-	-	2	0	0
Practice of Physical Education (155)	-	-	-	-	-	16	0	0
History of Education (163)	-	-	-	-	-	12	0	0
Practical Work, Part I (164)	-	-	-	-	-	24	0	0

Third-year Course:	
Human Physiology (156)	£24 0 0
Human Nutrition (287)	12 0 0
Clinical Observation and Remedial Work (157)	12 0 0
Principles of Physical Education (158)	16 0 0
Physical Psychology (167)	12 0 0
Practical Work, Part II (166)	24 0 0
E. For each section of either part of the Practical Work	6 0 0
F. For the course in Practical Teaching (168)	12 0 0
G. For a supplementary examination in any subject	8 0 0
H. For the Diploma	5 5 0

### FREE PLACES IN PHYSICAL EDUCATION RULES

1. The Council may award each year four free places in Physical Education.

2. Each award will entitle its holder to exemption from the payment of fees for all subjects prescribed under Regulation 3 (b) of the Diploma, and in addition from payment of the fee for medical and physical examinations and the fee for the diploma, provided that the subjects entered for each year are approved and that the work is carried out to the satisfaction of the Council.

3. Applications for free places should be lodged with the Registrar not later than December 1 of each year. Each application should include particulars of the applicant's age, educational qualifications, health and sporting activities, present occupation and earnings, and his proposed programme of study.

4. The Board of Studies in Physical Education shall consider the applications and submit recommendations to the Council.

### OF THE DIPLOMA IN SOCIAL STUDIES REGULATIONS

1. There shall be a Diploma in Social Studies.

\*2. A candidate for admission to the course for the diploma shall:

- (a) be not less than 18 years of age;
- (b) i. be a graduate of the University or of a University recognised by the University of Adelaide; or
  - ii. be matriculated; provided that until March 31, 1962 a candidate may, alternatively, fulfil the educational requirements for admission if he holds the Leaving Certificate; or
  - iii. being over the age of 23 years have satisfied the Council of his being competent to proceed to the diploma;
- (c) have been approved by the Council for admission to the course.

\* Amended 17th December, 1959.

\*3. To qualify for the diploma a candidate shall:

- (a) regularly attend lectures, do such written or practical work as may be prescribed by the lecturers, and satisfy the examiners in the subjects listed in Schedule I prescribed by the Council; and
- (b) satisfactorily complete a course of field work under supervision approved by the Council.

The course of study and field work shall extend over three years; provided that for graduates it shall extend over two years.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that field work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Studies may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

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.

• Amended 28th July, 1959.

Allowed 20th December, 1956.

### Schedule I: Subjects

The subjects prescribed under Section (a) of Regulation 3 are:

First Year:

- Human Biology (321) *or* Biology (270);
- Psychology I (81);
- Economics I (170) *or* Social Economics (171);
- Social Work I (141).

Second Year:

- Psychology IIB (84);
- History IB (51) *or* History IIB (54) *or* Politics I (61) *or* Economic Development I (184);
- Social Work II (143).

Third Year:

- Social Organisation (146); provided that with the approval of the Head of the Department a candidate may substitute *either* Physiology (715) *or* Human Nutrition (287) for Social Organisation.

- Sociology (148);
- Social Work III (147);
- Field Work (145).

Provided that candidates who by December 31, 1956, had passed in at least one subject in the course for the Diploma in Social Science under the regulations and schedules in force in 1956 may complete their courses for that Diploma under those regulations and schedules provided that they do so by December 31, 1962.

Provided further that candidates who obtained the Diploma in Social Science and subsequently completed the additional work required for the Diploma in Social Studies may, on surrender of the former, be issued with the latter.

Note.—The subjects in this schedule are set out in years for the guidance of full-time students, and it is recommended that they be taken in the order shown. Provided, however, that the pre-requisite subjects where prescribed are first completed, a candidate may take subjects in an order different from that recommended. All candidates are advised to consult the Head of the Department of Social Studies before enrolment each year.

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**Schedule II: 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 Organisation	-	-	-	-	£12 0 0
	In Human Nutrition	-	-	-	-	12 0 0
	In Social Work III	-	-	-	-	48 0 0
	In each other subject	-	-	-	-	24 0 0
C. For the Diploma						
	-	-	-	-	-	5 5 0

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**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 not less than eighteen years of age;
  - †(b) 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 1959;
  - (c) 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.

† Allowed 17th December, 1959.

\*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.

\* Allowed 17th December, 1959.

Allowed 9th August, 1945.

### Schedules made by the Council under Regulation 3.

#### Schedule I: Subjects.

The subjects of study shall be:

##### First Year:

Anatomy I (711).  
 Physiology (715).  
 Physics (714).  
 Treatment I (713).  
 Movement I (712).  
 Psychology IA (82).

##### Second Year:

Anatomy II (721).  
 Treatment II (723).  
 Movement II (722).  
 Pathology (725).  
 Electrotherapy I (724).  
 Practice of Hospital Work I (726).

##### Third Year:

Treatment III (733).  
 Movement III (732).  
 Electrotherapy II (734).  
 Practice of Hospital Work II (736).

#### Schedule II: Fees.

A. For each year's work, including one annual examination	£84	0	0
B. For a supplementary examination in any subject - - - - -	-	8	0
C. For the Diploma - - - - -	-	5	5

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

## 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 to 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.

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 (811);  
 Mathematics;  
 Building Science I (813);  
 History of Architecture I (814);  
 Architectural Design and Planning I (815);  
 Architectural and Free Drawing (816);  
 Studio Work I (817).

(b) Second Year:

Building Construction II (821);  
 Structures I (822);  
 Building Science II (823);  
 History of Architecture II (824);  
 Architectural Design and Planning II (825);  
 Architectural Surveying (826);  
 Studio Work II (827).

(c) Third Year:

Building Construction III (831);  
 Structures II (832);  
 Building Science III (833);  
 Architectural Design and Planning III (835);  
 Studio Work III (837);  
 Professional Practice I (834).

(d) Fourth Year:

Building Construction IV (841);  
 Structures III (842);  
 Building Science IV (843);  
 Professional Practice II (844);  
 Town and Regional Planning and Civic Design I (846);  
 Architectural Design and Planning IV (845);  
 Studio Work IV (847).

(e) Fifth Year:

Building Construction V (851);  
 Structures IV (852);  
 Building Science V (853);  
 Professional Practice III (854);  
 Town and Regional Planning and Civic Design II (856);  
 Studio Work V and Thesis (857 and 855).

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 - - - - -  | £108 0 0 |
| (The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.)            |          |
| (2) For a supplementary or special examination (theoretical or practical or both) in any subject                  | 8 0 0    |
| (3) For subjects taken separately: £24 each up to a maximum of the annual fee of £108 for the full year's course. |          |

B. For the Honours Degree:

For the additional Honours work and examination	36 0 0
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#### 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 690.

**Schedules of Fees Prescribed by the Council under Regulation 8**

For work under the direction of a supervisor (if required or undertaken)	-	-	-	-	-	-	£42	0	0
On presentation or re-presentation of the thesis	-	-	-	-	-	-	16	0	0
On entry for any examination required	-	-	-	-	-	-	16	0	0
On admission to the degree	-	-	-	-	-	-	10	10	0

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;
  - (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 on a subject approved by the Faculty of Architecture and Town Planning.
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 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.\*

\* These directions are published on page 690.

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.

### 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 Engineering (in Civil or Electrical Engineering)

Bachelor of Economics

Bachelor of Laws

Bachelor of Arts (with Economics or Geography as a three-course subject for the degree)

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.

2. 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. 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 - - - £96 0 0

For candidates by part-time study - - - 32 0 0

B. On approval of the subject of the thesis - - - 16 0 0

C. On presentation or re-presentation of the thesis - - - 16 0 0

D. On admission to the degree - - - - - 10 10 0

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. The 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 graduate of a University other than the University of Adelaide, his diploma or some other acceptable certificate of graduation.
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.
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.

\* Amended 11th November, 1954, 22nd December, 1955, and 17th December, 1959.

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 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 Institution such part of his approved course as it thinks fit (provided that the candidate works for at least six terms within the University); 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. 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.

† Allowed 25th August, 1955.

† Allowed 16th March, 1961.

\* The attention of candidates is drawn to the "Notes and Instructions to Candidates" on page 664.

15. 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.

\*16. Two copies of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

\* Amended 15th January, 1959.  
Allowed 22nd January, 1953.

### 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 following degrees together with one year of approved post-graduate research work: Bachelor of Dental Surgery, Bachelor of Medicine and Bachelor of Surgery.

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. For each term's work for the degree until submission of thesis - - - - -	£14 0 0
B. On submission of the thesis for examination - - - - -	21 0 0
C. On re-submission of thesis, including fees for any additional work required - - - - -	31 10 0
D. On admission to the degree - - - - -	10 10 0

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

## 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, Economics, Engineering, Law, Medicine, Dentistry and Science, and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations of the degree contained in the University Calendar and to the schedules made by the Council of the University.

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 rests with the candidate after discussion with his supervisor, and the completed thesis should be shown to the supervisor before submission.

(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. 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.

(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* (London Royal Society, 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 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 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 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 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,  
Surveying,  
Electrical Engineering,  
Mechanical Engineering,  
Industrial Physics.

(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 of Technology as appropriate to the course which he has followed.

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

† Amended 15th January, 1959, 17th December, 1959, 16th March, 1961, and 4th October, 1962; further amendment awaiting allowance at time of printing.

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 of Technology. 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. (In particular a student who has completed one of the diploma courses introduced by the South Australian School of Mines and Industries in or after the year 1949 will be eligible to qualify for the degree of Bachelor of Technology by matriculating and by satisfying the examiners at re-examination in such major subject or subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his Associateship diploma before being admitted to the degree.)

Allowed 20th December, 1956.

\* Allowed 9th January, 1958.

Schedules made by the Council under Regulation 2 of the Degree of Bachelor of Technology.

APPROVAL OF COURSES

Each candidate must obtain the approval of the Director of Studies of the Faculty for his proposed course of study.

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.

BACHELOR OF TECHNOLOGY COURSE IN  
BUILDING TECHNOLOGY

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee
			£ s. d.
870	Building Science I (T)	Lectures ..... 1 Practical ..... 1	} 9 15 0
873	Building Construction and Drawing I	Lectures ..... 1 Practical ..... 1	
880	Architectural Drawing I (T)	Practical ..... 2	} 12 0 0
860	Bookkeeping and Accounts	Lectures ..... 6 <sup>1</sup> , 3 <sup>2</sup>	
221	General Physics	Lectures ..... 2 Practical ..... 3	} 12 15 0 10 10 0
201	General Mathematics	Lectures ..... 3 Practical ..... 3 Tutorials ..... 2	
881	Free Drawing IA <i>Or</i> (b)	Practical ..... 2	} 24 0 0 9 15 0
885	Quantity Surveying I and	Lectures ..... 2	
882	Architectural History IB	Lectures ..... 1	7 10 0

SECOND YEAR

871	Building Science II (T)	Lectures ..... 2 <sup>2</sup> , 1 <sup>1</sup> Practical ..... 1	} 9 15 0
875	Building Construction and Drawing II	Lectures ..... 1 Practical ..... 2	
877	Building Administration I	Lectures ..... 2 <sup>1</sup> , 1 <sup>2</sup>	} 9 15 0
941	Applied Mathematics (T)	Lectures ..... 3 Tutorial ..... 1	
960	Strength of Materials (T)	Lectures ..... 2 Practical ..... 3	} 12 15 0 13 10 0
885	Quantity Surveying I and	Lectures ..... 2	
865	Supervision—Human Relations <i>Or</i> (b)	Lectures ..... 1½	} 10 10 0 9 15 0
886	Quantity Surveying II and	Lectures ..... 2	
883	Architectural History IIB	Lectures ..... 1 Practical ..... 2	} 12 0 0

THIRD YEAR

906	Surveying IA	Lectures ..... 1 <sup>2</sup> , 2 <sup>1</sup> Practical ..... 3	} 13 10 0
872	Building Science III (T)	Lectures ..... 2 Practical ..... 3 <sup>1</sup>	
876	Building Construction and Drawing III	Lectures ..... 1 Practical ..... 5	} 15 0 0
878	Building Administration II	Lectures ..... 3 Practical ..... 3	
888	Estimating and Costing	Lectures ..... 2	} 13 10 0 9 15 0
890	Design of Structures	Lectures ..... 1 Practical ..... 3	
886	Quantity Surveying II <i>Or</i> (b)	Lectures ..... 2	} 9 15 0
887	Quantity Surveying III	Lectures ..... 2	

## BACHELOR OF TECHNOLOGY COURSE IN CIVIL ENGINEERING

		FIRST YEAR					
Subject No. in Syllabus	Subject	Lectures	Hours a Week	£	s.	d.	
232	Chemistry IA	Lectures	2	16	0	0	}
		Practical	3	6	0	0	
221	General Physics	Lectures	3	24	0	0	}
		Practical	3	6	0	0	
201	General Mathematics	Lectures	3	24	0	0	}
		Tutorials	2				
950	Mechanical Engineering I (T)	Lectures	2	9	15	0	}
963	Engineering Drawing and Design I	Practical	4	12	15	0	
966	Workshop Practice I	Lectures	1	12	15	0	
		Practical	3				
		SECOND YEAR					
900	Structures I (T)	Lectures	3	15	15	0	}
		Practical	4				
906	Surveying IA	Lectures	1 <sup>2</sup> , 2 <sup>1</sup>	13	10	0	}
		Practical	3				
213	Mathematics I (Engineering)	Lectures	3	24	0	0	}
		Tutorials	2				
941	Applied Mathematics (T)	Lectures	3	12	15	0	}
		Tutorial	1				
917	Hydraulics (T)	Lectures	1	9	15	0	}
		Practical	3				
964	Engineering Drawing and Design II	Lectures	1	12	15	0	}
		Practical	3				
		THIRD YEAR					
901	Civil Engineering A	Lectures	3	16	10	0	}
		Practical	5 <sup>0</sup>				
902	Civil Engineering B	Lectures	4	15	15	0	}
		Practical	3				
903	Structures II (T)	Lectures	1	16	10	0	}
		Practical	7				
904	Methods of Construction and Management	Lectures	1	7	10	0	}
907	Survey Camp			5	10	0	
922	Electrical Engineering IIA (T)	Lectures	2	12	15	0	
		Practical	2				

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 ..... £16 0 0.

\* Including Seminars.

## BACHELOR OF TECHNOLOGY COURSE IN SURVEYING

		FIRST YEAR						
Subject No. in Syllabus	Subject	Lectures	Hours a Week	£	s.	d.		
232	Chemistry IA	Lectures	2	16	0	0	}	
		Practical	3	6	0	0		
906	Surveying IA	Lectures	1 <sup>2</sup> , 2 <sup>1</sup>	13	10	0	}	
		Practical	3					
221	General Physics	Lectures	3	24	0	0	}	
		Practical	3					
201	General Mathematics	Lectures	3	24	0	0	}	
		Tutorials	2					
963	Engineering Drawing and Design I	Practical	4	12	15	0	}	
		SECOND YEAR						
891	Town Planning Practice I	Lectures	1	7	10	0		
907	Survey Camp			5	10	0	}	
908	Surveying Computations	Lectures	3	12	0	0		
910	Surveying II	Lectures	2	13	10	0		
		Practical	3					
915	Astronomy	Lectures	2	13	10	0	}	
		Practical	3					
893	Applied Geology and Economic Geography	Lectures	1	7	10	0	}	
874	Building Construction and Drawing IA	Lectures	1	12	0	0		
		Practical	2					
213	Mathematics I (Engineering)	Lectures	3	24	0	0	}	
		Tutorial	2					
941	Applied Mathematics (T)	Lectures	3	12	15	0	}	
		Tutorial	1					
		THIRD YEAR						
905	Soils Investigations	Lectures	1 <sup>2</sup> , 2 <sup>1</sup>	13	10	0	}	
		Practical	3					
911	Land Surveying Design and Drafting	Practical	3	12	0	0	}	
913	Photogrammetry	Lectures	3	16	10	0		
		Practical	6					
914	Geodesy	Lectures	3	15	0	0	}	
		Practical	3					
916	Surveying Law	Lectures	2	9	15	0	}	
892	Law in Relation to Planning	Lectures	1	7	10	0		
862	Land Valuation—Principles and Practice	Lectures	1	10	10	0		
917	Hydraulics (T)	Lectures	1	9	15	0	}	
		Practical	3 <sup>1</sup>					

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 ..... £16 0 0.

## BACHELOR OF TECHNOLOGY COURSE IN ELECTRICAL ENGINEERING

### FIRST YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
232	Chemistry IA	Lectures	2	16	0	0
		Practical	3	6	0	0
221	General Physics	Lectures	3	24	0	0
		Practical	3	6	0	0
201	General Mathematics	Lectures	3	24	0	0
		Tutorials	2			
950	Mechanical Engineering I (T)	Lectures	2	9	15	0
963	Engineering Drawing and Design I	Practical	4	12	15	0
966	Workshop Practice I	Lectures	1	12	15	0
		Practical	3			

### SECOND YEAR

921	Electrical Engineering II (T)	Lectures	2	12	15	0
		Practical	2			
213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorial	2			
941	Applied Mathematics (T)	Lectures	3	12	15	0
		Tutorials	1			
951	Mechanical Engineering II (T)	Lectures	2	12	15	0
		Practical	2 <sup>2</sup>			
960	Strength of Materials (T)	Lectures	2	13	10	0
		Practical	3			
964	Engineering Drawing and Design II	Lectures	1	12	15	0
		Practical	3			

### THIRD YEAR

923	Electrical Engineering III (T)	Lectures	2	12	15	0
		Practical	2			
925	Automatic Control	Lectures	1	12	15	0
		Practical	3			
933	Applied Electronics	Lectures	1	12	0	0
		Practical	2			
957	Machine Design	Lectures	2	12	15	0
		Practical	3 <sup>2</sup>			
967	Workshop Practice II	Lectures	1	12	15	0
		Practical	3			
986	Engineering Materials	Lectures	2	12	15	0
		Practical	2			

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 ..... £16 0 0.

## BACHELOR OF TECHNOLOGY COURSE IN ELECTRONIC ENGINEERING

### FIRST YEAR

232	Chemistry IA	Lectures	2	16	0	0
		Practical	3			
221	General Physics	Lectures	3	24	0	0
		Practical	3			
201	General Mathematics	Lectures	3	24	0	0
		Tutorials	2			
963	Engineering Drawing and Design I	Practical	4	12	15	0
966	Workshop Practice I	Lectures	1	12	15	0
		Practical	3			

### SECOND YEAR

921	Electrical Engineering II (T)	Lectures	2	12	15	0
		Practical	2			
930	Communication Engineering I	Lectures	3	15	0	0
		Practical	3			
934	Applied Electronics (Short Course)	Lectures	1 <sup>2</sup>	8	0	0
		Practical	2 <sup>2</sup>			
213	Mathematics I (Engineering)	Lectures	3	24	0	0
		Tutorials	2			
944	Electron Physics	Lectures	1	12	15	0
		Practical	3			
986	Engineering Materials	Lectures	2	12	15	0
		Practical	2			

		THIRD YEAR				Hours		Fee	
Subject No. in Syllabus	Subject	Subject		a Week	£	s.	d.		
923	Electrical Engineering III (T)	Lectures	2		12	15	0		
		Practical	2						
925	Automatic Control	Lectures	1		12	15	0		
		Practical	3						
931	Communication Engineering II	Lectures	2		15	0	0		
		Practical	4						
935	Electronic Engineering Design	Lectures	1		12	0	0		
		Practical	2						
936	Electronic Measurements	Lectures	1		12	0	0		
		Practical	2						
937	Pulse Techniques	Lectures	2		13	10	0		
		Tutorial	1						
		Practical	2						

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £16 0 0.

### BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE A)

		FIRST YEAR				Hours		Fee	
Subject No. in Syllabus	Subject	Subject		a Week	£	s.	d.		
232	Chemistry IA	Lectures	2		16	0	0		
		Practical	3		6	0	0		
221	General Physics	Lectures	3		24	0	0		
		Practical	3		6	0	0		
201	General Mathematics	Lectures	3		24	0	0		
		Tutorials	2						
950	Mechanical Engineering I (T)	Lectures	2		9	15	0		
963	Engineering Drawing and Design I	Practical	4		12	15	0		
966	Workshop Practice I	Lectures	1		12	15	0		
		Practical	3						
		SECOND YEAR				Hours		Fee	
218	Mathematics I (Engineering)	Lectures	3		24	0	0		
		Tutorial	2						
941	Applied Mathematics (T)	Lectures	3		12	15	0		
		Tutorial	1						
951	Mechanical Engineering II (T)	Lectures	2		12	15	0		
		Practical	2 <sup>2</sup>						
960	Strength of Materials (T)	Lectures	2		13	10	0		
		Practical	3						
964	Engineering Drawing and Design II	Lectures	1		12	15	0		
		Practical	3						
986	Engineering Materials	Lectures	2		12	15	0		
		Practical	2						
		THIRD YEAR				Hours		Fee	
922	Electrical Engineering IIA (T)	Lectures	2		12	15	0		
		Practical	2						
933	°Applied Electronics	Lectures	1		12	0	0		
		Practical	2						
952	Mechanical Engineering III (T)	Lectures	2		13	10	0		
		Practical	3						
958	Machine Design Project	Lectures	2		13	10	0		
		Practical	3						
967	Workshop Practice II	Lectures	1		12	15	0		
		Practical	3						
973	°Industrial Instrumentation	Lectures	1		12	15	0		
		Practical	3						
981	Metal Fabrication	Lectures	1		9	15	0		
982	Foundry Practice	Lectures	1		12	0	0		
		Practical	3						

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £16 0 0.  
° Omit one of these subjects.

### BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE B)

		FIRST YEAR				Hours		Fee	
Subject No. in Syllabus	Subject	Subject		a Week	£	s.	d.		
232	Chemistry IA	Lectures	2		16	0	0		
		Practical	3		6	0	0		
221	General Physics	Lectures	3		24	0	0		
		Practical	3		6	0	0		
201	General Mathematics	Lectures	3		24	0	0		
		Tutorials	2						
953	Refrigeration Engineering I.	Lectures	2		9	15	0		
963	Engineering Drawing and Design I	Practical	4		12	15	0		
966	Workshop Practice I	Lectures	1		12	15	0		
		Practical	3						

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
213	Mathematics I (Engineering)	Lectures 3 Tutorials 2	} 24 0 0
941	Applied Mathematics (T)	Lectures 3 Tutorial 1	
954	Refrigeration Engineering II	Lectures 2 Practical 2	} 12 15 0
960	Strength of Materials (T)	Lectures 2 Practical 3	
964	Engineering Drawing and Design II	Lectures 1 Practical 3	} 12 15 0
984	Chemistry I, Organic (T)	Lectures 1 Practical 3 <sup>2</sup>	

THIRD YEAR

922	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 12 15 0
933	*Applied Electronics	Lectures 1 Practical 2	
952	Mechanical Engineering III (T)	Lectures 2 Practical 2	} 13 10 0
955	Refrigeration Engineering III	Lectures 2 Practical 3 <sup>2</sup>	
967	Workshop Practice II	Lectures 1 Practical 3	} 12 15 0
864	*Principles of Business and Industry	Lectures 2	
973	*Industrial Instrumentation	Lectures 1 Practical 3	} 12 15 0
986	Engineering Materials	Lectures 2 Practical 2	

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 — £16 0 0.

\* Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

BACHELOR OF TECHNOLOGY COURSE IN INDUSTRIAL PHYSICS

FIRST YEAR

201	General Mathematics	Lectures 3 Tutorial 2	} 24 0 0
221	General Physics	Lectures 3 Practical 3	
232	Chemistry IA	Lectures 2 Practical 3	} 16 0 0
963	Engineering Drawing and Design I	Practical 4	
966	Workshop Practice	Lectures 1 Practical 3	} 12 15 0

SECOND YEAR

942	Applied Mathematics II (T)	Lectures 3 Tutorial 2	} 13 10 0
943	Mechanics (T)	Lectures 1 Tutorial 1	
945	Applied Physics IA	Lectures 3 Practical 5	} 16 10 0
946	Applied Physics IB	Lectures 2 Tutorial 1	
926	Electrical Engineering Circuits	Practical 4 Lectures 2 Practical 2	} 12 15 0

THIRD YEAR

947	Applied Physics IIA	Lectures 3 Practical 5	} 16 10 0
948	Applied Physics IIB	Lectures 3 Practical 5	
974	Industrial Instrumentation	Lectures 2 Practical 4	} 15 0 0
986	Engineering Materials	Lectures 2 Practical 2	

## 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.

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 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 (Courses A and B).
- Primary Metallurgy.
- Secondary Metallurgy.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Technology for the Ordinary degree or by the Faculty of Engineering for the Honours degree as appropriate to the course which he has followed.

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 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 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. In particular a candidate who holds the degree of Bachelor of Technology in Chemical Technology, Primary Metallurgy, Secondary Metallurgy, Extractive Metallurgy, Physical Metallurgy or Mineral Dressing may be permitted to qualify for the degree of Bachelor of Applied Science by satisfying the examiners in such subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his degree of Bachelor of Technology before being admitted to the degree of Bachelor of Applied Science.

Allowed 16th March, 1961.

### Schedules made by the Council under Regulation 2.

#### 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.

COURSES FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE IN APPLIED CHEMISTRY, PRIMARY METALLURGY AND SECONDARY METALLURGY

1. ARRANGEMENT OF COURSES.

The courses shall occupy four years of full-time study. Details of these courses are set out in Clauses 4 and 5. However, in the case of a candidate who is exempted from General Mathematics (201), General Physics (221), and Chemistry IA (232) (see Clause 2) only three years of full-time study will be necessary, beginning with the Second Year of courses as set out in Clause 5.

2. EXEMPTION FROM FIRST YEAR SUBJECTS.

(a) A candidate who has passed at the Leaving Honours examination of the University of Adelaide in all of the subjects Mathematics, Parts I and II, Physics and Chemistry, will be granted exemption from General Mathematics (201), General Physics (221), and Chemistry IA (232) and may enter the Second Year of a course as set out in Clauses 5 to 9.

A similar exemption may be granted by the Faculty to a candidate who has passed in appropriate examinations at other approved Universities or Institutions.

(b) A candidate who is not exempted from all of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232) will be required to take all of the subjects of the First Year of a course as set out in Clause 4, provided that, in exceptional circumstances, a candidate who passed in appropriate examinations may be granted exemption by the Faculty in one or two of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232).

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. FIRST YEAR COURSE.

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
201	General Mathematics	Lectures	24 0 0
		Tutorials	
221	General Physics	Lectures	24 0 0
		Practical	
232	°Chemistry IA	Lectures	16 0 0
		Practical	
963	Engineering Drawing and Design I	4	12 15 0

° Lectures and Practical Work in this subject are at present given wholly or partly at the University.

## 5. SECOND, THIRD AND FOURTH YEAR COURSES.

Subject No. in Syllabus		Subject	Hours a Week	Fee £ s. d.
SECOND YEAR				
213	Mathematics I (Engineering)	Lectures	3	24 0 0
		Tutorial	2	
940	*Physics B (Engineering)	Lectures	2	13 10 0
		Practical	3	
234	*Chemistry IIA	Lectures	3	24 0 0
		Practical	6	
986	Engineering Materials	Lectures	2	12 15 0
		Practical	2	
And in addition, if not taken in the First Year:				
963	Engineering Drawing and Design I	Practical	4	12 15 0
THIRD YEAR				
APPLIED CHEMISTRY (COURSE A)				
863	*Organic Chemistry IIA	Lectures	2	16 0 0
		Practical	6	
988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
950	Mechanical Engineering I (T)	Lectures	2	9 15 0
961	Materials and Structures	Lectures	2	
		Practical	2	12 15 0
975	Process Technology I	Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	
APPLIED CHEMISTRY (COURSE B)				
863	*Organic Chemistry IIA	Lectures	2	16 0 0
		Practical	6	
988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
287	*Human Nutrition	Lectures	1	12 0 0
975	Process Technology I	Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	12 0 0
866	*Industrial Microbiology I	Lectures	2	12 0 0
		Practical	4	8 0 0
PRIMARY METALLURGY				
861	*Geology IA	Lectures	2 <sup>2</sup>	12 0 0
		Practical	4 <sup>2</sup>	
988	Applied Physical Chemistry	Lectures	2	6 0 0
		Practical	3	
922	Electrical Engineering IIA (T)	Lectures	2	13 10 0
		Practical	3	
950	Mechanical Engineering I (T)	Lectures	2	12 15 0
961	Materials and Structures	Lectures	2	
		Practical	2	9 15 0
975	Process Technology I	Lectures	2	
		Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	12 0 0
SECONDARY METALLURGY				
988	Applied Physical Chemistry	Lectures	2	13 10 0
		Practical	3	
922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
950	Mechanical Engineering I (T)	Lectures	2	9 15 0
961	Materials and Structures	Lectures	2	
		Practical	2	12 15 0
975	Process Technology I	Lectures	2	
977	Physical Metallurgy I	Lectures	2 <sup>3</sup> , 3 <sup>1</sup>	12 0 0
		Practical	1	12 15 0
		Practical	3	
FOURTH YEAR				
APPLIED CHEMISTRY (COURSE A)				
922	Electrical Engineering IIA (T)	Lectures	2	12 15 0
		Practical	2	
964	Engineering Drawing and Design II	Lectures	1	12 15 0
		Practical	3	
970	†Analytical Chemistry	Lectures	1	12 15 0
		Practical	3	
973	†Industrial Instrumentation	Lectures	1	12 15 0
		Practical	3	
976	Process Technology II	Lectures	2	16 10 0
		Practical	6	
868	*Unit Operations	Lectures	1	8 0 0
		Practical	3	6 0 0
983	*Industrial Economics	Lectures	1 <sup>2</sup>	5 0 0

\* 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 (270) instead of Physics B (Engineering) (940).

† Omit one of these subjects.

Subject No. in Syllabus		Subject	Hours a Week	Fee £ s. d.
953	***	Refrigeration Engineering I	Lectures 2	9 15 0
961	***	Materials and Structures	Lectures 2	12 15 0
			Practical 2	
973	***	Industrial Instrumentation	Lectures 1	12 15 0
			Practical 3	
976		Process Technology II	Lectures 2	16 10 0
			Practical 6	
868	*	Unit Operations	Lectures 1	8 0 0
			Practical 3	6 0 0
983	*	Industrial Economics	Lectures 1 <sup>2</sup>	5 0 0
867	*	Industrial Microbiology II	Lectures 2	16 0 0
			Practical 6	9 0 0

## PRIMARY METALLURGY

427	*	Hydraulics B	Lectures 1	8 0 0
			Practical 3 <sup>1</sup>	2 0 0
987	*	Mineral Dressing	Lectures 2	13 10 0
			Seminar 2 <sup>1</sup>	
			Practical 3 <sup>2</sup>	
450	*	Mining Engineering I	Lectures 2	16 0 0
			Practical 3	6 0 0
964		Engineering Drawing and Design II	Lectures 1	12 15 0
			Practical 3	
971	*	Extractive Metallurgy I	Lectures 2	15 0 0
			Seminar 1	
			Practical 3	
973		Industrial Instrumentation	Lectures 1	12 15 0
			Practical 3	
983	*	Industrial Economics	Lectures 1 <sup>2</sup>	5 0 0

## SECONDARY METALLURGY

964		Engineering Drawing and Design II	Lectures 1	12 15 0
			Practical 3	
970		Analytical Chemistry	Lectures 1	12 15 0
			Practical 3	
972		Extractive Metallurgy IA	Lectures 1	12 15 0
			Practical 3	
978		Physical Metallurgy Project	Lectures 6	15 0 0
980		Physical Metallurgy II	Lectures 1	12 15 0
			Practical 3	
981		Metal Fabrication	Lectures 1	9 15 0
			Practical 3 <sup>1</sup>	
982		Foundry Practice	Lectures 1	12 0 0
			Practical 3 <sup>2</sup>	
983	*	Industrial Economics	Lectures 1 <sup>2</sup>	5 0 0

\* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

\*\*\* Omit two of these subjects.

## 6. HONOURS DEGREE.

(a) The Honours degree shall be available in each of the following courses:

Applied Chemistry (Courses A and B);  
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 No. 499.

(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 £96.

### 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	£6 0 0
Geography III	9 0 0

#### Science:

Geology II	8 0 0
Geology III	8 0 0
Honours Economic Geology	28 0 0
Botany II	16 0 0
Botany III	14 0 0

#### Agricultural Science:

Fourth-year Agricultural Science	50 0 0
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## Engineering:

Civil Engineering, First Survey Camp .....	9	0	0
Civil Engineering, Second Survey Camp .....	14	0	0
Mining, Metallurgical and Chemical Engineer- ing (Third Year) .....	45	0	0
Engineering (Fourth Year) .....	45	0	0
Mechanical Engineering II .....	12	0	0

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) .....	£3	3	0
Statutory Annual Fee (full-time students) .....	13	10	0

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.

## General Service Fee:

Arts-type Courses .....	£6	0	0	p.a.
Science-type Courses .....	9	0	0	p.a.

The General Service Fee includes such charges as those for lecture notes, laboratory deposits, hire of microscopes, special material, one-day excursions and library deposits.

## INCIDENTAL FEES

<i>Late Fee</i> payable on submission of late enrolment .....	£5	0	0
<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 .....	1	0	0
<i>Late Fee</i> payable on submission of late entry for examination .....	5	0	0

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

## I. 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 - - -	£24	0	0
(2) For a special examination in any course -	8	0	0
(3) For an annual examination with exemption from attendance or re-attendance at lectures	12	0	0
(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 - - - -	£24	0	0
(3) For Honours Mathematics III - - - -	48	0	0
(4) For instruction and final examination in the following schools: Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each - - - -	96	0	0

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.

## II. DIPLOMA IN EDUCATION (OLD REGULATIONS)

## A. For attendance (or re-attendance) at lectures and annual examination:

(1) In Hygiene - - - - -	£12	0	0
(2) In Educational Psychology I and II—each part - - - - -	12	0	0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - -	12	0	0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	6	0	0
C. For a special examination - - - - -	4	0	0
D. For the course in Practical Teaching - - - - -	12	0	0
E. For the Diploma - - - - -	5	5	0

## IIA. DIPLOMA IN EDUCATION (NEW REGULATIONS)

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - -	£16 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	8 0 0
C. For a special examination - - - - -	6 0 0
D. For the course in Practical Teaching and Methodology - - - - -	16 0 0
E. For the Diploma - - - - -	5 5 0

## III. 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. - - - - -	£48 0 0
(2) For guidance without instruction - - -	24 0 0
B. Under Regulation 3:	
On approval of the subject of the thesis or on beginning the course of study - - - - -	16 0 0
C. On submission or re-submission of the thesis - - -	16 0 0
D. On admission to the degree - - - - -	10 10 0

## IV. DEGREE OF MASTER OF EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - -	£24 0 0
B. For an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	12 0 0
C. For a special examination - - - - -	8 0 0
D. On submission or re-submission of the thesis - - -	16 0 0
E. On admission to the degree - - - - -	10 10 0

## V. DEGREE OF DOCTOR OF LETTERS

A. On approval of the subject of the work - - -	£31 10 0
B. On admission to the degree - - - - -	10 10 0

## 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 - - - - -	£24 0 0
(3) For a special examination in any subject - - -	8 0 0
(4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	12 0 0
B. For the Honours work and final Honours examination in Economics - - - - -	96 0 0

## VII. DEGREE OF MASTER OF ECONOMICS

## A. Under Regulation 2 (b and c):

(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics	-	-	-	-	-	-	£48	0	0
(2) For guidance without instruction	-	-	-	-	-	-	24	0	0
B. On approval of the subject of the thesis	-	-	-	-	-	-	16	0	0
C. On submission or re-submission of the thesis	-	-	-	-	-	-	16	0	0
D. On admission to the degree	-	-	-	-	-	-	10	10	0

## VIII. DEGREE OF MASTER OF BUSINESS MANAGEMENT

A. Annual fee for seminar courses:									
Full-time candidates	-	-	-	-	-	-	£96	0	0
Part-time candidates	-	-	-	-	-	-	48	0	0
B. On approval of the subject of the thesis	-	-	-	-	-	-	16	0	0
C. On presentation or re-presentation of the thesis	-	-	-	-	-	-	16	0	0
D. On admission to the degree	-	-	-	-	-	-	10	10	0

## IX. DEGREE OF BACHELOR OF SCIENCE

A. For the Ordinary Degree:	Lectures	Practical Work
(1) General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Mathematical Statistics I, Mathematical Statistics II and Mathematical Physics A: each	- - - - -	£24 0 0
(2) Honours Mathematics III	- 48	0 0
(3) General Physics, Physics I, Chemistry I, Geology I, Botany, I, Zoology I and Biology: each	- - - - -	24 0 0    £6 0 0
(4) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Cell Physiology, Botany II, Geology II, Zoology II, Physiology I, Genetics I and Psychology I (S): each	- - - - -	24 0 0    12 0 0

(5) Physics III, Physics IIIA, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry, Geology III, Botany III, Zoology III, Microbiology, Physiology II Genetics II, Histology, and Psychology II (S) (from 1964): each - - - -	24	0	0	30	0	0
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(6) Special Subjects:	Lectures	Practical Work
Agricultural Economics - - - -	£24	0 0
Soil Science IA - - - -	24	0 0
Palaeontology - - - -	24	0 0
Botany IIA - - - -	24	0 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - - -	54	0 0
Science German (for candidates other than Honours students) - - - -	6	0 0

B. For the Honours Degree:

For the final-year Honours work and the final examination in any subject - - - -	£96	0	0
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Note: The foregoing amounts, which do not include the fees for pass work, are 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) - - - -	8	0	0
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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 Forestry School are not included in this schedule.

X. DEGREE OF MASTER OF SCIENCE

Annual Registration Fee for full-time students - - - -	£42	0	0
Annual Registration Fee for part-time students - - - -	21	0	0
On submission or re-submission of the thesis - - - -	16	0	0
On entry for any examination required - - - -	16	0	0
On admission to the degree - - - -	10	10	0

XI. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work - - - -	£31	0	0
On admission to the degree - - - -	10	10	0

## XII. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

## A. For the Ordinary Degree:

(1) For each year's work, including one annual examination - - - - -	£108 0 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	8 0 0

Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee.

## 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 - - - - -	96 0 0
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## XIII. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

Annual Registration Fee for full-time students - - -	£42 0 0
Annual Registration Fee for part-time students - - -	21 0 0
On presentation or re-presentation of the thesis - - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

## XIV. DEGREE OF MASTER OF ENGINEERING

For supervision or work in the laboratory each year (if required)—	
for full-time students - - - - -	£42 0 0
for part-time students - - - - -	21 0 0
On presentation or re-presentation of the thesis - - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

## XV. DEGREE OF MASTER OF APPLIED SCIENCE

Annual Registration Fee for full-time students - - -	£42 0 0
Annual Registration Fee for part-time students - - -	21 0 0
On submission or re-submission of the thesis - - -	16 0 0
On entry for any examination required - - -	16 0 0
On admission to the degree - - - - -	10 10 0

## XVI. 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.

B. For the special Honours work including examination:

Lectures - - - - -	£24 0 0
Practical - - - - -	12 0 0

C. For a special examination (theoretical or practical or both) in any University subject - - - - -

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.

## XVII. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

A. For attendance (or re-attendance) at lectures and examination in each legal subject of the course -	£24	0	0
B. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	8	0	0
C. 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.			
D. For examination in Justinian's Institutes - -	8	0	0
E. For the additional examination required for the Honours degree of Bachelor of Laws - - -	24	0	0
F. For the Final Certificate - - - - -	5	5	0
G. For a supplementary examination in any subject	8	0	0
H. For attendance at the course of lectures in Taxation Law - - - - -	12	0	0

## XVIII. DEGREE OF MASTER OF LAWS

On presentation of the thesis - - - - -	£16	0	0
On entry for any examination required - - -	16	0	0
On admission to the degree - - - - -	10	10	0

## XIX. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis - - - - -	£31	10	0
On admission to the degree - - - - -	10	10	0

## XX. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination:			
(1) In each of the first, second and third years	£135	0	0
(2) In each of the fourth, fifth and sixth years	120	0	0
B. For a supplementary examination:			
(1) In any single subject - - - - -	8	0	0
(2) In any group of subjects - - - - -	16	0	0

## XXI. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Honours degree - - - - -	£96	0	0
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## XXII. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis - - - - -	£31	10	0
On admission to the degree - - - - -	10	10	0

## XXIII. DEGREE OF MASTER OF SURGERY

On presentation of the thesis - - - - -	£31	10	0
On entry for the oral examination (if required) - -	16	0	0
On admission to the degree - - - - -	10	10	0

## XXIV. 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 - - -	£120	0	0
B. For attendance at lectures, practical work and a Final Examination (not being an annual examination) - - - - -	60	0	0
C. For a supplementary examination in Clinical Dentistry I - - - - -	16	0	0
D. For a supplementary examination in any other subject - - - - -	8	0	0
E. For the year's Honours work and examination -	96	0	0

## XXV. DEGREE OF MASTER OF DENTAL SURGERY

A. Annual Registration fee for full-time students -	£42	0	0
B. Annual Registration fee for part-time students -	21	0	0
C. On entry for any examination required - -	16	0	0
D. On presentation (or re-presentation) of a thesis -	16	0	0
E. On admission to the degree - - - - -	10	10	0

## XXVI. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis - - - - -	£31	10	0
On admission to the degree - - - - -	10	10	0

## XXVII. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required - - - - -	£5	0	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	84	0	0
C. For Chief Practical Study taken separately -	54	0	0
For Second Practical Study taken separately -	27	0	0
For each other subject taken separately: £16 up to a maximum of the annual fee of £84 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 - - - - -	8	0	0
E. For the diploma - - - - -	5	5	0

## XXVIII. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination - - - - -	£21	0	0
For the Fellowship - - - - -	10	10	0

## XXIX. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required - - - - -	£5	0	0
B. For each year's work and examination - - -	84	0	0
C. On entry for the final examination for either the Ordinary degree or the Honours degree - -	16	0	0
D. For a supplementary examination in any subject of a year's work - - - - -	8	0	0
E. For admission to the degree - - - - -	5	5	0
F. For subjects taken separately: £16 up to a maximum of the annual fee of £84 for the full year's course.			

## XXX. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise - - - - -	£15 15 0
On entering for the Final Examination - - - - -	15 15 0
On admission to the degree - - - - -	10 10 0

## XXXI. 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 - - - - -	£12 0 0
C. For a supplementary examination in Public Finance - - - - -	8 0 0
D. For the diploma - - - - -	5 5 0

## XXXII. DIPLOMA IN PHARMACY

For the diploma - - - - -	£5 5 0
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## XXXIII. 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): £168 payable in two annual instalments of £84 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:	
Human Biology - - - - -	£24 0 0
Hygiene - - - - -	12 0 0
Body Mechanics - - - - -	8 0 0
First Aid - - - - -	2 0 0
Practice of Physical Education - - - - -	16 0 0
History of Education - - - - -	12 0 0
Practical Work, Part I - - - - -	24 0 0
Third-year Course:	
Human Physiology - - - - -	24 0 0
Human Nutrition - - - - -	12 0 0
Clinical Observation and Remedial Work - - - - -	12 0 0
Principles of Physical Education - - - - -	16 0 0
Physical Psychology - - - - -	12 0 0
Practical Work, Part II - - - - -	24 0 0
E. For each section of either part of the Practical Work - - - - -	6 0 0
F. For the course in Practical Teaching - - - - -	12 0 0
G. For a supplementary examination in any subject - - - - -	8 0 0
H. For the Diploma - - - - -	5 5 0

## XXXIV. 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 Organisation	-	-	-	-	-	£12 0 0
In Human Nutrition	-	-	-	-	-	12 0 0
In Social Work III	-	-	-	-	-	48 0 0
In each other subject	-	-	-	-	-	24 0 0
C. For the Diploma						5 5 0

## XXXV. DIPLOMA IN PHYSIOTHERAPY

A. For each year's work, including one annual examination						
-	-	-	-	-	-	£84 0 0
B. For a supplementary examination in any subject						8 0 0
C. For the Diploma						5 5 0

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

## XXXVI. DEGREE OF BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:						
(1) For each year's work, including one annual examination						
-	-	-	-	-	-	£108 0 0
(The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.)						
(2) For a supplementary or special examination (theoretical or practical or both) in any subject						8 0 0
(3) For subjects taken separately; £24 each up to a maximum of the annual fee of £108 for the full year's course.						
B. For the Honours degree:						
For the additional Honours work and examination						36 0 0

## XXXVII. DEGREE OF MASTER OF ARCHITECTURE

For work under the direction of a supervisor (if required or undertaken)						
-	-	-	-	-	-	£42 0 0
On presentation or re-presentation of the thesis						16 0 0
On entry for any examination required						16 0 0
On admission to the degree						10 10 0

## XXXVIII. DEGREE OF MASTER OF TOWN PLANNING

A. Annual fee for courses of study			
for candidates by full-time study	-	-	£96 0 0
for candidates by part-time study	-	-	32 0 0
B. On approval of the subject of the thesis			
	-	-	16 0 0
C. On presentation or re-presentation of the thesis			
	-	-	16 0 0
D. On admission to the degree			
	-	-	10 10 0

## XXXIX. DEGREE OF DOCTOR OF PHILOSOPHY

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. For each term's work for the degree until submission of thesis			
	-	-	£14 0 0
B. On submission of the thesis for examination			
	-	-	21 0 0
C. On resubmission of thesis, including fees for any additional work required			
	-	-	31 10 0
D. On admission to the degree			
	-	-	10 10 0

## XL. DEGREE OF BACHELOR OF TECHNOLOGY

For attendance at lectures, practical work, thesis or other work and annual examination: those prescribed in the schedule of subjects for the degree.

## XLI. 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			£96 0 0

## 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 and Science.)

1. The attention of candidates is drawn to Clause 2B of Chapter XXV of the Statutes, to the Regulations of the appropriate degrees contained in the University Calendar and to the Schedules made by the Council of the University.

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 that degree) 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* (London Royal Society, 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.

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.

° The attention of candidates for the degree of Master of Surgery is drawn to Regulation 5 of that degree.

- (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 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 to the University Library and one copy to the Head of the appropriate University Department.

(b) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(c) Subject to the author's consent, the thesis will be available for photo-copying.

(d) The author will be asked after the award of the degree to give his consent to (b) and (c) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(e) If the author's consent is not given to section (b) the thesis will in any case become available for loan two years after the award of the degree.

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## 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 daily from 9 a.m. to 5 p.m. It shall also be open on Saturdays from 9 a.m. to 12 noon and on such evenings as the Library Committee may direct.

## II. PERSONS ENTITLED TO USE THE LIBRARY.

2. The following persons may use the Library for reading purposes:—

Members, and past members, of the University 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.

The Heads and Deputy Heads of Affiliated Colleges.

Technical Officers, Graduate Assistants, Laboratory Stewards and Senior Technical Assistants.

Students enrolled for courses of study in the University.

3. Other persons who desire to use the Library for the purposes of study may, on application to the Librarian, be permitted by the Library Committee to use it for specific 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. Books taken from the shelves are not to be replaced thereon, but left on the tables or at locations designated.

6. (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; further, they may be deprived of the use of the Library for such time as the Council may determine. The Librarian may impose a fine not exceeding £2 for any breach of discipline, 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 the time of its imposition.

(b) Bags or cases may not be taken into the Library.

(c) Smoking in the Library building is not permitted, except in the rooms prescribed by the Committee.

## IV. BORROWING OF BOOKS.

7. The following persons may borrow books and periodicals:—

(a) Members and past members of the Council.

(b) Professors, Readers, Senior Lecturers, Lecturers, 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.

(c) 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 in other sections or departments of the University of equivalent status.

- (d) The Heads and Deputy Heads of Affiliated Colleges.
- (e) Technical Officers, Graduate Assistants, Laboratory Stewards and Senior Technical Assistants.
- (f) Such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve.

8. (a) Postgraduate students enrolled as candidates for higher degrees may borrow books (and periodicals in accordance with Section IV. 16) on lodging with the Registrar's Department a deposit of £2 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, but not periodicals, 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 £1/1/0.

(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 on application in writing to the Librarian. The application shall include a statement that the borrower wishes no longer to borrow.

(e) Borrowing under this Clause shall be subject to the following special conditions:—

- (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. A borrower who fails to comply with this condition will incur a penalty of sixpence a volume for each day of detention beyond the specified time.
- (iii) Any book may be marked temporarily for loan for a restricted period of less than fourteen days. The penalty for detention of such books beyond the specified time will be one shilling a volume a day.
- (iv) Temporarily reserved books may be borrowed on a week-night between 8.30 p.m. and 9.45 p.m. until 9.15 a.m. on the following morning, and between 11 a.m. and 11.45 a.m. on a Saturday until 9.15 a.m. on the following Monday. A borrower who fails to comply with this condition will incur a penalty of one shilling a volume for each hour of detention beyond the specified time.
- (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 one shilling a volume.

9. 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 Clause will render the borrower liable to a fine of up to five pounds for each volume.

10. Notwithstanding Clause 8 (e) (ii) above, the Librarian may recall a book at any time, and thereupon the book shall be returned within three days of the date of the notice. A borrower who fails to return the book within the three days allowed will incur a fine of sixpence a volume for each day of detention beyond the three.

11. All publications on loan from the Library shall be returned on a date to be fixed each year by the Chairman of the Library Committee and the Librarian so that the records may be checked. The Library shall be closed for borrowing during the period needed to complete the annual check.

12. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council, be fined or deprived of Library privileges.

13. So long as any fine remains unpaid, or so long as any person remains in possession of a book which he is not entitled to retain, the right of the defaulter to use the Library will be suspended.

14. No book shall be borrowed until it has been in the Library seven days. Otherwise, any book except those specially reserved may be borrowed. Specially reserved books may be borrowed only by permission of the Library Committee.

15. No periodical shall be borrowed until it has been in the Library seven days. No unbound periodical then borrowed for departmental circulation or for personal use may be retained for more than seven days.

16. Only persons named in Section IV. 7 are entitled to borrow periodicals, bound or unbound. Other members of the teaching and research staff and postgraduate students may borrow bound and unbound periodicals on production of a general certificate of approval by the Head of the Department concerned. Honours students may borrow such bound volumes of periodicals as are approved by the Head or Deputy Head of the Department concerned; such approval to be given on a prescribed form in each case.

17. Books may be borrowed until half an hour before closing time on week-days and until quarter of an hour before closing time on Saturdays.

18. No publications lodged in Departments by permission of the Library Committee may be borrowed for use outside the Departments except through the Barr Smith Library.

19. The Council may vary any of the foregoing rules at any time either in specific cases or generally.

## V. RULES FOR THE ELDER CONSERVATORIUM LIBRARY.

20. 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.

21. In all other respects the foregoing rules of the University Library shall apply to the Conservatorium Library.

## VI. RULES FOR THE MEDICAL AND LAW LIBRARIES

22. Medical graduates who are members of the Australian Medical Association (S.A. Branch) shall be entitled to use the Medical Library in accordance with the terms of the Agreement between the Branch and the University.

23. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council, November, 1962.

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LABORATORY RULES AND  
RULES APPLICABLE TO STUDENTS ON UNIVERSITY  
PREMISES

## A. GENERAL

1. The attention of all students is drawn to the by-laws made under the University of Adelaide Act Amendment Act, which are published in the University Calendar and are exhibited on notice boards throughout the University.

2. The Head of a Department may exclude any student from any class in that Department for any cause he shall deem sufficient; and he shall report every such exclusion, and the grounds for it, to the Council through the Chairman of the Board of Discipline. The Council may reverse, vary or confirm the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

3. The possession of fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

## B. LABORATORIES

1. For students taking regular courses involving laboratory work in the University an appropriate laboratory will be open daily during term time (Saturdays and holidays excepted) at such hours as shall be considered necessary by the Head of the Department concerned. Persons engaged in advanced work or original research may work at such additional times as the Head of the Department may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the Head of the Department may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Whenever necessary and possible, each student will have a definite working place and locker or drawer assigned to him, which he may not change without permission. To avoid congestion, students should not move about the laboratories unnecessarily.

4. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

5. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

6. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

7. Large or expensive pieces of apparatus will be supplied for use by students only on condition that any damage or breakage is to be made good by the student causing the damage or breakage, on such basis as the Head of the Department may determine.

8. No experiments of a dangerous nature may be performed without the express sanction of the Head of the Department concerned.

9. Any accident must be reported at once to the person currently in charge of the laboratory.

10. The Head of a Department may impose a fine not exceeding £2 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.

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1963

PART V

Syllabuses—	PAGE
Arts and Education - - - - -	753
Social Studies - - - - -	806
Physical Education - - - - -	807
Economics - - - - -	811
Commerce - - - - -	821
Science - - - - -	824
Agricultural Science - - - - -	852
Engineering - - - - -	862
Medicine - - - - -	891
Law - - - - -	899
Dentistry - - - - -	906
Pharmacy - - - - -	912
Physiotherapy - - - - -	916
Music - - - - -	922
Architecture and Town Planning - - - - -	932
Technology and Applied Science - - - - -	947
Time-tables - - - - -	984

## SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1963.

Students are expected to procure the latest edition of all text-books prescribed.

### FACULTY OF ARTS.

#### CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are recommended for the use of students.

##### 0. Elementary Greek (Preparatory Course).

This course will not assume any previous knowledge of the language; and it will not be counted as one of the units required for the degree of B.A.

Students who pass in the examination at the end of this course will be expected to take Greek I in a subsequent year.

The following books will be used:

Walters, C. F., and Conway, R. S., *Deigma* (Murray).  
Worth, J. G., *Pallas Athene* (C.U.P.).

#### GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Elementary Greek or in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have a Greek-English lexicon and a Greek grammar.

The subjects of examination are as follows:

##### 1. Greek I.

- (a) Prose composition (Sidgwick, *Greek Prose Composition*, Longmans, Green, will be used).
- (b) Unprepared translation.
- (c) Homer, *Iliad*, book VI (ed. Leaf and Bayfield, Macmillan).  
Herodotus, book IX (ed. Shuckburgh, C.U.P.).  
Euripides, *Bacchae* (ed. Dodds, O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

##### 2. Ancient History.

The course consists of about 52 lectures, comprising 18 lectures on the history of Greece from 594 to 404 B.C., 18 lectures on the history of the Roman Republic from 202 to 27 B.C., and 16 lectures on the history of the Roman Empire from 27 B.C. to 138 A.D.

The course is intended to introduce students to ancient history, whatever their other studies may be, and no knowledge of Greek or Latin is necessary.

A student cannot count as units towards his degree both Ancient History and any of the following: Greek II, Latin II, Latin III.

Students should obtain:

Hammond, N. G. L., *History of Greece* (C.U.P.).

Cary, M., *History of Rome* (Macmillan).

For reference:

Greece:

*Cambridge ancient history* (C.U.P., vols. IV-V).

Andrewes, A., *The Greek tyrants* (Hutchinson).

Burn, A., *Pericles and Athens* (Hodder and Stoughton).

Cook, R. M., *The Greeks till Alexander* (Thames and Hudson).

Grundy, G. B., *Thucydides and the history of his age*, Vol. I (Blackwell).

Hignett, C., *History of the Athenian constitution* (O.U.P., 2nd edition).

Zimmern, A. E., *The Greek commonwealth* (O.U.P.).

Thucydides (translated R. Warner) (Penguin Classics).

Herodotus (translated 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. M., *From the Gracchi to Nero* (Methuen).

Holmes, T. Rice, *The Roman republic and the founder of the empire* (O.U.P.).

Cowell, F. R., *Cicero and the Roman republic* (Pelican).

Appian, *Roman history* (Vols. III-IV, Loeb).

Plutarch, *Fall of the Roman republic* (Penguin).

Cicero, *Letters* (ed. Wilkinson, Arrow Paper-back).

Roman Empire:

Velleius Paterculus, C., *Historia Romana* and *Res Gestae Divi Augusti*, ed. F. W. Shipley (Loeb, Heinemann).

Tacitus, *Dialogus de oratoribus*, ed. W. Peterson (Loeb, Heinemann);

*Historiae*, ed. C. I. Moore, 4 vols. (Loeb, Heinemann).

Suetonius, *Opera quae extant*, ed. J. C. Rolfe, 2 vols. (Loeb, Heinemann).

Dio Cassius, *Historia Romana*, ed. E. Cary, vols. VI-VIII (Loeb, Heinemann).

*Cambridge ancient history* (C.U.P., Vols. X-XI).

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.).

Henderson, B. W., *The life and principate of the emperor Nero* (Methuen).

Henderson, B. W., *Civil war and rebellion in the Roman empire* (Macmillan).

Henderson, B. W., *Five Roman emperors: Vespasian, Titus, Domitian, Nerva, Trajan* (C.U.P.).

Lepper, F. A., *Trajan's Parthian war* (O.U.P.).

Henderson, B. W., *The life and principate of the emperor Hadrian* (Methuen).

Grant, M., *Roman history from coins: some uses of the imperial coinage to the historian* (C.U.P.).

### 3. Greek II.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Aeschylus, *Prometheus Vincetus* (ed. Rackham, C.U.P.).  
Thucydides, *book I* (ed. Marchant, Macmillan).  
Aristophanes, *Clouds* (ed. Merry, O.U.P.).
- (d) Greek history 594-404 B.C. The lectures will be given in the first term.  
Students should obtain: Hammond, N. G. L., *History of Greece* (C.U.P.).

### 6. Greek III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Demosthenes, *On the crown* (ed. Goodwin, C.U.P.) in addition to the books prescribed for Greek II.
- (d) Greek society and thought.  
Students should read Kitto, *The Greeks* (Pelican), and Cornford, *Before and after Socrates* (C.U.P.).

## 7. Comparative Philology.

Pre-requisite subjects: Leaving Latin and *either* Greek I (1) *or* Latin I (5) *or* French I (31) *or* German IA (40) *or* German I (41).

The course deals mainly with the Indo-European language group, but includes about 10 lectures on phonetics and general linguistic history and about 20 on 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.).

## 9. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course.

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.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (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.

## LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have a Latin-English lexicon and a Latin grammar.

The subjects of examination are as follows:

## 11. Latin I.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Horace, *Odes, book I* (ed. Gould and Whitely, Macmillan).  
*A book of Latin letters* (ed. Levens, Methuen).  
 Virgil, *Aeneid, book IV* (ed. Austin, O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

## 13. Latin II.

- (a) Prose composition (Hardie, W. R., *Latin Prose Composition* (Arnold) will be used).
- (b) Unprepared translation.
- (c) Plautus, *Captivi* (ed. Lindsay, O.U.P.).  
 Cicero *De senectute* (ed. Huxley, O.U.P.).  
 Virgil, *Georgics, books I and II* (ed. Page, Macmillan).
- (d) The history of the later Republic (202-27 B.C.). The lectures will be given in the second term. Students should obtain Cary, M., *History of Rome* (Macmillan).

## 16. Latin III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Tacitus, *Annals, book II* (ed. Masom and Plaistowe, University Tutorial Press) in addition to the books prescribed for Latin II.
- (d) The history of the early Empire (27 B.C.-138 A.D.). The lectures will be given in the third term. Cary, M., *History of Rome* (Macmillan) will continue to be used.
- (e) Roman society.  
 Students should read *Cicero and the Roman Republic* (Cowell, Pelican) and *Daily life in ancient Rome at the height of the Empire* (Carcopino, Pelican).

## 19. Latin for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course. 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.  
 In papers (c) and (d) credit will be given for style as well as accuracy of translation.
- (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.

## Classics for the Degree of M.A.

The examination will be in the following subjects, of which candidates must take at least one and not more than two:

- (a) Literature.
- (b) Philosophy.
- (c) History.
- (d) Language.

A thesis on a subject approved by the Faculty of Arts may be accepted in place of part or the whole of the above examination.

## MODERN LANGUAGES

## ENGLISH LANGUAGE AND LITERATURE

There are three courses in English for the Ordinary degree of Bachelor of Arts: English I, English II, and English III. 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 courses 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.

## 21. English I.

- I. The history and structure of the English language.
  - Levitt, J. and J., *The spell of words*.
  - Barfield, O., *History in English words*.
- II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:
 

1963:

  - A. Poetry:
    - Chaucer, *The wife of Bath's prologue and Tale*. At the examination, translation into idiomatic English will be required from the *Tale* only.
    - Donne, *Poems*.
    - Dryden, *Poems*.
    - Byron, *Poems*.
    - Slessor, K., *Poems* (Angus and Robertson).
    - The Penguin book of English verse*, ed. John Hayward.
  - B. Drama:
    - Shakespeare, *A midsummer nights dream; King Lear*.
    - Kyd, *The Spanish tragedy*.
    - Wilde, *A woman of no importance*.
    - Lawler, *The summer of the seventeenth doll*.
  - C. Novel:
    - Fielding, *Joseph Andrews*.
    - Dickens, *Hard times*.
    - Melville, *Moby Dick*.
    - Greene, G., *The power and the glory*.
  - D. Prose:
    - Three Elizabethan pamphlets*, ed. G. R. Hibbard (Harrap).
    - Gibbon, *Autobiography*.
    - Strachey, L., *Eminent Victorians*.

## †Recommended Reading:

- Baugh, A. C., *History of the English language* (2nd ed., 1959).  
 Jespersen, O., *Growth and structure of the English language*.  
 Wrenn, C. L., *The English language*.  
 Legouis, E., *A short history of English literature*.  
 Trevelyan, G. M., *English social history*.  
*The Pelican guide to English literature*, ed. B. Ford.  
 Coghill, N., *The poet Chaucer*.  
 Richards, I. A., *Practical criticism*.  
 Aristotle, *Poetics* (Clarendon).  
 Bradley, A. C., *Shakespearean tragedy*.  
 Granville-Barker, H., and Harrison, G. B., *Companion to Shakespeare studies*.  
 Lucas, F. L., *Tragedy in relation to Aristotle's poetics*.  
 Eliot, T. S., *Selected essays*.  
 Forster, E. M., *Aspects of the novel*.  
 Warner, A., *A short guide to English style* (O.U.P.).

† Recommended Reading. Except paper-backs, the titles listed under this head are available at the Barr-Smith Library in multiple copies. Other reading lists will be given during the course of the year.

## 1964 (Provisional).

## A. Poetry:

- Chaucer, *The parlement of foules; The compleynt of Mars*. Translation into modern idiomatic English will be required from the *Parlement of foules*.  
 Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).  
 Dryden, *Poems*.  
 Byron, *Poems*.  
 Slessor, *Poems*.

## B. Drama:

- Shakespeare, *Romeo and Juliet; The tempest*.  
 Kyd, *The Spanish tragedy*.  
 Congreve, *The way of the world*.  
 An Australian play (to be selected).

## C. Novel:

- Fielding, *Joseph Andrews*.  
 Dickens, *Hard times*.  
 Melville, *Moby Dick*.  
 Forster, *A passage to India*.

## D. Prose:

- Three Elizabethan pamphlets*, ed. G. R. Hibbard (Harrap).  
 J. S. Mill, *Autobiography*.  
 Lawrence, *Mornings in Mexico and Etruscan places* (Penguin).

## 23. English II.

English literature from 1500 to 1780, with intensive study of a special period. Two three-hour papers will be set, as follows:

- I. English literature from 1500 to 1780.  
 II. The special period.

## 1963.

## A. Prescribed texts:

- The following books are to be studied in detail:  
 Sidney, *An apologie for poetrie*.  
 Marlowe, *Hero and Leander; Dr. Faustus*.  
 Spenser, *The faerie queene*, book VI; *Fowre hymnes*.  
 Shakespeare, *Sonnets; The winter's tale*.  
 Nashe, *The unfortunate traveller* (in *Shorter Elizabethan and Jacobean novels*, Everyman Library).  
 Bacon, *The advancement of learning*.  
 Jonson, *The alchemist*.  
 Heywood, *A woman killed with kindness*.  
*The metaphysical poets*, ed. H. Gardner (Penguin).  
 Browne, *Urn-burial; The garden of Cyrus*.

- Etherege, *The man of mode* (in *Restoration plays*, ed. E. Gosse, Everyman).  
 Milton, *Paradise regained*.  
 Dryden, *Poems and satires*.  
 Steele, *The tallier*, ed. L. Gibbs (Everyman).  
 Swift, *Gulliver's travels*.  
 Pope, *Poems*.  
 Gay, *The beggar's opera*.  
 Fielding, *Joseph Andrews*.  
 Sterne, *Tristram Shandy*.  
 Johnson, *Lives of the poets*, with special attention to the lives of Cowley, Milton, Savage, Pope, Gray.  
 The Oxford book of eighteenth century verse, with special attention to Prior, Swift, Pope, Philips, Gay, Young, Thomson, Dyer, Johnson, Collins, Gray, Smart, Goldsmith, Chatterton, Blake, Burns.

B. Special Period:

While students are expected to relate all their literary studies to ideas and events viewed in a historical perspective, for the special period a more detailed familiarity with the social and historical background is required.

For 1963 the special period will be 1590-1625. Of the authors and texts prescribed, the following fall partly or wholly within the special period: Spenser, Nashe, Shakespeare, Bacon, Johnson, Heywood, *Metaphysical poets* (ed. Gardner). The period is, however, to be studied as a whole, and not restricted to these.

† Recommended reading:

- The Oxford book of sixteenth century verse*.  
*The Oxford book of seventeenth century verse*.  
 Bush, D., *English literature in the earlier seventeenth century*.  
 Dobrée, B., *English literature in the early eighteenth century*.  
 Leavis, F. R., *Revaluation*.  
     *The common pursuit*.  
 Lewis, C. S., *English literature in the sixteenth century*.  
 Sutherland, J., *A preface to eighteenth century poetry*.  
 Tillyard, E. M. W., *Elizabethan world picture*.  
 Tuve, R., *Elizabethan and metaphysical imagery*.  
 Jack, I., *Augustan satire*.  
 Wilson, F. P., *Elizabethan and Jacobean studies*.  
 Willey, B., *The seventeenth century background*.  
     *The eighteenth century background*.  
*The Pelican guide to English literature*, ed. B. Ford, Nos. 2, 3 and 4.

† Recommended Reading. Except paper-backs, the titles listed under this head are available at the Barr-Smith Library in multiple copies. Other reading lists will be given during the course of the year.

1964 (Provisional).

A. Prescribed texts:

The following books are to be studied in detail:

- The Oxford book of sixteenth century verse*, with special attention to the poetry of Skelton, Wyatt, Surrey, Sidney, Greville, Spenser, Raleigh, Daniel, Drayton, Sir John Davies.  
 Marlowe, *Tamburlaine*, parts I and II.  
 Spenser, *Epithalamion: Prothalamion: The faerie queene*, book I.  
 Shakespeare, *Richard II*.  
 Bacon, *Essays*.  
 Gardner, H. (ed.), *The metaphysical poets* (Penguin).  
 Pinto, V. de S. (ed.), *English biography in the seventeenth century* (Harrap).  
 Congreve, *Comedies* (World's Classics).  
 Milton, *Paradise lost*.  
 Bunyan, *Pilgrim's progress*.  
 Dryden, *Plays* (Mermaid edition, 2 vols.).  
 Dryden, *Poems*.  
 Dryden, *Essay of dramatic poeie; Preface to the fables*.  
 Swift, *Tale of a tub*.  
 Pope, *Moral essays: Satires* (Everyman).  
 Defoe, *Journal of the plague year*.

Lillo, *The London merchant*.

Johnson, *Poems*.

Johnson, *Lives of the English poets*, with special attention to the lives of Cowley, Milton, Rochester, Dryden, Savage.

Goldsmith, *Citizen of the world*.

Sterne, *Tristram Shandy*.

B. Special Period.

For 1964, the special period will be 1660-1700 (the Age of Dryden). Of the authors and texts prescribed, the following fall wholly or partly within the special period: Milton, Dryden, Bunyan, Congreve, Swift, *Metaphysical poets* (ed. Gardner), *English biography* (ed. Pinto). The period is, however, to be studied as a whole and not restricted to these.

25. 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 English literature.

D. Study of Old and Early Middle English texts.

Prescribed books:

Sweet, *Anglo-Saxon reader*, revised C. T. Onions, latest edition (O.U.P.).

Gordon, E. V. (ed.), *The battle of Maldon* (Methuen).

Whitelock, D. (ed.), *Sermo lupi ad Anglos* (Methuen).

Dickins and Wilson, *Early Middle English texts* (Bowes and Bowes).

26. English III.

English literature since 1780, with intensive study of a special period; Australian literature; Shakespeare; principles and practice of literary criticism.

There will be three lectures each week, and students must attend tutorials once a week.

Three three-hour papers will be set as follows:

I. English literature from 1780, including Australian literature.

II. The special period.

III. Shakespeare; principles and practice of criticism.

1963.

A. Prescribed texts:

The following books are to be studied in detail:

The poems of Crabbe, Blake, Coleridge, Wordsworth, Byron, Keats, Shelley, Browning, Hardy, Yeats.

The novels of Peacock.

Edgeworth, *Castle Rackrent*.

Austen, *Northanger abbey*.

Scott, *Heart of Midlothian*.

Byron, *Letters* (Everyman).

Hazlitt, *The spirit of the age*.

Haydon, B. R., *Autobiography* (World's Classics).

Eliot, G., *Middlemarch*.

James, H., *The portrait of a lady*.

Lawrence, D. H., *Women in love*.

Woolf, V., *To the lighthouse*.

B. Australian Literature:

Newland, S., *Paving the way*.

White, P., *The tree of man*.

Brennan, C., *Poems*.

McCrae, H., *Best poems* (Angus and Robertson).

Special topic: The heyday of *The Bulletin* (1890 and after).

## C. Special Period.

While students are expected to relate all their literary studies to ideas and events viewed in a historical perspective, for the special period a more detailed familiarity with the social and historical background is required.

In 1963, the special period will be 1790-1830 (the Romantic Revival). Of the authors and texts prescribed, the following fall partly or wholly within the special period: Crabbe, Blake, Coleridge, Wordsworth, Byron, Keats, Shelley, Peacock, Edgeworth, Austen, Scott, Hazlitt, Haydon. The period is, however, to be studied as a whole and not restricted to these.

## D. Shakespeare:

*The comedy of errors; The two gentlemen of Verona; Loves labours lost; The taming of the shrew.*

## E. Principles and practice of literary criticism:

Coleridge, *Lectures on Shakespeare* (Everyman).

Daiches, D., *Critical approaches to literature*.

Leavis, F. R., *Revaluation*.

## † Recommended reading:

Abrams, M., *The mirror and the lamp*.

Abrams, M. (ed.), *English romantic poets: Modern essays in criticism*.

Bowra, C. M., *The romantic imagination*.

Brailsford, H. N., *Shelley, Godwin and their circle*.

Brown, J. R., *Shakespeare and his comedies*.

Granville-Barker, H., *Prefaces to Shakespeare*.

Leavis, F. R., *The great tradition*.

Willey, B., *Nineteenth century studies*.

Young, G. M., *Victorian England: Portrait of an age*.

Green, H. M., *History of Australian literature*.

† Recommended Reading. Except paper-backs, the titles listed under this head are available at the Barr-Smith Library in multiple copies. Other reading lists will be given during the course of the year.

## 1964 (Provisional).

## A. The following books are to be studied in detail:

The poems of Shelley, Tennyson, Browning, Arnold, G. M. Hopkins, Swinburne, T. S. Eliot.

Coleridge, *Selections* (ed. Colmer).

Auden, W. H., (*Penguin poets*).

Peacock, *Nightmare abbey*.

DeQuincey, *Confessions of an English opium eater*.

Carlyle, *On heroes, hero-worship, etc.*

Mrs. Gaskell, *Mary Barton*.

Thackeray, *Vanity fair*.

George Eliot, *Middlemarch*.

Dickens, *Hard times*.

Disraeli, *Sybil*.

Arnold, *Culture and anarchy*.

Hardy, *Jude the obscure*.

Conrad, *Nostromo*.

Lawrence, *Women in love*.

## B. Australian literature:

Fitzpatrick (ed.), *Australian explorers* (World's Classics).

Furphy, *Such is life*.

White, *Riders in the chariot*.

Brennan, *Poems*.

Special topic: Australian description.

## C. Special Period.

The special period in 1964 will be 1830-80 (Victorian literature).

Of the authors and texts prescribed, the following fall wholly or partly within the special period: Tennyson, Browning, Arnold, Rossetti, Swinburne, Carlyle, Thackeray, Dickens, George Eliot, Meredith.

## D. Shakespeare.

*Cymbeline; The winter's tale; The tempest; Pericles*.

## E. Principles and practice of literary criticism.

Coleridge, *Shakespearean criticism* (ed. T. M. Raysor, Everyman, 2 vols.).

Daiches, D., *Critical approaches to literature*.

Leavis, F. R., *Revaluation*.

## 28. Old and Middle English II.

A. Medieval English culture and institutions.

B. The Middle English language.

Prescribed book:

Wright, *An elementary Middle English grammar* (O.U.P.).

C. Introduction to Middle English literature.

D. Study of Old and Middle English texts.

Prescribed books:

Klaeber (ed.), *Beowulf*, 3rd edition (Heath); or

Wrenn (ed.), *Beowulf* (Harrap).

Dickins and Ross (ed.), *The dream of the rood* (Methuen).

Sisam, *Fourteenth century verse and prose*, with glossary (O.U.P.).

Tolkien and Gordon (ed.), *Sir Gawain and the green knight* (O.U.P.);

or

Collancz (ed.), *Sir Gawain and the green knight* (O.U.P., for the Early English Text Society).

## 29. English Language and Literature for the Honours Degree of B.A.

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 adopting *Scheme B* will take papers (iii b)-(xi) inclusive; but for paper (vi) or (vii) any one of the following papers may be substituted, (xii), (xiii) or (xiv). Substitutions or omissions should be made only after consultation with the Professor. In each case the course extends over three years and is normally entered upon in the second year at the university.

- (i) Old and Middle English texts.
- (ii) Old and Middle English language and literature.
- (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) Canadian or other Commonwealth literature.

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 Professor 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' work and must be completed within that period unless an extension is granted. Details of the Final Honours papers are shown in syllabus no. 29 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.
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 *one* paper selected from Final Honours papers (xii), (xiii) or (xiv) 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.

*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.
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 Professor as early as possible, and should be prepared to submit the subject for the approval of the Faculty not later than the end of March in the year in which the thesis is to be presented.

## 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. In French I there will be two pass standards, a higher and a lower. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in French I until he has passed in French at the Leaving Examination, or the course in French II until he has passed the examination in French I at the higher standard, or the course in French III until he has passed the examination in French II.

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. In no circumstances may students in French I be exempted from attendance at lectures and tutorials.

### 31. French I.

This is a general course, designed both as an introduction for those students who intend to go further in the study of France, its language and its literature, and as a short but comprehensive survey for those students whose French studies will be confined to one year.

Lectures are given on the French civilisation, treating in outline the geography of France, and its history, institutions and literature. French literary texts are set for reading and for translation into English. The pronunciation of French is studied in a course of Phonetics and by means of dictation and reading aloud in small groups. And the use of French, both written and spoken, is furthered through essay-writing, translation into French and conversation in small groups on topics arising from the lectures. A French Club also exists to present monthly programmes in French organised by a student committee.

Each student should possess the following books:

Lough (ed.), *The Harrap book of French short stories* (Harrap).

Marks, *French literary passages* (Dent).

Molière, *Le bourgeois gentilhomme* (Classiques Larousse).

Pryce and Foster, *French prose composition for sixth forms* (Harrap).

Mansion, *A grammar of present day French, with exercises* (Harrap).

N.B.—Students whose French grammar is weak would be well advised to acquire also:

Ferrar, *A French reference grammar* (O.U.P.).

The following works of reference are available in the library and should be freely consulted:

- (a) Dictionaries:  
*Harrap's standard French and English dictionary*, Vols. 1 and 2.  
 Charles Petit, *Dictionnaire français-anglais et anglais-français*, Vols. 1 and 2 (Paris, Hachette).  
*Nouveau Larousse universel*, 2 vols.  
 Lacroix, *Dictionnaire des mots et des idées* (Paris, Nathan).
- (b) Grammar:  
 Grevisse, *Le bon usage* (Paris, Geuthner).  
 Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques* (Amiens, Editions Scientifiques et Littéraires).
- (c) Pronunciation:  
 Fouché, P., *Traité de prononciation française* (Klincksieck).  
 Grammont, *Traité pratique de prononciation française* (Delagrave).
- (d) Versification:  
 Grammont, *Petit traité de versification française* (Colin).
- (e) Composition:  
 Loubet, *La technique de la composition française* (Paris, Maynard).  
 Vannier, *La clarté française: pour composer, pour écrire, pour se corriger* (Paris, Nathan).
- (f) French Civilisation:  
 Huby, *Cours d'histoire*, Vols 1-5.  
 Lacour et Gayet, *La France au XXe siècle* (Hachette).  
 Ritchie, Graeme (ed.), *France: a companion to French studies* (Methuen).  
 Roe, *Modern France: an introduction to French civilisation* (Longmans).  
 Parker, and Grigaut, *Initiation à la culture française* (Harper, N.Y.).  
 Rambaud, *Histoire de la civilisation française and Civilisation contemporaine* (Paris, Colin).
- (g) Literature:  
 Plinval, *Précis d'histoire de la littérature française* (Hachette).  
 Van Tieghem, *Histoire de la littérature française* (Fayard).  
 Jasinski, *Histoire de la littérature française*, Vols 1 and 2 (Boivin).

The Hope Crampton Prize, of the value of £5, 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 £6, 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.

### 33. French II.

- (a) Free composition in French and translation from English into French.  
 Prescribed book:  
 Ritchie, *A new manual of French composition* (C.U.P.).  
 Reference books: As for French I, together with:  
 Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue française*, 2 vols.  
 Bailly, *Dictionnaire des synonymes* (Larousse); or  
 Bénac, *Dictionnaire des synonymes* (Hachette).  
 Maquet, *Dictionnaire analogique* (Larousse).  
*Le Larousse du XXe siècle*, 6 vols.
- (b) Translation of unseen and prescribed French texts into English.  
 Prescribed books:  
 Mme de La Fayette, *La princesse de Clèves*, ed. Wilson (Harrap).  
 Saint Simon, *Mémoires* (Classiques Larousse).  
 Voltaire, *Choix de contes*, ed. F. C. Green (C.U.P.).

(c) Orals.

(d) Literature: From 1600 to 1800.

Questions for special study:

Term I: *La Fontaine*.

Term II: *Le théâtre de Molière*.

Term III: *Voltaire et l'esprit philosophique*.

Prescribed books:

Lagarde et Michard, *XVIIe Siècle* and *XVIIIe Siècle* (Paris, Bordas).

Reference books:

Bédier-Hazard-Martino, *Histoire illustrée de la littérature française*, 2 vols.

Jasinski, *Histoire de la littérature française*, 2 vols. (Boivin).

Saulnier, *La littérature française*, (1) *de la Renaissance*, (2) *du siècle classique*, (3) *du siècle philosophique*, 3 vols. (Collection "Que sais-je?"; Paris, Presses universitaires).

Green, *The ancien régime* (Edinburgh U.P.).

Lough, *Introduction to seventeenth-century France* (Longmans).

Lough, *Introduction to eighteenth-century France* (Longmans).

Funck-Brentano, *L'ancien régime* (Paris, Flammarion).

Bornecque, *La France et sa littérature*, tome I (Lyon, Editions I.A.C.).

Bénac, *Vocabulaire de la dissertation* (Hachette).

Cayrou, *Le français classique* (Didier); or

Dubois et Lagane, *Dictionnaire de la langue française classique* (Paris,

Belin).

Haase, *Syntaxe française du XVIIe siècle* (Delagrave).

Grete, *Dictionnaire des lettres françaises* (XVIe et XVIIe siècles), 2 vols.

(e) Explication de textes.

Prescribed books:

*Fables de la Fontaine*, 3 vols. Collection France (Hachette).

Molière, *Tartuffe*, ed. Ashton (Blackwell).

Racine, *Phèdre*, ed. Knight (Manchester U.P.).

Reference books:

Crouzet and Desjardins, *Méthode française et exercices illustrés*, Vol 3 (Paris, Didier).

Rudler, *L'explication française* (Paris, Colin).

The Edith A. Puddy Prize, of the value of £6, 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.

### 35. Old and Middle French I.

(a) Outline of the history of the French language; historical phonetics: morphology and syntax of Old and Middle French.

Prescribed books:

Raynaud de Lage, *Introduction à l'ancien français* (Paris, S.E.D.E.S.).

Brunot et Bruneau, *Précis de grammaire historique de la langue française* (Paris, Masson), pp. vii-xxvii, 1-95, 180-363, 395-403, 467-492, 507-520.

(b) Outline of the history of French literature up to 1500.

Prescribed book:

Decahors, *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 et Decahors, *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.

## 36. French III.

- (a) Free composition in French and translation from English into French.

Prescribed book:

Ritchie, *A new manual of French composition* (C.U.P.).

Reference books: As for French I and II.

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Balzac, *Eugénie Grandet*, ed. Allem (Garnier).Proust, *Combray*, ed. Germaine Brée (Harrap).Camus, *La Peste* (Gallimard, or Livre de poche).

- (c) Orals.

- (d) Literature: The nineteenth and twentieth centuries.

Questions for special study:

Term I: *Les grands thèmes de la poésie romantique*.Term II: *Le théâtre contemporain*.Term III: *Deux aspects du symbolisme: Verlaine et Rimbaud*.

Prescribed books:

Lagarde et Michard, *XIXe Siècle* and *XXe Siècle* (Paris, Bordas).

Reference books:

Thibaudet, A., *Histoire de la littérature française de 1789 à nos jours* (Stock).Saulnier, *La littérature française du siècle romantique* (Presses universitaires).Clouard, *Histoire de la littérature française du symbolisme à nos jours*, 2 vols. (Albin Michel).Bornecque, *La France et sa littérature*, tome II (Lyon, Editions I.A.C.).

- (e) Explication de textes.

Prescribed books:

Parmée, *Twelve French poets—1820 to 1900* (Longmans).Montherlant, *La reine morte* (Gallimard, or Livre de poche).Rimbaud, A., *Pages choisies* (Classiques Larousse).Micha, A., *Verlaine et les poètes symbolistes* (Classiques Larousse).

The Violet de Mole Prize, of the value of five guineas, 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.

## 38. Old and Middle French II.

- (a) Historical French grammar, i.e., phonetics, morphology, syntax.

Prescribed book:

Brunot et Bruneau, *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.

Prescribed books:

*La Chanson de Roland*, ed. Whitehead (Blackwell).*Le Mystère d'Adam*, ed. Studer (Manchester U.P.).*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).Robert Garnier, *Les Juives*, ed. Hervier (Paris, Garnier).

For reference:

Gougenheim, *Grammaire de la langue française due seizième siècle* (Lyon, I.A.C.).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

**39. French Language and Literature for the Honours Degree of B.A.**

Students will be required:

- (i) to pass in French I, French II, and French III, as prescribed for the Ordinary degree.
- (ii) to do additional Honours work in the second and third years;
- (iii) to pass in Old and Middle French I and II, as set out above;
- (iv) to devote the fourth year to Honours work in literature and philology.

Under (iv), the following texts are prescribed:

- Villon, *Ceuvres*, ed. Longnon-Foulet (Champion).  
 Rabelais, *Gargantua and Pantagruel*, 2 vols., ed. Plattard (Paris, Les Belles Lettres).  
 Montaigne, *Selected essays*, ed. Tilley-Boase (Manchester U.P.).

Under (ii) and (iv), three essays, to be written in French, will be set in each year on subjects drawn from the reading courses set out in the 1955 Calendar, pp. 563-565.

In their second, third and fourth years Honours students shall attend special weekly tutorials and perform the exercises there prescribed, these being mainly advanced *Exposés* and *Explications de textes* based both on the work for the Ordinary Degree and on the Honours reading lists (see 1955 Calendar, pp. 563-565). In this connexion, students should make themselves familiar with the following basic manuals:

- Dupouy, *Géographie des lettres françaises* (Colin).  
 Genest, *Dictionnaire des citations françaises* (Nathan); or  
 Guerlac, *Les citations françaises* (Colin).  
 Ousset, Vier et Guérin, *Recueil de pages françaises*, 5 vols. (Paris, Les Elites françaises).  
 Bouvier-Jourda, *Guide de l'étudiant en littérature française* (Presses universitaires).  
 Marouzeau, J., *Lexique de la terminologie linguistique* (Geuthner).  
 Curtius, *Essai sur la France* (Grasset).  
 Germain, *L'art de commenter (une tragédie, une épopée, etc. . . .)*, 7 vols. (Foucher).  
 Marouzeau, *Précis de stylistique française* (Masson).  
 Cressot, M., *Le style et ses techniques* (Presses universitaires).  
 Mornet, *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.

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*.

### GERMAN

#### 40. Science German.

There are two courses:

- (a) This course, open to members of staff, research students and all third and fourth year science students, 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.* A complete grammatical survey is made and for translation a large, varied selection of scientific texts is used. These are distributed during the course.

Text-books:

Buckley, R. W., *Essential German for science students* (U.L.P.).

de Vries, Louis, *German-English science dictionary* (McGraw-Hill).

- (b) This course is open to all who have previously attended the above course. It is also open to those members of the staff, research students and third and fourth year science students who have some previous knowledge of German.

Students will be asked to select German texts dealing with subjects in their own field. These will be translated in consultation with the lecturer. No additional text-book will be required. Students are asked to consult the lecturer as soon as possible about specialised dictionaries.

There are six courses in German for the degree of Bachelor of Arts. They are German IA, German I, German II, German III, Advanced German Language and Literature I and Advanced German Language and Literature II. The first four are available for the Ordinary degree. The latter two are for Honours candidates only. In German IA and I there are two pass standards: Division I and Division II.

Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German I until he has passed in German at the Leaving Examination. In order to take the course in German II a student must be placed in Division I at the examination in German IA or I.

Students are required to attend tutorial classes.

The *Deutscher Studentenverein* meets periodically throughout the academic year; the Goethe Society of South Australia meets on the third Wednesday of each month. Students are expected to attend these meetings.

## 41. German I.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

Kolisko, G., and Yuill, W., *Practice in German prose* (Macmillan).  
 Nicholson, J. A., *Parallel passages for German translation and composition* (Harrap).

- (b) Introduction to German life and culture.

Prescribed texts:

Hawgood, J. A., *The evolution of Germany* (Methuen).  
 Elkins, T. H., *Germany* (Christophers).  
 Rovau, J., *Germany* (Vista Books).  
 Schauer, H., and others, eds., *Aus Altdeutscher Zeit*, vols. 1 and 2 (Klett).

Students should also obtain:

Flenley, R., *Modern German history*, revised ed. (Dent).  
 Natan, A., *Neues Deutschland* (Macmillan).  
 Reinhardt, K. F., *Germany: 2000 years*, 2 vols. (Constable).

- (c) Introduction to German literature.

Prescribed texts:

Lessing, *Minna von Barnhelm* (Nelson).  
 Brentano, *Geschichte vom braven Kasperl* (Blackwell).  
 Keller, *Romeo und Julia auf dem Dorfe* (Harrap).  
 Hauptmann, *Bahnwärter Thiel* (Blackwell).  
 Mann, T., *Tonio Kröger* (Blackwell).  
 Huch, R., *Der letzte Sommer* (Harrap).  
*Moderne Dichtungen*, vol. 3A of *Deutsch für Ausländer* (Kessler).  
 Schulz, G., ed., *German verse* (Macmillan).

- (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. 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 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.

## 42. German IA.

This course is for those who have no knowledge of German; there are no pre-requisites. Its object is to reach the standard of German I in one year. Four hours are devoted weekly to study of the German language. There is one additional weekly lecture on German geography, institutions and cultural history. In the second and third terms this course of lectures deals with the history and criticism in English of German literature. During the third term students begin the study of the literary texts set for German I. The examination takes place in February at the time of the University supplementary examinations. This allows time for students to read intensively after they have mastered the language.

Prescribed texts:

- (a) Language:

Russon, L. J., *Complete German course* (Longman).  
*Rapid Course*, prepared by the Department of German and obtainable during Orientation Week.  
*Hie und Da*, ed. Ewing (Bell).  
*12 Erzählungen für Anfänger*, ed. Wilson (Bell).

- (b) Introduction to German life and culture:

See German I, (b).

- (c) Introduction to German literature:

See German I, (c).

## 43. German II.

- (a) Translation, prose composition and essay writing.

Prescribed texts:

See German I, (a).

- (b) The German
- Novelle*
- , 1780-1888.

Prescribed texts:

Goethe, *Novelle* (Insel).Kleist, *Three stories*, ed. Garland (Manchester U.P.).Tieck, *Der blonde Eckbert* (Blackwell).Eichendorff, *Das Marmorbild* (Reclam).Gothelf, *Die schwarze Spinne* (Blackwell).Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).Mörke, *Mozart auf der Reise nach Prag* (Harrap).Stifter, *Bergkristall* (Harrap or Insel).Grillparzer, *Der arme Spielmann* (Nelson).Keller, *Kleider machen Leute* (Harrap).*Die drei gerechten Kammacher* (Harrap).*Der Landvogt von Greifensee* (Blackwell).*Das Fähnlein der sieben Aufrechten* (Reclam).Storm, *In St. Jürgen* (Dent).*Renate* (Reclam).*Der Schimmelreiter* (Methuen).Meyer, *Das Amulett* (Bell).

Students should also obtain:

Bennett, E. K., *History of the German Novelle* (C.U.P.).

- (c) Studies in German Literature, 1800-1848.

Prescribed texts:

Novalis, *Hymnen an die Nacht* (Insel, 15).Kleist, *Über das Marionettentheater* (Insel, 481).*Das Käthchen von Heilbronn* (Reclam).*Prinz Friedrich von Homburg* (Harrap or Reclam).Hoffmann, E. T. A., *Das Fräulein von Scudery* (Harrap, Condor Lib.).Eichendorff, *Aus dem Leben eines Taugenichts* (Harrap).Grillparzer, *König Ottokars Glück und Ende* (Blackwell).Heine, *Die Harzreise* (Harrap).Büchner, *Dantons Tod* (M.U.P.).Killy, W., ed., *Zeichen der Zeit, ein deutsches Lesebuch*, vol. III *Das historische Jahrhundert* (Fischer Bücherei, No. 276).

- (d) 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. 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 Weimar-Ohlstrom Prize is awarded annually to the matriculated student or graduate who gains the highest place at the examination in German II. Rules governing the prize are in the appropriate section of this calendar.

## 45. German IIB.

## Advanced German Language and Literature I.

- (a) History of the German Language.

Recommended texts:

Priebisch and Collinson, *The German language* (Faber).Bloomfield, *Language* (Holt).Moser, *Deutsche Sprachgeschichte* (Schwab).Potter, *Language* (Pelican).

- (b) The German Novel in the Nineteenth Century.

Prescribed texts:

- Gotthelf, J., *Uli der Knecht* (any edition).  
 Keller, G., *Der grüne Heinrich* (any complete edition).  
 Raabe, W., *Pfisters Mühle* (Duckworth).  
 Fontane, T., *Effi Briest* (Knaur).  
 Freytag, G., *Soll und Haben* (any edition).  
 Mann, T., *Buddenbrooks* (Fischer, *Exempla Classica* No. 13)

## 46. German III.

- (a) Translation, prose composition and essay writing.

- (b) German Lyric Poetry from Luther to the present day.

Prescribed text:

An anthology will be issued by the Department.

Recommended texts:

- Praver, 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).

- (c) Studies in German Literature, 1760-1805.

- Lessing, *Emilia Galotti* (Blackwell or Harrap).  
 Herder, *Von deutscher Art und Kunst*, ed. Purdie (O.U.P.).  
 Leisewitz, *Julius von Tarent* (any edition).  
 Goethe, *Götz von Berlichingen* (Macmillan or Reclam).  
*Die Leiden des jungen Werthers* (Blackwell).  
*Iphigenie auf Tauris* (O.U.P. or Nelson).  
*Faust*, Pt. 1 (Harrap or Macmillan).  
 Schiller, *Die Räuber* (Harrap or Reclam).  
*Kabale und Liebe* (Blackwell).  
*Maria Stuart* (Macmillan).  
 Hölderlin, *Dichtung, Schriften, Briefe*, ed. Pierre Bertaux (Fischer Bückerei No. 184).  
 Mason, G. R., *From Gottsched to Hebbel* (Harrap).

- (d) At the end of the year candidates must pass an oral test. This is an integral part of the annual examination in German III in which performance throughout the year will be taken into account. Practice in conversation, pronunciation, intonation, etc., is given in regular tutorial classes. Attention is also drawn to the
- 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.

## 48. 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).  
 Herrand von Wildonie, *Vier Erzählungen*, ed. H. Fischer (Niemeyer).  
 Konrad von Würzburg, *Kleinere Dichtungen*, 3. Auflage, ed. E. Schröder (Weidmann, 3 vols.).  
 Hartman von Aue, *Der arme Heinrich*, ed. H. Paul (Niemeyer or Reclam).  
 Wernher Der Gartenaere, *Die Märe vom Helmbrecht*, 6. Auflage, ed. Fr. Panzer (Niemeyer).  
 Wright, J., *Middle High German primer* (Clarendon Press).

Recommended texts:

- Davis, H. W. C., *Medieval Europe*, 2nd ed. (O.U.P.).  
 Coulton, G. G., *The medieval scene* (Cambridge Paperback).

## (b) Goethe as lyric poet.

## Prescribed texts:

Goethe, *Poems*, ed. Boyd (Blackwell).

Gerlach, H. E., and Herrmann, O., eds., *Goethe erzählt sein Leben* (Fischer Bücherei no. 136).

Ancelet-Hustache, J., *Goethe* (Calder, Evergreen Profile Book 5).

## (c) Studies in the Drama.

## Prescribed texts:

*Das Donaueschinger Passionsspiel*. Copies will be issued by the Department.

*Das Redentiner Osterspiel (De Resurrectione)*. Altdeutsche Quellen, Heft 3, Deutscher Buch-Export und -Import G.m.b.H. Leipzig, reprint in 1963.

Sachs, *Das Heisseisen* (Reclams Universalbibliothek).

*Der fahrende Schüler im Paradies* (Reclams Universalbibliothek).

N.B.—Both plays are in the same volume: Reclam 7627.

Bidermann, *Cenodoxus*, (Neudrucke deutscher Literaturwerke, Neue Folge, Nr. 6).

Gryphius, *Carolus Stuardus* (Leicester Publications Board, University of Leicester).

Kleist, *Der zerbrochene Krug* (Macmillan).

Schiller, *Wallensteins Tod* (Blackwell).

N.B.—This edition also includes *Wallensteins Lager* and *Die Piccolomini*.

Goethe, *Faust II*—selections (Heath).

## 49. German for the Honours Degree of B.A.

Candidates for the Honours degree in German must:

- i. pass in German IA or I, German II and German III;
- ii. do additional Honours work in the second and third years;
- iii. pass in Advanced German Language and Literature I and II (German IIB and IIIB);
- iv. devote the fourth year to Honours work in literature and philology.

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:

Gottfried von Strassburg, *Tristan*, ed. A. Closs (Blackwell).

*Das Nibelungenlied*, ed. H. de Boor (Brockhaus, Wiesbaden).

Wolfram von Eschenbach, *Parzival*, ed. A. Leitzmann (Niemeyer).

*Des Minnesangs Frühling*. Texts will be issued by the Department.

*Das Anno-Lied*, ed. M. Opitz/W. Bulst (Heidelberg).

## (b) Advanced translation, prose composition and essay writing.

## (c) Studies in the Drama.

See 48 (c).

## (d) Candidates must pass an oral examination.

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 as soon as possible.

## Special Language Examination for the Honours Degree of B.A.

## 55. 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 normal 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 will be 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 will normally be of two hours' duration and will take the form of translation exercises from the foreign language into English or comprehension exercises to be answered in English, or both, at the discretion of the examiner. The use of a dictionary will be allowed.

The examination will be based on texts related to the candidate's field of study. The standard of difficulty will be approximately equal to that of the unseen texts set in first-year language examinations for the Ordinary Degree of Bachelor of Arts.

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**HISTORY.**

There are seven courses. A student proceeding to a degree must pass in History I (A or B or C) or Politics I before he may take History IIA; in History I (A or B or C) or Politics I or Economics I or Social Economics before he may take History IIB; and in History II (A or B) before he may take History III (A or B).

History IA, B and C are alternative courses available to all students, but those intending only one course in History should not take History IA. Candidates for the Diploma of Social Studies are recommended to take History IB and Law students are recommended to take History IC.

## 50. History IA.

Europe from the sixteenth to the eighteenth centuries.

No pre-requisite subject.

A first-year course; not available to exempted students.

Reading lists for 1963 will be available from the department of History.

(This course will not include the study of the French revolution.)

## 51. 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.

A study of economic and social changes in Britain since the end of the eighteenth century, with some Australian comparisons.

Preliminary reading:

Gregg, Pauline, *A social and economic history of Britain, 1760-1950.*

Trevelyan, G. M., *English social history.*

Some useful books:

Ashton, T. S., *The industrial revolution, 1760-1830.*

Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents.*

Briggs, A., *The age of improvement.*

Cole, G. D. H., *Introduction to economic history.*

- 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.*  
 Hall, M. Penelope, *The social services of modern England.*  
 Mowat, C. L., *Britain between the wars 1918-1940.*  
 Sampson, A., *Anatomy of Britain.*  
 Shann, E., *An economic history of Australia.*  
 Thomson, D., *England in the nineteenth century: 1815-1914* (Penguin).  
 Woodroffe, K., *From charity to social work.*

## 52. History IC.

### British History.

No pre-requisite subject.

The course is open to Arts students as an alternative to History IA and IB, and is also of special interest to Law students; it is not available to exempted students; and may serve as a pre-requisite for History IIA or IIB.

A study of the general and constitutional history of Britain from the middle ages to present times.

#### Books:

There is no prescribed text-book, but the following will serve as a basis for the whole course:

#### (a) General:

the following volumes of *The Pelican History of England*:

- Myers, A. R., *England in the late middle ages.*  
 Bindoff, S. T., *Tudor England.*  
 Ashley, M., *England in the seventeenth century.*  
 Plumb, J. H., *England in the eighteenth century.*  
 Thomson, D., *England in the nineteenth century.*  
 Trevelyan, G. M., *English social history* (Longmans).

#### (b) Constitutional:

- Keir, D. L., *The constitutional history of modern Britain; or*  
 Taswell-Langmead, T. P., *English constitutional history.*

#### (c) Documents:

- Stephenson, Carl, and Marcham, F. G., *Sources of English constitutional history.*  
 Costin, W. C., and Watson, J. S., *The law and working of the constitution: documents, 1660-1914.*

## 53. History IIA.

Europe from the French Revolution to the present day.

Pre-requisite: History I (A or B or C) or Politics I; available to exempted students.

The course has two parts: general history, for which some reading is suggested below, and a special subject, to be chosen from alternative topics and reading lists which will be issued from time to time.

#### Preliminary reading:

- Goodwin, A., *The French revolution.*  
 Ergang, R., *Europe since Waterloo.*  
 Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict.*

A good general history book:

- Thomson, D., *Europe since Napoleon.*

## Other useful books:

- Langer, W. (ed.), series *The rise of modern Europe*:  
 Artz, F. B., *Reaction and revolution, 1814-32*.  
 Binkley, R. C., *Realism and nationalism, 1852-71*.  
 Hayes, C. J. H., *A generation of materialism, 1871-1900*.  
 Morazé, C., and Wolff, P., *L'Époque contemporaine*.  
 Briggs, A., *The age of improvement*.  
 Bury, J. P. T., *France, 1815-1940*.  
 Clapham, J. H., *Economic development of France and Germany*.  
 Cobban, A., *History of modern France 1799-1945* (Pelican).  
 Cole, G. D. H., *Introduction to economic history*.  
 Fisher, H. A. L., *Napoleon*.  
 Florinski, M. T., *Fascism and national socialism*.  
 Geyl, P., *Napoleon—for and against*.  
 Gershoy, L., *The era of the French revolution, 1789-1799*.  
 Hill, C., *Lenin and the Russian Revolution*.  
 Halévy, E., *History of the English people in the nineteenth century*.  
 Hughes, H. Stuart, *Consciousness and society*.  
 Lewis, W. A., *Economic survey, 1919-39*.  
 Michels, R., *Political parties*.  
 Pascal, R., *The growth of modern Germany*.  
 Robinson, J. H., and Beard, C. A. (eds.), *Readings in modern European history*.  
 Scheele, G., *The Weimar Republic*.  
 Schumpeter, J. A., *Capitalism, socialism and democracy*.  
 Seton-Watson, H., *The decline of Imperial Russia*.  
 Sprigge, C. J. S., *The development of modern Italy*.  
 Steed, W., *The Hapsburg monarchy*.  
 Taylor, A. J. P., *The struggle for mastery in Europe*.  
 Taylor, A. J. P., *The origins of the second world war*.  
 Thomson, D., *Democracy in France*.  
 Thomson, D., *England in the nineteenth century*.  
 Utley, T. G., and Maclure, J. S. (eds.), *Documents of modern political thought*.

## 54. History IIB.

## British Economic History.

Pre-requisite: History I (A or B or C) 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.  
 Lipson, E., *The economic history of England*, Vols. II and III, *The age of mercantilism*.  
*The Cambridge History of the British Empire*, Vol. I, *The old regime from the beginning to 1783* (relevant sections).

## 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.*  
 Furber, H., *John Company at work—a study of European expansion in India in the late eighteenth century.*  
 George, M. D., *England in transition.*  
 Halévy, E., *A history of the English people in 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.*  
 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.*  
 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.*

#### 55. Special Language.

See under Modern Languages—following Syllabus Number 49.

#### 56. History IIIA.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

The course has two parts: a general study of nation-building outside Europe in the nineteenth and twentieth centuries; and a special subject.

Special subjects include, among others: Australia; Modern China; Modern India and Pakistan; the expansion of the European economy in the nineteenth and twentieth centuries. (Students who choose the special subject "the expansion of the European economy" will attend the general course of lectures during first term only, and a course of lectures in their special subject during the second and third terms.)

Reading lists for 1963 will be available from the department of History.

#### 57. History IIIB.

##### American History.

##### A History of the United States of America.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

Preliminary reading:

Nye, R. B., and Morpurgo, J. E., *History of the United States* (Pelican).

Allen, H. C., and Hill, C. P. (eds.), *British essays in American history* (Arnold).

Thistlewaite, F., *The great experiment* (C.U.P.).

Morris, R. B., *Basic documents in American history* (Anvil).

Students should have:

Staff, Social Science I, The College of the University of Chicago (eds.), *The people shall judge. Readings in the formation of American policy*, Vols. 1 and 2 (University of Chicago Press).

## Other useful books:

- Manning, T. G., and Potter, D. M., *Select problems in historical interpretation*, Vols. 1 and 2 (Holt).
- Commager, H. S., *Documents of American history, 1492-1949* (Appleton-Century-Crofts).
- Hacker, L. M., and Zahler, H., *The shaping of the American tradition*, Vols. 1 and 2 (Columbia U.P.).
- Craven, A., Johnson, W., and Dunn, F. R., *A documentary history of the American people* (Ginn).
- Birley, R., *Speeches and documents in American history*, Vols. 1-4 (O.U.P.).
- Department of American Studies, Amherst College (eds.), *Problems in American civilisation. Selected readings* (Heath).
- U.S. Bureau of the Census, *Historical statistics of the United States, 1789-1957* (U.S. Government Printing Office).
- Morison, S. E., and Commager, H. S., *Growth of the American republic*, Vols. 1 and 2 (O.U.P.).
- Beard, C. A. and Mary R., *The rise of American civilisation* (Macmillan).
- Turner, F. J., *Frontier and section* (Prentice-Hall).
- Hacker, L. M., and Kendrick, B. B., *The United States since 1865* (Appleton-Century-Crofts).
- Brogan, D. W., *An introduction to American politics* (Hamish Hamilton).
- Bailey, T. A., *Diplomatic history of the United States* (Appleton-Century-Crofts).
- Kennan, G. F., *American diplomacy, 1900-1950* (Secker and Warburg).
- Lynch, D., *The concentration of economic power* (Columbia U.P.).
- Hofstadter, R., *The age of reform: from Bryan to F.D.R.* (Knopf).
- Schlesinger, A. M., *The age of Roosevelt*, 3 vols. (Houghton Mifflin).
- Higham, J., *The reconstruction of American history* (Hutchinson).

## 59. History 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:

- (a) To pass in eight courses as prescribed for the ordinary degree of B.A. and as approved by the department of History; (Approval will always be given to courses that include History I (A or B or C), History II (A or B), History IIIA, another third-year course and not more than four first-year courses);
- (b) to undertake such honours work as may be required in connection with some of these courses;
- (c) to be able to translate from a foreign language approved by the Faculty;
- (d) to undertake a fourth year of honours work, including tutorial discussions, written examinations, and the writing of a thesis.

## History for the Degree of M.A.

Candidates for the degree of M.A. in History should consult the Professor.

## POLITICS.

Five courses are offered in this Department: Politics I, IIA, IIB, IIIA, and IIIB. The course in Politics I (The Modern Democratic State) was listed formerly as Politics II, and that in IIB (Public Administration) was previously Politics IIIA. Students who have already commenced their courses will be allowed to complete their sequences under the old Regulations, and for this purpose count what is now Politics I as a second-year course, and Politics IIB as a third-year course.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II (A or B) is taken; Politics II (A or B) completed before Politics IIIA is taken; and Politics II (A or B) or History IIA before Politics IIIB is taken. Students are strongly recommended to complete History IIA before taking Politics IIIB, and to note carefully, therefore, the pre-requisites for History IIA.

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.

N.B.—The course in Politics IIB (Public Administration) will NOT be offered in 1963.

## 61. Politics I.

### The Modern Democratic State.

No pre-requisite.

A first-year course; available to external students. (Can be counted as a second-year course by students completing their sequences under the old regulations.)

Two terms are devoted to an analysis of the institutions and political processes which are characteristic of modern parliamentary democracies. Attention is directed mainly to the principles and general features of the British and Australian constitutions, but some reference is also made to the U.S.A. and other countries. A term is spent examining basic democratic beliefs and assumptions.

#### Preliminary reading:

- Chrimes, S. B., *English constitutional history* (H.U.L.), or preferably Marcham, F. G., *A constitutional history of modern England, 1485 to the present* (Harper).  
 Harrison, W., *The government of Great Britain* (Hutchinson).  
 Sawyer, G., *Australian government today* (M.U.P.).  
 Joad, C. E. M., *The principles of parliamentary democracy* (Forum Books).  
 Hetherington, R., and Reid, R. L., *The South Australian elections, 1959* (Rigby).

#### Students need:

- Rorke, J., (ed.), *Aspects of Australian government* (Platypus Pamphlet).  
 Pickles, D. M., *Introduction to politics* (Sylvan Press).  
 Miller, J. D. B., *Australian government and politics* (Duckworth).  
 Mill, J. S., *On liberty* (Everyman).  
 Marx, K., and Engels, F., *The Communist manifesto* (Foreign Languages Publishing House, Moscow).

Detailed reading references are issued during the year. The following are useful books:

- Lindsay, A. D., *The essentials of democracy* (O.U.P.).  
 Wheare, K. C., *Modern constitutions* (H.U.L.).  
 Marcham, F. G., *A constitutional history of modern England, 1485 to the present* (Harper).  
 Jennings, Sir W. I., *Parliament* (C.U.P.).  
 Mackintosh, J. P., *The British cabinet* (Stevens).  
 Jennings, Sir W. I., *Cabinet government* (C.U.P.).  
 Taylor, E., *The House of Commons at work* (Pelican).  
 Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).  
 Davis, S. R. (ed.), *The government of the Australian states* (Longmans).  
 Bassett, R., *The essentials of parliamentary democracy* (Macmillan).  
 Durbin, E. F. M., *The politics of democratic socialism* (Routledge).  
 Lipson, L., *The great issues of politics* (Prentice-Hall).  
 Laski, H. J., *Introduction to politics* (Allen and Unwin).  
 Laski, H. J., *A grammar of politics* (Allen and Unwin).  
 Barker, E., *Reflections on government* (O.U.P.).  
 Tawney, R. H., *Equality* (Allen and Unwin).

- Utley, T. E., and McClure, J. S. (eds.), *Documents of modern political thought* (C.U.P.).  
 Lippmann, W., *Public opinion* (Macmillan).  
 Williams, F., *Dangerous estate* (Grey Arrow).  
 Neumann, S. (ed.), *Modern political parties* (Chicago U.P.).  
 McKenzie, R. T., *British political parties* (Heinemann).  
 Overacker, L., *The Australian party system* (O.U.P.).  
 Finer, H., *The theory and practice of modern government* (Holt).  
 Truman, T., *Catholic action and politics* (Georgian House).  
 Jennings, Sir W. I., *Party politics*, 3 volumes (Cambridge).

### 63. Politics IIA.

#### Comparative Government.

Pre-requisite subject: Politics I.

A second-year course; available to exempted students.

This course will be concerned with the comparative study of certain political institutions and problems, with examples drawn mainly from Russian and American government, but including references to Canadian, French and German systems. Some of the questions it is hoped to consider are: the setting in which political decisions are made, particularly federalism and problems of federal government; the makers of decisions—elites; the procedures of politics; practical politics, parties and pressure groups; the performance of the system under consideration.

#### Preliminary reading:

- Sumner, B. H., *Survey of Russian history* (University Paperback).  
 Potter, A. M., *American government and politics* (Faber paper covered editions).

#### Students should procure:

- Brogan, D., *An introduction to American politics* (Hamish Hamilton).  
 Scott, D. J. R., *Russian political institutions* (Allen and Unwin).  
 Rigby, T. H., and Churchward, L. G., *Policy making in the U.S.S.R., 1953-1961* (Lansdowne).

#### Other useful books:

- Fainsod, M., *How Russia is ruled* (Harvard).  
 Hamilton, Madison and Jay, *The Federalist* (Blackwell).  
 Wheare, K. C., *Federal government* (O.U.P.).  
 Duverger, M., *Political parties* (Methuen).  
 Carew Hunt, R. N., *The theory and practice of Communism* (Bles).  
 Truman, D., *The governmental process* (Knopf).  
 McClosky, H., and Turner, J. E., *The Soviet dictatorship* (McGraw Hill).  
 Rostow, W. W., *The dynamics of Soviet society* (Mentor).  
 Report, *Royal Commission on dominion-provincial relations* (Government Printer, Ottawa).  
 Key, V. O., *Politics, parties and pressure groups* (Crowell).  
 Schapiro, L., *The Communist party of the Soviet Union* (Eyre and Spottiswoode).  
 Ferguson, J. H., and McHenry, D. E., *The American system of government* (McGraw Hill).  
 Brady, A., *Democracy in the dominions* (Toronto U.P.).  
 Chapman, Brian, *The profession of government* (Allen and Unwin).  
 Neumann, S. (ed.), *Modern political parties* (Chicago U.P.).  
 Strauss, E., *The ruling servants* (Allen and Unwin).  
 White, T. H., *The making of the president, 1960* (Cape).  
 Jewell, M. E., *The state legislature* (Random House).

### 64. Politics IIB.

#### Public Administration.

(This course will not be offered in 1963.)

Pre-requisite subject: Politics I.

A second-year course; not available to exempted students.

A third-year course only for those completing their sequences under the old regulations.

This course will be concerned with bureaucracy in industrial societies. Particular attention will be paid to public bureaucracies in the United Kingdom, U.S.A. and Australia. It will include studies of:

- (i) Bureaucracy: its social implications.
- (ii) Administrative theory: the structure of large scale organisations, group behaviour, co-ordination, communication and control.
- (iii) The Public Service: its structure, functions and its problems; the relations of administrative units with other organs of government and with the public.
- (iv) Administrative problems in the federal system of government.
- (v) Public enterprise and public control.
- (vi) Local government.

Preliminary reading:

- Finer, S. E., *A primer of public administration* (Muller).  
Blair, Leo, *The Commonwealth public service* (M.U.P.).

Essential references:

- Spann, R. N. (ed.), *Public administration in Australia* (Government Printer, Sydney).  
Miller, J. D. B., *Australian government and politics* (Duckworth).  
Davis, S. R. (ed.), *The government of the Australian states* (Longmans).  
Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).  
Whyte, William H., *The organisation man* (Pelican).  
*Report of the committee of enquiry on public service recruitment* (Boyer Committee) (Government Printer, Canberra).

Useful references:

- Dinnock, M. E., *Administrative vitality* (Routledge).  
Merton, R. K., *Reader in bureaucracy* (Free Press).  
Marx, F. M., *The administrative state* (Chicago U.P.).  
Parker, R. S., *Public service recruitment in Australia* (M.U.P.).  
Davies, A. F., *Australian democracy* (Longmans).  
Utley, T. E., *Occasion for Ombudsman* (Christopher Johnson).  
Chapman, Brian, *The profession of government* (Allen and Unwin).  
Strauss, E., *The ruling servants* (Allen and Unwin).  
Marshall, G., and Moodie G. S., *Some problems of the constitution* (Hutchinson).  
Beer, S. H., *Treasury control* (O.U.P.).  
Marcham, F. G., *A constitutional history of modern England, 1485 to the present* (Harper).  
Gerth, H. H., and Mills, C. (eds.), *From Max Weber, Essays in sociology* (Routledge).  
Marx, F. M. (ed.), *Elements of public administration*, 2nd edition (Prentice-Hall).

Students will be referred to a wide range of official publications.

## 66. Politics IIIA.

### Political and Social Theory.

Pre-requisite subject: Politics IIA or IIB.

A third-year course; not available to exempted students.

This course will be devoted to:

- (i) Political ideas since the French Revolution, with special reference to the role of the State in democratic and totalitarian ideologies;
- (ii) Political sociology: a study of class and social structure; leadership and the notion of elites; the relation of party to class and elites, and the principles underlying party systems; the political significance of voluntary associations; the forces making for social change and the criteria of social progress;
- (iii) Political theory: the nature of political principles; the scope and function of theory in systematic politics; the analysis of such concepts as power, authority, sovereignty, justice and political obligation.

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:

- Watkins, F. M., *The political tradition of the West* (Harvard).  
 Hallowell, J. H., *Main currents in modern political thought* (Holt).  
 Burns, E. MacN., *Ideas in conflict* (Norton).  
 Spitz, D., *Patterns of anti-democratic thought* (Macmillan).  
 Hartz, L., *The liberal tradition in America* (Harcourt Brace).  
 Barker, E., *Political thought in England, 1848-1914* (H.U.L.).  
 Frankel, C., *The case for modern man* (Macmillan).  
 Bowle, J., *Politics and opinion in the 19th century* (Cape).  
 Ginsberg, M. (ed.), *Law and opinion in England in the 20th century* (Stevens).  
 Plamenatz, J., *German marxism and Russian communism* (Longmans).  
 Barbu, Z., *Democracy and dictatorship* (Routledge).  
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and autocracy* (Harvard).  
 Shils, E., *The torment of secrecy* (Heinemann).  
 Horn, R. A., *Groups and the constitution* (Stanford).  
 Marshall, T. H., *Citizenship and social class* (C.U.P.).  
 Cole, G. D. H., *Studies in class structure* (Routledge).  
 Bendix, R., and Lipset, S. M. (eds.), *Class, status and power* (Routledge).  
 Reissmann, L., *Class in American society* (Routledge).  
 Lipset, S. M., *Political man* (Heinemann).  
 Lipset, S. M., and Bendix, R., *Social mobility in industrial society* (Heinemann).  
 Dahrendorf, R., *Class and class conflict in industrial society*.  
 Mosca, G., *The ruling class* (McGraw-Hill).  
 Meisel, J. H., *The myth of the ruling class* (Michigan U.P.).  
 Burnham, J., *The managerial revolution* (Putman).  
 Mills, C. W., *The power elite* (O.U.P.).  
 Lipset, S. M., et al., *Union democracy* (Free Press).  
 Ostrogorski, M., *Democracy and the organisation of political parties* (Macmillan).  
 Michels, R., *Political parties* (Free Press).  
 Duverger, M., *Political parties* (Methuen).  
 McKenzie, R. T., *British political parties* (Heinemann).  
 Hobhouse, L. T., *Social development* (Allen and Unwin).  
 Hobhouse, L. T., *The elements of social justice* (Allen and Unwin).  
 Mabbott, J. D., *The state and the citizen* (Hutchinson).  
 Barker, E., *Principles of social and political theory* (O.U.P.).  
 Bann, S. I., and Peters, R. S., *Social principles and the democratic state* (Allen and Unwin).  
 Hacker, A., *Political theory: philosophy, ideology, science* (Macmillan).  
 Crick, B., *In defence of politics* (Weidenfeld and Nicolson).  
 Miller, J. D. B., *The nature of politics* (Duckworth).

## 67. Politics IIB.

## International Relations.

Pre-requisite subject: Politics IIA or IIB or History IIA. A third-year course; not available to exempted students. The course is divided into two sections which will be examined separately.

- (i) The structure of contemporary international society: an analytical inquiry into the nature and workings of the modern multi-state system. The focus is primarily on the various facets of foreign policy and its institutional framework.
- (ii) Current issues of international politics: a consideration of some of the principal contentious issues in the field of inter-state relations.

## Preliminary reading:

- Carr, E. H., *International relations between the two world wars* (Macmillan).  
 Kennan, G., *Russia and the west under Lenin and Stalin* (Hutchinson).  
 Smith, G. Connell-, *Pattern of the post-war world* (Penguin).  
 Seton-Watson, H., *Neither war nor peace* (Methuen).  
 Herz, J. H., *International politics in the atomic age* (Columbia).

## Useful reading:

- Carr, E. H., *The twenty years' crisis* (Macmillan).  
 Manning, C. A. W., *The nature of international society* (Bell).  
 Wight, M., *Power politics* (R.I.I.A.).  
 Morgenthau, H., *Politics among nations* (Knopf).  
 Hartmann, F. H., *The relations of nations* (Macmillan).  
 Waltz, K. N., *Man, the state and war* (O.U.P.).  
 Niebuhr, R., *Moral man in immoral society* (Scribner).  
 Brierly, J. L., *The law of nations* (O.U.P.).  
 Nicolson, H., *Diplomacy* (H.U.L.).  
 Panikkar, K. M., *Principles and practice of diplomacy* (Asia Publishing House).  
 Kedourie, E., *Nationalism* (Hutchinson).  
 Macridis, R. C. (ed.), *Foreign policy in world politics* (Prentice-Hall).  
 Kennan, G. F., *Russia, the atom and the west* (O.U.P.).  
 Hart, B. H. Liddell, *Deterrent or defence* (Stevens).  
 Osgood, R. E., *Limited war* (University of Chicago Press).  
 Brzezinski, Z. K., *The Soviet bloc* (Harvard U.P.).  
 Bull, H., *The control of the arms race* (Weidenfeld and Nicolson).  
 Nicholas, H. G., *The United Nations as a political institution* (O.U.P.).  
 Harper, N., and Sisson, D., *Australia and the United Nations* (Manhattan Publishing Co.).  
 Levi, W., *Australia's outlook on Asia* (Angus and Robertson).  
 Miller, J. D. B., *The Commonwealth in the world* (Duckworth).

## 69. Politics for the Honours Degree of B.A.

Students who wish to take an honours course in Politics will be required:

- (a) To pass in Politics I, Politics II (A or B), Politics IIIA and Politics IIIB, as prescribed for the Ordinary degree;
- (b) To attend such tutorial groups as are arranged in connection with these courses;
- (c) To pass in Social Economics (or Economics I), History IIA and in two other courses as prescribed for the Ordinary degree of B.A.;
- (d) To be able to translate from French, German or Italian;
- (e) To spend the fourth year on special honours work (including seminar discussions and the writing of a thesis) to be arranged after consultation with the Professor.

Students intending to take honours are requested to interview the Professor as soon as possible, and not later than the beginning of lectures in their second year.

## 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.

## PHILOSOPHY

There are four courses in Philosophy for the ordinary degree of Bachelor of Arts. A pass in Philosophy I is necessary before a student can take Philosophy II, and a pass in Philosophy II is necessary before a student can take Philosophy IIIA or Philosophy IIIB.

## 71. 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:

- Hospers, J., *Introduction to philosophical analysis* (Routledge and Kegan Paul).  
 Ayer, A. J., *The problem of knowledge* (Pelican).  
 Copi, I. M., *Introduction to logic*, 2nd edition (Macmillan).  
 Descartes, *Philosophical writings*, translated by Anscombe and Geach (Nelson).

## 73. Philosophy II.

The course of lectures is given every year and is completed in one year. It is concerned with general philosophy, including logic, leading on from the first-year course.

## Books:

- Locke, *Essay concerning human understanding* (Everyman).  
 Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).  
 Hume, *Treatise of human nature*, Book I (Everyman).  
 Nowell-Smith, P. H., *Ethics* (Pelican).  
 Prior, A. N., *Formal logic*, 2nd edition (O.U.P.).

## 76. Philosophy IIIA.

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., *Methods of logic*, 2nd edition (Allen and Unwin).  
 Quine, W. V., *From a logical point of view* (Harvard).  
 Ryle, G., *The concept of mind* (Hutchinson).  
 Wittgenstein, L., *The blue and brown books* (Blackwell).  
 Passmore, J., *Philosophical reasoning* (Duckworth).  
 Strawson, P. F., *Individuals* (Methuen).

## 77. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. It is concerned with ethics, philosophy of religion and Greek philosophy. Subjects of examination will be the topics discussed in the following books:

- Hume, *Treatise of human nature*, Books II and III (Everyman).  
 Plato, *Theaetetus*, translated by M. J. Levett (Jackson).  
 Aristotle, *Nicomachean ethics*, translated by Sir David Ross (Oxford, World's Classics).  
 Aquinas, St. Thomas, *Summa theologica*, Vol. I (Burns, Oates and Washbourne).  
 Hume, *Dialogues concerning natural religion* (Blackwood).  
 Hare, R. M., *The language of morals* (O.U.P.).

## 79. 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).  
 Barker, S. F., *Induction and hypothesis* (Cornell).  
 Wisdom, John, *Other minds* (Blackwell).  
 Brandt, R. B., *Ethical theory* (Prentice-Hall).  
 Quine, W. V., *Word and object* (Technology Press, M.I.T., and Wiley).  
 Wittgenstein, L., *Philosophical investigations* (Blackwell).

## 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.

## PSYCHOLOGY.

There are six courses in Psychology for the degree of Bachelor of Arts. All students intending to take more than one course in Psychology must see the Professor.

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 without the addition of courses of laboratory work and psychological statistics. 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. Except with special permission to be obtained in writing from the Registrar, no candidate may enrol for Psychology IIA or IIB until he has passed Psychology I, or Psychology IA plus courses in laboratory work and psychometrics, or for Psychology IIIA or IIIB until he has passed in either Psychology IIA or IIB.

### 81. Psychology I.

This course is identical with that given for Psychology IA with the exception that the essay and tutorial requirement is replaced by a laboratory course. This laboratory course of two hours a week is essential for those who intend to take more than one year of Psychology.

Laboratory classes: practical experience of laboratory work; experimental design; statistics as applied to psychological observations.

Preliminary reading:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).  
Drever, J., *A dictionary of psychology* (Penguin).

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 4th edition (Houghton Mifflin); or  
Morgan, C. T., *Introduction to psychology*, 2nd edition (McGraw-Hill).  
Hebb, D. O., *A text-book of psychology* (Saunders).  
Harper, R. S., *Introductory psychology* (Allyn and Bacon). As this book is a little more sophisticated than either Morgan or Munn it may be useful for those students who wish to take psychology on after their first year.

### 82. Psychology IA.

The course comprises two lectures and one tutorial a week, and two substantial essay requirements. In addition, students will be required to spend periods not exceeding a total of five hours for the year as participants in psychological experiments.

This course is intended to give an introductory survey of the main topics of modern experimental psychology. Psychology will be treated as a biological science and emphasis will be given to problems of methodology.

The topics will cover: the organization of the nervous system; receptor and effector mechanisms; learning, perception and motivation; maturation and individual differences; thinking and emotion.

Preliminary reading:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).  
Drever, J., *A dictionary of psychology* (Penguin).

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 4th edition (Houghton Mifflin); or  
Morgan, C. T., *Introduction to psychology*, 2nd edition (McGraw-Hill);  
Hebb, D. O., *A text-book of psychology* (Saunders).  
Useful extra—Harper, R. S., *Introductory psychology* (Allyn and Bacon).

Special Note.—Extensions for written work to be submitted in Psychology I and IA will only be given in those cases where a request in writing is accompanied by a medical certificate.

### 83. Psychology IIA.

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 designed to provide a more intensive study of the fundamental psychological processes and an introduction to third-year work on general and experimental psychology. The topics covered include learning, perception, thinking and remembering, motivation and emotion. Emphasis will be placed on

contemporary behaviour theories in relating the functioning of psychological processes to the behaviour of the organism as a whole. A section of the course will deal with Comparative Psychology.

Basic reading:

- Hebb, D. O., *The organisation of behaviour* (Wiley).  
 Hilgard, E. R., *Theories of learning*, 2nd edition (Methuen).  
 Hilgard, E. R., Marquis, D. G., and Kimble, G. A., *Conditioning and learning*, 2nd edition (Methuen).  
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).  
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).  
 Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).  
 Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Methuen).

#### 84. Psychology IIB.

##### Developmental Psychology.

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 nonparametric 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.

Text-books:

- Goodenough, F. L., and Tyler, L. E., *Developmental psychology*, 3rd edition (Appleton-Century-Crofts).  
 Pressey, S. L., and Kuhley, R. G., *Psychological development through the life span* (Harper).  
 Zubek, J. P., and Solberg, P. A., *Human development* (McGraw-Hill).

Reference books:

- Carmichael, L. (ed.), *Manual of child psychology*, 2nd edition (Wiley).  
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).  
 Hurlock, E. B., *Developmental psychology*, 2nd edition (McGraw-Hill).  
 Piaget, J., *Logic and psychology* (Manchester U.P.).  
 Piaget, J., *The psychology of intelligence* (Routledge and Kegan Paul).  
 Piaget, J., and Inhelder, B., *The child's conception of space* (Routledge and Kegan Paul).  
 Tanner, J. M., and Inhelder, B. (ed.), *Discussions on child development*, volumes 1 to 4 (Tavistock Publications).  
 Thomson, R., *The psychology of thinking* (Pelican).

#### 86. Psychology IIIA.

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week concerned with design and analysis of experiments, field studies, etc. The course includes analysis of variance and factor analysis in addition to further consideration of previously studied parametric and non-parametric techniques; (iii) practical: an average of six hours a week devoted to experiments, psychological assessments and clinical work in relation to the main content of the course. As part of the practical work, students will be required to complete a minor research project on a psychological problem.

This course will be organized around the themes of personality, and experimentally based theories of normal and abnormal behaviour, with special reference to three fields of study:

- (a) Experimental and Comparative Psychology: laboratory study of basic psychological processes; investigations of animal behaviour with particular reference to the relevance of such studies for an understanding of human behaviour, both normal and abnormal.
- (b) Personality study: theories of personality and methods of assessment, including experimentally based laboratory procedures.
- (c) Abnormal Psychology: classification and theories of behaviour disorders; mental deficiency; problems of assessment and therapy.

Basic reading:

- Hebb, D. O., *The organisation of behaviour* (Wiley).  
 Pavlov, I.P., *Lectures on conditional reflexes* (Lawrence, Wishart).  
 Stevens, S. S., *Handbook of experimental psychology* (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.).  
 Eysenck, H. J., *Dynamics of anxiety and hysteria* (Kegan Paul).  
 Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).

### 87. Psychology IIIB.

#### (Social psychology)

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Statistics: one lecture a week concerned with design and analysis of experiments, field studies, etc. The course includes analysis of variance and factor analytic technique in addition to further consideration of previously studied parametric and non-parametric techniques; (iii) Laboratory and field studies: an average of six hours a week in first and second terms.

The course covers theory and method in social psychology and in closely related fields. Topics include: the development and disintegration of groups, group structure and its effects on group and individual behaviour, cohesiveness, power, communication, social perception, norms, and roles. The third term's theory lectures are concerned with an analysis of general theoretical systems.

Preliminary reading:

- Sprott, W. J. H., *Human groups* (Pelican).  
 Argyle, J. M., *The scientific study of social behaviour* (Methuen).

Reference books:

- Lindzey, G. (ed.), *Handbook of social psychology*, Vols. 1 and 2 (Addison-Wesley).  
 Festinger and Katz (eds.), *Research methods in the behavioural sciences* (Dryden).

### 89. Psychology for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor of Psychology before beginning their second year's work. They will be required:

- (a) To pass in Psychology I, IIA, IIB, IIIA, IIIB; courses I and II in another subject for the Ordinary degree; and one additional course. A candidate who does not present course I in a language other than English as one of the three elective courses must pass an examination in such a language approved by the Faculty.
- (b) 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 313, 316, and 319. (See under Faculty of Science.)

## GEOGRAPHY.

There are three courses in this school: Geography I, Geography II, and Geography III. Each course is completed in one year and is given every year. In Geography I there will be two pass standards, a higher and a lower.

No student proceeding to a degree may, without special permission, take the course in Geography II until he has passed in the final examination in Geography I at the higher standard, or the course in Geography III until he has passed the final examination in Geography II. Those students proceeding to the Ordinary degree of B.A. who intend to take all three courses in Geography are strongly recommended to take the course in Geology I or Biology as their science subject.

There is also a one-year course, of first-year standard, in Economic Geography, which may not be counted in addition to Geography I and does not qualify for admission to the class in Geography II. It is a compulsory course for students proceeding to the Honours degree of Bachelor of Arts in the School of Economics, and it is recommended for Economics students who wish to present only one course in Geography as part of their plan of study for the Ordinary degree of Bachelor of Economics.

Certain candidates for the degree of B.Sc. may enrol for Geography IIC—Climatology, which forms a part only of Geography II. Geography IIC is not available as a subject for the degree of B.A.

## 91. 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.

**PRACTICAL WORK:** Interpretation of topographic maps; preparation of selected graphs and diagrams. At least two field excursions will be held from which a geographic study of one area is to be prepared.

Preliminary reading:

Briault, E. W. H., and Hubbard, J. H., *An introduction to advanced geography* (Longmans).

Text-book:

Finch, V. C., Trewartha, G. T., Robinson, A. H., and Hammond, E. H., *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill).

Reference books:

- Bowman, I., *Pioneer fringe* (American Geographical Society).  
 Brunhes, J., *Principles of human geography*, new English edition (Harrap).  
 Calder, Ritchie, *Men against the desert* (Allen and Unwin).  
 Calder, Ritchie, *Men against the jungle* (Allen and Unwin).  
 Cressey, G. B., *Asia's lands and peoples* (McGraw-Hill).  
 Davis, D. H., *The earth and man* (Macmillan).  
 Forde, C. D., *Habitat, economy and society* (Methuen).  
 James, P. E., and Kline, H. V. B., *Geography of man*, 2nd edition (Ginn).  
 Kellog, C. E., *The soils that support us* (Macmillan).  
 Lebon, J. H. G., *An introduction to human geography*, 3rd edition (Hutchinson University Library, 1960).  
 Montagu, M. F. A., *Man, his first million years* (Mentor).  
 Morgan, F. W., *Ports and harbours*, revised edition (Hutchinson University Library).  
 Murphey, R., *An introduction to geography* (Rand McNally).  
 Newbigin, M., *Plant and animal geography* (Methuen).  
 Pelzer, K., *Pioneer settlement in the Asiatic tropics* (American Geographical Society).  
 Pettersen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).  
 Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).  
 Smailes, A. E., *The geography of towns* (Hutchinson University Library, 1953).  
 U.S.A. Department of Agriculture Year Books, 1938 and 1948.  
 Vidal de la Blache, P., *Principles of human geography* (Constable).

- Wagner, P. L., and Mikesell, M. W., *Readings in cultural geography* (University of Chicago Press).  
 White, C. L., and Foscue, E. J., *Regional geography of Anglo-America* (Prentice-Hall).  
 Wooldridge, S. W., and Morgan, R. S., *The physical basis of geography* (Longmans).

PRACTICAL Reference books:

- Birch, T. W., *Maps: topographical and statistical* (O.U.P.).  
 Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).  
 Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen).  
 Raisz, E., *General cartography* (McGraw-Hill, 1949).  
 Robinson, A. H., *Elements of cartography* (Wiley, 1960).

Other references will be prescribed by the lecturers.

### 92. 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.

NATURAL ENVIRONMENT—a brief outline.

Elements of the natural landscape, their world distribution and influence upon economic activities; climatic regions and their associated natural vegetation and human occupation.

ECONOMIC ACTIVITIES—A detailed study.

Nature of wants and resources; distribution of population; factors affecting land utilisation; the agricultural economies of the world; agricultural production of the principal foods and raw materials; fisheries of the world; world timber resources and utilisation; mining and industrial power supply; transportation and other factors influencing the location of industry with particular reference to iron and steel, chemicals, motor vehicles and textiles; trade problems with emphasis on commodity stabilisation; the growing pressure of population on world resources.

Reference books:

- Zimmerman, E. W., *World resources and industries* (Harper, 1951).  
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).  
 Shaw, E. B., *World economic geography* (Wiley).  
*Oxford economic atlas of the world* (O.U.P.).  
*Commonwealth Year Books* (Commonwealth Government Printer).  
 Bartholomew, *The comparative atlas* (Meiklejohn).  
 Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition (Methuen).  
 Meier, Richard L., *Science and economic development* (Wiley).

Further selected readings of geographical and other publications will be prescribed by the lecturer.

### 93. Geography II.

A. PHYSICAL GEOGRAPHY: Basic principles of climatology, geomorphology and biogeography, with special reference to Australia.

B. HUMAN GEOGRAPHY: Principles of political, economic and social geography, with special reference to Australia.

C. PRACTICAL WORK: Tutorials will be given in geomorphology, climatology and statistics. Practical work in cartography will be carried out during the year. Field exercises will be held before the beginning of the first term. All students should contact the Department during the enrolment period and not later than 9th February, 1963.

Text-books:

- Davidson, F. G., *The industrialisation of Australia*, revised edition, 1961 (M.U.P.).  
 Peterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).  
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia*, 3rd edition (M.U.P.).

## Reference books:

- Critchfield, H. J., *General climatology* (Prentice-Hall).  
 Trewartha, G., *An introduction to climate* (McGraw-Hill).  
 Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).  
 Cotton, C. A., *Climatic accidents* (Whitcombe, 1942).  
 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).  
 Keast, A., *Biogeography and ecology in Australia* (Junk, The Hague, 1959).  
 C.S.I.R.O., *The Australian environment* (Melbourne, 1950).  
 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).  
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).  
*Atlas of Australian resources* (Department of National Development, Canberra).  
*Year book of the Commonwealth of Australia* (Commonwealth Bureau of Census and Statistics).  
 Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).  
 Debenham, F., *Map making* (Blackie).  
 Dury, G. H., *Map interpretation* (Pitman, 1960).  
 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.

## 94. Geography IIC.

## Climatology.

This subject comprises the Climatology section of Geography II. Subject to the approval of the Faculty of Science, it 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.

It consists of a course of lectures and practical work extending over one term.

For further details and reading lists students should consult the syllabus for Geography II.

## 96. Geography III.

A survey of the history of geographical thought and methodology, and two elective courses, one from two of the following groups of subjects, A, B, C, D.

A. PHYSICAL GEOGRAPHY: Climatology; Geomorphology; Biogeography.

B. HUMAN GEOGRAPHY: Geography of Early Man; Economic Geography (with emphasis on undeveloped countries); Historical Geography.

C. REGIONAL GEOGRAPHY: India and Pakistan, North America, U.S.S.R.

D. CARTOGRAPHY.

E. PRACTICAL: Field camps will be held in 1963 during the May and August vacations.

## Text-books:

Geography of Early Man—

*The human species* (Scientific American).

Economic Geography—

Kristensen, T., *The economic world balance* (Munksgaard, 1960).

Historical Geography—

Meinig, D. W., *On the margins of the good earth* (A.A.G., Monograph, No. 2, 1962).

## Reference books:

## History of Geographical Thought—

- Baker, J. N. L., *History of geographical discovery and exploration* (Harrap).  
 Beaglehole, J. C., *Exploration of the Pacific* (Black).  
 Brown, L. A., *The story of maps* (Cresset Press).  
 Bunbury, E. H., *History of ancient geography* (Murray).  
 Hartshorne, R., *Nature of geography* (A.A.A.G.).  
 Hartshorne, R., *Perspectives on the nature of geography* (Rand McNally).  
 Kimble, G. H. T., *Geography in the middle ages* (Methuen).  
 Skelton, R., *Explorers and their maps* (Routledge and Kegan Paul).  
 Taylor, T. G., *Geography in the twentieth century* (Methuen).  
 Wooldridge, S. W., and East, W. G., *Spirit and purpose of geography* (Hutchinsons).

## A. 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 morphologie*, various volumes.  
 Derruau, M., *Précis de géomorphologie* (Masson).  
 Sparks, B. W., *Geomorphology* (Longmans, 1960).  
 Thornbury, W. D., *Principles of geomorphology* (Wiley).

## 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).  
 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).

## B. GEOGRAPHY OF EARLY MAN.

- Anderson, Edgar, *Plants, man and life* (Little, Brown and Co.).  
 Beales, R. L., and Hoijer, 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).

## Economic Geography.

- Benham, F., *Economic aid to underdeveloped countries* (O.U.P., 1961).  
 Brown, H., Bonner, J., and Weir, J., *The next hundred years* (Weidenfeld and Nicolson, 1957).  
 Estall, R. C., and Buchanan, R. O., *Industrial activity and economic geography* (Hutchinson, 1961).  
 F.A.O., *The state of food and agriculture* (Annual issues).  
 Gourou, P., *The tropical world*, 3rd edition (Longmans, 1961).  
 Johnston, B. F., *The staple food economies of western tropical Africa* (Stanford U.P., 1958).  
 Thompson, W. S., *Population problems* (McGraw-Hill, 1953).

## Historical Geography.

- Crawford, R. M., *Australia* (Hutchinson University Library, 1952).  
 Mitchell, J. B., *Historical geography* (English Universities Press, 1954).  
 Roberts, S. H., *The history of Australian land settlement* (M.U.P.).

## C. INDIA AND PAKISTAN.

- Cressey, G. B., *Asia's lands and peoples* (McGraw-Hill).  
 East, W. G., and Spate, O. H. K., *The changing map of Asia* (London).  
 Ginsburg, N., *The pattern of Asia* (Prentice-Hall).  
 Dube, S. C., *Indian village*.  
 Moreland, W. H., and Chatterjee, A. C., *A short history of India*.  
 Spate, O. H. K., *India and Pakistan* (Methuen).

## North America.

- Garland, J. H., *The north American mid-west* (Wiley).  
 Parkins, A. E., *The south* (Wiley).  
 Putnam, D. F., *Canadian regions* (Crowell).  
 White, C. L., and Foscue, E. J., *The regional geography of Anglo-America*, 2nd edition (Prentice-Hall).  
 Zierer, C. M., *California and the south-west* (Wiley).

## U.S.S.R.

- Baransky, N. N., *Economic geography of the U.S.S.R.* (Moscow, 1956).  
 Shabad, T., *Geography of the U.S.S.R.* (Columbia U.P., 1958).  
 Suslov, S. P., *Physical geography of asiatic Russia* (Freeman, 1961).

## 99. 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:

- (a) To pass in eight subjects as prescribed for the ordinary degree of B.A.:  
 Geography I, II and III;  
 Courses I, II, III in History, Economics or some other subject approved by the Faculty, provided that a candidate who wishes, may present a second year course in a science subject from Regulation 2 in lieu of Course III in this subject;  
 Course I in a language other than English;  
 Course I of any Science subject specified in Regulation 2;
- (b) To undertake such Honours work as may be required in connection with the courses in Geography;
- (c) To undertake a fourth year of Honours work including tutorial discussions, written examinations, and a field study on a selected geographical problem.

## EDUCATION

## 101. Education.

This course consists of one lecture a week, a group tutorial once a fortnight and personal tutorials arranged in connection with the written work required.

The course is an introduction to the theory and history of education and is compulsory for students proceeding to either the Diploma in Education (Old Regulations) or the Associateship in Arts and Education.

The following books should be read:

## History of Education:

- Boyd, W., *History of western education* (Black).  
 Curtis, S. J., and Boulwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).  
 Monroe, P., *Brief course in the history of education* (Macmillan).  
 Cubberley, E. P., *History of education* (Mifflin).  
 Barnard, H. C., *A short history of English education* (U.L.P.).  
 Austin, A. G., *Australian education, 1788-1900* (Pitman).  
 Griffiths, D. C., *Documents on the establishment of education in New South Wales, 1789-1880* (A.C.E.R.).

## Theory of Education:

- Plato, *Republic* (Cornford).  
 Rousseau, *Emile* (Everyman).  
 Nunn, P. T., *Education: Its data and first principles*.  
 Whitehead, A. N., *The aims of education*.  
 Dewey, J., *The school and the child*.  
 Mannheim, K., *Diagnosis of our time*.  
 Jeffreys, M. V. C., *Glaucon*.  
 Niblett, W. R., *Essential education*.  
 Niblett, W. R., *Education and the modern mind*.  
 Livingstone, W. R., *On education*.  
 Russell, B., *On education*.  
 Walsh, W., *The use of imagination*.  
 Hoggart, R., *The uses of literacy*.  
 Hourd, M. L., *The education of the poetic spirit*.  
 Burn, M., *Mr. Lyward's answer*.  
 Neill, A. S., *The problem child*.  
 Cassirer, E., *An essay on man*.  
 Riesman, D., *The lonely crowd*.

## 102. Educational Psychology IA.

Candidates should consult the syllabus for Educational Psychology I [Old] (116) under the Old Regulations for the Diploma in Education (see below).

## 103. Practical Teaching and Methodology A.

1. For candidates enrolling for this subject there will be an integrated course comprising:

- (a) PRACTICAL TEACHING, for which the prescribed period of supervised teaching practice extends over an aggregate of at least 10 weeks; and
- (b) METHODOLOGY  
 Details of this section of the course, and the books and periodicals for reading and reference, will be prescribed by the Lecturers.

2. For candidates who by the end of 1961 have already passed in Part I of Principles of Pre-Primary Education or Principles of Primary Education or Principles of Secondary Education, the course comprises:

- (a) PRACTICAL TEACHING, for which the prescribed period of supervised teaching practice extends over an aggregate of at least 10 weeks; and
- (b) METHODOLOGY:  
 One of the following

## Pre-Primary Education IIA.

A study of the historical development of the infant school in England and in South Australia, leading to a consideration of the individual child and to remedial work.

Books prescribed for reading:

- Curtis, S. J., and Boulwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).  
 Highfield, Miriam, *The young school failure* (Oliver and Boyd).  
 Rusk, R. R., *History of infant education* (U.L.P.).

Reference books:

- Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).

OR

## Primary Education IIA.

Two lectures a week.

- (a) Practical problems associated with teaching in the primary school.
- (b) A general survey of the nature, value and teaching of social studies in the primary school, leading to a consideration of the relationship of the individual to society.

## Books prescribed for reading:

- Allen, G., *Social studies in the primary school* (Macmillan).  
 Dray, J., and Jordan, D., *A handbook of social studies* (Methuen).  
 Knox, H. M., *Introduction to educational method* (Oldbourne Press).  
 Hughes, A. G., and E. H., *Learning and teaching: An introduction to psychology and education* (Longmans Green & Co.).  
 Haine, H. E., *Classroom psychology* (Jacaranda Press).  
 Melvin, A. Gordon, *General methods of teaching* (McGraw-Hill Book Co.).  
 Schorling, Raleigh and Wingo, G. Max, *Elementary school student teaching* (McGraw-Hill Book Co.).

## Reference books:

- Gasking, D. A. T., *Examinations and the aims of education* (Melbourne U.P.).  
 Freeman-Butts, R., *Assumptions underlying Australian education* (A.C.E.R.).  
 Hughes, A. G., and R. N., *Learning and teaching* (Longmans, Green & Co.).

## OR

## Secondary Education IIA.

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.

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; practical problems associated with the teaching.

Students taking Secondary Education IIA should consult the lecturers in the various secondary school subjects early in the academic year for reading lists.

## DIPLOMA IN EDUCATION (OLD REGULATIONS)

## 105. Hygiene.

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information the subject is divided as follows:

**PERSONAL HYGIENE**—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems; the hygiene of the eye, ear, nose, throat, teeth, and skin; and the principles of nutrition and heredity.

**COMMUNITY HYGIENE**—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

## Text-book:

- Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

## Reference books:

- Abbie, A. A., *Human physiology* (Angus and Robertson).  
 Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).  
 Great Britain, Ministry of Education, *Health education* (H.M.S.O.).  
 Turner, C. E., *Personal and community health* (Mosby).  
 Wheatley, G. M., and Hallock, G. T., *Health observation of school children* (McGraw-Hill).

**106. Principles of Pre-Primary Education I.**

Pre-primary school aims, organisation and methods with special consideration of the development of children from birth to the age of eight.

Books prescribed for reading:

- Hume, E. G., *Learning and teaching in the infants' school* (Longmans).  
 Anderson, Marion, and others, *Activity methods for children under eight* (Evans).  
 Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).  
 Bell, Vicars, *On learning the English tongue* (Faber).

Reference books:

- Arrowsmith, G., and others, *Reading: an educational approach* (Evans).  
 Isaacs, Susan, *The nursery years* (Routledge and Kegan Paul).  
 Kendrick, E. E., *Number in the nursery and infant school* (Paul, Trench and Trubner).  
 Simpson, D., and Alderson, D., *Creative play in the infants' school* (Pitman).  
 Goddard, Nora L., *Reading in the modern infants school* (University of London, 1958).

**107. Principles of Pre-Primary Education II.**

This course, of two lectures a week and written assignments, consists of a study of the ideas of important educationists and their bearing on present infant school practice—creative play, individual and group methods. Present day trends in remedial work, use of audiovisual aids, school libraries, parent school co-operation and pre-school education.

Books prescribed for reading:

- Curtis, S. J., and Boulton, M. E. A., *A short history of educational ideas* (University Tutorial Press).  
 Rusk, R. R., *History of infant education* (U.L.P.).  
 Mellor, Edna, *Education through experience in the infant school years* (Blackwell).  
 Gardner, D. E. M., *Testing results in the infants' school* (Methuen).  
 Gardner, D. E. M., *Long term results in infant school methods* (Methuen, 1950).  
 Highfield, M., *The young school failure* (Oliver and Boyd).  
 Logan, L. M., *Teaching the young child* (Houghton Mifflin, 1960).  
 National Council for Social Studies, *Social education of young children*, Mary Willcockson (ed.), 2nd revised edition, 1956.  
 Russell, D., *Children learn to read* (Ginn, 1949).  
 Churchill, Eileen, *Counting and measuring* (Routledge and Kegan Paul).

Reference books:

- Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).  
 Strang, Ruth M., *Introduction to child study* (Macmillan).

**108. Principles of Pre-Primary Education III.**

This course consists of one lecture a week. It is concerned with the evolution and function of the infant school in relation to the present social background; a comparative study of English, American and local systems; current problems and modern developments in infant education with some reference to research and experimental work.

Reading lists will be issued.

**109. Principles of Primary Education I.**

Two lectures a week.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

- Austin, Frances M., *The art of questioning in the classroom* (U.L.P.).  
 Hughes, A. G. and E. H., *Learning and teaching* (Longmans, Green and Co.).  
 Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).  
 Jeffreys, M. V. C., *History in schools* (Pitman).

*Geography in the primary school*, Report of the Geographical Association, Manchester, November, 1949.

Keith and Robertson, *The principles of arithmetic* (Blackie).

Reeves, J., *Teaching poetry* (Heinemann).

Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).

Reference books:

Lancelot, W. H., *Permanent learning* (Wiley).

Glover, A. H. T., *New teaching for a new age* (Nelson).

Gopsill, G. H., *The teaching of geography* (Macmillan).

Polkinghorne, R. K., and M. I. R., *Fundamental number teaching* (Harrap).

Education Department of South Australia, *Arithmetic handbook for teachers in primary schools*.

Evans, L., *Teaching history* (Cheshire).

### 110. Principles of Primary Education II.

Two lectures a week.

A study of the historical development of the primary school in England and South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the primary school; a more detailed consideration of aims and methods of teaching and class and school management; educational tests and measurements; typical modern developments in educational practice—visual education, school libraries, individual methods, experience through activity, educational broadcasts, cumulative records.

The aims and methods of teaching English, social studies and arithmetic will receive special consideration.

Books prescribed for reading:

Pollard, H. M., *Pioneers of popular education* (Murray).

French, E. L., *Melbourne studies in education* (M.U.P.).

Daniel, M. V., *Activity in the primary school* (Blackwell).

Dray, Joan, and Jordan, D. A., *A handbook of social studies* (Methuen).

Glasse, W., and Weeks, E. J., *The educational development of children* (U.L.P.).

Washburne, C., *Adjusting the school to the child* (World Book Co.).

Sussams, T. W., *Poetry and the teacher* (Nelson).

Sampson, G. O., *English for the English* (O.U.P.).

Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).

*The teaching of mathematics in primary schools*. A report prepared for the Mathematical Association (Bell).

Schonell, F. J., and F. E., *Diagnosis and remedial teaching in arithmetic* (Oliver and Boyd).

Cutforth, J. A., *English in the primary schools* (Blackwell).

Reference books:

Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).

Dent, H. C., *Education Act, 1944*.

Curtis, S. J., *History of education in Great Britain*.

Smeaton, T. H., *History of education in South Australia from 1836 to 1927*.

Great Britain, Board of Education, *Handbook of suggestions for teachers*, latest edition.

Rusk, R. R., *The doctrines of the great educators* (Macmillan).

Hartog, Sir Philip, *Words in action* (U.L.P.).

### 111. Principles of Primary Education III.

One lecture period a week.

The course will be conducted by the seminar method, and is designed to cover the function of the primary school considered in relation to the present social background; a comparative study of English and local systems; current problems and modern development in primary education.

An investigation into some aspect of primary school work will be required.

A reading list and essay and seminar topics will be supplied to students early in the academic year.

### 112. Principles of Secondary Education I.

The course comprises one lecture a week together with such essays and other written work as may be prescribed from time to time.

A general survey of school aims, organisation and methods with special consideration of primary schools and the lower classes in secondary schools. A survey of the application of general principles in the teaching of English, the Social Studies, Mathematics and Science.

Reference books:

- Mathematical Association, London, *The teaching of mathematics in primary schools* (Bell).  
 Briault, E. W. H., and Shave, D. W., *Geography in and out of school* (Harrap).  
 Great Britain, Scottish Education Department, *Primary education* (H.M.S.O.).  
 Great Britain, Board of Education, *The primary school* (H.M.S.O.).  
 Gurrey, P., *Teaching the mother tongue in secondary schools* (Longmans).  
 Kennedy, A., *The teacher in the making* (Oliver and Boyd).  
 Sampson, G. O., *English for the English* (C.U.P.).

### 113. Principles of Secondary Education II.

The course consists of 3 hours lectures and seminars a week together with such essays, seminar papers and other written work as may be prescribed from time to time.

The central theme of the course is the largely twentieth century movement towards "secondary education for all," and the problems which have arisen in its wake.

Considerable attention is given to secondary schools which have developed and are developing in Great Britain, Australia and the United States of America, and to the changes which "secondary education for all" has demanded. Each of the different approaches to the solution of the problem of "secondary education for all" is examined in the light of social forces and government educational policy (as revealed in the reports of Government appointed educational commissions).

More detailed aspects of the secondary school such as the principles of the curriculum, modern methods (including small group techniques), the library and its use, oral communication, audio-visual education and classroom management and control, are considered.

A particular study is made 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.

Books prescribed for reading:

- Banks, O., *Parity and prestige in English secondary education* (Routledge).  
 Barnard, H. C., *A short history of English education from 1760 to 1944* (U.L.P.).  
 British Ministry of Education Pamphlet No. 9, *The new secondary education* (H.M.S.O.).  
 Central Advisory Council for Education, Wales, *The future of secondary education in Wales* (1949).  
 Conant, J. B., *The American high school today* (McGraw-Hill, 1959).  
 Connell, W. F., *The foundations of secondary education* (A.C.E.R., 1961).  
 Dent, H. C., *Secondary modern schools* (Routledge, 1958).  
 Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).  
 Great Britain, Board of Education, *Report of the consultative committee on the education of the adolescent* (Hadow Report) (H.M.S.O.).  
 Great Britain, Board of Education, *Report of the consultative committee on secondary education* (Spens Report) (H.M.S.O.).  
 Great Britain, Board of Education, *Report of the committee of the secondary school examinations council—Curriculum and examinations in secondary schools* (Norwood Report) (H.M.S.O.).  
 Great Britain, Ministry of Education, *15 to 18, report of the central advisory council for education—England, Vol. I (Report)* (Crowther Report) (H.M.S.O.).

New South Wales Department of Education, *Report of the committee appointed to survey secondary education in New South Wales* (1957).  
 Nisbet, S., *Purpose in the curriculum* (U.L.P.).  
 South Australian Inquiry Committee, *Final report* (1949).

Additional books and periodicals for reading and reference will be prescribed by the lecturers.

#### 114. Principles of Secondary Education III.

A more advanced course of directed reading, seminar exercises and essays, embracing: the growth of secondary education in Great Britain during the nineteenth and twentieth centuries; a comparison of the systems, aims and problems of secondary education in Great Britain, the United States of America, Australia and selected countries of western Europe and Asia; training of teachers for secondary schools; special consideration of the aims and methods of teaching in one approved subject.

One hour a week is devoted to lectures and seminars on the general part of the course. There are no lectures in the aims and methods of teaching the approved subject. Essays, seminar papers and other written work will be prescribed by the lecturers.

Books and periodicals for reading and reference will be prescribed by the lecturers.

#### 116. Educational Psychology I [Old].

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.

##### I. The nature of the learner and of the learning process.

Biological and social bases of behaviour; personality and individual differences; individual development from birth to maturity; intelligence, its nature and measurement; theories and principles of learning; concept formation, language development and thinking; the social psychology of education.

##### III Special Topics.

Measurement and evaluation in education; mental hygiene in the classroom. Special problems of migrant groups.

Text-books:

Eysenck, H. J., *The uses and abuses of psychology* (Pelican).

(This book should be read before the beginning of lectures.)

Lindgren, H. C., *Educational psychology in the class-room* (Wiley).

Blair, G. M., Jones, R. S., and Simpson, R. H., *Educational psychology* (Macmillan).

Major references:

Krech, D., and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw-Hill).

Kuhlen, R. G., *Psychology of adolescent development* (Harper).

Morgan, C. T., *Introduction to psychology* (McGraw-Hill).

Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).

Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education* (Harper).

Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Millin).

London University Institute of Education, *Studies in Education No. 7: The bearings of recent advances in psychology on educational problems* (Evans).

Valentine, C. W., *The normal child* (Pelican).

## 117. Educational Psychology II [Old].

A more advanced course dealing with the nature of the learner and of the learning process, with special reference to their bearing on educational practice. Some knowledge of research findings relevant to the various topics of the course will be required.

The framework of the course will be as follows:

- I. The nature of the learner as a developing organism: physical, intellectual, emotional and social development.
- II. The nature of the learning process: theories of learning; reward, punishment, retention, transfer, motivation, etc., with special reference to classroom situations.
- III. Further aspects of educational practice: assessment (including elementary statistical techniques); group dynamics in the classroom; educational and vocational guidance; the gifted child; backwardness and subnormality; maladjustment, behaviour problems, delinquency, etc.

Text-books:

- Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education* (Harper).  
 Peel, E. A., *The psychological basis of education* (Oliver and Boyd).  
 London University Institute of Education, *Studies in Education* No. 7:  
*The bearings of recent advances in psychology on educational problems* (Evans).

Reference books:

- Remmers, H. H., Gage, N. L., and Rummel, J. F., *A practical introduction to measurement and evaluation* (Harper).  
 Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).  
 Cronbach, L. J., *Educational psychology* (Harcourt, Brace).  
 Prescott, D. A., *The child in the educative process* (McGraw-Hill).  
 Wallas, G., *The art of thought* (Cape).  
 Hunter, I. M. L., *Memory, facts and fallacies* (Pelican).  
 Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).  
 Kuhlen, R. G., *Psychology of adolescent development* (Harper).  
 Wall, W. D., *The adolescent child* (Methuen).  
 Wall, W. D., *Education and mental health* (U.N.E.S.C.O.).  
 Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).  
 Bernard, H. W., *Mental hygiene for class-room teachers* (McGraw-Hill).

## 119. Practical Teaching.

The prescribed period of supervised teaching practice extends over an aggregate of at least ten weeks.

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**DIPLOMA IN EDUCATION (NEW REGULATIONS)**

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.

**121. Theory of Education I.**

The following books should be read:

- Plato, *The republic*.  
 Rousseau, J. J., *Emile*.  
 Arnold, M., *Culture and anarchy*.  
 Mill, J. S., *On liberty* (Longmans).  
 Berlin, I., *Two concepts of liberty* (O.U.P.).  
 Newman, J. H., *Idea of a university*.  
 Leavis, F. R., *Education and the university* (Chatto and Windus).  
 Eliot, T. S., *Notes towards the definition of culture* (Faber).  
 Williams, R., *Culture and society* (Chatto and Windus).  
 Livingstone, R. W., *On education* (C.U.P.).  
 Whitehead, A. N., *Aims of education* (Williams and Norgate).  
 Nunn, P. T., *Education: its data and first principles* (Arnold).  
 O'Connor, D. J., *An introduction to the philosophy of education* (Routledge).

**122. History of Education I.**

The following books should be read:

- Monroe, P., *Brief course in the history of education* (Macmillan).  
 Boyd, W., *History of western education* (Black).  
 Curtis, S. J., and Boultonwood, M. E. A., *A short history of educational ideas* (Universities Tutorial Press).  
 Cubberley, E. P., *History of education* (Mifflin).  
 Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).  
 Barnard, H. C., *A short history of English education* (London U.P.).  
 Curtis, S. J., and Boultonwood, M. E. A., *An introductory history of English education since 1800* (Universities Tutorial Press).  
 Austin, A. G., *Australian education, 1788-1900*.  
 Cubberley, E. P., *Readings in the history of education* (Mifflin).  
 Griffiths, D. C., *Documents on the establishment of education in New South Wales* (A.C.E.R.).

**123. Sociology of Education I.**

The following books should be read:

- Halsey, A. H., Floud, J., and Anderson, C. A., *Education, economy and society* (Free Press).  
 Butts, R. F., *Assumptions underlying Australian education* (A.C.E.R.).  
 Mead, M., *Growing up in New Guinea* (Pelican).  
 Hoggart, R., *The uses of literacy* (Pelican).  
 Davis, A., *Social class influences on learning* (Harvard).  
 New South Wales: Education, Department of, Committee appointed to Survey Secondary Education in New South Wales, *Report* (Wyndham Report).  
*Current Affairs Bulletins*:  
 Vol. 21, No. 3, 2, December, 1957, *The independent schools of Australia*.  
 Vol. 26, No. 5, 11, July, 1960, *The case for comprehensive schools*.  
 Vol. 26, No. 6, 25, July, 1960, *The case for selective schools*.  
 Connell, W. F., *Growing up in an Australian city* (A.C.E.R.).  
 Fromm, E., *Fear of freedom* (Routledge and Kegan Paul).  
 Neal, L. F., *External examinations in secondary modern schools*.  
*Leeds University researches and studies*.  
 Radford, W. C., *School leavers in Australia, 1959-1960* (A.C.E.R.).  
 James, E. J. F., *Education and leadership* (Harrap).

**124. Educational Psychology I [New].**

The following books should be read:

- Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education*.  
 Peel, E. A., *The psychological basis of education*.  
 University of London Institute of Education, *Studies in education 7: The bearings of recent advances in psychology on educational problems*.

Oeser, O. A., *Teacher, pupil and task.*  
 Wall, W. D., *Education and mental health.*  
 Redl, F., and Wattenberg, W. W., *Mental hygiene in teaching.*  
 Jenkins, G. G., Shacter, H., and Bauer, W. W., *These are your children.*  
 Remmers, H. H., Gage, N. L., and Rummel, J. F., *A practical introduction to measurement and evaluation.*  
 Bernard, H. W., *Psychology of learning and teaching.*

### 125. 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.

### 131. Theory of Education II.

The following books should be read:

Montaigne, M., *Essays.*  
 Bruner, J. S., *The process of education.*  
 Locke, J., *Some thoughts on education.*  
 Arnold, M., *Culture and anarchy.*  
 Dewey, J., *The school and society.*  
 Rousseau, J. J., *Emile.*  
 McCallister, W. J., *The growth of freedom in education.*  
 Whitehead, A. N., *The aims of education.*  
 Judges, A. V. (ed.), *Education and the philosophic mind.*

The following books should be consulted:

Plato, *Laws.*  
 Lodge, R. C., *Plato's theory of education.*  
 Nettleship, R. L., *The theory of education in Plato's Republic.*  
 Aristotle, *Ethics.*  
 Aristotle, *Politics.*  
 Quintilian, *Institutio oratoria.*  
 St. Augustine, *De magistro.*  
 Erasmus, D., *De pueris statim ac liberaliter instituendis.*  
 Vives, J. L., *De trahendis disciplinis.*  
 Elyot, Sir Thomas, *The booke named the governour.*  
 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, *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*.

### 132. History of Education II.

The following books should be read:

- Eby, F., *The development of modern education*.  
 Brubacher, J. S., *A history of the problems of education*.  
 Cubberley, E. P., *History of education*.  
 Cubberley, E. P., *Readings in the history of education*.  
 Butts, R. F., *A cultural history of education*.  
 Myers, E. D., *Education in the perspective of history*.  
 Marrou, H. I., *A history of education in antiquity*.  
 Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval*.  
 Curtis, S. J., *History of education in Great Britain*.  
 Simon, B., *Studies in the history of education*.  
 Austin, A. G., *Australian education, 1788-1900*.

The following books should be consulted:

- Boyd, W., *The history of western education*.  
 Pollard, H. M., *Pioneers of popular education*.  
 Mulhern, J., *A history of education*.  
 Freeman, K. J., *Schools of hellas*.  
 Castle, E. B., *Ancient education and today*.  
 Toynbee, A. J., *Study of history*.  
 Mumford, L., *Condition of man*.  
 Ulich, R., *Three thousand years of educational wisdom*.  
 Peterson, A. D. C., *A hundred years of education*.  
 Judges, A. V., *Pioneers of English education*.  
 Tropp, A., *The school teachers*.  
 Smith, F., *A history of English elementary education*.  
 Graves, F. P., *A history of education during the Middle Ages*.  
 Reisner, E. H., *Historical foundations of modern education*.  
 Reisner, E. H., *Nationalism and education since 1789*.  
 Fogarty, R., *Catholic education in Australia, 1806-1950*.  
 Leese, J., *Personalities and power in English education*.  
 Hans, N., *New trends in education in the 18th century*.  
 Quick, R. H., *Essays on the educational reformers*.

*Melbourne Studies in education:*

- Cremin, L. A., *The transformation of the school*.  
 Good, H. G., *A history of American education*.  
 Barnard, H. C., *A short history of English education*.  
 Griffiths, D. C., *Documents on the establishment of education in New South Wales, 1789-1880*.

Great Britain: Board of Education:

- Report of the consultative committee on the education of the adolescent* (Hadow Report) (H.M.S.O.).  
*Report of the consultative committee on secondary education* (Spens Report) (H.M.S.O.).  
*Report of the committee of the secondary schools examinations council—Curriculum and examinations in secondary schools* (Norwod Report) (H.M.S.O.).

### 133. Sociology of Education II.

Much of the important reading for the course is contained in articles in learned journals; these will be indicated.

The following books should be read:

- Halsey, A. H., Floud, J., and Anderson, C. A., *Education, economy and society* (Free Press).  
 Davis, A., *Social class influences on learning* (Harvard).  
 Warner, W. L., *Who shall be educated?* (Routledge and Kegan Paul).  
 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, 1957).  
 Radford, W. C., *School leavers in Australia* (A.C.E.R., 1962).  
 Ashby, E., *Technology and the academics* (Macmillan).  
 Floud, J., Halsey, A. H., and Martin, F. M., *Social class and educational opportunity* (Heinemann).  
 Eliot, T. S., *Notes towards the definition of culture* (Faber and Faber).  
 Australia: Committee on Australian Universities, *Report, 1957* (Murray Report).  
*Report of Robbins Committee on Higher Education in Great Britain* (If available).  
*Report of Australian Universities Committee on tertiary education in Australia* (If available).  
 Clark, Burton R., *The open door college* (McGraw-Hill, 1960).

Books from the following list should also be consulted:

- Lieberman, M., *Education as a profession*.  
 Williams, R., *The long revolution*.  
 Centers, R., *The psychology of social classes* (Princeton).  
 Conant, J. B., *The American high school today*.  
 Karmel, P., *Some economic aspects of education* (Cheshire).  
 Clarke, Sir Fred., *Education and social change*.  
 Leybourne, G. G., and White, K., *Education and birthrate* (Jonathan Cape).  
 James, E. J. F., *Education and leadership*.  
 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*.  
 Mayo, E., *The human problems of an industrial civilisation* (Macmillan).  
 Ortega y Gasset, J., *The revolt of the masses* (Allen and Unwin).  
 Wootton, B. F., *Testament for social science* (Allen and Unwin).  
 Fromm, E., *The sane society* (Routledge and Kegan Paul).  
 Glass, D. V. (ed.), *Social mobility in Britain* (Routledge and Kegan Paul).  
 Pearce, J. D. W., *Juvenile delinquency* (Cassell).  
 Australia: Commonwealth Office of Education and A.C.E.R., *Matriculation and after* (A.C.E.R.).  
 Pedley, R., *Comprehensive education*.  
 Musgrove, F., *The decline of the educative family*, In *Universities Quarterly*, vol. 14, No. 4.  
 Ward, R. B., *The Australian legend*.  
 Oeser, O. A., *Social structure and personality in a city*.  
 Oeser, O. A., *Social structure and personality in a rural community*.  
 Borrie, W. D., and Dedman, R. M., *University enrolments, 1955-1970: a projection*.

- 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*.  
 Furneaux, W. D., *The chosen few*.  
 Venables, P. F. R., *Technical education*.  
 Edwards, Reese, *The secondary technical school in England*.  
 Alexander, J., *Scientific manpower* (Hilger and Watts).  
 Australia: Labour and National Service, Department of, *The employment of scientists and engineers in Australia*.  
 McIntosh, D. M., *Educational guidance and the pool of ability*.  
 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).  
 Thompson, E. P., *Out of apathy*.

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.*

#### 134. Educational Psychology II [New].

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 main sections of the course will be concerned with various aspects of child development; educational provision for a typical children; some problems of learning and teaching, both theoretical and practical, the latter being expanded into a separate section to include classroom behaviour, school failure, juvenile delinquency, school and class organisation and the function of the teacher; educational measurement and evaluation; educational research and its implementation.

Students are advised to read widely from the following list, not only the more general texts but also those which deal more specifically with each of the main sections of the course.

- Cronbach, L. J., *Educational psychology*.  
 Gates, A. I., *et al.*, *Educational psychology*.  
 Shaffer, L. F., and Shoben, E. J., *The psychology of adjustment*.  
 Stroud, J. B., *Psychology in education*.  
 Prescott, D. A., *The child in the educative process*.  
 Skinner, C. E. (ed.), *Educational psychology*, 4th edition.  
 Watson, R. I., *Psychology of the child*.

- Barker, R. G., *et al.*, *Child behaviour and development*.
- Gesell, A. L., *et al.*, *The first five years of life*.
- Gesell, A. L., *The child from five to ten*.
- Gesell, A. L., and Ilg, F. L., *Youth—the years from ten to sixteen*.
- Hurlock, E. B., *Child development*.
- Piaget, J., *The language and thought of the child*.
- Havighurst, R. J., *Human development and education*.
- Mussen, P. H., and Conger, J. J., *Child development and personality*.
- Allport, G. W., *Becoming*.
- MacPherson, J. S., *Eleven-year-olds grow up*.
- Terman, L. M., and Merrill, M. A., *Measuring intelligence*.
- Wechsler, D., *The measurement and appraisal of adult intelligence*, 4th edition.
- Anastasi, A., *Differential psychology*.
- Vernon, P. E., *The structure of human abilities*.
- Cruickshank, W. M., and Johnson, G. O. (eds.), *Education of exceptional children and youth*.
- Blakemore, G. L., *Individualizing education in the elementary school*.
- Lewis, H. N., *Deprived children*.
- Schonell, F. J., *Backwardness in the basic subjects*.
- Kirk, S. A., and Johnson, G. O., *Educating the retarded child*.
- O'Connor, N., and Tizard, J., *The social problem of mental deficiency*.
- Blakemore, G. L., *Integrating the primary school curriculum*.
- Duncan, J., *The education of the ordinary child*.
- Burt, C., *The causes and treatment of backwardness*.
- Blair, G. M., *Diagnostic and remedial teaching*.
- Havighurst, R. J., *et al.*, *A survey of the education of gifted children*.
- Hilgard, E. R., *Theories of learning*.
- Seagoe, M. V., *A teacher's guide to the learning process*.
- Russell, D. H., *Children's thinking*.
- Wallas, G., *The art of thought*.
- Peel, E. A., *The pupil's thinking*.
- Bugelski, B. R., *The psychology of learning*.
- Fraser, E., *Home environment and the school*.
- Rogers, C., *Clinical treatment of the problem child*.
- Bowlby, J., *Maternal care and mental health*.
- Highfield, M. E., *The young school failure*.
- Stott, D. H., *Delinquency and human nature*.
- Bowlby, J., *Forty-four juvenile thieves*.
- Kvaraceus, W. C., *The community and the delinquent*.
- Burt, C., *The young delinquent*.
- Stott, D. H., *Saving children from delinquency*.
- Scottish Council for Research in Education, Mental Survey Committee, *Educational and other aspects of the 1947 Scottish mental survey*.
- Cronbach, L. J., *Essentials of psychological testing*, 2nd edition.
- Anastasi, A., *Psychological testing*.
- Garrett, H. E., *Statistics in psychology and education*, 5th edition.
- Schonell, F. J. and F. E., *Diagnostic and attainment testing*.
- Gardner, D. E. M., *Testing results in the infant school*.
- Walker, A. S., *Pupils' school records*.
- Buros, O. K. (ed.), *The fifth mental measurements yearbook*.
- Rusk, R. R., *An outline of experimental education*.
- Townsend, J. C., *Introduction to experimental method*.
- American Educational Research Association, *Technical recommendations for achievement tests*.
- American Psychological Association, *Technical recommendations for psychological tests and diagnostic techniques*.
- Russell, D. H., *Implications of research for Canadian classroom practices*.
- Scottish Council for Research in Education, *Aids to educational research comprising bibliographies and topics for research*, revised edition.
- Good, C. V., and Scates, D. E., *Methods of research*.

## 135. Comparative Education.

The following books should be read:

- Hans, N., *Comparative education*.  
 Kandel, I. L., *Comparative 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*.

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*.  
 Réé, 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*.  
 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*.  
 Conant, J. B., *The American high school*.  
 Barzun, J., *The house of intellect*.  
 Riesman, D., *Constraint and variety in American 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*.

## 136. Thesis.

A candidate is required to consult the Professor of Education about the subject and course of reading for his thesis.

## ADDITIONAL SUBJECT.

The Education Department also provides syllabus 163. (See under Diploma in Physical Education.)

## MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

## Music I.

This course comprises subjects 750. Form and 755. History of Music I; and a candidate in Music I should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

**Music II.**

This course comprises subjects **756. History of Music II** and **795. Musical Criticism and Aesthetics**; and a candidate in Music II should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

**Music III.**

This course comprises subjects **757. History of Music III** and **798. Special Study**; and a candidate in Music III should enrol for these two subjects. For Syllabuses see under the Faculty of Music.

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**DIPLOMA IN SOCIAL STUDIES**

Intending students should seek an interview with a member of the staff of the Department of Social Studies.

**Economics.**

Candidates may take *either* Economics I (171) *or* Social Economics (170).

**81. Psychology I.**

For syllabus, see under the Faculty of Arts.

**Biology.**

Candidates may take *either* Biology (270) *or* Human Biology (321).

**141. Social Work I.**

Two lectures a week, tutorials, and practical work.

Introduction to the scope and methods of social work against a historical background; the functions and policies of social agencies, and their relation to the community and its needs.

**Preliminary reading:**

Fink, A. E., Wilson, E. E., and Conover, M. B., *The field of social work*, 3rd edition (Henry Holt, 1955).

Towle, C., *Common human needs* (American Association of Social Workers).

References will be given throughout the lectures.

**Social History.**

Candidates may take *either* Politics I (61), *or* History IB (51), *or* History IIB (54), *or* Economic Development I (184).

**84. Psychology IIB.**

For syllabus, see under the Faculty of Arts.

**Physiology and Human Nutrition.**

With special permission candidates may take *either* Human Nutrition (287) *or* Physiology (715) as alternatives to Social Organisation (147).

**143. Social Work II.**

Two lectures a week, tutorials, and practical work.

A study of social work principles and their application; a clinically-oriented study of the dynamics of human behaviour.

Students will be required to reach a satisfactory standard in practical work.

**Preliminary reading:**

Winnicott, D. W., *The child and the family* (Tavistock).

Perlman, H. H., *Social casework* (Chicago U.P.).

References will be given throughout the lectures.

**145. Field Work.**

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 six weeks at the end of the first and second years and ten weeks at the end of the third year of the course.

**146. Social Work III.**

Four lectures a week, tutorials, and practical work.

Theory of social work; social casework practice in specific settings, medical, psychiatric, family and child welfare; administration of social agencies; medical and social problems of illness; psychopathology.

Students will be required to reach a satisfactory standard in practical work, which will include practice in a social agency under the supervision of a social worker throughout terms I and II, and participation in clinical sessions.

Preliminary reading:

Barnes, Elizabeth, *People in hospital* (Macmillan).

Stafford-Clark, D., *Psychiatry today* (Pelican).

References will be given throughout the lectures.

**147. Social Organisation.**

One lecture a week.

A study of the administration and organisation of social welfare.

Preliminary reading:

Sawer, G., *Australian government today* (M.U.P.).

References will be given throughout the lectures.

**148. Sociology.**

Pre-requisite subject: Psychology IIB (84).

Two lectures a week and tutorials.

Definition, scope and methods of sociology with particular reference to social welfare.

Preliminary reading:

Mitchell, G. D., *Sociology* (University Tutorial Press).

References will be given throughout the lectures.

**DIPLOMA 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.

**105. Hygiene.**

For syllabus, see under the Faculty of Arts.

**287. Human Nutrition.**

For syllabus, see under Faculty of Science.

**321. Human Biology.**

For syllabus, see under Faculty of Science.

**153. 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; the principles of good posture in standing, sitting, and in movement; postural errors, their causes, effects, and preventive treatment; examination of patients for the recognition of postural defects, and courses of exercises for corrective purposes; suggestions for programmes of posture training in schools.

## Reference books:

- Smout, C. F. V., and McDowall, R. J., *Anatomy and physiology for students of physiotherapy* (Arnold).  
 R.A.F., *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).

**154. 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.

**155. 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.

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 and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).  
*Moving and growing*, Part I (Ministry of Education, England, 1952).  
*Planning the programme*, Part II (Ministry of Education, England, 1954).  
*Syllabuses of physical education prepared by the Australian Education Departments.*

**156. 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. Whenever possible, students have the opportunity of seeing or performing experiments which may prove instructive or useful from the theoretical and practical points of view. An elementary knowledge of chemistry and physics is desirable.

## Reference 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  
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954); and  
 Eggleton, M. G., *Muscular exercise* (Paul, Trench and Trubner).

**157. 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 are expected to keep notes of their observations, and are given a practical examination at the end of the course.

**158. 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.

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, *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, Munrow, Dixon and Willetts, *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).  
 University of Birmingham, *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).

**163. History of Education.**

This course is the same as that required for the history section of Education (101). Additional classes dealing with the history of physical education are also arranged.

**Practical Work.**

Candidates are required to attend demonstrations and to take part in practical exercises 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.

**164. Practical Work, Part I.**

For men: Gymnastics and minor games; dancing; organised sports and physical recreational activities; swimming; hiking and camping.

For women: Gymnastics and minor games; organised sports and physical recreational education; movement education; dancing; swimming; hiking; and camping.

**166. Practical Work, Part II.**

For men: Gymnastics and minor games; athletics and organised sports; swimming; combative exercises; hiking and camping.

For women: Gymnastics and minor games; athletics and organised sports; swimming; movement education; dancing; hiking and camping.

**167. Physical Psychology.**

This special course is intended to provide a general introduction to psychology and to the applied field of physical education.

The third term will be devoted to the psychology of play and recreation.

**Text-books:**

Ruch, *Psychology and life* (Scott Foresman, N.Y.).

Oeser, O. A., *Teacher, pupil and task* (Tavistock).

**Reference books:**

Weir, L. H., *Europe at play* (Barnes, 1937).

Butler, G. D., *Introduction to community recreation* (McGraw-Hill, 1940).

Pearse, I. H., and Crocker, *Peckham experiment* (Allen and Unwin, 1944).

Mitchell, E. D., and Mason, B. S., *Theory of play* (Barnes, 1939).

Sprott, W. J. H., *Human groups* (Pelican).

**168. 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.

## FACULTY OF ECONOMICS.

## 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 alternately as day lectures and evening lectures. No student proceeding to a degree may take the course in Economics II until he has passed the final examination in Economics I, or the course in Economics III until he has passed the final examination in Economics II.

It is proposed at present to give these courses in Economics either as day or as evening lectures, as follows:

	1963	1964	1965
Economics I	Day	Evening	Day
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics I, 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 I. In 1963, if enrolments make it necessary, evening lectures in Economics I will be given in addition to day lectures.

## 170. 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 distinction, or near distinction 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 1963 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:

Williams, G., *The economics of everyday life* (Penguin).

## Text-books:

Downing, R. I., *National income and social accounts*, 5th edition (M.U.P.).

Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill), or

Bach, G. L., *Economics* (Prentice-Hall).

Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Karnel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

## Reference books:

Brown, A. J., *Introduction to the world economy* (Allen and Unwin).

United Nations, *National and international measures for full employment*.

Commonwealth Bureau of Census and Statistics, *Labour report*, latest issue (Government Printer).

Rothschild, K. W., *The theory of wages* (Blackwell).

Walker, K. F., *Industrial relations in Australia* (Harvard).

United Nations, *Measures for international economic stability*.

Tew, B., *Wealth and income*, 3rd edition (M.U.P.).

United Nations, *Measures for economic development of underdeveloped areas*.

Tew, M., *Work and welfare in Australia* (M.U.P.).

Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).

## 171. Economics I.

The course will be given in 1963 as day lectures, but if enrolments make it necessary, evening lectures will be given in addition. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics. National income—its production, distribution and disposal. The structure of the modern economy.
2. Introduction to the theory of value.
3. Introduction to the theory of outlay and employment.

Exemption from lectures in Economics I is not usually granted.

Preliminary reading:

Williams, G., *The economics of everyday life* (Penguin).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Text-books:

Downing, R. I., *National income and social accounts*, 6th edition (M.U.P.).

Tew, B., *Wealth and income*, 3rd edition (M.U.P.).

Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill).

Leftwich, R. H., *The price system and resource allocation*, revised edition (Holt, Rinehart, Winston), or

Stonier, A., and Haigh, D. A., *A text book of economic theory* (Longmans).

Reference books:

Hicks, J. R., *The social framework*, 3rd edition (O.U.P.).

United Nations, *National and international measures for full employment*.

Stigler, G. J., *The theory of price* (revised 1953) (Macmillan).

Eastham, K., *Introduction to economic analysis* (O.U.P.).

Benham, F., *Economics*, 5th edition (Pitman).

Boulding, K. E., *Economic analysis*, revised edition (Harper).

Nevin, E., *Textbook of economic analysis* (Macmillan).

Shackle, G. L. S., *A new prospect of economics* (Liverpool U.P.).

Ryan, W. J. L., *Price theory* (Macmillan).

Additional references will be prescribed by the lecturers.

## 173. 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 3 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 1963 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; pricing theory; government policy in industry.

Preliminary reading:

Beacham, A., and Williams, L. J., *Economics of industrial organisation*, 4th edition (Pitman).

Text-books:

Day, A. C. L., *Outline of monetary economics* (O.U.P.).

Tew, B., *Wealth and income*, 3rd edition (M.U.P.).

Great Britain: Report, *Treasury committee on the working of the monetary system* (H.M.S.O.).

Sayers, R. S., *Modern banking*, latest edition (O.U.P.).

Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).

Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).

Bain, J. S., *Price theory* (Holt, 1952).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Australia; Census and Statistics, Bureau of, *Official year book*, latest issue (Government Printer, Canberra).

## Reference books:

- Rose, H. B., *The economic background to investment* (C.U.P.).  
 Giblin, L. F., *The growth of a central bank* (M.U.P.).  
 Sayers, R. S., *The American banking system* (O.U.P.).  
 Sayers, R. S., *Central banking after Bagehot* (O.U.P.).  
 Macrae, N., *The London capital market* (Staples).  
 Dacey, W. Manning, *The British banking mechanism* (Hutchinson's University Library).  
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).  
 Meade, J. E., *Theory of international economic policy*, Vol. I *The balance of payments* (O.U.P.).  
 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.).  
 Bushnell, J. A., *Australian company mergers, 1946-1959* (M.U.P.).  
 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.).

Additional references will be prescribed by the lecturers.

## 174. 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 1963, 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.

## 176. Economics III.

The course will be given in 1963 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.

## 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.).  
 Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).  
 Tew, B., *International monetary co-operation*, 5th edition (Hutchinson).  
 Matthews, R. C. O., *The trade cycle* (C.U.P.).  
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).  
 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.).  
 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).  
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).  
 League of Nations, *International currency experience*.  
 Kindleberger, C. P., *International economics*, latest edition (Irwin).  
 Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).  
 MacDougall, D., *The world dollar problem* (Macmillan).  
 Additional references will be prescribed by the lecturers.

## PART B (Public Finance).

Government accounting; theory of public finance; public finance in Australia; fiscal and monetary policy.

## 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, *Budgetary structure and classification of government accounts*.  
 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., *National wages policy in war and peace* (Allen and Unwin).  
 Perlman, M., *Judges in industry* (M.U.P.).  
 International Labour Organisation, *Job evaluation* (I.L.O. Studies and Reports N.S. 56) (Geneva, 1960).  
 International Labour Organisation, *Payment by results* (I.L.O. Studies and Reports N.S. 57) (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).

Additional references will be prescribed by the lecturers.

**178. Economic Theory.**

Students may enrol for this subject only with the permission of the Professor of Economics.

The course comprises two lectures a week on advanced theory of value and advanced theory of outlay, together with one of Parts B, C and D of Economics III, not being taken by the student in Economics III. Students should consult the lecturers for guidance in preliminary reading.

## Reference books:

As for Honours Economics.

**179. 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 Professor of Economics well before the beginning of the academic year. Students will be admitted to Honours classes only with the approval of the Professor. 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. A regular seminar for interim and final honours is held on current economic problems and special topics.

**INTERIM HONORS:**

Interim Honours students shall take the course in Economic Theory (178).

**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 Professor of Economics 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. Until the end of the first term students will be expected to devote their whole time to research projects.

(ii) Lectures and tutorials will be provided in the second and third terms. Students will be expected to prepare papers on set topics. The work will cover topics drawn from the following fields:—

Capital and interest; wages; methodology; welfare economics; economic development; economic fluctuations; international economics; pricing theory; economic accounting; contemporary economic problems; econometrics; investment planning.

The following books, together with those referred to under Economics I, II and III and Economic Development I and II, provide a basis for Honours work:

- Marshall, A., *Principles of economics*, 8th edition (Macmillan).  
 Hicks, J. R., *Value and capital: an inquiry into some fundamental principles of economic theory*, 2nd edition (O.U.P.).  
 Robertson, D. H., *Lectures on economic principles*, Vols. 1, 2 and 3 (Staples).  
 Triffin, R. A., *Monopolistic competition and general equilibrium theory* (Harvard U.P.).  
 American Economic Association, *Readings in price theory* (Allen and Unwin).  
 Fellner, W. J., *Competition among the few* (Knopf).  
 Kaplan, A. D. H., *Pricing in big business: a case approach* (Brookings Institute).  
 Kaldor, N., *Essays on value and distribution* (Duckworth).  
 Knight, F. H., *Risk, uncertainty and profit* (Mifflin).  
 Powelson, J. P., *Economic accounting* (McGraw-Hill).  
 American Economic Association, *Readings in industrial organisation and public policy* (Irwin).  
 Lutz, F. A., and Lutz, V. C., *The theory of investment of the firm* (Princeton U.P.).  
 International Economic Association conference, 1958, Corfu, *The theory of capital*, ed. F. A. Lutz, (Macmillan, 1961).  
 Robbins, L. C., *An essay on the nature and significance of economic science*, 2nd edition (Macmillan).  
 Pigou, A. C., *Economics of welfare*, 4th edition (Macmillan).  
 Graaf, J. de V., *Theoretical welfare economics* (C.U.P.).  
 Harrod, R. F., *Towards a dynamic economics: some recent developments of economic theory and their application to policy* (Macmillan).  
 Robinson, Joan, *The accumulation of capital* (Macmillan).  
 Kalecki, M., *Theory of economic dynamics: an essay on cyclical and long-run changes in capitalist economy* (Allen and Unwin).  
 Kaldor, N., *Essays on economic stability and growth* (Duckworth).  
 Robinson, Joan, *Collected economics papers*, Vols. 1 and 2 (Macmillan).  
 Duesenberry, J. S., *Income, saving and the theory of consumer behaviour* (Harvard U.P.).  
 Meade, J. E., *Theory of international economic policy*, Vols. 1 and 2 (O.U.P.).  
 American Economic Association, *A survey of contemporary economics*, Vols. 1 and 2 (Blakiston).  
 Allen, R. G. D., *Mathematical analysis for economists* (Macmillan).  
 Allen, R. G. D., *Mathematical economics* (Macmillan).  
 Solomon, E., *The management of corporate capital* (The Free Press, Glencoe, Illinois).  
 \*Arnold, T. W., *Folklore of capitalism* (Yale U.P.).  
 \*Fraser, L. M., *Economic thought and language: critique of some fundamental economic concepts* (Black).  
 \*Galbraith, J. K., *The great crash, 1929* (Hamish Hamilton).  
 \*Harrod, R. F., *The Life of John Maynard Keynes* (Macmillan).  
 \*Heilbroner, R. L., *The great economists*, 2nd edition (Eyre and Spottiswoode).  
 \*Myrdal, G., *The political element in the development of economic theory* (Routledge and Kegan Paul).  
 \*Schumpeter, J. A., *Capitalism, socialism and democracy*, 3rd edition (Allen and Unwin).  
 \*Schumpeter, J. A., *Ten great economists, from Marx to Keynes* (Allen and Unwin).

Additional references to books and journals will be given by the lecturers.

Books marked \* are intended for general background reading.

Examination: The Final Honours examination will consist of six papers together with the thesis. The papers will be on the following subjects: value; outlay; money; industrial and agricultural organization; international economics; special topics.

**180. 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 a week throughout the year and provides an introduction to the general principles of economics, with special reference to Australian agriculture and forestry.

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).  
 Downing, R. I., *National income and social accounts*, 5th 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*, 4th or 5th edition (McGraw-Hill).  
 Bishop, C. E., and Toussaint, W. D., *Agricultural economic analysis* (Wiley).  
 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.

**181. 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.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1963 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.

In addition some lectures will be given on compound interest theory covering the periodic and continuous accumulation and discounting of single payments and series of payments.

Text-book:

Yamane, T., *Mathematics for economists: an elementary survey* (Prentice-Hall).

Reference books:

Allen, R. G. D., *Mathematical analysis for economists* (Macmillan).

Allen, R. G. D., *Mathematical economics* (Macmillan).

Tintner, G., *Mathematics and statistics for economists* (Rinehart).

Kemeny, J. G., Snell, J. L., and Thompson, G. L., *Introduction to finite mathematics* (Prentice-Hall).

Additional references will be prescribed by the lecturers.

### 183. 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 1963 as evening lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling, significance and elementary decision theory, including the use of the normal,  $t$  and  $\chi^2$  distributions; linear regression and correlation; time series; sample surveys; quality control; demography; index numbers of prices and volume; national income and social accounts.

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-book:

Karmel, P. H., *Applied statistics for economists* (Pitman).

Reference books:

Mauldon, F. R. E., *The use and abuse of statistics* (University of W.A.).

Croton, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).

Chernoff, H., and Moses, L. E., *Elementary decision theory* (Wiley).

Schlaifer, R., *Probability and statistics for business decisions* (McGraw-Hill).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (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).

Cox, P. R., *Demography*, 3rd edition (C.U.P.).

Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).

Mudgett, B. D., *Index numbers* (Wiley).

v. Höfsten, E., *Price indexes and quality changes* (Allen and Unwin).

Clark, C., and Crawford, J. G., *The national income of Australia* (Angus and Robertson).

United Nations, *Measurement of national income and construction of social accounts*.

United Nations, *A system of national accounts and supporting tables* (Studies and methods No. 2).

Edey, H. L. and Peacock, H. T., *National income and social accounting* (Hutchinson's University Library).

United Nations, *Index numbers of industrial production* (Studies and methods No. 1).

Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).

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 issues of, at least, the following (all published by the Government Printer, Canberra):

Australia; Parliament, *National income and expenditure*.  
Australia; Census and Statistics, Bureau of, *Official year book; Statisticians' report on Census 30th June, 1954; Labour report; Monthly review of business statistics; Monthly digest of current statistics*.

#### 184. 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 1963.

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:

Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Text-books:

Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).

Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).

Together with

either:

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.).

Or:

Clark, Sir G., *The wealth of England* (H.U.L., Oxford).

Ashton, T. S., *The industrial revolution* (H.U.L., Oxford).

Ashworth, W., *An economic history of England, 1870-1939* (Methuen).

Reference books:

Rostow, W. W., *The stages of economic growth* (C.U.P.).

Bennett, H. S., *Life on the English manor 1150-1400* (C.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).

Mantoux, P., *The industrial revolution in the eighteenth century* (Cape).

Matthews, R. C. O., *A study in trade-cycle history* (C.U.P.).

Burn, D. L., *The economic history of steel making, 1867-1939* (C.U.P.).

Morgan, E. V., *The theory and practice of central banking, 1797-1914* (O.U.P.).

Robertson, R. M., *History of the American economy* (Harcourt).

Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).

Galbraith, J. K., *The great crash* (Pelican).

Bailey, J. D., *Growth and depression: contrasts in the Australian and British economies, 1870-1880* (A.N.U.).

Forsyth, W. D., *The myth of the open spaces* (M.U.P.).

Additional references will be prescribed by the lecturers.

**186. Economic Statistics II.**

Pre-requisite subjects: Economic Statistics I and General Mathematics (201) or Mathematics I (202) or Mathematics (Economics) (181).

Students may enrol for this subject only with the permission of the Professor 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 1963 if sufficient students enrol.

The course will deal with statistical applications to business problems and will include the following topics: introduction to probability; random and sequential sampling; multiple regression and correlation; elementary linear programming; inventory analysis; decision making under certainty and uncertainty.

## Text-book:

Sasieni, M., Yaspan, A., Friedman, L., *Operations research, methods and problems* (Wiley).

## Reference books:

- Heady, E., and Candler, W., *Linear programming methods* (Iowa State University).  
 Chorafas, D., *Operations research for industrial management* (Reinhart).  
 Churchman, C., et al., *Introduction to operations research* (Wiley).  
 Williams, J. D., *The compleat strategist* (Rand).  
 Bross, I., *Design for decision* (Macmillan).  
 Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).  
 Spencer, M., and Siegelman, L., *Managerial economics* (Irwin).  
 Luce, R. D., and Raiffa, H., *Games and decisions* (Wiley).

Additional references will be prescribed by the lecturers.

**187. Economic Development II.**

Pre-requisite subjects: Economic Development I or History IIB (54); and Economics III, if not already completed, must be taken concurrently.

This course, comprising two classes a week, will be given in 1963 as evening lectures. 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, development problems in underdeveloped and mature economies and some case studies in development.

## Text-books:

- Meier, G. M., and Baldwin, R. E., *Economic development* (Wiley).  
 Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).  
 Agarwala, A. N., and Singh, S. P., *The economics of underdevelopment* (O.U.P.).  
 Higgins, B., *Economic development* (Constable).

## Reference books:

- Baran, P., *The political economy of growth* (Monthly Review Press).  
 Bauer, P. T., *Economic analysis and policy in underdeveloped countries* (Duke U.P.).  
 Baumol, W., *Economic dynamics* (Macmillan).  
 Domar, E., *Essays in the theory of economic growth* (O.U.P.).  
 Hoselitz, B. F., *Theories of economic growth* (Free Press).  
 Johnson, H. G., *International trade and economic growth* (Allen and Unwin).  
 Kindleberger, C. P., *Economic development* (McGraw-Hill).  
 Lekachman, R., *National policy for economic welfare* (Columbia U.P.).  
 Leibenstein, H., *Economic backwardness and economic growth* (Wiley).  
 Tinbergen, J., *Design of development* (Johns Hopkins).  
 Galbraith, J. K., *The affluent society* (Hamilton).  
 Veblen, T., *Theory of leisure class* (Modern Library).

- Choh-Ming Li, *Economic development of Communist China* (University of California).
- Allen, G. C., and Dunnithorne, A. G., *Western enterprise in Far Eastern economic development: China and Japan* (Allen and Unwin).
- Bergson, A., *Soviet economic growth* (Peterson).
- Lockwood, W. W., *The economic development of Japan* (O.U.P.).
- Nove, A., *The Soviet economy* (Allen and Unwin).
- Bauer, P. T., and Yamey, B. S., *Economics of underdeveloped countries* (C.U.P.).
- Marx, K., *Capital*, Vol 1 (Everyman).
- Sweezy, P., *Theory of capitalist development* (O.U.P., 1942).

#### ADDITIONAL SUBJECT.

The Economics Department also provides syllabus 404. (See under Faculty of Engineering.)

### COMMERCE.

#### 191. Elements of Accounting.

A general course in the elements of accounting, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of books recording transactions for a hypothetical business. No prior knowledge of the subject is required. Day lectures are given in even years, evening lectures in odd years.

The accounting framework and the recording of business transactions; the theory of double entry; basic accounting method; classification; control accounts and subsidiary ledgers; the preparation of accounting reports; the valuation problem in accounting; limiting assumptions; concepts and measurement of business income; valuation of funds employed; changing money values; comparative accounting systems in relation to group entities—business groups (partnerships and companies), governments and non-trading groups; devolution of managerial control—departmental and branch accounts; accounts of holding companies; elements of cost accounting; analysis and interpretation of accounting data.

Preliminary reading:

Goldberg, L., *An outline of accounting* (Law Book Co.).

Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Baxter W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).

Universities of Melbourne and Adelaide, *Accountancy exercises, first year*.

Reference books:

Gilman, S., *Accounting concepts of profit* (Ronald).

Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).

#### 192. Commercial Law A.

The course comprises two lectures a week and tutorial classes as arranged throughout the academic year. Day lectures are given in odd years, evening lectures in even years.

An introduction to the nature and sources of law, legal method and constitutional law followed by a more detailed study of: the elements of the law of contracts and the law relating to the sale of goods; agency; partnership; company law and practice.

## Text-books:

Yorston, R. K., and Fortescue, E. E., *Australian mercantile law* (Law Book Co.).

Charlesworth, J., *Principles of company law* (Stevens).

Joske, P., *Law of partnerships* (Butterworth).

## Reference books:

Rogers, G., and Voumard, L. C., *Mercantile law in Australia*, 4th edition (Butterworth).

Such statutes and other references as are mentioned in lectures.

**193. Management Accounting.**

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 (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of cost accounting records. Day lectures are given in odd years, evening lectures in even years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Management Accounting until he has passed the final examinations in Elements of Accounting and Economics I. Students who have not already passed Mathematics (Economics) will be required to attend lectures in financial mathematics [in the Mathematics (Economics) course] concurrently with Management Accounting.

Historical cost accounting systems; recording and control of costs—materials, labour, manufacturing overheads; standard cost systems; profit-planning and budgeting; variable costing; overhead and joint costs; cost concepts in relation to price and production policy; investment planning and the cost of capital; business finance; factors affecting the demand for capital; sources of finance; factors affecting the financial structure of companies; concepts of optimum financial structure; the Australian capital market.

## Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).

Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).

Bennett, J. W., Grant, J. McB., and Parker, R. H., *Financial mathematics and accounting*.

Howard, B. B., and Upton, M., *Introduction to business finance* (McGraw-Hill).

Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.

## Reference books:

Nickerson, C. B., *Cost accounting* (McGraw-Hill).

Vatter, W. J., *Managerial accounting* (Prentice-Hall).

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).

Vandell, R. F., and Vancil, R. F., *Cases in capital budgeting* (Irwin).

*N.A.A. Bulletins and Research Reports*.

Students are advised to subscribe to *The Accounting Review*.

**194. Financial Accounting.**

A course in financial accounting and auditing, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Day lectures are given in even years, evening lectures in odd years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Financial Accounting until he has passed the final examinations in Elements of Accounting and Economics I.

Problems of income measurement and balance sheet valuation, involving valuation of shares and unincorporated businesses, accounting for hire purchase transactions and price level controversies; advanced company accounts; comparative accounting systems for different classes of business enterprises—banks, insurance companies, mining companies and pastoralists; trust accounting—executorship and bankruptcy; comparison of government, business and social accounts; evolution of financial accounting; auditing, including application of statistical methods; professional practice.

## Text-books:

- Mathews, R. L., *Accounting for economists* (Cheshire).  
 Fitzgerald, G. E., and Speck, A. E., *Holding companies in Australia and New Zealand*, 4th edition (Butterworth).  
 Baxter, W. T., and Davidson, S. (eds.), *Studies in accounting theory* (Law Book Co.).  
 Irish, R. A., *Auditing* (Law Book Co.).  
 Cyert, R. M., and Davidson, H. J., *Statistical sampling for accounting information* (Prentice-Hall).  
 Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.

## Reference books:

- Edwards, E. O., and Bell, P. W., *The theory and measurement of business income* (University of California Press).  
 Goldberg, L., *Concepts of depreciation* (Law Book Co.).  
 Paton, W. A., and Paton, W. A., Jr., *Asset accounting* (Macmillan).  
 Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).  
 Association of Certified and Corporate Accountants, *Accounting for inflation* (Gee).  
 Jones, R. C., *Effects of price level changes on business income, capital, and taxes* (American Accounting Association).  
 American Institute of Certified Public Accountants, *Accounting research studies*.  
 Yorston, R. K., Smyth, E. B., and Brown, S. R., *Advanced accounting*, 4th edition, 2 volumes (Law Book Co.).  
 Fitzgerald, A. A. (ed.), *Accounting*, 3rd or 3rd revised edition (Butterworth).  
 Fitzgerald, A. A., and Fitzgerald, G. E., *Form and contents of published financial statements*, 2nd edition (Butterworth).  
 Fitzgerald and Schumer, *Classification in accounting* (Butterworth).  
 Vance, L. L., and Neter, J., *Statistical sampling for auditors and accountants* (Wiley).  
 Milne, K. L., *The accountant in public practice* (Butterworth).  
 Stettler, H. F., *Auditing principles* (Prentice-Hall).  
 Adamson, A. V., *The valuation of company shares and businesses* (Law Book Co.).

Students are advised to subscribe to *The Accounting Review*.

## 195. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year. 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 until he has passed the final examination in Commercial Law A.

Mortgages, bills of sale, hire purchase, negotiable instruments; the law relating to income tax; bankruptcy law and practice.

## Text-books:

- Yorston, R. K., and Fortescue, E. E., *Australian mercantile law* (Law Book Co.).  
 Young, N. S., *Bankruptcy practice in Australia* (Butterworth).  
 Gunn and O'Neill, *Guide to Commonwealth income tax law* (Butterworth).

## Reference books:

- Dean, A., *Law relating to hire purchase in Australia* (Law Book Co.).  
 McDonald, E. F., Henry and Meek, *Australian bankruptcy law* (Law Book Co.).  
 Hannan, *Treatise on the principles of income taxation* (Law Book Co.).  
 Gunn, *Commonwealth income tax law and practice* (Butterworth).

## ADDITIONAL SUBJECT.

The Commerce Department also provides syllabus 405. (See under Faculty of Engineering.)

## FACULTY OF SCIENCE.

## MATHEMATICS.

## INTRODUCTORY NOTES

1. Attention is drawn to the pre-requisite subjects for admission to the various courses as prescribed in the syllabuses below, and to the following special points:

(a) Mathematics II may be presented as a subject for the degree of B.A. or B.Sc. only if neither Pure Mathematics II nor Applied Mathematics II also is taken.

(b) 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.

2. In *special cases* the appropriate Faculty may permit a student:

(a) to enrol for Mathematics I without having passed in General Mathematics or Leaving Honours Mathematics I and II;

(b) to enrol for Mathematics II, Pure Mathematics II or Applied Mathematics II having passed in General Mathematics;

(c) to enrol for Pure Mathematics III or Applied Mathematics III having passed in Mathematics II.

Application for such special permission, setting out the grounds on which it is sought, must be made in writing to the Registrar.

3. The courses in Mathematics for the Ordinary degree of B.Sc. are as follows:

Group A: General Mathematics, Mathematics I;

Group B: Mathematics II, 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.

4. For candidates proceeding to the Ordinary degree of B.A., possible three-year sequences are:

Mathematics I  $\begin{cases} \longrightarrow \text{Pure Mathematics II} \longrightarrow \text{Pure Mathematics III} \\ \longrightarrow \text{Mathematical Statistics I} \longrightarrow \text{Mathematical Statistics II} \end{cases}$

5. The courses in Mathematics for Engineering students only are: Mechanics, Mathematics I (Engineering), Mathematics II (Engineering), Mathematics III (Engineering). A student for the degree of B.E. who is required to take the First Year of the Engineering course will normally take General Mathematics; but if he has passed in Leaving Honours Mathematics I and II, he may instead take Mathematics I (for Arts and Science students). A student who has completed the First Year of the Engineering course or has been exempted from it will take Mechanics and Mathematics I (Engineering).

## 201. General Mathematics.

Pre-requisite subjects: Leaving Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to the courses in Mathematics I and Mathematics I (Engineering).

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, *Logarithmic and other tables*, 4 figures (Macmillan); *or*

Yarwood and Castle, *Physical and mathematical tables*, 4 figures (Macmillan).

\* This book is recommended for students who will subsequently be taking the courses Mathematics I or Mathematics I (Engineering).

**202. Mathematics I.**

Pre-requisite subject: General Mathematics (201) or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to Mathematics I (Engineering), and a pass in Division I suffices for entrance to Pure Mathematics II, Applied Mathematics II and Mathematics II.

The syllabus comprises elementary calculus, two and three dimensional analytic geometry, complex numbers, vector algebra, and partial differentiation.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd edition (Addison-Wesley).

**203. Mathematics II.**

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually. It is designed for those who do not intend to do a third year course in Mathematics.

The syllabus comprises: sequences and series, ordinary and partial differential equations, multiple integrals, determinants and matrices, numerical analysis, statistics.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd edition (Addison-Wesley).

**204. Pure Mathematics II.**

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually.

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 Maxwell, E. A., *An analytical calculus for school and university*, Vols. 2 and 3 (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. I (Blaisdell).

Burkill, J. C., *A first course in mathematical analysis* (C.U.P.)

**205. Applied Mathematics II.**

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually.

Subjects of examination: Elementary vector analysis, dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equation, theory of vibrations, ordinary and partial differential equations, Fourier series, operational methods, numerical analysis.

Text-books:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).

**206. Pure Mathematics III.**

Pre-requisite subject: Pure Mathematics II (204) at Division I or higher standard.

The course consists of four lectures and one tutorial class a week.

The syllabus comprises: real and complex analysis, modern algebra, matrices, analytic geometry.

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:

- Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).  
 La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale*, Vols. 1 and 2 (Gauthier).  
 Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).  
 Hobson, E. W., *The theory of functions of a real variable* (C.U.P.).  
 Thrall, R. M., and Tornheim, L., *Vector spaces and matrices* (Wiley).  
 Moore, J. T., *Elements of abstract algebra* (Macmillan).

**207. Applied Mathematics III.**

Pre-requisite subjects: Applied Mathematics II (205) at Division I or higher standard and Pure Mathematics II at Division II or higher standard.

The course comprises four 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, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis.

## Text-books:

- National Physical Laboratory: Mathematics Division, *Modern computing methods* (H.M.S.O.).  
 Spiegel, M. R., *Vector analysis* (Schaum).  
 Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

## Reference books:

- Spain, B., *Tensor calculus* (Oliver and Boyd).  
 Wilson, D. H., *Hydrodynamics* (Arnold).  
 Weatherburn, C. E., *Advanced vector analysis* (Bell).  
 Sokolnikoff, I. S., *Mathematical theory of elasticity*, 2nd edition (McGraw-Hill).  
 Milne-Thomson, L. M., *Theoretical hydrodynamics* (Macmillan).  
 Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).

**208. Honours Mathematics III.**

Pre-requisite subjects: Pure Mathematics II (204) and Applied Mathematics II (205), 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.

**209. Mathematics for the Honours Degree of B.A. or B.Sc.**

Pre-requisite subjects: Honours Mathematics III, or Pure Mathematics III, Applied Mathematics III and other prescribed courses, or Applied Mathematics II, Pure Mathematics III, Mathematical Statistics II and other prescribed courses, at a standard satisfactory to the Head of the Department.

Students will be expected 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, modern algebra, theory of numbers, applied analysis, numerical analysis, advanced dynamics, hydrodynamics, systems analysis, information theory, mathematical statistics.

**213. Mathematics I (Engineering).**

Pre-requisite subject: General Mathematics (201) or Mathematics I (202).

The course deals with three lectures and one two-hour tutorial class a week and is given annually. It deals with the following: differential and integral calculus, partial differentiation, infinite series, complex numbers, determinants, differential equations, vector algebra.

## Text-book:

- Thomas, G. B., *Calculus and analytic geometry*, 2nd or 3rd edition (Addison-Wesley).

## 214. Mathematical Statistics I.

Pre-requisite subject: General Mathematics (201) or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one 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.

Students are expected to make use of the calculating machines in the Mathematics Department for their exercise work.

No text-book is recommended, but the following list of reference books cover a wide range of fields to which the methods are applied:

- Cramer, H., *The elements of probability theory* (Wiley).  
 Hoel, P. G., *Introduction to mathematical statistics*, 2nd 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).  
 Mather, K., *Statistical analysis in biology* (Methuen).  
 Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industry* (Wiley).  
 Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).  
 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).

## 216. Mathematical Statistics II.

Pre-requisite subjects: Mathematical Statistics I (214) at Division I or higher standard and Pure Mathematics II (204) at Division II or higher standard.

The course comprises four lectures and one tutorial class a week, and the syllabus is: probability theory, distribution theory, sampling distributions, regression, correlation, analysis of variance, experimental design, estimation and inference.

Text-book:

Goodman, R., *Teach yourself statistics* (English Universities Press).

Reference books:

- Anderson, R. L., and Bancroft, T. A., *Statistical theory in research* (McGraw-Hill).  
 Brownlee, K. A., *Statistical theory and methodology in science and engineering* (Wiley).  
 Cramer, H., *Mathematical methods of statistics* (Princeton University Press).  
 Fisher, R. A., *Statistical methods for research workers* (Oliver and Boyd).  
 Fisher, R. A., *The design of experiments* (Oliver and Boyd).  
 Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).  
 Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research* (Oliver and Boyd).  
 Hoel, P. G., *Introduction to mathematical statistics* (Wiley).  
 Kendall, M. G., and Stuart A., *The advanced theory of statistics*, Vols. 1 and 2 (Griffin).  
 Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).  
 Weatherburn, C. E., *A first course in mathematical statistics* (Cambridge University Press).

**Mathematics for the Degree of M.A. and for the Degree of M.Sc.**

Candidates for the degree of M.A. or M.Sc. in Mathematics may proceed to the degree by examination, by presentation of a thesis, or both.

If a thesis is presented it may take the form of

- (a) an original contribution to some mathematical subject;
- (b) a report on the present state of some branch of pure or applied mathematics;
- (c) an essay on the history of some branch of mathematics.

The degree is not awarded on an essay which is a mere compilation of the work of previous writers; and a candidate may be required to pass an examination in the subject-matter of his thesis.

**ADDITIONAL SUBJECTS.**

The Mathematics Department also provides syllabuses 406, 407, and 408. (See under Faculty of Engineering.)

**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 (217) and Mathematical Physics B (218).

For each subject, pre-requisites are passes in Pure Mathematics II, Applied Mathematics II and Physics II. 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 Professor 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 concurrently), or in the Physics Department (for those taking Applied Mathematics III concurrently).

**217. Mathematical Physics A.**

Physics III (228) 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; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory. Complementary reading matter will be suggested by the instructors.

**218. Mathematical Physics B.**

Applied Mathematics III (207) 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; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory. Complementary reading matter will be suggested by the instructors.

**219. 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, and in either Physics III or Applied Mathematics III, 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, Applied Mathematics III, and Physics III, 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 Professor 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.

## PHYSICS

## INTRODUCTORY NOTES.

1. Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.
2. The course in General Physics assumes a knowledge of Physics and Mathematics at Leaving Certificate standard, and is designed on that basis for students who wish to take only a one-year course in Physics; and all such students are recommended to take it (and not Physics I). This course also serves as an introduction to Physics I and Physics A (Engineering) for those who have not taken Leaving Honours Physics.
3. The course in Physics A (Engineering) is designed for *engineering* students only. It covers selected material from Physics I and Physics II not included elsewhere in the Engineering courses.
4. The course in Physics I is the first-year work of a closely-integrated two-year course designed primarily for students intending to study Physics for at least two years. A student who completes the course and subsequently decides not to proceed to Physics II will be credited with a pass in a first-year (Group A) subject.
5. On completing Physics II a student may elect either to take Physics IIIA (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 and Physics IV (Honours). A student who completes Physics III and subsequently decides not to proceed further in Honours Physics will be credited with a Group C subject for the Ordinary degree.
6. 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 or Mathematics II is an acceptable pre-requisite for Physics IIIA, only Applied Mathematics II is acceptable as a pre-requisite for Physics III, and Applied Mathematics III or Mathematical Physics A should be taken concurrently with Physics III. 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; Applied Mathematics III or Mathematical Physics A.  
 Fourth Year: Physics IV (Honours).

## 221. General Physics.

Pre-requisite subjects: A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures and three hours practical work a week, and is given annually.

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, and by one of the following text-books, which should be read concurrently with the lecture course:

Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principals and applications* (McGraw-Hill).

Ference, M., Lemon, H. B., and Stevenson, R. J., *Analytic experimental physics* (Chicago U.P.).

## 222. Physics I.

Pre-requisite subject: Leaving Honours Physics or General Physics (221) or special permission obtained in writing through the Registrar from the Professor of Physics, which must be attached to the enrolment form.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

Mechanics, properties of matter, heat and thermodynamics, optics, electricity and magnetism, and atomic and nuclear physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with prescribed parts of the following text and reference books.

Text-books:

Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Jenkins, F. A., and White, H. E., *Fundamentals of optics*, 3rd edition (McGraw-Hill).

French, A. P., *Principles of modern physics* (Wiley).

Reference books:

Holton, G., *Introduction to concepts and theories in physical science* (Addison-Wesley).

Wehr, M. R., and Richards, J. A., *Physics of the atom* (Addison-Wesley).

Roberts, J. K., and Miller, A. R., *Heat and thermodynamics* (Blackie).

## 223. Physics II.

Pre-requisite subjects: Mathematics I (202); and Physics I (222) at Division I or higher standard or, in exceptional circumstances, and with the special approval of the Professor of Physics, General Physics (221).

The course comprises three lectures and six hours practical work a week, and is given annually.

The subjects of examination are as specified for Physics I (222).

The following books are recommended in addition to those listed for Physics I (222):

Text-books:

Bleaney, B. I., and Bleaney, B., *Electricity and magnetism* (O.U.P.).

Zemansky, M. W., *Heat and thermodynamics* (McGraw-Hill)

Reference books:

Fong, G. P., *Elementary quantum mechanics* (Addison-Wesley).

Topping, J., *Errors of observation and their treatment* (Chapman and Hall).

## 226. Physics IIIA.

Pre-requisite subjects: Physics II (223) at Division I or higher standard; and one of Mathematics II (203), Pure Mathematics II (204), and Applied Mathematics II (205).

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-books:

Those recommended for Physics II (223) and in addition:

Hague, B., *Introduction to vector analysis for engineers and physicists* (Methuen).

Ditchburn, R. W., *Light* (Blackie).

Dekker, A. J., *Solid state physics* (Macmillan).

Stephenson, G., and Kilmister, C. W., *Special relativity for physicists* (Longmans).

Eisberg, R. M., *Fundamentals of modern physics* (Wiley).

Reference book:

Elton, L. R. B., *Introductory nuclear theory* (Pitman).

## 228. Physics III.

Pre-requisite subjects: Physics II (223) and Applied Mathematics II (205), each at Division I or higher standard.

The course will consist of four lectures and a minimum of nine hours practical work a week, and will comprise an advanced study of aspects of classical and modern physics.

Students will be expected to be thoroughly familiar with the text-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* (Blackie).  
 Pippard, A. B., *Elements of classical thermodynamics* (C.U.P.).  
 Eisberg, R. M., *Fundamentals of modern physics* (Wiley).  
 Elton, L. R. B., *Introductory nuclear theory* (Pitman).

Reference book:

- Powell, J. L., and Crasemann, B., *Quantum mechanics* (Addison-Wesley).

## 229. Physics IV (Honours).

Pre-requisite subjects: Applied Mathematics III (207) or Mathematical Physics A (217); and Physics III (228) at a standard satisfactory to the Professor of Physics.

The course comprises supervised practical work, and lectures in continuation of Physics III (228). Students will be required to study such text-books as may be referred to in the lecture courses.

## ADDITIONAL SUBJECTS.

The Physics Department also provides syllabuses 411 (See under Faculty of Engineering); 511 (See under Faculty of Medicine); and 781 (See under Faculty of Music).

## CHEMISTRY

Students who intend to take third-year courses in both Physical and Inorganic Chemistry, and in Organic Chemistry, are advised to take the following combinations of subjects: *First year*, Chemistry I, General Physics or Physics I, General Mathematics or Mathematics I, and either Biology or Geology I; *Second year*, Physical and Inorganic Chemistry II, Organic Chemistry II, and one of Mathematics II, Biochemistry I; *Third year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

## 231. Chemistry I.

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 scope and standard of knowledge required for the examination is indicated by the course of lectures which deal with general chemistry, including introductions to atomic and valency theory, systematic inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry. The practical course is designed to serve as an introduction to practical inorganic chemistry, physical chemistry, chemical analysis and organic chemistry.

Text-books:

- Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley), and Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans), and Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).  
 [Students intending to proceed to Physical and Inorganic Chemistry II (233) may replace Andrews and Kokes, *Fundamental chemistry*, by: Barrow, G. M., *Physical chemistry* (McGraw-Hill). or; Moore, W. J., *Physical chemistry*, 3rd edition (Longmans), and Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier).]

**232. Chemistry IA.**

A course of general chemistry available to students in the Faculty of Engineering and the Faculty of Technology. The course, which is given annually, consists of two lectures and three hours' practical work a week throughout three terms of the year.

The scope and standard of knowledge required for the examination is indicated by the course of lectures which deal with introductions to atomic and valence theory; systematic inorganic chemistry; and the following topics of physical chemistry: chemical thermodynamics; electro-chemistry; states of matter; solutions; phase rule; reaction kinetics; radiochemistry.

The practical course uses chemical analysis to illustrate the fundamental ideas of chemistry.

## Text-books:

- Hiller, L. A., and Herber, R. H., *Principles of chemistry* (McGraw-Hill).  
 Vogel, A. I., *Text-book of quantitative inorganic analysis*, 2nd edition (Longmans).

## Reference books:

- Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier).  
 Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).  
 Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).  
 Quagliano, J. V., *Chemistry* (Prentice-Hall).

**233. Physical and Inorganic Chemistry II.**

Pre-requisite subjects: General Physics (221) or Physics I (222), General Mathematics (201) or Mathematics I (202) and a Division I pass or higher in Chemistry I (231).

The course, which is given annually, consists of three lectures and not less than six hours practical work a week throughout the three terms of the year.

The lectures deal with systematic inorganic chemistry and introductions to thermodynamics, electrochemistry, reaction kinetics and theoretical chemistry.

The practical courses deal with quantitative analysis, preparative inorganic chemistry and physical chemistry.

## Text-books:

- Moore, W. J., *Physical chemistry*, 3rd edition (Longmans); or  
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).  
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).  
 Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier); or  
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).  
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Acamedic Press).  
 Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).

## Reference books:

- Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).  
 Sidgwick, N. V., *Chemical elements and their compounds*, Vols I and II (O.U.P.).  
 Moeller, T., *Inorganic chemistry* (Wiley).  
 Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).  
 Gould, E. S., *Mechanism and structure in inorganic chemistry* (Holt, Rinehart and Winston).

**234. Chemistry IIA.**

Pre-requisite subject: A Division I pass, or higher, in Chemistry IA (232).

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  
 Moore, W. J., *Physical chemistry*, 3rd edition (Longmans); and  
 Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans).

Reference books:

- Daniels, F., and Alberty, R. A., *Physical chemistry* (Wiley).  
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).  
 Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).

### 237. Physical and Inorganic Chemistry III.

Pre-requisite subjects: A Division I pass, or higher, in Physical and Inorganic Chemistry II (233). Students are also recommended to have taken Organic Chemistry II (243).

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 theoretical chemistry, including an introduction to wave mechanics; molecular structure; thermodynamics; reaction kinetics; chemistry of macromolecules and high polymers; surface and colloid chemistry; more advanced inorganic chemistry; radiochemistry and radiation chemistry.

The practical work will include preparative inorganic chemistry, experimental physical chemistry, radiochemistry and radiation chemistry.

Text-books:

- Moore, W. J., *Physical chemistry*, 3rd edition (Longmans); or  
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).  
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).  
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).  
 Bauman, R. P., *Absorption spectroscopy* (Wiley).  
 Frost, A. A., and Pearson, R. G., *Kinetics and mechanism*, 2nd edition (Wiley).  
 Wheatley, P., *Determination of molecular structure* (O.U.P.).  
 Linnett, J. W., *Wave mechanics and valency* (Methuen).  
 Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).  
 Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).  
 Orgel, L. E., *An introduction to transition metal chemistry* (Methuen).  
 Cotton, F. A., and Wilkinson, G., *Advanced inorganic chemistry* (Interscience).

Reference books:

- Sidgwick, N. V., *Chemical elements and their compounds*, Vols. I and II (O.U.P.).  
 Emeleus, H. J., and Anderson, J. S., *Modern aspects of inorganic chemistry*, 3rd edition (Routledge).  
 Durrant, P. J., and Durrant, B., *Introduction to advanced inorganic chemistry* (Longmans).  
 Coates, G. E., *Organo-metallic compounds* (Methuen).  
 Heslop, R. B., and Robinson, P. L., *Inorganic chemistry* (Elsevier).  
 Friedlander, G., and Kennedy, J. W., *Nuclear and radio-chemistry* (Wiley).  
 Moeller, T., *Inorganic chemistry* (Wiley).

### 239. Honours Physical and Inorganic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (246) or Physical and Inorganic Chemistry III (237) and Physics IIIA (226) or Physical and Inorganic Chemistry III (237) and Pure Mathematics III (206), or Physical and Inorganic Chemistry III (237) and such other third-year subject as may be approved by the Faculty on the recommendation of the Professor of Physical and Inorganic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in Organic Chemistry, Mathematics and Physics as the Professor of Physical and Inorganic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor 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.

#### 243. Organic Chemistry II.

Pre-requisite subject: A Division I pass, or higher, in Chemistry I (231).

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:

Buchanan, C., and others, *Separation and identification of organic compounds* (U.L.P.); and  
 Clarke, H. T., *A handbook of organic analysis* (Arnold).  
 Finar, I. L., *Organic chemistry*, Vol. I (Longmans); and  
 Sykes, P., *A guidebook to mechanism in organic chemistry* (Longmans);  
 and  
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry*, 4th edition (Longmans); and  
 Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

#### 244. Chemistry II.

Pre-requisite subject: Chemistry I (231).

This course will consist of three consecutive sections (Physical Chemistry, Organic Chemistry and Biochemistry), each consisting of three lectures and six hours practical work a week for one term.

*Physical Chemistry.*

Introduction to chemical thermodynamics, electrochemistry, reaction kinetics, colloid and macromolecular chemistry, surface chemistry. The practical work will consist of a number of experiments illustrating these topics.

Text-book:

Moore, W. J., *Physical chemistry*, 3rd edition (Longmans); or  
 Barrow, G. M., *Physical chemistry* (McGraw-Hill).

*Organic Chemistry.*

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist; the mechanisms of organic reactions; the chemistry of carbohydrates; practical work illustrating the major methods and techniques of organic chemistry.

Text-books:

Finar, I. L., *Organic chemistry*, Vol. I, 3rd edition (Longmans), and  
 Sykes, P., *A guidebook to mechanism in organic chemistry* (Longmans).

*Biochemistry.*

Methods in biochemistry; introduction to the biochemistry of mineral elements, carbohydrates, lipids, amino acids and proteins; introduction to enzymology and some aspects of intermediary metabolism. The practical course will consist of experiments relating to these topics.

Text-books:

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).  
 Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).  
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

**246. Organic Chemistry III.**

Pre-requisite subject: A Division I pass, or higher, in Organic Chemistry II (243). Students are also recommended to have taken Physical and Inorganic Chemistry II (233).

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; the chemistry of heterocyclic compounds, including the study of natural products; the chemistry of alicyclic compounds, terpenes and sugars; stereochemistry and the application of physico-chemical measurements to problems in organic chemistry.

## Text-books:

- Badger, G. M., *The chemistry of the heterocyclic compounds* (Academic Press).  
 Gould, E. S., *Mechanism and structure in organic chemistry* (Holt).  
 Vogel, A. I., *Practical organic chemistry* (Longmans).  
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans).  
 Buchanan, C., and others, *Separation and identification of organic compounds* (U.L.P.).

## Reference books:

- Badger, G. M., *The aromatic compounds* (C.U.P.).  
 Coulson, C. A., *Valence* (O.U.P.).  
 Hine, J., *Physical organic chemistry*, 2nd edition (McGraw-Hill).  
 Jackman, L. M., *Applications of nuclear magnetic resonance in organic chemistry* (Pergamon).  
 Newman, M. S., *Steric effects in organic chemistry* (Wiley).  
 Tucker, S. H., *An electronic outline in organic chemistry* (U.L.P.).  
 Wheland, G. W., *Advanced organic chemistry* (Wiley).

**249. Honours Organic Chemistry.**

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (246), or Organic Chemistry III (246) and Biochemistry II (286), or Organic Chemistry III (246) 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.

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.**

The Chemistry Departments also provide syllabuses 412 (See under Faculty of Engineering); 512 (See under Faculty of Medicine); 661, 671 (See under Pharmacy) and 863 (See under Technology).

**SOIL SCIENCE****355. Soil Science IA.**

For Syllabus see under the Faculty of Agricultural Science.

## GEOLOGY, MINERALOGY AND PALAEOONTOLOGY.

## 251. Geology I.

**LECTURES.**—A course of two lectures a week throughout the academic year dealing with the principles of physical geology, elementary mineralogy and petrology, historical geology.

**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.

Preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or

Read, H. H., *Geology* (H.U.L.).

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).

Tyrrell, G. W., *Principles of petrology* (Methuen.).

Dunbar, C. O., and Rodgers, J., *Principles of stratigraphy* (Wiley).

## 253. Geology II.

Pre-requisite subject: Geology I (251) 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 principles of structural geology.

**Stratigraphy of Australia.**

**Palaontology:** Nature of organic remains; palaontological 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.

**Palaontology:** 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:

\*Hurlbut, C. S., *Dana's manual of mineralogy*, 17th edition (Wiley, 1959).

Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill); or

\*Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Glaessner, 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., *Outlines of structural geology*, 3rd edition (Methuen, 1953).

Woods, H., *Invertebrate palaontology* (C.U.P., 1947).

\* These are also Geology III texts.

\*Dunbar, C. O., and Rodgers, T., *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*, 2nd edition (Longmans).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

Evans, R. C., *Introduction to crystal chemistry* (C.U.P., 1952).

McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).

Low, J. W., *Geologic field methods* (Harper, 1957).

Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).

Simpson, G. G., *Life of the past* (Yale U.P., 1953).

Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope*, 3rd edition (Arnold).

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).

de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).

Lahee, F. H., *Field geology*, 6th edition (McGraw-Hill, 1961).

\* These are also Geology III texts.

### 256. Geology III.

Pre-requisite subject: Geology II (253) at Division I or higher standard; and either Physics II (223) or Physical and Inorganic Chemistry II (233).

LECTURES.—This course consists of about ninety lectures.

*Crystallography*: Elementary X-ray diffraction techniques.

*Petrology*: A discussion of some advanced problems of petrogenesis.

*Structural Geology*: Advanced studies in structure 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.

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, T., *Principles of stratigraphy* (Wiley).

Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).

Hurlbut, C. S., *Dana's manual of mineralogy*, 17th edition (Wiley, 1959).

Pettijohn, F. J., *Sedimentary rocks*, 2nd edition (Harper, 1957).

Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Reference books:

Barth, T. F. W., *Theoretical petrology* (Wiley).

Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals*, 2nd edition (U.S.G.S.).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

Weller, J. M., *Stratigraphic principles and practice* (Harper, 1960).

Moore, R. C., *Introduction to historical geology* (McGraw-Hill, 1953).

Gignoux, M., *Stratigraphic geology* (Freeman).

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).

Forrester, J. D., *Principles of field and mining geology* (Wiley).

de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).

## 257. Palaeontology.

Pre-requisite subjects: Geology II (253) at Division I pass or higher standard and Zoology I (271).

To count Palaeontology as a third-year subject for the degree of B.Sc., a candidate must present also Zoology II (273) or Botany II (263) or Genetics I (293) 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., Lalicker, C. G., and Fischer, A. G., *Invertebrate fossils* (McGraw-Hill, 1947).

Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).

## Reference Books:

Easton, W. H., *Invertebrate palaeontology* (Harper, 1960).

Glaessner, M. F., *Principles of micro-palaeontology* (M.U.P., 1945).

Andrews, H. N., *Studies in paleobotany* (Wiley, 1961).

## 259. Geology for the Honours Degree of B.Sc.

Candidates should specialise in an aspect of geology, e.g. mineralogy, petrology, stratigraphy, palaeontology, economic geology, structural geology. 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. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French, German or Russian. They must also apply, before the end of the preceding year, to the Professor concerned for approval of their proposed courses of study.

Candidates will be required to contribute to a series of seminars. A number of short courses (including X-ray crystallography, X-ray structure determination, micropalaeontology, stratigraphy, structural geology, geophysics, mineragraphy) will be given as required.

## ADDITIONAL SUBJECTS.

The Geology Department also provides syllabuses 414, 415, 416 (See under Engineering); and 861 (See under Technology).

## 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.

## 261. Botany I.

LECTURES.—A course of two lectures a week throughout the session dealing with the following: Elementary morphology, anatomy and physiology of the angiosperms; outline of the morphology and reproduction of the main phyla of plants; 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.

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*—4th Saturday of 3rd Term.

Text-book:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science* (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).

## 263. Botany II.

Pre-requisite subjects: Chemistry I (231) and Botany I (261) at Division I or higher standard. In special circumstances, such as credit, and on the basis of additional work in Botany, Biology (270) may be accepted as a pre-requisite instead of Botany I (261). Such students should consult the Professor of Botany.

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (I).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and Physics I.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. ANATOMY AND MORPHOLOGY OF THE SPERMATOPHYTES.—An outline of the anatomy and histology of the angiosperms.

Text-book:

Esau, K., *Anatomy of seed plants* (Wiley).

Reference book:

Esau, K., *Plant anatomy* (Chapman and Hall).

C. PLANT ECOLOGY AND PLANT GEOGRAPHY, AND ANGIOSPERM SYSTEMATICS.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

No text-book is recommended for the Ecology course but some reading of scientific journals is required.

Reference books:

Cain, S. A., and Castro, G. M., *Manual of vegetation analysis* (Harper).

Smith, P., Greig, *Quantitative plant ecology* (Butterworths).

Daubenmire, R. F., *Plants and environment* (Wiley).

Oosting, H. T., *Plant communities* (Freeman).

Text-books in Systematic Botany:

Black, J. M., *Flora of South Australia*, Vols. 1-4 (Government Printer, Adelaide).

Rendle, A. B., *Classification of flowering plants*, Vol. 2, *Dicotyledons* (C.U.P.).

Reference books in Systematic Botany:

Benson, Lyman, *Plant classification* (Heath).

Lawrence, G. H. M., *Taxonomy of vascular plants* (Macmillan, 1951).

Bentham, G., *Flora Australiensis* (Reeve).

Bailey, L. H., *Manual of cultivated plants* (Macmillan).

Hackel, Eduard, *The true grasses* (from "Die Natürlichen Pflanzenfamilien") (Henry Holt).

Hutchinson, John, *The families of flowering plants, I. Dicotyledons* (Macmillan).

Hill, Albert F., *Economic botany* (McGraw-Hill).

Gundersen, A., *Families of dicotyledons* (Chronica Botanica).

Dell, E., and Gardner, C. A., *Wild flowers of Western Australia*. Illus. (W.A. Newspapers Ltd.).

*International code of botanical nomenclature* (International Association for Plant Taxonomy, 1956).

Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).

D. QUANTITATIVE BIOLOGY.—First term only of Part B of Genetics I (296).

PRACTICAL WORK extending over eight hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible, a camp will be arranged during vacation time.

#### 264. Botany IIA (for Forestry Students).

Students proceeding to the degree of B.Sc. in Forestry are required to take, as their course in Botany II, course 263, with the exception of the section on quantitative biology and of practical work in plant physiology, and in addition the courses in mycology and in gymnosperms given in Botany III (266).

#### 266. Botany III.

Pre-requisite subjects: Chemistry I (231) and Botany II (263) at Division I or higher standard.

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (II).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

Reference book:

Gortner, R. A., *Outlines of biochemistry*, 3rd edition (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTES AND LOWER GROUPS OF VASCULAR PLANTS.

Text-book:

Smith, G. M., *Cryptogamic botany*, Vol. 2, 2nd edition (McGraw-Hill).

Reference books:

Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, Parts 1 and 2 (Government Printer, Adelaide).

Fritsch, F. E., *Structure and reproduction of the algae*, Vols. 1 and 2 (C.U.P.).

Smith, G. M., *Manual of phycology* (Chronica Botanica).

Newton, L., *Seaweed utilisation* (S. Low).

C. THE BIOLOGY, PATHOLOGY AND CLASSIFICATION OF THE FUNGI.

Text-book:

Alexopoulos, C. J., *Introductory mycology* (Wiley).

Reference books:

Ainsworth, G. C., and Bisby, G. R., *A dictionary of the fungi*, 2nd or later edition (Imperial Mycological Institute).

D. CLASSIFICATION AND COMPARATIVE MORPHOLOGY OF THE GYMNOSPERMS.

Text-book:

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

E. ADVANCED MICROSCOPY.

F. GENETICS.—A special course of eight lectures and practical work in genetics and natural selection.

PRACTICAL WORK extending over ten hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible camps will be arranged during vacation time.

**269. 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 are expected to spend all the time not necessarily devoted to lectures in the laboratory, and they are required to attend such lectures and pass such examinations in Chemistry and other subjects as the Professor of Botany may deem necessary. Ordinarily it is necessary that the additional subjects be taken before the final year's work in Botany. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

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.

**ADDITIONAL SUBJECT.**

The Botany Department also provides syllabus 367. (See under Agricultural Science.)

**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.

**270. 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; morphology and reproduction of main classes of plants; 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*. 2nd edition (Harper).

or a combination of the following books from the series *Foundations of modern biology* (Prentice-Hall).

Bold, H. C., *The plant kingdom*

Galston, A. W., *The life of the green plant*.

Bonner, D. M., *Heredity*.

Wallace, B., and Srb, A. M., *Adaptation*.

**Students should consult:**

Hardin, G., *Biology, its principles and implications* (W. H. Freeman).

Simpson, G. G., Pittendrigh, C. S., and Tiffany, L. H., *Life: an introduction to biology* (Routledge and Kegan Paul).

## 271. Zoology I.

There are two lectures a week and six hours of practical work.

The course includes: a study of some invertebrates and vertebrates; an introduction to comparative physiology (including growth and development and behaviour); elementary genetics; evolution and the mechanism of evolution; elementary ecology.

## Text-books:

- Villee, C. A., Walker, W. F., and Smith, F. E., *General zoology* (Saunders).  
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).  
 Barnett, A., *The human species* (Pelican).

## Students should consult:

- Buchsbaum, R. M., *Animals without backbones*, vols. 1 and 2 (Penguin).  
 Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).  
 Romer, A. S., *Man and the vertebrates* (Penguin).  
 Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin).

## 273. Zoology II.

Pre-requisite subjects: Chemistry I (231), General Physics (221) or Physics I (223), and Zoology I (271) at Division I or higher standard. In special circumstances Biology (270) may be accepted as a pre-requisite instead of Zoology I (271).

During the first term, there are three lectures a week and eight hours of practical work. In the second and third terms, 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; structure and physiology of vertebrate animals; and quantitative biology (first term only of Part B of Genetics I (296)) or special genetics.

## Text-book:

- Young, J. Z., *The life of vertebrates* (O.U.P.).

## Reference books:

- Cain, A. J., *Animal species and their evolution* (Hutchinson).  
 Prosser, C. L., *Comparative animal physiology* (Saunders).  
 Romer, A. S., *The vertebrate body* (Saunders).  
 Turner, C. D., *General endocrinology* (Saunders).  
 Young, J. Z., *The life of mammals* (O.U.P.).  
 Parker and Haswell, *Text-book of zoology*, Vol. 2 (Macmillan).  
 Scheer, B. T., *Comparative physiology* (Wiley).  
 Giese, A. C., *Cell physiology* (Saunders).

## 276. Zoology III.

Pre-requisite subject: Zoology II (273) at Division I or higher standard.

The course includes the following subjects: animal ecology, marine biology, the classification, structure and physiology of invertebrate animals, an introduction to the history and philosophy of biology and special genetics or quantitative biology. There are three lectures and nine hours of practical work a week.

## Text-books:

- Borradaile, L. A., Eastham, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.).  
 Prosser, C. L., *Comparative animal physiology*, 2nd edition (Saunders).  
 Andrewartha, H. G., *Introduction to the study of animal populations* (Methuen).

## Reference books:

- 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* (Collins).  
 Scheer, B. T., *Comparative physiology* (Wiley).  
 Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).  
 Hyman, L. H., *The invertebrates*, Vols. 1-5 (McGraw-Hill).  
 Rogers, W. P., *The nature of parasitism* (Academic Press).  
 Fisher, R. A., *The design of experiments* (Oliver and Boyd).

## 279. 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.

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 particularly one or two groups or some phase 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.

Candidates must have some reading knowledge of French and German and are expected to show some skill in abstracting scientific papers and in the preparation of scientific reports.

## BIOCHEMISTRY.

Students are advised that Biochemistry (286) is a third-year subject. Prerequisites for entry into Biochemistry are a pass in *either* (a) Chemistry II, Biology (or Botany I or Zoology I) and General Mathematics or Mathematics I, *or* (b) Organic Chemistry II, Physical and Inorganic Chemistry II (or Physics II) and Cell Physiology, *or* (c) Biochemistry I (former subject), and General Mathematics or Mathematics I. It is recommended that students intending to take Biochemistry (286) should take the following combinations of subjects: *First Year*—Chemistry I, General Physics or Physics I, General Mathematics or Mathematics I, and either Biology or Botany I or Zoology I. *Second Year*—Either (a) Chemistry II and two other appropriate subjects (of which at least one should be chosen from Botany II, Zoology II, Physiology I or Genetics I); *or* (b) Organic Chemistry II, Physical and Inorganic Chemistry II (or Physics II) and Cell Physiology. *Third Year*—Biochemistry and one other appropriate subject.

## 244. Chemistry II.

This subject is the normal pre-requisite for admission to Biochemistry (286). For the detailed syllabus see page 834.

## 284. Cell Physiology.

Pre-requisite subjects: Chemistry I and one of Biology, Botany I and Zoology I. A unit course of 2 hours lectures and 6 hours practical work a week. The course is designed for students proceeding to Biochemistry through Organic Chemistry II and Physical and Inorganic Chemistry II (or Physics II, subject to the approval of the Professor of Biochemistry).

The course will include aspects of: structure and function of cells and cell organelles; chemical and physiological aspects of enzymes, vitamins, nucleotides and nucleic acids; biochemistry of carbohydrates, lipids, amino acids and proteins; intracellular organisation and intermediary metabolism.

The practical work will be related to these topics.

Text-books:

- Fruton, J. S., and Simmonds, S., *General biochemistry* (2nd Edition, Wiley).  
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (2nd Edition, Wiley).  
 Mercer, E. H., *Cells and cell structure* (Biological Monographs, Hutchinson).

## 286. Biochemistry.

Pre-requisite subjects: see preamble above.

A course of three lectures and at least twelve hours of practical work a week, dealing with the following topics:

- (a) Aspects of *molecular biology* including: biochemistry of lipids, nucleic acids and proteins, and related cell constituents; biochemical genetics; mechanisms of enzymic catalysis.
- (b) Aspects of *cell physiology* including: the biochemistry of hormones, chemical aspects of response to the environment in micro-organisms, plant and animal; chemical mechanisms controlling cell division, differentiation and growth.

The practical work will be related to these topics.

Reference books:

- Fruton, J. S., and Simmonds, S., *General biochemistry* (2nd Edition, Wiley).  
 Dixon, M., and Webb, E. C., *Enzymes* (Longmans).  
 Boyer, P. D., Lardy, H., and Myrbäck, K., *The enzymes* (2nd Edition, Academic Press).  
 Colowick, S. P., and Kaplan, N. O., *Methods in enzymology* (Academic Press).

## 287. 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.

N.B.—Students attending this course should have some knowledge of chemistry and physics, at least to the Intermediate stage; failing this they are expected to attend a special course in elementary chemistry concurrently with the course in Human Nutrition, and to pass an examination in the general subject matter of the course. This special course is held during the first term.

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.

**289. Biochemistry for the Honours Degree of B.Sc.**

Pre-requisite subject: Biochemistry II (former subject) or Biochemistry (286). The course extends over three terms.

The course extends over three terms.

Candidates are required to give their full time for at least an entire academic year to a special course of study and laboratory work in the biochemistry laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Reference books (in addition to those presented for Biochemistry II):

*Annual reviews of biochemistry* (Stanford U.P.).

Goodwin, *Recent advances in biochemistry*.

Bull, H. B., *Physical biochemistry* (Wiley); or

Johlin, J. M., *Introduction to physical biochemistry*, 2nd edition (Harper).

Bloch, K., *Lipide metabolism*.

Boyer, P. D., Lardy, H., and Myrbäck, K., *The enzymes*, Vols. I to V. (Academic Press, 1959).

Colowick, S. P., and Kaplan, O., *Methods in enzymology* (Academic Press).

Other reading will be prescribed during the course.

**ADDITIONAL SUBJECTS.**

The Biochemistry Department also provides syllabuses 521, 531 (See under Medicine); 623 (See under Dentistry); and 696 (See under Pharmacy); and also provides part of 244, Chemistry II.

**GENETICS.****Genetics in Botany I and Zoology I.**

About eight lectures and practical classes, as part of Zoology I (271) and Botany I (261) 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:

Mather, K., *Genetics for schools* (Murray).

McLeish, J., and Snoad, B., *Looking at chromosomes* (Macmillan).

Reference books:

Auerbach, C., *The science of genetics* (Hutchinson).

Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles in genetics*, 5th edition (McGraw-Hill).

Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

Dunn, L. C., *Genetics in the twentieth century* (Macmillan).

Iltis, H., *Life of Mendel*.

**293. Genetics I.**

Candidates for the degree of Bachelor of Science must present both parts of the course.

PART A. One lecture and two hours practical work 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. Inbreeding and outbreeding. Genetics and evolution.

PART B. One lecture and a two-hour practical class a week for three terms.

**Term I. 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.

**Term II. Biometrical and Population Genetics.** Correlation, regression, analysis of variance and their application to quantitative inheritance. Genetic variation and its conservation. Modern theory of evolution. Gene frequency. Selection. Polymorphism.

**Term III. Human Genetics.** Pedigrees of human abnormalities and their genetical analysis. Single factor segregations and methods of ascertainment. Mutation. Twin studies. Gene frequency analysis in human populations. ABO, Rhesus and other blood groups. The bearing of blood groups on anthropology, disease and forensic medicine. Genetics of biochemical differences—haemoglobin variants, metabolic disorders, etc. Genetic linkage in man. Genetic counselling.

Text-books:

- Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).  
 Lawler, S. D., and Lawler, L. J., *Human blood groups and inheritance* (Heinemann).  
 Mather, K., *Statistical analysis in biology* (Methuen).  
 Mather, K., *The measurement of linkage in heredity* (Methuen).  
 Srb, A. M., and Owen R. D., *General genetics* (Freeman).

Reference books:

- Darlington, C. D., *The facts of life* (Allen and Unwin).  
 Darlington, C. D., and Mather, K., *Elements of genetics* (Allen and Unwin).  
 Li, C. C., *Population genetics* (Chicago U.P.).  
 Moroney, M. J., *Facts from figures* (Pelican).  
 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* (Freeman).

## 296. Genetics II.

Pre-requisite subject: Genetics I (293).

(Agricultural Science students who have passed Genetics IA (393) and Biometry (390) to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

Three lectures and six hours practical work a week for three terms.

This course includes the more advanced aspects of biometrical, microbial, physiological, polysomic, population and human genetics, and cytology.

Text-books:

- Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).  
 Mather, K., *The measurement of linkage in heredity* (Methuen).  
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).  
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).  
 Swanson, C. P., *Cytology and cytogenetics* (Macmillan).

Reference books:

- Brachet, J., *Biochemical cytology* (Academic Press).  
 Catcheside, D. G., *Genetics of micro-organisms* (Pitman).  
 Clausen, J., *Stages in the evolution of plant species* (Cornell U.P. and O.U.P.).  
 Darlington, C. D., *Evolution of genetic systems* (Oliver and Boyd).  
 Darlington, C. D., *Recent advances in cytology* (Churchill).  
 Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).  
 Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).

- Fisher, R. A., *The theory of inbreeding* (Oliver and Boyd).  
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).  
 Harris, H., *Human biochemical genetics* (C.U.P.).  
 Kempthorne, O., *An introduction to genetic statistics* (Wiley).  
 Li, C. C., *Population genetics* (Chicago U.P.).  
 Mather, K., *Biometrical genetics* (Methuen).  
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).  
 Pontecorvo, G., *Trends in genetic analysis* (Columbia U.P.).  
 Race, R. R., and Sanger, R., *Blood groups in man*, 4th edition (Blackwell).  
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).  
 Strauss, B. S., *An outline of chemical genetics* (Saunders).  
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).  
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).  
 Jacob, F., and Wollman, E. L., *Sexuality and the genetics of bacteria* (Academic Press).

### Genetics in Botany III and Zoology III.

About eight lectures and practical classes, dealing with aspects of genetics and evolution, as part of Botany III (266) and Zoology III (276).

Modern theory of evolution; variation and its conservation; gene frequency; selection; polymorphism; taxonomic and natural species; 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 book:

- Clausen, J., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).

### 299. 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 aspect 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 SUBJECT.

The Genetics Department also provides syllabus 393. (See under Agricultural Science.)

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## MICROBIOLOGY.

### 306. Microbiology.

Pre-requisite subjects: *Group A*: General Physics (221) or Physics I (223); Chemistry I (231); and either Biology (270) or Botany I (261) or Zoology I (271); *Group B*: Any two of Physical and Inorganic Chemistry II (233); Chemistry II (244); Organic Chemistry II (243); Botany II (263); Zoology II (273); Biochemistry I (former subject); Genetics I (293); Physiology I (333) (from 1963); Bacteriology I (former subject).

Students intending to take up a career in Microbiology are strongly recommended to precede their Microbiology course with Biochemistry I (283) and either Botany II (263) or Zoology II (273).

The course consists 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; mutation and recombination of genetic material in bacteria and bacteriophage; microbes as pathogens and the host-parasite relationship including immunology, immuno-chemical 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., Adelberg and Doudoroff, *General microbiology* (Prentice-Hall).

Gale, E. F., *Chemical activities of bacteria*.

Cushing, J. E., and Campbell, D. H., *Principles of immunology*.

### 309. Microbiology for the Honours Degree of B.Sc.

Pre-requisite subject: Bacteriology II (former subject) (in 1961); Microbiology (306) (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.

The Microbiology Department also provides syllabuses 542 (See under Medicine); 695 (See under Pharmacy); 866 and 867 (See under Technology).

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## PSYCHOLOGY.

### 313. Psychology I (S).

Pre-requisites: General Physics or Physics I, Chemistry I, General Mathematics or Mathematics I, Zoology I or Biology. (N.B.—An intending candidate is advised to consult the Professor of Psychology early in January.)

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.

There will be 3 hours of lectures, 1 hour tutorial, and 5 hours laboratory practical work a week.

Preliminary reading:

- Zangwill, O. L., *Introduction to modern psychology* (Methuen).  
Hebb, D. O., *A text-book of psychology* (Saunders).

Text-books:

- Stevens, S. S., *Handbook of experimental psychology* (Wiley).  
Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).  
Drever, J., *A dictionary of psychology* (Penguin).

Reference books:

- Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).  
Thorpe, W. H., *Learning and instinct in animals* (Methuen).  
Wenger, M. A., Jones, F. M., Jones, M. H., *Physiological psychology* (Holt).  
Guilford, J. P., *Fundamental statistics in psychology and education*, 2nd edition (McGraw-Hill).  
Siegel, S., *Non-parametric statistics* (McGraw-Hill).  
Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).  
Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).

### 316. Psychology II (S) (from 1964).

Pre-requisites: A Division I pass in Psychology I (S) and one of Chemistry II, Cell Physiology, Physiology I or Zoology II.

This course is designed (i) to provide an advanced course of study organised around the themes of personality and experimentally based theories of normal and abnormal behaviour, including an introduction to psychopharmacology, (ii) to include 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, and (iii) to provide an advanced course of study of sensory psychology.

There will be 3 hours of lectures, 1 hour tutorial, and 8 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.

Text-books:

- Stevens, S. S., *Handbook of experimental psychology* (Wiley).  
Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).

Reference books:

- Hebb, D. O., *The organisation of behaviour* (Wiley).  
Pavlov, I. P., *Lectures on conditioned reflexes* (O.U.P.).  
Waters, R. H., Rethlingshafer, D.A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).  
Eysenck, H. J., *Dynamics of anxiety and hysteria* (Kegan Paul).  
Broadbent, D., *Perception and communication* (Pergamon).  
Welford, A. T., *Ageing and human skill* (O.U.P.).  
Geldard, F. A., *The human senses* (Wiley).

### 319. Psychology for the Honours Degree of B.Sc. (from 1965).

Pre-requisite: Candidates must have reached a satisfactory standard in Psychology II (S).

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.

## HISTOLOGY.

## 321. Human Biology.

This course consists of two lectures or lecture-demonstrations a week for three terms.

The first lectures deal with the characteristics of living matter in general, the living cell, and the basic structure 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 their repair following injury, 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 congenital 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).

## Reference books:

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).  
Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).  
Harrison, R. J., *Man the peculiar animal* (Pelican).  
Sinclair, D. C., *Introduction to functional anatomy*, Parts I and II (Blackwell).

Further references to special subjects may be given during the course of lectures.

## 326. Histology.

Pre-requisite subject: Physiology I (333) at Division I or higher standard.

The course consists of three lectures and not less than twelve 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., and Leeson, T. S., *Histology*, 4th edition (Lippincott); or  
Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders).

## Reference books:

- 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).

Other references will be given during the course.

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 PHYSIOLOGY

## 333. Physiology I.

Pre-requisite subjects: General Physics (221) or Physics I (223), Chemistry I (231) and either Biology (270) or Zoology I (271).

This course, which will not be offered until 1962, consists of two approximately equal parts of Histology and Physiology.

**Histology:** The course comprises about 30 lectures and 80 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 36 lectures and 80 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).  
 Winton, F. R., and Bayliss, L. E., *Human physiology*, 4th edition (Churchill).

## Reference books:

- Abbie, A. A., *Principles of anatomy* (Angus and Robertson).  
 Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).  
 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).  
 New York (State) Downstate Medical Center, *Humors, hormones and neurosecretions*, by C. McC. Brooks and others (State University of New York, 1962).

## 336. Physiology II.

Pre-requisite subject: Physiology I (333) at Division I or higher standard. Further it is recommended that students should have completed the course in one of the following: Biochemistry I (former subject), Cell Physiology (284), Chemistry II, Organic Chemistry II (243), Physical and Inorganic Chemistry II (233), Physics II (223).

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).  
Ruch, T. C., and Fulton, J. F., *Medical physiology and biophysics* (Saunders).

Reference books:

- Handbook of physiology*, Section I, Volume I—*Neurophysiology* (American Physiological Society).  
Best, C. H., and Taylor, N. B., *The physiological basis of medical practice*, 7th edition (Williams and Wilkins).  
Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (Oxford University Press).  
Bayliss, L. E., *Principles of general physiology*, 5th edition, Vol. 2 (Longmans).  
Drill, V., *Pharmacology in medicine*, 2nd edition (McGraw-Hill).  
Laurence, D. R., *Clinical pharmacology*, 2nd edition (Churchill).

**339. Physiology, or Pharmacology for the Honours Degree of B.Sc.**

**Physiology for the Honours Degree of B.Sc.**

Pre-requisite subject: Physiology (286) (1963 only: see Calendar for 1962); Physiology II (336) (from 1964).

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the physiology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Physiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Human Physiology and Pharmacology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

**Pharmacology for the Honours Degree of B.Sc.**

Pre-requisite subjects: Physiology (286) (1963 only: See Calendar for 1962); Physiology II (336) (from 1964).

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.

**ADDITIONAL SUBJECTS.**

The Physiology Department also provides syllabuses 156 (See under Physical Education); 523, 533, 544 (See under Medicine); 624, 634 (See under Dentistry); 694 (See under Pharmacy); and 715 (See under Physiotherapy).

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**AGRICULTURAL SCIENCE**

**221. General Physics.**

For syllabus, see under the Faculty of Science.

**231. Chemistry I.**

For syllabus, see under the Faculty of Science.

**244. Chemistry II.**

For syllabuses, see under Faculty of Science.

**251. Geology I.**

For syllabuses, see under Faculty of Science.

**261. Botany I.**

For syllabus, see under the Faculty of Science.

**271. Zoology I.**

For syllabus, see under the Faculty of Science.

**351. Agricultural Biochemistry I.**

A course of one lecture and three hours practical work a week for three terms, dealing with the structural chemistry and intermediary metabolism of viruses, micro-organisms, plants, insects and higher animals, including the following topics: uptake and utilisation of nutrients by the plant; photosynthesis; metabolism of nitrogenous compounds; relationship between structure and function of agricultural chemicals; fermentation processes; ruminant metabolism; aspects of cereal and dairy chemistry. Practical work will consist of experiments related to the above topics.

A box of analytical weights with a certificate of accuracy will be supplied.

**Text-books:**

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

**353. Agricultural Biochemistry II.**

A course of nine hours' lectures and practical work a week for three terms. The course includes advanced aspects of physical chemistry, organic chemistry and biochemistry relating to the soil-plant-animal interaction. The following topics are discussed: chemical techniques as applied to agricultural problems; lipoprotein structures in relation to uptake and transport of nutrients; the physical, organic and biochemistry of proteins and nucleic acids; mechanisms of enzymic catalysis; the biochemistry and physiology of vertebrate and insect hormones; chemical aspects of response to the environment in micro-organisms, plant and animal; chemical mechanisms controlling cell growth, cell division and cell enlargement; the further aspects of relationship between structure and function in agricultural chemicals; the chemistry of viruses; biochemical genetics. The practical work will consist of experiments related to the above topics and will include projects of an investigational nature.

**Reference books:**

In addition to the text-books for Chemistry II and Agricultural Biochemistry I, the following are recommended:

Dixon, M., and Webb, E. C., *Enzymes* (Longmans).

Colowick, S. P., and Kaplan, N. O., *Methods in enzymology*, Vols. I-IV (Academic Press).

Talbot, Sobel, McArthur and Crawford, *Functional endocrinology* (Harvard).

**354. Soil Science I.**

A course of one lecture and three hours' practical work a week for three terms, dealing with aspects of the chemistry and physics of soils, including soil morphology and soil mineralogy. Topics considered include: soil classification; soil formation; physical chemistry of soil minerals; chemistry of plant nutrients supplied by soil; soil organic matter; soil water; soil gases; some aspects of

wind and water erosion, irrigation and drainage. Practical work will consist of experiments related to the above topics. A box of analytical weights with a certificate of accuracy will be supplied.

Text-books:

- Russell, E. W., *Soil conditions and plant growth*, 9th edition (Longmans).  
 Leeper, G. W., *Introduction to soil science* (M.U.P.).

Reference book:

- Stephens, C. G., *A manual of Australian soils* (C.S.I.R.O.).

### 355. Soil Science IA.

The course of lectures and practical work is identical with that for Soil Science I (354). Students taking the Soil Science IA course will be expected to undertake additional work which will be concerned with the soil-plant interaction.

A box of analytical weights with a certificate of accuracy will be supplied by the Department.

### 356. Soil Science II.

A course of nine hours lectures and practical work a week for three terms devoted to more advanced studies of the topics listed for Soil Science I (379).

The following topics are discussed: geomorphology and geochemistry; soil genesis; structure and surface properties of clay minerals and accessory minerals; adsorption and swelling phenomena in soils and clays; the flow and diffusion of water and gases in soils; heat flow; thermodynamics of soil water; soil physical conditions and plant growth; ion exchange; behaviour of ions in soils with special reference to nutrient uptake by plants; soil microbiology; chemistry of organic matter and nitrogen transformations in soils.

Practical work will be related to the above topics and will include work on specific projects.

In addition to those text-books listed for Soil Science I (379), the following books are recommended:

Reference books:

- Grim, R. E., *Clay mineralogy* (McGraw-Hill).  
 Baver, L. D., *Soil physics*, 3rd edition (Wiley).  
 Bear, F. E., *Chemistry of the soil* (Reinhold).  
 Black, C. A., *Soil plant relationships* (Wiley).  
 Marshall, C. E., *The colloid chemistry of the silicate minerals* (Academic Press).  
 Jenny, H., *Factors of soil formation* (McGraw-Hill).  
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

### 359. Agricultural Biochemistry, and Soil Science, 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.

### 360. Agricultural Botany.

A course of one lecture and three hours' practical work each week for two terms devoted to the application of botanical principles to an understanding of growth, yield and quality of economic plants.

Pastures: meristems; differentiation and leaf growth; the influence of internal and external factors on the growth of leaves.

Weeds: morphological and physiological characteristics of roots, rhizomes, tubers and bulbs; physiological action of different types of weedcides.

Fruit trees: changes during development and maturation of selected fruits; the influence of growth regulators on fruit bud initiation and development; post-harvest physiology of fruit.

Cereals: morphology of the cereal ear; starch granule synthesis; the influence of environment on development of the ear; physiological aspects of germination.

No text-books are required, but selected reading will be assigned.

### 361. Agriculture I.

The course consists of one lecture and two hours' practical work a week for three terms covering:

(a) The history of agriculture; agricultural resources; world population and nutritional standards; the ecology of world crop and livestock distribution; the agriculture of various regions; the history of Australian agriculture; the Australian environment, crop and livestock distribution.

(b) Climatology. The elements of world climate; climates of Australia; evaporation and rainfall effectiveness; length of growing season; weather variability and hazards; microclimatology; weather modification.

Text-books:

C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).

Andrews, J., *Australia's resources and their utilisation* (University of Sydney).

Reference books:

Hare, F. K., *The restless atmosphere* (Hutchinson).

Miller, A. Austin, *Climatology*, 8th edition (Methuen).

Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).

Russell, E. J., *World population and world food supplies* (Allen and Unwin).

### 362. Agriculture II.

A course of one lecture and three hours' practical work each week for three terms.

Factors in plant production; species and strain, plant introduction, adaptation, ecotypes, selection and breeding of improved varieties, seed certification; soil conditions; growth and nutrient supply, diagnosis and correction of common deficiencies; soil pH and plant growth; growth on saline and alkali soils; influence of soil physical conditions on plant growth; irrigation, tillage, and mulching.

The production and utilization of cereal crops.

Reference books:

Callaghan, A. R., and Millington, A. J., *The wheat industry in Australia* (Angus and Robertson).

Clausen, J., *Evolution of plant species* (Cornell).

Leeper, G. W., *An introduction to soil science* (M.U.P.).

Russell, E. J., *Soil conditions and plant growth* (Longmans).

Shaw, B. T. (ed.), *Soil physical conditions and plant growth* (Academic Press).

### 363. Agriculture III.

Crop Production.—The production and utilization of food, fibre, oil and miscellaneous crops.

Irrigation and Farm Water Supplies.—Potential and present development of irrigation. Principles of the design of irrigation systems.

Pastures.—Species and strains of pasture plants, ecotypes and adaptation. Their importance in the agricultural economy; pasture ecology and fertilizer practice; establishment, maintenance and management in various environments; the dynamic nature of pasture, competition and grass-legume relationships; the effect of environment on production and physiology; the effect of the grazing animal.

Pasture Utilization and Grazing Management.—Principles and practice in various environments.

Fodder Conservation.—Principles and practice in contrasting environments in relation to problems of quality and quantity.

Land Use.—Changes in productivity under various systems of farming; trends in land utilization in Australia and overseas.

Text-book:

C.S.I.R.O., *The Australian environment*, 3rd edition (M.U.P., 1960).

Reference books:

Donald, C. M., *Pastures and pasture research*, 2nd edition (University of Sydney, 1946).

Hubbard, C. E., *Grasses* (Pelican Books, 1954).

Molnar, I. (ed.), *A manual of Australian agriculture* (Heinemann, 1961).

Wadham, S., Wilson, R. K., and Wood, Joyce, *Land utilization in Australia*, 3rd edition (M.U.P., 1957).

Whyte, R. O., *Crop production and environment*, 2nd edition (Faber and Faber, 1960).

Whyte, R. O., Trumble, H. C., and Willson, G. Liessner-, *Legumes in agriculture* (F.A.O., 1953).

Whyte, R. O., Moir, T. G. R., and Cooper, J.P., *Grasses in agriculture* (F.A.O., 1959).

Zimmermann, E. W., *World resources and industries*, Revised edition (Harper, 1950).

### 364. Agronomy.

A course of nine hours a week covering:

- (a) Growth, development and speciation of pasture plants, competition among crop and pasture plants, weeds and weed control, physical and chemical aspects of soil fertility, irrigation and drainage, and experimental method in agronomic research.
- (b) Practical classes and seminars related to the above topics.
- (c) A project of individual study in pasture or crop agronomy together with a study of relevant literature.

Reference books:

Such books and papers as are prescribed during the course.

### 365. Animal Husbandry I.

The course comprises the following sections:—

Animal Physiology.—A course of one lecture a week for two terms and two hours' practical work for one term. An introduction to the physiology of heart and circulation; blood and spleen; respiration; the nervous system; renal function; endocrines; digestion. Practical work includes a dissection of the sheep and an examination of the microscopic structure of tissues and organs.

Animal Nutrition.—A course of one lecture a week for two terms dealing with nutritional balances; animal calorimetry; basal metabolism; energy requirements and the dietary systems; protein metabolism and requirements for growth and production; mineral requirements, deficiencies and excesses.

Animal Production.—A course of one lecture a week for one term which deals with practical nutrition and problems of management and production in the Australian livestock industries.

Animal Breeding.—A course of one lecture a week for one term introducing the main postulates of population genetics; mass selection; aids to selection; breeding systems; migration and breed structure.

Reference books:

May, N., *The anatomy of the sheep* (Queensland U.P.).

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).

Ham, A. W., *Histology*, 2nd edition (Lippincott).

Maynard, L. A., and Loosli, J. K., *Animal nutrition* (McGraw-Hill).

Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).

**366. Animal Husbandry II.**

A course of about nine hours lectures and practical work a week for three terms.

Anatomy: A series of lectures on the comparative anatomy of domestic animals; practical dissection involves the special anatomy of the sheep; histology.

Animal Physiology: ruminant digestion and metabolism; mineral metabolism and deficiency diseases; climate physiology and animal ecology; reproduction and lactation; endocrines and homeostasis; growth and development.

Principles of disease control in domestic animals: epidemiology and immunity; bacterial, virus, and protozoal diseases; external parasites; significance of exotic diseases to Australia.

Animal production: animal management and features of sheep, beef, dairying and pig production.

Reading lists will be provided. These will include recent scientific reviews, selected papers and sections of various text-books.

**367. Botany IIB.**

This course includes (i) the same work in Plant Physiology and Plant Geography and Ecology as science students in Botany II (263) during the first and third terms; (ii) the same work as science students in Botany III (266) during the second term.

A. PLANT PHYSIOLOGY (i).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and General Physics.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. PLANT PHYSIOLOGY (ii).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

C. PLANT ECOLOGY AND PLANT GEOGRAPHY, AND ANGIOSPERM SYSTEMATICS.—

The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 specimens of South Australian plants collected and named by themselves.

Practical work extending over eight hours a week throughout the course is arranged in connection with the lectures. Field work will be arranged in conjunction with the course in Ecology, see Botany II (263). For text-books and reference books, see Botany II (263).

**368. Plant Breeding.**

A course of nine hours a week of lectures and practical work for three terms covering the principles of plant breeding in agriculture.

Breeding methods in relation to mode of reproduction; critical analysis of breeding and selection methods; techniques of selfing and crossing; variability and its utilization; experimental design and statistical methods; breeding for disease and insect resistance; field testing and seed certification.

Reference books:

Allard, R., *Principles of plant breeding* (Wiley).

Elliott, F. C., *Plant breeding and cyto-genetics* (McGraw-Hill).

Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding*, 2nd edition (McGraw-Hill).

### 369. Agronomy, Animal Husbandry, Genetics, and 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.

### 374. Entomology I.

A course of 1 lecture and 2 hours practical work a week for two terms covering an introduction to:

- (1) The morphology, development and classification of insects.
- (2) Insect physiology and biochemistry.
- (3) The effects of environment on insect numbers.
- (4) The principles of insect control.

Students will be required to make a collection of 50 species of insects with a full record of observations made at the time of collection. (Minimum 1,000 words). Both collection and notes 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 collected by intending students from the Entomology Department before this vacation.

Text-book:

Imms, A. D., *Outlines of entomology*, 5th edition (Methuen, 1959).

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 plant protection* (Longmans).

Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).

### 376. Entomology II.

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 and the control of insect numbers by natural and applied means.
- (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 not less than 500 insects, properly mounted and identified to species and a slide collection illustrating the morphological and taxonomic features of insects. The collection shall be commenced in the long vacation preceding the course. Equipment may be vacation. The collection must be submitted in the first week of the final term.

Text-book:

Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 1957).

Reference books:

Anderson, R. F., *Forest and shade-tree entomology* (Wiley, 1960).

Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (University of Chicago Press, 1954).

Bailey, N. T. J., *Statistical methods in biology* (English Universities Press).

Snodgrass, R. E., *Principles of insect morphology* (McGraw-Hill, 1935).

Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).

Wigglesworth, V. B., *Principles of insect physiology*, 5th edition (Methuen, 1953).

**379. Entomology 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.

**380. Agricultural Microbiology.**

A course of six hours a week for one term.

An introduction to the micro-organisms; their morphology, physiology, cultivation and general classification; the importance of micro-organisms in soil, water and air, and their use in 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).

**381. Plant Pathology I.**

A course of one lecture and two hours' practical work each week for two terms covering:

The nature of plant disease; physiological disorders and diseases caused by bacteria, viruses, fungi, nematodes with examples of each class occurring in Australia; 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).

**382. Plant Pathology II.**

A course of nine hours a week for three terms covering:

(a) The history of plant pathology; the classification and morphology of the 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; basic principles of plant disease control; 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. G., *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).  
 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., *Disease of field crops*, 2nd edition (McGraw-Hill).  
 Dowson, W. J., *Plant diseases due to bacteria*, 2nd edition (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).

**389. 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.

**390. Biometry.**

A brief introduction to the methods of statistics applied to agricultural science; distributions, estimates of probability and the concept of significance; comparisons of means and the t-test; the analysis of variance and the variance ratio test; the design and analysis of experiments; correlation and regression and the analysis of covariance; the binomial and Poisson distributions; the  $\chi^2$  distribution, tests of independence and goodness of fit; transformation of data; sampling.

## Reference books:

- Wishart, J., and Sanders, H. G., *Principles and practice of field experimentation*, 2nd edition (Commonwealth Bureau of Plant Breeding and Genetics, Cambridge, 1955).  
 Goulden, C. H., *Methods of statistical analysis*, 2nd edition (Wiley; Chapman and Hall).  
 Finney, D. J., *An introduction to statistical science in agriculture* (Oliver and Boyd).

**391. Farm Engineering.**

A course of one lecture a week for three terms dealing with the principles, construction and performance of farm implements and machinery, including implements of tillage, seeding, haymaking, harvesting and transport and machinery for processing of agricultural products.

The principles governing the operation of internal combustion engines, boilers, electrical motors, and refrigeration.

## Reference books:

- Know your tractor* (Shell).  
 Bainer, R., and others, *Farm machinery* (Wiley).  
 Henderson, S. M., and Perry, R. L., *Agricultural process engineering* (Wiley).  
*Farm electrification handbook* (Electricity Supply Association of Australia).  
 Barger, E. L., et al., *Tractors and their power units* (Wiley).  
 McColly, H. F., and Martin, J. W., *Introduction to agricultural engineering* (McGraw-Hill).  
 Smith, H. P., *Farm machinery and equipment* (McGraw-Hill).

**393. Genetics IA.**

This course in general genetics consist of one lecture and two hours practical work a week for three terms.

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. Inbreeding and outbreeding. Genetics and evolution.

## Text-books:

- Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).  
 Mather, K., *The measurement of linkage in heredity* (Methuen).  
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

## Reference books:

- Darlington, C. D., *The facts of life* (Allen and Unwin).  
 Mather, K., *Statistical analysis in biology* (Methuen).  
 Sager, R., and Ryan, F. J., *Cell heredity* (Wiley).

**394. Horticulture.**

A course of about nine hours each week of lectures, practical work, demonstrations and field trips for three terms.

Emphasis will be given to the preparation of reports on assigned topics.

Environmental factors affecting horticultural crops; climatic and edaphic.

The normal growth of horticultural crops; summer and winter growth, dormancy, bud development, flowering and set, fruit morphology and physiology.

The principles underlying such practices as propagation, soil management, irrigation, pruning, crop regulation, harvesting and storage, processing, pest control, the use of growth regulators; consideration of variety improvement, experimental methods, organisation of research and extension, and legislation.

Horticulture in the world and Australia in particular, and the culture of important horticultural crops.

No text-books are required but selected reading will be assigned.

**399. Horticulture, and Plant Physiology, 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.

**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.

Students seeking to do practical work during any vacation at Roseworthy Agricultural College must advise the Principal of Roseworthy Agricultural College a fortnight before the commencement of the May or August vacation, and by the 15th November in the case of summer vacations.

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.

During the third year of the course, the day spent each week at Roseworthy Agricultural College will include two to three hours of demonstration of various farm practices.

### The Honours Degree of B.Ag.Sc.

The Honours degree in Agricultural Science may be taken in Agricultural Biochemistry, Agronomy, Animal Husbandry, Entomology, Genetics, Horticulture, Plant Breeding, Plant Pathology, Plant Physiology, and Soil Science. (See syllabuses 359, 369, 379, 389, and 399.)

## FACULTY OF ENGINEERING

### 402. Architectural Theory, Construction and Practice II.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Design II; Architectural Design III should be taken concurrently.

**PART A:** Fine arts and aesthetics: A course of lectures and a series of visits to art collections in which a study is made of the elements common to all art: the means of expression; the bases of criticism; common terminology; appreciation. As a means of training the critical faculty a study is made of past theories and their practical effects, successes and failures.

**Text-books:**

- Halliday, F. E., *Five arts* (Duckworth).
- Robertson, H. M., *Principles of architectural composition* (Architectural Press).
- Robertson, H. M., *Modern architectural design* (Architectural Press).
- Newton, E., *European painting and sculpture* (Penguin).

**Reference books:**

- McMahon, A. P., *Art of enjoying art* (Whittlesey House).
- Scott, G., *Architecture of humanism* (Constable).
- Clark, K., *Gothic revival* (Constable).
- Read, H., *Art and industry* (Faber).
- Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).
- Malraux, Andre, *The voices of silence* (Doubleday).
- Mumford, L., *Art and technics* (O.U.P.).

**PART B:** History of furniture design: A course of lectures on the development and design of English furniture from about 1550 to about 1830, with visits to collections.

**Text-book:**

- Gottshall, F. H., *How to design period furniture* (Batsford).

**Reference books:**

- Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).
- Cotchett, L. E., *The evolution of furniture* (Batsford).

**PART C:** Historical development of planning: historical survey as a preliminary to planning. Ancient planning in Egypt, Mesopotamia, etc. Greek, Hellenistic and Roman planning. Mediaeval planning—the development of mediaeval towns and bastides. The Renaissance—the rise and design of the Renaissance towns. The Industrial Revolution and modern tendencies—forms and growth of transport, ideal towns and the impact of social reform. Planning of the Australian capital. Planning in the Australian colonies—early planners and influences from abroad.

**Text-books:**

- Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).
- Association for Planning and Regional Reconstruction, *Town and country planning text-book* (Architectural Press).
- Brown and Sherrard, *Town and country planning* (M.U.P.).

## Reference books:

- Haverfield, F., *Ancient town planning* (Clarendon).  
 Childe, G., *What happened in history* (Pelican).  
 Summerson, J., *Georgian London* (Pleiades Press).  
 Howard, E., *Garden cities of tomorrow*, ed. F. J. Osborn (Faber).  
 Tout, T. F., *Mediaeval town planning* (Manchester U.P.).  
 Hughes and Lamborn, *Towns and town planning*.  
 Hackett, B., *Man, society and environment* (Marshall).  
 Stewart, C., *A prospect of cities* (Longmans).  
 Walkley, G., *Pioneer planning of British Colonies* (Proceedings of the R.G.S., S.A. Branch, Session 1954-55).

**PART D: 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, 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.

**PART E: Practical work:** A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

## 403. Architectural Theory, Construction and Practice III.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Theory, Construction and Practice II.

**PART A: Acoustics of buildings:** General phenomena, geometrical investigation, reverberation, methods of using absorption materials, loudness and intelligibility, pitch and quality, musical sounds and partials, analysis of rooms for various purposes; transmission of sounds, noise reduction. Exercises on the practical application of the above principles.

## Text-book:

Knudsen and Harris, *Acoustical designing in architecture* (Wiley).

## Reference book:

Bagenal, H., and Wood, Alex., *Planning for good acoustics* (Methuen).

**PART B: Heating and ventilation:** Standards of comfort, humidity, air movement, transfer of heat, coefficients, systems involved, pipe sizes, movement of air, evaporative cooling, conditioned air, duct sizes, systems involved, hot water supply, reticulation and equipment. The codes and regulations involved.

**PART C: Electrical installations:** General principles involved with demonstrations in the electrical laboratory; wiring systems, switchboards, equipment, illumination. Lifts, etc.: Traffic studies, capacities, types, methods of operation, safety devices, indicator systems, signalling systems. The codes and regulations involved.

**PART D: Professional practice:** The architect in his relation to client and to builder; the functions of the architect, consultants; office management; business relations; ethics; the R.A.I.A. code; the architect and the law; contract documents; R.A.I.A. conditions of contract; arbitration; architects' charges; dissection of services; R.A.I.A. scales of charges, competitions; R.A.I.A. control and requirements.

## Reference books:

- Hudson, A. A., *Law of building and engineering contracts* (Sweet and Maxwell, or Law Book Co.).  
 Creswell, H. B., *Honeywood file* (Architectural Press).  
 Creswell, H. B., *Honeywood settlement* (Architectural Press).  
 R.A.I.A. Year Book, *Standard documents*.  
*Time saver standards* (Architectural Record).  
 Eggleston, A. S., *The practising architect* (M.U.P.).

**PART E: Town planning practice:** A course of lectures and some practical exercises on the practice of town and country planning. The nature and purpose of planning. Survey and analysis. Land use. Zoning. Communications. Building developments. Population densities. Floor space index. The master or broad outline plan. The detail plan. Technique of presentation.

Text-book:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).

**PART F: Practical work:** A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Visits to buildings, complete or under construction. Estimating; examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

#### 404. Economics (Engineering).

This course is offered annually for students proceeding to the degree of Bachelor of Engineering and is available to such students only. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics; national income—its production, distribution and disposal; the structure of the modern economy.
2. The determination of the level of economic activity and associated problems, including some reference to money and banking.
3. The determination of prices; industrial organisation and problems of industrial policy in Australia.

Text-books:

Downing, R. I., *National income and social accounts*, 6th edition (M.U.P.).

Tew, H. R. B., *Wealth and income*, latest edition (M.U.P.).

Leftwich, R. H., *The price system and resource allocation*, revised edition (Holt, Rinehart, Winston, New York).

Bain, J. S., *Price theory* (Holt).

Karmel, P. H., and Brunt, M., *The structure of the Australian economy* (Cheshire).

Samuelson, P. A., *Economics*, 4th or 5th edition (McGraw-Hill).

Reference books:

Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).

Galbraith, J. K., *American capitalism* (Hamish Hamilton; Houghton Mifflin).

Additional references will be prescribed by the lecturers.

#### 405. Management Accounting (Engineering).

This course is offered annually for students proceeding to the degree of Bachelor of Engineering and is available only to such students and to other students approved by the Professor of Commerce. It comprises two lectures (each of one hour) a week throughout the academic year plus tutorial sessions (each of two hours) as arranged. Written assignments will be set for each tutorial. 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; concepts and measurement of costs, income and funds employed; analysis and interpretation of accounting data for financial purposes; accounting as an analytical tool in management, with particular reference to planning, decision-making and control; investment planning and control; the cost of capital; inventory control; budgeting; cost accounting systems (controlled historical cost accounting, standard costing, variable costing, mechanised and electronic accounting); the problem of overhead and joint costs; the relationship between costs and output; cost concepts in relation to business policy decisions.

Text-books:

Mathews, R. L., *Accounting for economists* (Cheshire).

Bennett, J. W., Grant J. McB., and Parker, R. H., *Financial mathematics and accounting*.

Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.

Additional references will be prescribed by the lecturers.

**406. Mechanics.**

Pre-requisite subject: General Mathematics (201) or Mathematics I (202).

The course consists of two lectures and one tutorial class a week and is given annually. It deals with the general principles of statics and dynamics, and with applications to engineering problems.

Text-book:

Singer, F. L., *Engineering mechanics* (Harper).

**407. Mathematics II (Engineering).**

Pre-requisite subject: Mathematics I (Engineering) (213).

The course consists of three lectures and one tutorial class a week and is given annually. It deals with the following: differential equations, Laplace transforms, Fourier series, partial differential equations, functions of complex variables, theory of vibrations, vector analysis, statistics.

Text-books:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

Halstead, H. J., *An introduction to statistical methods* (Macmillan).

Reference books:

Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).

Tippett, L. H. C., *Technological applications of statistics* (Wiley).

**408. Mathematics III (Engineering).**

Pre-requisite subject: Mathematics II (Engineering) (407).

The course consists of two lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: matrices, complex variable theory, vector integral calculus, Bessel functions, numerical analysis, statistics, numerical and analogue solution of the common differential equations of physics and engineering.

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

Reference book:

Crandall, S. H., *Engineering analysis* (McGraw-Hill).

**411. Physics A (Engineering).**

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering in Physics, Mathematics and Chemistry at the Leaving Honours Examination.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

Properties of matter, wave motion, heat, geometrical and physical optics, acoustics, electricity and magnetism, and atomic and nuclear physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the course in Physics I (222).

**412. Chemistry IIB.**

Pre-requisite subject: Chemistry IIA (234).

One lecture a week throughout the year devoted to organic chemistry, with special reference to reactions of interest in chemical industry.

(For book lists, see under Syllabus 234.)

**413. Architectural Design III.**

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subjects: Architectural Design II, Architectural Theory, Construction and Practice I (former subjects). Architectural Theory, Construction and Practice II (402) should be taken concurrently.

A continuation of the course of study in Design II, including more advanced planning problems, places of entertainment, decoration and display technique, grouping of buildings, relationship to environment, and landscape architecture. Problems are related to the working-drawing and specification courses covered in Architectural Theory, Construction and Practice II.

Reference books:

- Michaels, L., *Contemporary structure in architecture* (Reinhold).  
 Robertson, H., *Principles of architectural composition* (Architectural Press).  
 Guptill, A. L., *Colour in sketching and rendering*.  
 Neutra, R., *Survival through design* (O.U.P.).  
 Giedion, S., *Architecture, you and me* (Harvard U.P.).

#### 414. Geology I (Engineering).

LECTURES.—The lectures given in Geology I (251).

PRACTICAL WORK.—Two one-hour demonstrations 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 (251).

#### 415. Geology IIA.

Pre-requisite subject: Geology I (251) at Division I or higher standard.

Students taking the course for the degree of B.E. in Mining Engineering attend lectures and practical work in the petrology and structural sections of Geology II (253). Field work as for Geology II (253). Students are required to consult the lecturer before the course begins.

#### 416. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology IIA (415).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted during the third term.

LECTURES.—A course of about twenty lectures dealing with the occurrence, distribution and form of mineral deposits, their genetic classification and systematic classification; the localisation of ore shoots; secondary processes and their results; metallogenetic provinces and epochs; the tenor of ores and the significance of impurities; sampling and prospecting operations; geological factors in the development of ore and ore finding.

LABORATORY WORK.—A course of demonstrations using suites of rock and ore specimens from various mining fields; the examination of ore and gangue minerals by transmitted and reflected light; methods of geological survey in mines and the compilation and use of geological mine maps and sections.

Text-books:

- Lindgren, W., *Mineral deposits*, 4th edition (McGraw-Hill).  
 Bateman, A. M., *Economic mineral deposits* (Wiley).  
 McKinstry, H. E., *Mining geology* (Prentice-Hall).  
 Edwards, A. B. (ed.), *Geology of Australian ore deposits* (5th Empire Mining and Metallurgical Congress, Vol. I).

Reference books:

- Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).  
 Newhouse, W. H., *Ore deposits as related to structural features* (Princeton U.P.).

**418. Architectural Thesis.**

Pre-requisite subject: Architectural Design III. Structural Design must be taken concurrently if not already passed.

Students comply with the R.A.I.A. testimonies of study requirements in architectural design and prepare an original design for a building costing not less than £500,000, submitting with it a report explaining the basis of the design, with references. The work is to be done as far as possible without assistance.

**420. General Engineering.**

A series of lectures on the broad scope of Engineering including its historical background and sociological implications.

Students are given an opportunity during the course of inspecting the facilities and learning something of the research objectives of the Engineering Departments of the University.

**421. Civil Engineering I.**

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Strength of Materials (432), Engineering Drawing and Design (472).

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, two- and three-pin arches and suspension 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:

Speedie, M. G., and O'Donnell, I. J., *Foundation practice* (Tait Book Co.).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

Pearson, R. G., *Timber engineering design handbook* (M.U.P.).

Norris, C. H., and Wilbur, J. B., *Elementary structural analysis* (McGraw-Hill); or

Sutherland, H., and Bowman, *Structural theory* (Wiley); or

Timoshenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill); or

Carpenter, S. T., *Structural mechanics* (Wiley).

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.

*Manual metallic arc welding in building construction*, Interim 352.

*Code for concrete in building*, CA.2.

## Reference books:

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

Hough, B. K., *Basic soils engineering* (Ronald).

**422. Civil Engineering S.**

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Strength of Materials (432), Engineering Drawing and Design (472).

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); or  
 Grinter, L. E., *Theory of modern steel structures*, Vols. I and II (Macmillan).  
 Standards Association of Australia:  
*Minimum design loads on buildings*, Interim 350.  
*Structural steel in buildings*, Interim 351.  
*Manual metallic arc welding in building construction*, Interim 352.  
*Code for concrete in building*, CA.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).

#### 423. Civil Engineering IIA.

Pre-requisite subjects: Surveying A (433), Civil Engineering I (421), and Hydraulics A (426).

A course of about 80 lectures dealing with soil mechanics; surveying; hydraulics; water supply; transport engineering; harbour engineering.

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).

Reference books:

- Rouse, H., *Engineering hydraulics* (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).  
 Hewes, L. J., and Oglesby, C. H., *Highway engineering* (Wiley).  
 Bannister, A., and Raymond S., *Surveying* (Pitman).  
 War Office, *The text-book of field astronomy*; revised by Biddle, C. A. (H.M.S.O., 1958).  
*The star almanac for land surveyors*, for the current year (H.M.S.O.).  
 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).

**424. Civil Engineering IIB.**

Pre-requisite subject: Civil Engineering I (421).

A course of about 50 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).

Pippard, A. J. S., and Baker, J. F., *Analysis of engineering structures*, 2nd edition (Arnold).

**425. 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 (423).

**426. Hydraulics A.**

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Graphics (471).

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 in Civil Engineering.

LECTURES: Fluid properties and the nature of fluid motion — steady, unsteady, uniform, non-uniform, rotational and irrotational; fundamental laws of fluid motion, 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, detailed treatment analytic and graphical (of Laplace form); 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. Ten lectures on hydrology and water supply complete the course.

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-book:

Rouse, H. (ed.), *Engineering hydraulics* (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).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

Duncan, W. J., Thom, A. S., Young, K. P., *An elementary treatise on the mechanics of fluids* (Arnold).

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold).

**427. Hydraulics B.**

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (406), Graphics (471).

This course consists of one lecture a week throughout the year and three hours' practical work a week for one term, and is taken by students intending to complete a degree in Mining Engineering.

LECTURES: Fluid properties and the nature of fluid motion—steady, unsteady, uniform, non-uniform, rotational, irrotational; fundamental laws of fluid motion, equation of motion (Euler); equation of continuity for compressible and incompressible flow; dimensional analysis and dimensionless groups; analysis of

flow in closed conduits — pipelines, networks (water and ventilation) steady and unsteady flow, water hammer; flow in open channels; flow through porous media, flow nets, graphical solutions, drainage problems; pump and fan characteristics, selection, use and matching to specific loads; model theory and application; hydraulic and aerodynamic measurements.

**PRACTICAL:** Laboratory experiments and design office studies are intended to illustrate the subject matter of the lectures.

Text-books (one of the following):

- Duncan, W. J., Thom, A. S., Young, K. P., *An elementary treatise on the mechanics of fluids* (Arnold); or  
 Rouse, H. (ed.), *Engineering hydraulics* (Wiley); or  
 Francis, J. R. D., *A text-book of fluid mechanics* (Arnold); or  
 Streeter, V. L., *Fluid mechanics* (McGraw-Hill); or  
 Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics with engineering applications* (McGraw-Hill).

Reference books:

- Prandtl, L., *Essentials of fluid dynamics* (Blackie).  
 Goldstein, S., *Modern development in fluid dynamics* (O.U.P.).  
 Jaeger, C., *Engineering fluid mechanics* (Blackie).

#### 428. Hydraulics S.

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Graphics (471).

This course consists of one lecture a week throughout the year and three hours' practical work a week for one term, and is taken by students intending to complete a degree in Electrical Engineering.

**LECTURES:** Fluid properties and the nature of fluid motion — steady, unsteady, uniform, non-uniform, rotational, irrotational; fundamental laws of fluid motion, equation of motion for inviscid fluid (Euler), the equation of continuity in general form for compressible and incompressible flow; elements of dimensional analysis and dimensionless groups; flow of fluids in closed conduits — pipelines, networks steady and unsteady flow, application to hydro-electric projects, surge-tank analysis and water hammer; flow around immersed bodies, Joukovsky lift theorem, elements of aerofoil theory, the nature of lift and drag, elements of boundary layer theory; model theory and application; characteristics of pumps, fans and turbines, performance and factors influencing their selection for particular application — cooling circuits, etc.; elements of magneto-hydrodynamics and application to special pumps; hydraulic measurements — digital and analogue.

**PRACTICAL:** Laboratory experiments and design office studies are intended to illustrate the subject matter of the lectures.

Text-books (one of the following):

- Duncan, W. J., Thom, A. S., Young K. P., *An elementary treatise on the mechanics of fluids* (Arnold); or  
 Francis, J. R. D., *A text-book of fluid mechanics* (Arnold); or  
 Streeter, V. L., *Fluid mechanics* (McGraw-Hill).

Reference books:

- Prandtl, L., *Essentials of fluid dynamics* (Blackie).  
 Rouse, H. (ed.), *Engineering hydraulics* (Wiley).  
 Jaeger, C., *Engineering fluid mechanics* (Blackie).  
 Streeter, V. L., *Fluid dynamics* (McGraw-Hill).  
 Rouse, H., *Advanced mechanics of fluids* (Wiley).

#### 430. Instrumentation.

Pre-requisite subjects: Mathematics II (Engineering) (407), Electrical Engineering S (440).

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 engineer handbook* (McGraw-Hill).  
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).  
 Carroll, J. M., *Transistor circuits and application* (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).

**432. Strength of Materials.**

Pre-requisite or concurrent subjects: Mathematics I (Engineering) (213), Mechanics (406).

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; Hooke's law; mechanical properties of materials; testing of materials; the strength and stiffness of beams; bending moment and shear force diagrams; moments of resistance; distribution of shearing stresses; built-up beams; bending not in plane of symmetry; bending not in plane of principal axes; riveted and welded joints; simple framed structures; combined stresses; plane stresses; principal stresses; theories of failure; deflections of beams; beams with fixed ends; continuous beams; plate girders; reinforced concrete beams; columns and struts; combined bending and axial loading of short columns; centrally and eccentrically loaded long columns; torsion of round shafts; combined bending and twisting; cylinders subjected to internal and external pressures; curved beams; strain energy; elements of experimental stress analysis; stress concentration.

**Text-book:**

Timoshenko, S., and Young, D. H., *Elements of strength of materials* (Van Nostrand).

**Reference book:**

Seely, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

**433. Surveying A.**

Pre-requisite subjects: General Mathematics (201), Graphics (471).

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 (435) before being credited with this subject.

**Text-book:**

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

**Reference books:**

- Bannister, A., and Raymond, S., *Surveying* (Pitman).  
 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 Chambers's *Shorter six-figure mathematical tables*, or Chambers's *Seven-figure mathematical tables*.

**434. Surveying B.**

Pre-requisite subjects: General Mathematics (201), Graphics (471).

A short course consisting of one lecture and three hours' drawing office work a week for one term, comprising elementary treatment of the principles of surveying, map interpretation, and earthwork computations, etc., required in connection with the siting of industrial plants.

Text-book:

Bannister, A., and Raymond, S., *Surveying* (Pitman).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

**435. Survey Camp (First).**

Students must attend lectures and practical classes in Surveying A (433) 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.

**436. 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.

**439. 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.

**440. Electrical Engineering S.**

Pre-requisite subjects: Physics A (Engineering) (411), Mathematics I (Engineering) (213), Mechanics (406).

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 complexor and symbolic notations, two and four terminal networks, network theorems and application.
- (b) One lecture a week throughout the year on machinery, including fundamental concepts of energy storage and conversion, transformer and rotating machine principles, characteristics and performance.
- (c) One lecture a week for one term on automatic control, being an introduction to simple methods of analysis, application and performance.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Tools: Screwdriver, pliers.

Reference books:

Fitzgerald, A. E., and Higginbotham, D. E., *Basic electrical engineering* (2nd edition) (McGraw-Hill).

Hirst, A. W., *Applied electricity* (Blackie).

Cotton, H., *Electrical technology* (Pitman).

Standards Association of Australia, *Wiring rules, Part I.*

B.S.S. No. 205—*Glossary of terms, electrical engineering.*

#### 441. Electrical Engineering I.

Pre-requisite subjects: Physics A (Engineering) (411), Mathematics I (Engineering) (213), Mechanics (406).

This is a course in fundamentals designed to give a suitable foundation for students intending to complete an Electrical Engineering Degree.

LECTURES: Four lectures a week throughout the year.

Electromagnetic Field Theory: A physical and mathematical treatment of electrostatics, magnetostatics, stationary, quasi-stationary and time 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; the cathode ray oscilloscope.

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; four-terminal networks.

Electrical Measurements.

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: Six hours practical a week throughout the year, comprising a series of experiments and exercises designed to illustrate the subject matter of the lectures.

Reference books:

Balabanian, N., *Fundamentals of circuit theory* (Allyn and Bacon).

Hammond, S. B., *Electrical engineering* (McGraw-Hill).

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Skilling, H. H., *Electromechanics* (Wiley).

Seely, S., *Introduction to electromagnetic fields* (McGraw-Hill).

Fano, R. M., Lan Jen Chu, and Adler, R. B., *Electromagnetic fields, energy, forces* (Wiley).

Zimmermann, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley).

Angelo, E. J., *Electronic circuits* (McGraw-Hill).

Frank, E., *Electrical measurement analysis* (McGraw-Hill).

TOOLS: Screwdriver, pliers, electric soldering iron.

**442. Electrical Engineering II.**

Pre-requisite subjects: Electrical Engineering I (441), Mathematics II (Engineering) (407), Strength of Materials (432).

LECTURES: Four lectures a week throughout the year.

(a) An elementary treatment of network theory, filters and transmission lines.

An introduction to waveguides.

(b) Steady state and transient analysis of rotating machines. Symmetrical components.

(c) A further development of amplifier theory, modulation, detection and feedback. Waveform generation and shaping.

(d) An introductory course on linear feedback control systems with special emphasis on frequency response techniques.

TUTORIAL: One hour 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 seven hours a week will be arranged to illustrate the above course.

Textbooks:

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).

Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system design*, Vol. I (Wiley).

Reference books:

Savant, C. J., *Basic feedback control system design* (McGraw-Hill).

Lauer, H., Lesnick, R., and Matson, L. E., *Servomechanism fundamentals*, 2nd edition (McGraw-Hill).

Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system design*, Vol. II (Wiley).

Stockdale, L. A., *Servomechanisms* (Pitman).

Hunter, L. P. (Ed.), *Handbook of semiconductor electronics* (McGraw-Hill).

Ryder, J. D., *Electronic fundamentals and applications* (Pitman).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Stewart, J. L., *Circuit theory and design* (Wiley).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).

Wagner, C. F., and Evans, R. D., *Symmetrical components* (McGraw-Hill).

Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).

Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery* (McGraw-Hill).

Additional references will be given during the course.

**443. Electrical Engineering IIIA.**

Pre-requisite subject: Electrical Engineering II (442).

This subject includes work which is basic to all branches of Electrical Engineering and is taken by all students.

Network synthesis; information studies; semiconductor devices and circuits; binary algebra, programming and structure of digital computers; analogue computers. Topics relating to the heating, cooling and dynamics of rotating machines and power system stability.

SPECIALIST LECTURES: During the year, students are required to attend specialist lectures given by practising engineers from industry and government establishments.

**444. Electrical Engineering IIIB.**

Pre-requisite subject: Electrical Engineering II (442).

Students may select *either* Electrical Power *or* Electronics.

Electrical Power: Synchronous and asynchronous machines, rotating machine design principles, power transmission, power system stability and the protection of power systems.

Electronics: Electronic circuits, television, propagation, electromagnetic theory and microwaves.

## Reference books:

- Kuo, F. F., *Network analysis and synthesis* (Wiley).  
 Storer, J. E., *Passive network synthesis* (McGraw-Hill).  
 Terman, F. E., *Radio engineers handbook* (McGraw-Hill).  
 Black, H. S., *Modulation theory* (Van Nostrand).  
 Barlow, H. M., and Cullen, A. L., *Microwave measurements* (Constable).  
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).  
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).  
 Hunter, L. P. (Ed.), *Handbook of semi-conductor electronics* (McGraw-Hill).  
 Caldwell, S., *Switching circuits and logical design* (Wiley).  
 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).  
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).  
 Graham, D., and McRuer, D., *Analysis of non-linear control systems* (Wiley).  
 Beranek, L. L., *Acoustics* (McGraw-Hill).  
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery*, 2nd edition (McGraw-Hill).  
 Mortlock, J. R., and Davies, M. W. H., *Power system analysis* (Chapman and Hall).  
 Rissik, H., *Power system interconnection* (Pitman).  
 Carr, T. H., *Electrical power stations* (Chapman and Hall).  
 Stevenson, W. D., *Elements of power system analysis* (McGraw-Hill).  
 Cray, S. B., *Power system stability*, Vols. I and II (Wiley).  
 Westinghouse Electric Manufacturing Company, *Electrical transmission and distribution reference book*.

**445. Electrical Engineering IIIC.**

Pre-requisite subject: Electrical Engineering II (442).

Seminar.—Each candidate will be required to prepare a written report on an approved topic and deliver it as a paper.

Experimental Investigation.—Each candidate will be required to submit a report on a project carried out during the year in a field in which he is particularly interested. This will involve a theoretical survey and the design, development and testing of equipment.

**446. Electronics.**

Pre-requisite subject: Electrical Engineering S (440).

The course consists of one lecture a week throughout the year and three hours' practical work a week for two terms. It is designed for students proceeding to the degree in Mechanical Engineering.

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; the cathode ray oscilloscope.

## Reference books:

- Hammond, S. B., *Electrical engineering* (McGraw-Hill).  
 Zimmermann, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley).  
 Angelo, E. J., *Electronic circuits* (McGraw-Hill).

## Tools:

Small-sized screwdriver, wire cutters and soldering iron of approved type.

**449. 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.

**450. Mining Engineering I.**

Pre-requisite subjects: Geology I (251), Engineering Drawing and Design (472), and Surveying A (433).

Students from the Faculty of Science will be allowed to take this subject if they fulfil the following conditions: (a) They are approved candidates for the Honours Degree of B.Sc. in Geology; (b) the Professor concerned has included Mining Engineering I in their proposed course of study.

**LECTURES:** Two lectures a week throughout the year comprising a general treatment of the field of mining engineering, viz.: prospecting and surface exploration, sampling, explosives, mine development, support of mine excavations, stoping methods, elementary coal mining, and tunnelling.

**PRACTICAL WORK:** Three hours a week throughout the year comprising laboratory and design work and a satisfactory report.

## (a) Preliminary reading:

- Hoover, H. C., *The memoirs of Herbert Hoover, 1874-1920. Years of adventure* (Macmillan).  
 Lovering, T. S., *Minerals in world affairs* (Prentice-Hall).  
 Morrell, W. P., *The gold rushes* (A. and C. Black).  
 Farwell, G. M., *Down Argent street* (Johnson, Sydney).  
 Isaacson, E. de Q., *Rock pressure in mines* (Mining Publications Ltd.).

## (b) Text-books:

- Lewis, R. S., *Elements of mining* (Wiley).  
 Young, G. T., *Elements of mining* (McGraw-Hill).  
 Higham, S., *An introduction to metalliferous mining* (Griffin).

## (c) Reference books:

## (i) Statistics.

- Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann).  
 Peatman, J. G., *Descriptive and sampling statistics* (Harper).

## (ii) Drilling.

- Cumming, J. D., *Diamond drill handbook* (Smith).  
 Brantly, J. E., *Rotary drilling handbook* (Palmer Publications).

## (iii) Geophysics.

- Jakosky, J. J., *Exploration geophysics* (Times Mirror).  
 Nettleton, L. L., *Geophysical prospecting for oil* (McGraw-Hill).  
 Heiland, C. A., *Geophysical exploration* (Prentice-Hall).

## (iv) Economics.

- Truscott, S. J., *Mine economics* (Mining Publications Ltd.).

## (v) Explosives.

- Gregory, C. E., *Explosives for engineers* (Q.U.P.).  
 Dupont de Nemours, E. I., and Co., Inc., *Blasters handbook*.

## (vi) Mine equipment.

Thomae, F. A. W., *Power plants on metal mines* (Mining Publications Ltd.).

Bryson, T., *Mining machinery* (Pitman).

Williamson, M. M., and G. W., *Materials handling manual* (Paul Elek).

## (vii) Mining practice.

Stoces, B., *Introduction to mining*, Vols. 1 and 2 (Pergamon Press).

Jackson, C. F., and Hedges, J. H., *Metal mining practice* (U.S. Bureau of Mines Bulletin, No. 419).

Beringer, B., *Underground practice in mining* (Mining Publications Ltd.).

Eaton, L., *Practical mine development and equipment* (McGraw-Hill).

Elford and McKeown, *Coal mining in Australia* (Tait Publishing Co.).

Statham, I. C. F., *Coalmining* (English U.P.).

Whitaker, J. W., and Willet, H. L., *Colliery explosion and recovery work* (Pitman).

## (viii) Tunnelling.

Richardson, H. W., and Mayo, R. S., *Practical tunnel driving* (McGraw-Hill).

Hewett, B. H. M., and Johannesson, S., *Shield and compressed air tunnelling* (McGraw-Hill).

## (ix) Alluvial Mining.

Harrison, H. L. M., *Examination, boring and valuation of alluvial deposits* (Mining Publications Ltd.).

Griffith, S. V., *Alluvial prospecting and mining* (Mining Publications Ltd.).

## 451. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (450), Strength of Materials (432), Hydraulics B (427), Surveying IA (906).

LECTURES: Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, rock pressure and subsidence, mining economics, mining law, mine surveying and advanced treatment of mining methods.

PRACTICAL WORK: Twelve hours a week throughout the year, comprising practical survey work and design work relating to mining operations and mine plant.

At the end of the academic year each student must submit a satisfactory paper on an approved subject.

## Preliminary reading:

Jenkin, A. K. H., *The Cornish miner* (Allen and Unwin).

Rickard, T. A., *Man and metals*, Vols. I and II (McGraw-Hill).

Rickard, T. A., *Technical writing* (Wiley) or (A.I.M.E. Series).

Spalding, J., *Deep Mining* (Mining Publications Ltd.).

Voskuil, W. H., *Minerals in world industry* (McGraw-Hill).

Hoover, H. C., *Principles of mining* (McGraw-Hill).

Steidle, E., *Mineral industries education* (State College, Pennsylvania).

## Text-books:

Peele, R., *Mining engineers' handbook*, 3rd edition, Vols. I and II (Wiley).

Baxter, C. H., and Parks, R. D., *Examination and valuation of a mineral property* (Addison-Wesley).

Staley, W., *Mine plant design* (McGraw-Hill).

Standards Assn. of Australia, *Steel wire rope for winding and haulage purposes in mines* (As. No. M/4—1955).

## Reference books:

## (i) Statistics.

Lambe, C. G., *Elements of statistics* (Longmans).

Walker, M. W., and Lev, J., *Statistical inference* (Constable or Holt).

## (ii) Hoisting.

*Wire ropes in mines* (Institution of Mining and Metallurgy).

Broughton, H. H., *Electric winders* (Spon).

- (iii) Mine ventilation.  
 Penman, D. and J. S., *Principles and practice of mine ventilation* (Griffin).  
 Weeks, W. S., *Ventilation of mines* (McGraw-Hill).  
 Rees, J. P., *Ventilation calculations* (Transvaal Chamber of Mines).  
*Quality of mine air* (Transvaal Chamber of Mines).  
 Roberts, A. (ed.), *Mine ventilation* (Cleaver Hume Press, 1960).
- (iv) Economics.  
 Hoover, T. J., *The economics of mining* (Stanford U.P. and O.U.P.).  
 Chambers, R. J., *Financial management* (Law Book Co.).  
 Tovey, P., *Balance sheets* (Pitman).  
 Willcox, F., *Mine accounting and financial administration* (Pitman).  
 Court, H. P., *Budgetary control* (Sweet and Maxwell).  
 Dobb, M., *Wages* (Nisbet and C.U.P.).
- (v) Mining law.  
*Mining Acts*. N.S.W., W.A., Tas., Queensland, Vic. and S.A.
- (vi) Safety health.  
 Drinker, P., and Hatch, T., *Industrial dust* (McGraw-Hill).  
 Gill, G. H., *Dust, its effects on the respiratory system* (Lewis).  
*Silicosis, pneumoconiosis and dust suppression in mines* (Institution of Mining Engineers and Institution of Mining and Metallurgy, 1947).  
*Safety Code* (Transvaal Chamber of Mines).  
 McAdam, R., and Davidson, D., *Mine rescue work* (Oliver and Boyd).
- (vii) Oil.  
 Uren, L. C., *Petroleum production engineering* (McGraw-Hill).  
 Vol. I., *Oil field exploitation*.  
 Vol. II., *Development*.  
 Vol. III., *Economics*.  
 Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).
- (viii) Mining practice.  
 Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).  
*Symposium on shafts and shaft sinking* (Chemical Metallurgical and Mining Society of South Africa, Johannesburg).  
 Mitke, C. A., *Mining methods* (McGraw-Hill).  
 Tillson, B. F., *Mine plant* (A.I.M.E.).  
 Fish, C. L., *The engineering method* (Stanford U.P.).
- (ix) Mine surveying.  
 Metcalfe, J. E., *Mining engineers' survey manual* (Electrical Press).  
 Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).  
 Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).  
 Staley, W., *Introduction to mine surveying* (Stanford U.P.).  
 Haddock, M., *Deep borehole surveys and problems* (McGraw-Hill).  
 Haddock, M., *The basis of mine surveying* (Chapman and Hall).
- (x) General.  
 Nelson, J. R., *Writing the technical report* (McGraw-Hill).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

#### 452. Ore Dressing.

Pre-requisite subjects: Chemistry IA (232), General Physics (221), and Geology I (251).

LECTURES: An introductory course consisting of one lecture a week throughout the year in applied mineral dressing dealing with the elements of crushing; grinding; industrial sizing and sorting; physical separation—gravity and electrical; froth flotation; dewatering; transport and control.

PRACTICAL WORK: Three hours a week for one term of laboratory experiments embracing the principal operations of ore dressing.

Text-book:

Pryor, E. J., *Mineral processing* (Mining Publications Ltd., 1960).

Reference books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

**459. Mining 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.

**460. Mechanical Engineering S.**

Pre-requisite subjects: Mathematics II (Engineering) (407), Mechanics (406), Physics A (Engineering) (411), and in addition for Parts 1 and 2, Engineering Materials (986), Strength of Materials (432), Engineering Drawing and Design (472).

An introductory course in machine design, theory of machines and applied thermodynamics. The course is in three parts and consists of lectures, laboratory and drawing office sessions designed for students not specialising in Mechanical Engineering.

Civil Engineering and Mining Engineering students take Parts 1 and 2, comprising 54 lectures and 81 hours of drawing office work.

Electrical Engineering students take Parts 2 and 3, comprising 36 lectures, 27 hours of laboratory work and 27 hours of drawing office work.

Metallurgical and Chemical Engineering students take Part 1, comprising 36 lectures and 54 hours of drawing office work.

**Part 1. 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).

**Part 2. 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 gears and cams; mechanical computing devices; the dynamic analysis of rotating machinery.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery* (Wiley).

**Part 3. Applied Thermodynamics:** 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 equation of state for ideal and real substances; 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; other thermodynamic cycles.

Properties of liquids and vapours; the behaviour of a two-phase substance in closed and open systems; thermodynamic cycles for such a substance; the reaction and impulse principle, the elements of steam power plant.

The fundamentals of heat transfer; steady and unsteady-state heat flow by conduction; the principle of similarity in heat transfer, convection and the use of dimensionless parameters; the laws of radiation, heat exchange for black and grey body radiation.

Text-books:

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).

Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

**461. Mechanical Engineering IA.**

Pre-requisite subjects: Mechanics (406), Mathematics II (Engineering) (407), Physics A (Engineering) (411).

An introductory course in applied thermodynamics 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 sub-

stances 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 fundamentals of heat transfer; steady and unsteady-state heat flow by conduction; relaxation of a temperature field; the principle of similarity in heat transfer; convection and the use of dimensionless parameters; the laws of radiation, heat exchange for black and grey body radiation.

Text-books:

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).

McAdams, W. H., *Heat transmission* (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., Thom, A. S., and Young, A. D., *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 and Tietjens, *Applied hydro- and aero-mechanics* (Dover).

Baird, L., *Applied aerodynamics* (Longmans).

Bunt, E., *Applications of fluid mechanics* (Witwatersrand U.P.).

Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

Pai, *Viscous flow theory*, Vols. 1 and 2 (Van Nostrand).

Schlichting, H., *Boundary layer theory* (Pergamon Press).

Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).

von Mises, R., *Theory of flight*.

Ower, E., *Measurement of air flow* (Chapman and Hall).

Pankhurst and Holder, *Wind-tunnel technique* (Pitman).

#### 462. Mechanical Engineering IB.

Pre-requisite subjects: Mechanics (406), Mathematics II (Engineering) (407), Physics A (Engineering) (411), Strength of Materials (432), Engineering Drawing and Design (472), Production Technology (475).

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* (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 stress* (Wiley).

*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.

## 463. Mechanical Engineering IIA.

Pre-requisite subject: Mechanical Engineering IA (461).

An advanced course in applied thermodynamics and fluid mechanics. The course is covered by about ninety lectures and one hundred and sixty hours of laboratory or project work, and two three-hour drawing office sessions a week.

**APPLIED THERMODYNAMICS II:** A course of lectures and practical work in applied thermodynamics 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.).

## 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).

Bosworth, R. C. L., *Heat transfer phenomena* (Associated General Publications).

- McAdams, W. H., *Heat transmission* (McGraw-Hill).  
 Sparks, N. R., and Di Ilio, C. C., *Theory of mechanical refrigeration* (McGraw-Hill).  
 Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning* (Constable).  
 Jennings, B. H., and Lewis, S. R., *Air conditioning and refrigeration*.

**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).  
 Shepherd, D. G., *Principles of turbomachinery* (Macmillan).  
 Cambel and Jennings, *Gas dynamics* (McGraw-Hill).

Reference Books:

- Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).  
 Barna, *Fluid mechanics for engineers* (Butterworth).  
 Wislicenus, *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 and Tietjens, *Applied hydro and aero mechanics* (Dover).  
 Bairstow, L., *Applied aerodynamics* (Longmans).  
 Liepmann and Puckett, *Aerodynamics of a compressible fluid* (Wiley).  
 Kovats and Desmur, *Pumps, fans and compressors* (Blackie).  
 Stepanoff, A. J., *Centrifugal and axial flow pumps* (Wiley).  
 Bunt, E. A., *Applications of fluid mechanics* (Witwatersrand U.P.).  
 Roxbee Cox, H., *Gas turbine principles and practice* (Newnes).  
 Nelson, W. C., *Airplane propeller principles* (Wiley).  
 Ower, E., *Measurement of air flow* (Chapman and Hall).

#### 464. Mechanical Engineering IIB.

Pre-requisite subjects: Mechanical Engineering IB (462), Electrical Engineering S (440), Electronics (446).

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, computing machines; acoustics and noise control.

Text-books:

- As for Theory of Machines I, together with  
 Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill); or  
 Thomson, W. T., *Mechanical vibrations* (Allen and Unwin); or  
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations* (Wiley); or  
 Church, A. H., *Mechanical vibrations* (Wiley).

Reference books:

- Holowenko, A. R., *Dynamics of machinery* (Wiley).  
 Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).  
 Dalby, W. E., *Balancing of engines* (Arnold).  
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).  
 Macduff and Curreri, *Vibration control* (McGraw-Hill).  
 Burton, R., *Vibration and impact* (Addison-Wesley).  
 Tuplin, W. A., *Vibration in machinery* (Pitman).  
 Savant, C. J., *Basic feedback control system design* (McGraw-Hill).  
 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 and Booser, *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).

#### 465. Mechanical Engineering IIC.

A limited research-type project involving a written thesis is to be undertaken by all students during the final year. Pass theses are submitted by mid-December and Honours theses by the end of February.

#### 471. Graphics.

The course consists of one lecture and three hours drawing office work a week throughout the year.

The course covers the following topics: the use of drawing instruments, layout, geometric constructions; the presentation of information on charts, diagrams, nomograms; curve fitting; the slide rule; graphical integration, differentiation, reciprocation. Descriptive geometry, quantitative representation of lines, points, planes and solids and their relations in space. Engineering, dimetric, trimetric, isometric, perspective projections; the function of the drawing as a means of conveying information; sketching.

**Text-book:**

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).

**Reference books:**

Arnold, J. N., *Introductory graphics* (McGraw-Hill).  
 Slaby, S. M., *Descriptive geometry* (Barnes and Noble).

**472. Engineering Drawing and Design.**

Pre-requisite subjects: Graphics (471) and General Mathematics (201).

Pre-requisite or concurrent subject: Strength of Materials (432).

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 basic geometry of common shop processes; 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, shafting, belt drives, and brakes.

## Text-books:

- Faires, V. M., *Design of machine elements* (Macmillan).  
 Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).  
 B.S.S. 308, *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*.  
 S.A.A. CZ1, *Engineering drawing practice*.

## Reference books:

- Abbott, W., *The dimensioning of engineering drawings* (Blackie).  
 Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International).  
 Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).  
 Black, P. H., *Machine design* (McGraw-Hill).  
 Norman, C. A., Ault, E. S., and Zarobsky, I. F., *Fundamentals of machine design* (Macmillan).  
 Rollason, E. C., *Metallurgy for engineers* (McGraw-Hill).

## Handbooks and codes:

- Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).  
 Kent, W., *Mechanical engineers' handbook*, Vol. I (Wiley).  
*Machinery's Handbook*, 13th edition (Industrial Press).  
 B.S.S. Handbook No. 2, *Workshop practice*.  
*Mechanical world yearbook*.  
*British standard specifications* (B.S.I.).  
*Australian standard specifications* (S.A.A.).

**Workshop Practice**

For syllabus, see Workshop Practice I (966) under the Faculty of Technology.

**475. Production Technology.**

Pre-requisite subjects: Graphics (471), Workshop Practice (966), and Engineering Materials (986).

Pre-requisite or concurrent subject: Strength of Materials (432).

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:

- Baker, H. Wright, *Modern workshop technology*, Vols. I and II (Cleaver-Hume).  
 Sachs, G., *Fundamentals of the working of metals* (Pergamon).

## Reference books:

- 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, *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).

## 477. Engineering Management.

This course, covering certain of the more important fundamentals of 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 is concerned with managerial accounting principles from an engineering viewpoint.

## PART A.—ORGANISATION AND MANAGEMENT.

Part A comprises one lecture a week throughout the year and deals with economic development, forms of business ownership, business finance, internal organisation, industrial engineering, quality control, plant location and layout, industrial relations, mathematical programming, contracts.

## Text-book:

Bethel, L. L., Atwater, Smith and Stackman, *Industrial organisation and management* (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).  
 Yorston, R. K., and Fortescue, E. E., *Australian Mercantile Law* (Law Book Co.).  
 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).  
 Muther, R., *Practical plant layout* (McGraw-Hill).  
 Ferguson, R. O., and Sargent, L. F., *Linear programming* (McGraw-Hill).

## PART B.—MANAGEMENT ACCOUNTING (ENGINEERING).

Part B comprises two lectures a week and tutorial work as arranged throughout the year. Written assignments will be set for each tutorial. 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; concepts and measurement of costs, income and funds employed; analysis and interpretation of accounting data for financial purposes; accounting as an analytical tool in management, with particular reference to planning, decision-making and control; investment planning and control; the cost of capital; inventory control; budgeting; cost accounting systems (controlled historical cost accounting, standard costing, variable or direct costing, mechanised and electronic accounting); the problem of overhead and joint costs; the relationship between costs and output; cost concepts in relation to business policy decisions.

## Text-books:

- Mathews, R. L., *Accounting for economists* (Cheshire).  
 Bennett, J. W., and others, *Financial mathematics and accounting* (Cheshire).  
 Universities of Melbourne and Adelaide, *Accountancy exercises, advanced*.  
 Additional references will be prescribed by the lecturers.

**479. 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 practical work of the Ordinary Degree or may be a separate project.

**480. Extractive Metallurgy (Mining).**

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

A course for Mining Engineering candidates only, consisting of about 13 lectures dealing with unit processes (metallurgical-extractive).

**481. Process Engineering I.**

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

One lecture a week for three terms comprising an introduction to the processes and operations of chemical and metallurgical engineering, together with films and visits to industrial works.

## Text-books:

Shreve, R. N., *Chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Bailey, A. R., *Text-book of metallurgy* (Macmillan, 1954).

## 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, 1954).

Brown, G. G., *Unit operations* (Wiley, 1950).

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Riegel, E. R., *Chemical machinery* (Reinhold, 1944).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. 1 (McGraw-Hill, 1945).

Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).

Goldstein, R. F., *The petroleum chemicals industry*, 2nd edition (Wiley).

**482. Process Control.**

Pre-requisite subjects: Chemistry IIA (234), and Physics A (Engineering) (411).

**LECTURES:** Two hours a week throughout the year, providing an introduction to the subject of industrial instrumentation and to automatic process control; in general, emphasis is laid on the fundamental principles involved rather than on the practical form of the mechanism. The subject matter of the lectures deals with the means used for making measurements, the characteristics of systems and circuits used, the forms of control and control elements involved, and the theory and application of automatic controls in the chemical process industries.

**PRACTICAL WORK:** Three hours a week throughout the year devoted to a course of experiments designed to exhibit the characteristics of various types of industrially-used instruments and their fields of application as indicators, recorders, and controllers, and to demonstrate the effect of various process characteristics on automatic process control.

## Text-books:

- Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).  
 Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).  
 Young, A. J., *An introduction to automatic process control system design* (Longmans, 1956).

## Reference books:

- Eckman, D. P., *Industrial instrumentation* (Wiley, 1950).  
 Eckman, D. P., *Automatic process control* (Wiley, 1958).  
 Farrington, G. H., *Fundamentals of automatic control* (Wiley, 1951).

## 483. Process Engineering IIA: Unit Operations I.

Pre-requisite subject: Process Engineering I (481).

LECTURES: Two hours a week throughout the year dealing with the general theory of molecular and turbulent transport of properties, and applications of momentum transfer theory and fluid mechanics to unit operations of chemical and metallurgical 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* (Pergamon Press, 1954).  
 Perry, J. H. *Chemical engineers' handbook*, 3rd 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).

## 484. Process Engineering IIB: Unit Processes I.

Pre-requisite subjects: As for 483.

LECTURES: Two hours a week throughout the year, devoted to the application of reaction kinetics, phase and reaction equilibria to chemical and metallurgical unit processes and to fuels and combustion.

PRACTICAL WORK: Three hours a week throughout the year of quantitative laboratory work (bench scale) designed to illustrate the principles of chemical and metallurgical processes.

## Reference books:

- Mantell, C. L., *Industrial electrochemistry* (McGraw-Hill, 1950).  
 Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).  
 Gruse, W. A., and Stevens, D. R., *Chemical technology of petroleum*, 3rd edition (McGraw-Hill).  
 Hengstebeck, R. J., *Petroleum processing* (McGraw-Hill).  
 Goldstein, R. F., *The petroleum chemicals industry*, 2nd edition (Wiley).  
 Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).  
 Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).  
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).  
 Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).  
 Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).  
 Bray, J. L., *Ferrous process metallurgy* (Wiley, 1954).  
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II and III (Wiley).

- van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).  
 Schuhmann, R., *Metallurgical engineering*, Vol. I (Addison-Wesley, 1952).  
 Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).  
 Darken, L. S., and Gurry, W. G., *Physical chemistry of metals* (McGraw-Hill, 1953).  
 Kubaschewski, O., and Evans, E. Ll., *Metallurgical thermochemistry* (Pergamon Press, 1955).

#### 485. Process Engineering IIC: Thermodynamics.

Pre-requisite subjects: Chemistry IIA (234) and Mathematics I (Engineering) (213).

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.

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).  
 Garner, W. E., *Chemistry of the solid state* (Butterworth).  
 Cottrell, A., *Theoretical structural metallurgy* (Arnold).  
 Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).  
 Laidler, K. J., *Chemical kinetics* (McGraw-Hill).  
 Smith, J. M., and Van Ness, H. C., *Introduction to chemical engineering thermodynamics* (McGraw-Hill, 1959).  
 Gilmont, R., *Thermodynamic principles for chemical engineers* (Prentice-Hall, 1959).

#### 986. Engineering Materials.

For syllabus, see under the Faculty of Technology.

#### 489. 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.

#### 491. Process Engineering IIIA: Unit Operations II.

Pre-requisite subject: Process Engineering IIA (483).

LECTURES: Four hours a week for twenty weeks devoted to the practical application of the theory of transport operations.

TUTORIALS: Three hours a week. Problems studied are of a practical nature, but involve the application of fundamental principles rather than the use of handbooks.

PRACTICAL WORK: Eight hours a fortnight. Experiments carried out are designed to show the effect of changes in physical variables on transport phenomena.

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*, Vols. I and II (Pergamon Press, 1954).  
 Perry, J. H., *Chemical engineers' handbook*, 3rd 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).

#### 492. Process Engineering IIIB: Unit Processes II.

Pre-requisite subject: Process Engineering IIB.

LECTURES: Two hours a week for the first two terms dealing with the quantitative analysis and design of selected chemical and metallurgical processes in which plant performance is studied on the basis of fundamental physico-chemical principles.

PRACTICAL WORK: Three hours a week, the major part of the course being devoted to a project.

Reference books:

As for 484.

#### 493. Process Engineering IIIC: Industrial Economics.

Pre-requisite subject: Process Engineering I.

LECTURES: A seminar of two hours a week will be conducted throughout the year dealing with the technical and economic issues involved in the initiation, development, establishment and control of industrial enterprises. The treatment will include research, patents, market surveys, plant location, process development (material, energy and economic balances), the selection and purchase of equipment, plant design and layout, plant control and operation, cost estimates, costing methods and cost control, the structure of industry, financial control (balance sheets, profit and loss statements), works organisation and management (including industrial relations).

Reference books:

- Tyler, C., and Winter, C. H., *Chemical engineering economics*, 4th edition (McGraw-Hill, 1959).  
 Vilbrandt, F. C., and Dryden, C. E., *Chemical engineering plant design*, 4th edition (McGraw-Hill, 1959).  
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).  
 Clarke, L., and Davidson, R. L., *Manual for process engineering calculations*, 2nd edition (McGraw-Hill, 1961).  
 Tiffin, J., *Industrial psychology* (Prentice-Hall, 1947).  
 Bichowsky, *Industrial research* (Chem. Pub. Co., 1942).  
 Walker, H. N., *Australian patents* (Law Book Co., 1949).  
 Yoder, Dale, *Personnel management and industrial relations* (Prentice-Hall, 1944).  
 Furnas, C. C., *Research in industry* (Van Nostrand, 1948).  
 Lester, B., *Sales engineering* (Wiley, 1944).  
 Bethel, Atwater, Smith and Stackman, *Industrial organisation and management* (McGraw-Hill, 1950).  
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).  
 Laird, D. A., and E. C., *The technique of handling people* (McGraw-Hill, 1954).  
 Perry, John, *Human relations in small industry* (McGraw-Hill, 1954).  
 Jordan, D. G., *Chemical pilot plant practice* (Inter Science, 1955).  
 Happel, J., *Chemical process economics* (Wiley, 1958).  
 Woodson, W. E., *Human engineering guide for equipment designers* (California U.P., 1957).  
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).

- Aries, R. S., and Newton, R. D., *Chemical engineering cost estimation* (McGraw-Hill, 1955).  
 Peters, M. S., *Plant design and economics for chemical engineers* (McGraw-Hill, 1958).  
 Schweyer, H. E., *Process engineering economics* (McGraw-Hill, 1955).  
 Osburn, J. O., and Kammermeyer, K., *Money and the chemical engineer* (Prentice Hall, 1958).  
 Fleming, R., *Scale-up in practice* (Reinhold, 1958).

#### 494. Process Engineering IIID: Plant Design.

Pre-requisite subjects: Process Engineering IIA (483) and IIB (484), and Engineering Drawing and Design (472).

This project occupies 150 to 200 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*, 3rd 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).

#### 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 439, 449, 459, 479, 489.

#### 499. Honours Courses in Applied Science.

Candidates may choose one of Applied Chemistry, Primary Metallurgy, and Secondary Metallurgy as a principal subject. The course will consist of lectures, seminars and courses of reading in advanced aspects of the principal subject and in such other subjects as the Head of the Department may deem necessary. Each candidate will be required to give all the time not required for lectures to research and design projects. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German.

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## FACULTY OF MEDICINE.

### THE HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE.

#### 509. Courses for the Honours degree of Bachelor of Medical Science.

Candidates wishing to proceed to the Honours degree should consult the Head of the Department in which they wish to work as soon as possible.

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY  
FIRST EXAMINATION

511. Physics.

This course consists of three lectures and three hours' practical work a week throughout the academic year.

Reference books:

- One of the text-books prescribed for General Physics (221).  
Rogers, J. S., *Physics for medical students* (M.U.P.).  
Webster, H. C., and Robertson, D. F., *Medical and biological physics* (Queensland U.P.).

512. Chemistry.

A course of lectures (three hours a week) arranged as follows: First term, physical chemistry two hours, organic chemistry one hour a week. Second and third terms, physical and inorganic chemistry one hour, organic chemistry two hours a week.

A course of practical chemistry (three hours a week) consisting of two terms physical and inorganic chemistry and one term organic chemistry.

Text-books:

- Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley); and  
Finar, I. L., *Organic chemistry*, Vol. 1, 3rd edition (Longmans); or  
Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

270. Biology.

For syllabus, see under the Faculty of Science.

514. Medicine and the Humanities.

The purpose of this course may be summed up under three headings: First, to provide the essential background of a liberal education in the form of an outline of the history of Western Civilisation and its achievements in the arts and the sciences, with special reference to the contemporary theory and practice of medicine. Secondly, to give students the opportunity of direct acquaintance with a sample of the great classics of medical literature, in the writings of Hippocrates, Harvey, Osler and Sherrington. Thirdly, by means of essays to be read and discussed with the Reader in small groups, to provide students with regular practice in expressing their ideas clearly and correctly.

Text-books:

- Childe, G., *What happened in history?* (Penguin).  
Kitto, H. D. F., *The Greeks* (Penguin).  
Barrow, R. H., *The Romans* (Penguin).  
Power, Eileen, *Medieval people* (Penguin).  
Davis, H. W. C., *Medieval Europe* (H.U.L.).  
Sherrington, Sir Charles, *Man on his nature* (Penguin).  
Dawson, C. H., *Religion and the rise of western culture* (Doubleday, Image).  
Guthrie, *History of medicine* (Nelson).  
*Harvey's treatise on the motion of the heart and blood* (Everyman).  
Osler, Sir William, ed. Verney, *The student life* (Livingstone).  
Lindsay, A. D., *The modern democratic state* (O.U.P.).  
Ashton, *The industrial revolution* (H.U.L.).  
Briggs, A., *The age of improvement*.  
Brinton, *Ideas and men* (Prentice-Hall).  
Hammond, J. L. and Barbara, *The bleak age* (Penguin).  
Hippocrates, *Medical works* (Blackwell).

## SECOND EXAMINATION

## SECOND YEAR

## 520. 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 reader, 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 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 also recommended:

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.

## 521. Biochemistry.

This course consists of three lectures and two periods of laboratory work a week during the first term and two lectures and one period of laboratory work a week during the second and third terms of the second year.

Subject-matter of the course:

First term.—The chemistry of carbohydrates, lipids and proteins in relation to foodstuffs and living tissues; the nature and activity of enzymes and the chemistry of digestion; the composition and function of blood and of other tissue fluids.

Second and third terms.—The absorption and intermediary metabolism of foodstuffs; energy relationships and oxidation mechanism; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about ten lectures on clinical tests is given to medical students in connection with their practical work.

## PRACTICAL WORK:

During the first term students perform experiments illustrating the chemical properties of carbohydrates, fats, proteins, enzymes, and other substances of biochemical importance.

In the second and third terms, medical students conduct quantitative examinations of urine, milk, blood and gastric contents, and perform various clinical tests.

## Text-books:

Mitchell, P. H., *Textbook of biochemistry*, latest edition (McGraw-Hill); or Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications); or Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or Cantarow, A., and Schepartz, B., *Biochemistry*, 3rd edition (Saunders). Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

## Reference book:

Cantarow, A., and Trumper, M., *Clinical biochemistry*, 4th edition (Saunders).

## 522. 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., and Leeson, T. S., *Histology*, 4th edition (Lippincott); or Maximow, A. A., and Bloom, W., *A text-book of histology*, 7th edition (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:

Clark, W. E. Le Gros, *The tissues of the body*, 4th 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).

## 523. Human Physiology.

The course of lectures and experimental work in Human Physiology extends over the second and third terms of the second year and the first and second terms of the third year of medical study.

## Recommended preliminary reading:

Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

## Text-books:

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.); or

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).

## Reference book:

Ruch, T. C., and Fulton, J. F., *Medical physiology and biophysics* (Saunders).

For the continuation of this subject into the fourth and fifth years of medical study see Applied Physiology and Pharmacology (553).

## THIRD YEAR

## 530. Anatomy.

For Syllabus see 520 Anatomy—under Second Year.

## 531. Biochemistry.

For Syllabus see 521 Biochemistry—under Second Year.

## 533. Human Physiology.

For Syllabus see 523 Human Physiology—under Second Year.

## THIRD EXAMINATION

## FOURTH YEAR

## 541. General Pathology.

This course comprises an introduction to the subject. 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, haemorrhage, shock and oedema, immune processes. A more detailed syllabus is issued to each student when he commences the course.

## Text-book:

Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Landells, J. W., *Essential principles of pathology* (Pitman, 1959).

## Reference book:

Floreay, Sir Howard, *General pathology*, 3rd edition (Lloyd-Luke).

## 542. Bacteriology.

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-book:

Dubos, R., *Bacterial and mycotic infections of man*, 3rd edition (Pitman Medical).

## Reference book:

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

## 544. Applied Physiology and Pharmacology.

The course extends through three 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 and one lecture-symposium a week in the first and second terms of 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*, 2nd edition (Churchill).

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.).

*Australian pharmaceutical formulary*.

## Reference books:

Beckman, H., *Pharmacology; the nature, action and use of drugs*, 2nd edition (Saunders).

Wilson, A., and Schild, H. O., *Clark's applied pharmacology*, 9th edition (Churchill).

Martindale, *The extra pharmacopoeia*, 24th edition (Pharmaceutical Press).  
*Adelaide Children's Hospital pharmacopoeia*.

## FOURTH EXAMINATION

## FIFTH YEAR

## 554. Special Pathology.

In this course the naked-eye and microscopic changes in diseased organs and tissues are considered in detail, and the morbid physiology of disease is also discussed.

The course comprises systematic lectures, weekly tutorials and practical work in the laboratory of histopathology, clinico-pathological demonstrations of selected cases, which are held 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, and in any case not fewer than forty a year.

## Text-book:

Boyd, W., *Text-book of pathology*, 7th edition (Lea and Febiger, 1961).

## Reference books:

Willis, R., *Pathology of tumours* (Butterworth).

Novak, E., *Gynaecological and obstetrical pathology* (Saunders).

Wintrobe, M. M., *Clinical hematology* (Lea and Febiger).

## 555. Public Health and Preventive Medicine.

The course of study includes lectures, group investigations and reports in which each student participates, and visits to installations of public health importance.

The course deals with the principles of the subject and with their practical applications in: environmental sanitation; control of communicable and other diseases; occupational medicine; preventive medicine in clinical practice; health legislation and administration.

Current medical journals and the following books and documents are recommended for reference:

American Public Health Association, *Control of communicable diseases* (1960).

Burnet, Sir MacFarlane, *The natural history of infectious disease* (C.U.P.).

Hare, R., *Pomp and pestilence* (Gollancz).

Hobson, W., *The theory and practice of public health* (Oxford).

Leavell, H. R., and Clark, E. G., *Preventive medicine for the doctor in his community* (McGraw-Hill).

Southwood, A. R., *Heart disease: some ways to prevent it* (Heinemann, 1962).

*Health Act and Regulations* (South Australia).

*Food and Drugs Act and Regulations* (South Australia).

*Dangerous Drugs Act* (South Australia).

## 556. Forensic Medicine.

The Coroner's Court, Magistrate's Court, Local Court and Supreme Court; medical evidence, use of statements, expert evidence, medical privilege; dying declarations; duties of a medical man in regard to crime; rights of the individual, e.g., accused or a prisoner on medical examination; position of medical man acting for employers or insurance agents when examining patients; legal side of manslaughter by negligence, abortion, infanticide, concealment of birth, notification of birth; medico-legal bearings of divorce; signs of death; putrefaction; sudden deaths, asphyxia, syncope, coma; natural sudden deaths; post-mortem examinations, including exhumations; wounds, accidental, suicidal, homicidal, and fabrications; asphyxia, hanging, strangulation, drowning, poisoning, electrocution, abortions and infanticide; examinations of victims and accused in cases of criminal assault, rape, etc.; suspected drunkenness; duties of prison doctors; poisons, sales of poisons, Dangerous Drugs Act; Pharmacy and Poisons Acts; collecting material for analysis; examination of blood for alcohol; tests for human and other bloods; blood groups; paternity cases; seminal stains; hairs and fibres.

## Text-book:

Simpson, K., *Forensic medicine*, latest edition (Arnold).

## Reference books:

Smith, S., *Forensic medicine*, latest edition (Churchill).

Glaister, J., *Medical jurisprudence and toxicology* (Livingstone).

Taylor, A. S., *Principles and practice of medical jurisprudence*, edited  
Smith, S. A., and Cook, W. G. H., latest edition (Churchill).

## FINAL EXAMINATION

## SIXTH YEAR

## 564. Group I: The Principles and Practice of Medicine and Therapeutics.

**A. MEDICINE:** A course of lectures extending over two 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 fourth, fifth and sixth years.

1. *Medicine.*

## Text-books:

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or

Conybeare, Sir J., and Mann, W. N., *Text-book of medicine* (Livingstone); or

Beaumont, G. E., *Medicine* (Churchill); or

Richardson, J. S., *The practice of medicine* (Churchill).

## General reference books:

Price, F. W., *A text-book of the practice of medicine* (O.U.P.).

Cecil, R. L. F., and Loeb, R. F., *Text-book of medicine* (Saunders).

Harrison, T. R., and others, *Principles of internal medicine* (McGraw-Hill).

## Special reference books:

Wood, P. H., *Diseases of heart and circulation* (Eyre and Spottiswoode).

Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).

Brain, Sir R., *Diseases of the nervous system* (O.U.P.).

Coope, R., *Diseases of the chest* (Livingstone).

Percival, D. H., *An introduction to dermatology* (Livingstone).

De Wardener, H. E., *Kidney disease* (Churchill).

Sherlock, S. P. V., *Liver disease* (Churchill).

Harris, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).

Gruchy, C. de, *Clinical hematology in medical practice* (Blackwell).

2. *Physical Signs, Diagnosis and Chemical Methods.*

## Text-books:

Hutchison, Sir R., and Hunter, D., *Clinical methods* (Cassell).

Krupp, M. A., and others, *Physicians handbook* (Lange).

## Reference books:

Cabot, R. C., *Physical diagnosis* (Baillièrè, Tindall and Cox).

Harrison, G. A., *Chemical methods in clinical medicine* (Churchill).

Stokes, E. H., *Clinical investigation* (Angus and Robertson).

3. *Therapeutics.*

## Text-books:

Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (Livingstone).

White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (Churchill).

**B. PSYCHOLOGICAL MEDICINE:** A course of ten lectures and eight demonstrations at the Enfield Receiving House in the first and second term of sixth year.

Psycho-pathology; disorders of cognition, affection and conation; mental mechanisms; amnesia, affective psychoses; schizophrenic paranoid psychoses; confusional and tonic states; other organic psychoses; the legal relationship of mental disorders.

## Text-books:

- Zangwill, O. L., *Introduction to modern psychology* (Methuen).  
 Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).  
 Stafford Clark, D., *Psychiatry today* (Pelican).  
 Valentine, M., *An introduction to psychiatry* (Livingstone, 1955).

C. MEDICAL DISEASES OF CHILDREN: Lectures, tutorials, and clinical instruction in the general problems of paediatrics, 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).

## 565. Group II: The Science and Art of Surgery.

A. SURGERY: A course of lectures and demonstrations extending over two 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:

- Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).  
 Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).  
 Adams, J. C., *Outline of orthopaedics* (Livingstone).  
 Adams, J. C., *Outline of fractures* (Livingstone).  
 Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).  
 Pye, W., *Surgical handicraft* (Wright).

## Reference books:

- Aird, I., *A companion to surgical studies* (Livingstone).  
 Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).  
 Bailey, H., *Emergency surgery* (Wright).  
 Farquharson, E. L., *Text-book of operative surgery* (Livingstone).  
 Rowbotham, G. F., *Head injuries* (Livingstone).  
 Welch, C. S., and Powers, S. R., *The essence of surgery* (Saunders).

B. DISEASES OF THE EYE: A course of out-patient clinics and of fifteen 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; affections of the ocular muscles; operations upon the eye and its appendages.

## Text-books:

- Wolff, E., *Diseases of the eye* (Cassell).  
 Trevor-Roper, P. D., *Lecture notes on ophthalmology* (Blackwell Scientific publications, Oxford).

## Reference books:

- Parsons, Sir John H., *Diseases of the eye*, edited by Sir Stewart Duke-Elder (Churchill).  
 Philps, S., *Ophthalmology operations* (Ballière, Tindall and Cox).  
 Duke-Elder, Sir Stewart, *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 two of the proposed fifteen volumes are yet available.

## Equipment:

Students are expected to equip themselves with an ophthalmoscope, a loupe and a condenser lens; details of approved types can be obtained from the Department of Clinical Studies.

C. DISEASES OF THE EAR, NOSE AND THROAT: A course of ten 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).

Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

D. SURGICAL DISEASES OF CHILDREN: Ten lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital in the fifth year of the medical course.

Text-book:

Swenson, Orvar, *Pediatric surgery* (Appleton-Century-Crofts).

E. 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.

F. 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.

Further lecture-demonstrations will be given through the fourth and fifth year Surgery lecture course.

G. ANAESTHETICS: A course of lectures and demonstrations on the principles of anaesthetics; a course of instruction in the administration of anaesthetics and the care of the anaesthetized patient.

#### 566. Group III: Obstetrics and Gynaecology.

A course of lectures in obstetrics and gynaecology is given during the fifth year and a course of clinical lectures during the sixth year. Clinical tuition is given during the fifth and sixth years as follows:

A. OBSTETRICS: Students reside in one of the obstetric teaching hospitals for a total period of eight weeks.

B. GYNAECOLOGY: Students attend the gynaecological clinics and wards of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for six weeks.

Books:

Preliminary reading:

Townsend, S. L., *Obstetrics and gynaecology for medical students*, books I and II (Melbourne U.P., 1959).

Townsend, S. L., *Gynaecology for students* (Melbourne U.P., 1961).

Text-books:

Baird, D., *Combined text-book of obstetrics and gynaecology*, 7th edition (Livingstone, 1962).

Jeffcoate, T. N. A., *Principles of gynaecology* (Butterworth, 1957).

Mayes, B. T., *Text-book of obstetrics*, 2nd edition (Australasian Publishing Co., 1959).

Hamlin, R. H. J., *Stepping stones to labour ward diagnosis* (Rigby, 1959).

Reference books:

Browne, F. J., and Browne, J. C. M., *Ante-natal and post-natal care*, 9th edition (Churchill, 1960).

Greenhill, J. P., *Obstetrics*, 12th edition (Saunders, 1961).

Howkins, J., *Shaw's text-book of operative gynaecology*, 2nd edition (Livingstone, 1960).

Rewell, R. E., *Obstetrical and gynaecological pathology* (Livingstone, 1960).

Moir, J. C., *Operative obstetrics*, 6th edition (Ballière, Tindall and Cox, 1956).

#### 567. 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.

## FACULTY OF LAW.

## 570. Elements of Law.

Outline of the constitution and jurisdiction of the courts; the system of precedent; the interpretation of statutes; the concept of possession.

## Text-books:

Phillips, O. H., *A first book of English law*, 4th edition (Sweet and Maxwell).  
Osborn, P. G., *A concise law dictionary*, 4th edition (Sweet and Maxwell).

## Reference books (available in the Library):

Kiralfy, A. K., *The English legal system*, 3rd edition (Sweet and Maxwell).  
Baalman, J., *Outline of law in Australia*, 2nd edition (Law Book Co.).  
Allen, C. K., *Law in the making*, 6th edition (O.U.P.).  
Beal, E., *Cardinal rules of legal interpretation*, 3rd edition (Stevens).  
Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).  
Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).  
Holdsworth, W. S., *History of English law*, Vol. 1, 7th edition (Methuen).  
Allen, C. K., *The Queen's peace* (Stevens).  
Windeyer, W. J. V., *Lectures on legal history*, 2nd edition (Law Book Co.).  
Craies, W. F., *Treatise on statute law*, 5th edition, ed C. E. Odgers (Sweet and Maxwell).

Note: Before the commencement of lectures, students should read:

Williams, G. L., *Learning the law*, 6th edition with Australian supplement (Stevens).  
Archer, *The Queen's courts* (Pelican).

## 571. Constitutional Law I.

An introduction to the main principles of British constitutional law, with special reference to the application of these principles to Australia. The constitution of South Australia, its history and structure.

## Text-books:

Phillips, O. H., *The constitutional law of Great Britain and the Commonwealth*, 2nd edition (Sweet and Maxwell).  
Phillips, O. H., *Leading cases in constitutional law*, 2nd edition (Sweet and Maxwell).  
*Cases, materials and readings in constitutional law* (Mimeographed case-books issued by the Law School).

## Reference books:

Blackmore, E. G., *The law of the constitution of South Australia* (S.A. Government Printer).  
Combe, G. D., *Responsible government in South Australia* (S.A. Government Printer).  
Dicey, A. V., *Introduction to the study of the law of the constitution*, 10th edition (Macmillan).  
Evatt, H. V., *The King and his dominion governors* (O.U.P.).  
Heuston, R. F. V., *Essays in constitutional law* (Stevens).  
Ridges, E. W., *Constitutional law of England*, 8th edition, ed. G. A. Forrest (Stevens).  
Jennings, W. I., *Law and the constitution*, 5th edition (U.L.P.).  
Jennings, W. I., *The Queen's government* (Pelican).  
Jennings, W. I., and Young, C. M., *Constitutional laws of the Commonwealth*, (O.U.P.).  
Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P.).  
Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 6th edition (Longmans).

**572. Criminal Law and Procedure.**

A general introduction to the criminal law.

Text-book:

Brett, P., and Waller, P. L., *Cases and materials in criminal law* (Butterworth).

Reference books:

Williams, G. L., *Criminal law*, 2nd edition (Stevens).

Barry, J. V. W., Paton, G. W., and Sawyer, G., *An introduction to the criminal law in Australia* (Macmillan).

Cross, R., and Jones, P. A., *An introduction to criminal law*, 4th edition, Parts I and II (Butterworth).

Kenny, C. S., *Outlines of criminal law*, 18th edition, ed. J. W. C. Turner (C.U.P.).

Russell, W. O., *On crime*, 11th edition, ed. J. W. C. Turner (Stevens).

Hall, J., *General principles of criminal law*, 2nd edition (Bobbs-Merrill).

Perkins, R. M., *Criminal law* (Foundation Press).

*Note:* Students should purchase a copy of *Criminal Law Consolidation Act, 1935-1956*. This will be referred to in classes throughout the year and may be taken into the examination room.

**574. The Law of Contract.**

General principles of the law of contract, including agency.

Text-books:

Cheshire, G. C., and Fifoot, C. H. S., *Law of contract*, 5th edition (Butterworth, 1960).

Stoljar, S. J., *Law of agency* (Sweet and Maxwell, 1961).

McGarvie, R. E., and Donovan, F. P., *Cases and materials on contract* (Law Book Co., 1962).

Reference books:

Anson, W. R., *Principles of the English law of contract*, 21st edition, by A. G. Guest (Clarendon Press, 1959).

Chitty, J., *Treatise on the law of contracts*, 22nd edition (Sweet and Maxwell, 1961).

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*, 2nd edition (Sweet and Maxwell, 1961).

Williston, S., *Treatise on the law of contracts*, 3rd edition (Baker, Voorhis and Co., 1957- ).

Corbin, A. L., *On contracts* (West, 1950-1951).

Powell, R., *Law of agency*, 2nd edition (Pitman, 1961).

Fridman, G. H. L., *Law of agency* (Butterworth, 1960).

**575. The Law of Torts.**

General principles of the law of torts; specific torts.

Text-books:

Morison, W. L., Moris, N. R., and Sharwood, R. L., *Cases on the law of torts* (Law Book Co.).

Fleming, J. G., *The law of torts in Australia*, 2nd edition (Law Book Co.).

Reference books:

Street, H., *The law of torts*, 2nd edition (Butterworth).

Salmond, J. W., *Law of torts* (ed. Heuston), 13th edition (Sweet and Maxwell).

Winfield, P. H., *Text-book of the law of torts*, 6th edition (Sweet and Maxwell).

Pollock, F., *Law of torts*, 15th edition (Stevens).

Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 12th edition (Sweet and Maxwell).

Williams, G. L., *Joint torts and contributory negligence* (Stevens).

Wright, C. A., *Cases on the law of torts*, 2nd edition (Butterworth).

Prosser, W. L., *Handbook of the law of torts*, 2nd edition (West).

*Note:* Students should purchase a copy of the *Wrongs Act, 1936-1959*. This will be referred to in classes and may be taken into the examination room.

**576. 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 person 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*, 2nd edition (Stevens, 1955); or
- Hargreaves, A. D., *Introduction to the principles of land law*, 3rd edition (Sweet and Maxwell, 1952).
- Goodeve, L. A., *Modern law of personal property*, 9th edition, by R. H. Kersley (Sweet and Maxwell); or
- Vaines, J. C., *Personal property*, 3rd edition (Butterworth).

## Reference books:

- Cheshire, G. C., *Modern law of real property*, 8th edition (Butterworth).
- Megarry, R. E., and Wade, H. W. R., *The law of real property*, 2nd edition (Stevens).
- Kerr, D., *Australian land titles (Torrens) system* (Law Book Co.).
- Baalman, J., *Torrens system in N.S.W.* (Law Book Co.).
- Jessup, G. A., *Forms and practice of lands titles office of S.A.*, 3rd edition (Law Book Co.).
- Morris, J. H. C., and Leach, W. B., *The rule against perpetuities* (Stevens).
- Harrison, W., *Cases on land law* (Law Book Co.).
- Pollock, F., and Wright, R. S., *An essay on possession in the common law (O.U.P.)*.

**577. Constitutional Law II.**

Pre-requisite or concurrent subject: Constitutional Law I.

The constitution of the Commonwealth of Australia; introduction to administrative law.

## Text-book:

- Sawer, G., *Cases on the constitution of the Commonwealth of Australia*, 2nd edition (Law Book Co.).
- Cases, materials and readings in Australian constitutional law* (Mimeographed casebooks issued by the Law School).
- An introduction to Australian administrative law* (Mimeographed casebook issued by the Law School).

## Reference books:

- Brennan, *Interpreting the constitution* (M.U.P.).
- Cowen, Z., *Federal jurisdiction in Australia* (O.U.P.).
- Else-Mitchell, R., *Essays on the Australian constitution*, 2nd edition (Law Book Co.).
- Kerr, D., *The law of the Australian constitution* (Law Book Co.).
- Knowles, G. S., *Commonwealth of Australia constitution* (Law Book Co.).
- Nicholas, H. S., *The Australian constitution* (Law Book Co.).
- Quick and Garran, *Annotated constitution of the Australian Commonwealth* (Angus and Robertson).
- Wynes, W. A., *Legislative and executive powers in Australia*, 3rd edition (Law Book Co.).
- Allen, C. K., *Law and orders*, 2nd edition (Stevens).
- de Smith, S. A., *Judicial review of administrative action* (Stevens).
- Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
- Griffith, J. A. G., and Street, H., *Principles of administrative law*, 2nd edition (Pitman).
- Robson, W. A., *Justice and administrative law*, 2nd edition (Stevens).

*Note:* Students should purchase a Government Printer's copy of the *Australian Constitution*. This will be referred to in classes and may be taken into the examination room.

## 580. 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-books:

Lloyd, D., *Introduction to jurisprudence* (Stevens).

Hart, H. L. A., *The concept of law* (O.U.P.).

## Reference books:

Allen, C. K., *Law in the making*, 6th edition (O.U.P., 1958).

Cardozo, B. N., *The nature of the judicial process* (Yale U.P., 1948).

d'Entrèves, A. P., *Natural law* (Hutchinson's U.L., 1951).

Diamond, A. S., *The evolution of law and order* (Watts, 1951).

Friedman, W., *Legal theory*, 4th edition (Stevens, 1960).

Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).

Salmond, J. W., *Jurisprudence*, 11th edition (Sweet and Maxwell, 1957).

Stone, J., *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, G. H., *History of political theory* (3rd edition), especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

## 581. 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.

Pre-requisite or concurrent subjects: The Law of Contract; The Law of Torts; The Law of Property.

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).

## Reference books:

de Zulueta (ed.), *Gaius*, Vols. I and II (O.U.P.).

Moyle, J. B. (ed.), *Justinian's Institutes*, 5th edition (O.U.P.).

Buckland, W. W., *A text-book of Roman law*, 3rd edition (C.U.P.).

Hunter, W. A., *Roman law* (Sweet and Maxwell).

Jolowicz, H. F., *Historical introduction to the study of Roman law*, 2nd edition (C.U.P.).

Buckland, W. W., and McNair, A. D., *Roman law and common law*, 2nd edition (C.U.P.).

Schulz, F., *Classical Roman law* (O.U.P.).

Sohm, R., *Institutes of Roman law* (O.U.P.).

## 582. International Law.

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; Equity.

## Text-books:

Oppenheim, L. F. L., *International law*, 8th edition, Vol. I, ed. H. Lauterpacht.

Green, L. C., *International law through the cases*, 2nd edition (Stevens).

Brierly, J. L., *The law of nations*, 6th edition (1962).

## Reference books:

Lauterpacht, H., *Recognition in international law* (C.U.P.).

O'Connell, D. P., *The law of state succession* (C.U.P.).

Colombos, C. J., *International law of the sea*, 4th edition (Longmans).

McNair, A., *The law of treaties* (O.U.P.).

**583. 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; Equity.

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects.

The lecture subjects for the year 1963 will be on topics to be prescribed in lectures.

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).

Radcliffe, G. R. Y., and Cross, G., *English legal system*, 3rd edition (Butterworth).

Delany, V. (ed.), *The Maitland reader* (Oceana, 1957).

## Reference books:

Holdsworth, W. S., *A history of English law*, especially Vols. III, IV, VII and VIII (Methuen).

Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).

Ames, J. B., *Lectures on legal history* (Harvard U.P.).

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.).

Maitland, F. W., *The forms of action at common law* (C.U.P.).

Kiralfy, A. K., *The action on the case* (Sweet and Maxwell).

Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).

Association of American Law Schools, *Select essays in Anglo-American legal history*, Vols. I-III (Little, Brown).

Sutton, R., *Personal actions at common law* (Butterworth).

Dicey, A. V., *Law and public opinion in England*, 2nd edition (Macmillan).

**584. 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).

Nathan, J. A., *Equity through the cases*, 4th edition (Stevens)

Other books on particular subjects suggested in lectures

## Reference books:

Ford, H. A. J., *Cases on trusts* (Law Book Co.).

McDougall, A., *Modern conveyancing* (Pitman).

**585. Mercantile Law I.**

Pre-requisite subjects: The Law of Contract; The Law of Property.

Pre-requisite or concurrent subject: Equity.

General principles of mercantile law; more specific treatment of laws relating to agency, sale of goods, hire-purchase agreements, bills of sale, bailment, guarantees and indemnities, and negotiable instruments with particular emphasis on cheques; introduction to partnership, company and bankruptcy laws; statutes and reports of legal decisions prescribed during the lectures and, particularly, the following statutes, which students should acquire before lectures commence and which may be taken into the examination in this subject:

- Commonwealth: *Bills of Exchange Act*, 1909-1936.  
*Bankruptcy Act*, 1924-1959.
- South Australian: *Sale of Goods Act*, 1895-1952.  
*Hire-Purchase Agreements Act*, 1960.  
*Bills of Sale Act*, 1886-1935, and  
*Bills of Sale Act Amendment Act*, 1940.  
*Mercantile Law Act*, 1936.  
*The Partnership Act*, 1891-1935.  
*Companies Act*, 1934-1960.

## Text-books:

- Atiyah, P. S., *The sale of goods* (Pitman, 1957).  
 Megrah, M., *The bills of exchange act*, 1882, 5th edition (Pitman, 1957).  
 Gower, L. C. B., *Principles of modern company law*, 2nd edition (Stevens, 1957).  
 Lewis, A. N., *Australian bankruptcy law*, 4th edition, ed. J. F. Patrick (Law Book Co., 1955).

## Reference books:

- Riley, B. B., *Bills of exchange in Australia* (Law Book Co., 1953).  
 Paton, G. W., *Bailment in the common law* (Stevens, 1952).  
 Coppel, E. G., *Bills of sale* (Law Book Co., 1935).  
 Dean, A., *Law relating to hire-purchase in Australia*, 2nd edition (Law Book Co.).  
 Powell, R., *The law of agency*, 2nd edition (Pitman, 1961).  
 Pollock, F., *Law of partnership*, 15th edition (Stevens, 1952).  
 Else-Mitchell, R., and Parsons, R. W., *Hire-purchase law*, 3rd edition (Law Book Co., 1961).  
 Schmitthoff, C. M., *The sale of goods* (Stevens, 1951).  
 Yorston, R. K., and Fortescue, E. E., *Australian mercantile law*, 11th edition (Law Book Co., 1959).

**590. Private International Law.**

Pre-requisite subjects: The Law of Contracts; 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).

## Reference books:

- Dicey, A. V., *Conflict of laws*, 7th edition (Stevens, 1958).  
 Cheshire, G. C., *Private international law*, 6th edition (O.U.P., 1961).  
 Wolff, M., *Private international law* (Clarendon Press, 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).

**591. Family Law.**

Pre-requisite subjects: The Law of Contract; The Law of Torts; The Law of Property; Equity; Mercantile Law I.

Details of this course and a reading list are available at the Law School.

**592. Mercantile Law II.**

Pre-requisite subject: Mercantile Law I.

Pre-requisite or concurrent subject: Equity.

The course consists of a detailed study of selected topics in mercantile and commercial laws. It includes an examination of particular aspects of banking, bankruptcy, company, insurance, partnership, retail sales, and transport laws.

Further details of the course and a list of text-books, statutes and other reading material are available at the Law School.

**593. 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.

Details of this course and a reading list are available at the Law School.

**594. 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., *Evidence* (Butterworth, 1958).

Reference books:

Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan).

Phipson, S. L., *Manual of the law of evidence*, 8th edition (Sweet and Maxwell).

*The annual practice* (Sweet and Maxwell).

Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co.).

Daniell, E. R., *Treatise on the practice of the High Court of Chancery*.

Chitty, T., *Queen's bench forms*, 18th edition.

*Commonwealth matrimonial causes hand-book*.

Ogders, W. B., *Principles of pleading*, 17th edition (Stevens).

Cockle, E., *Cases and statutes on the law of evidence*, 9th edition (Sweet and Maxwell, 1957).

**595. 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 accounting procedures in the practitioner's office.

**598. Taxation Law.**

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.

**Arts Subjects.**

See Regulation 3 (1) (b) of the LL.B. Regulations.

Syllabuses as prescribed under the Faculty of Arts.

**599. The Honours Degree of Bachelor of Laws.**

See Regulation 3A (1), (a), (b) and (c) of the LL.B. Regulations.

## FACULTY OF DENTISTRY.

## THE HONOURS DEGREE OF BACHELOR OF DENTAL SURGERY

**609. Courses for the Honours degree of Bachelor of Dental Surgery.**

Candidates wishing to proceed to the Honours degree should consult the head of the Department in which they wish to work.

## THE ORDINARY DEGREE OF BACHELOR OF DENTAL SURGERY.

## FIRST YEAR.

**511. Physics.**

For syllabus, see under Faculty of Medicine.

**512. Chemistry.**

For syllabus, see under Faculty of Medicine.

**270. Biology.**

For syllabus, see under Faculty of Science.

## SECOND YEAR.

**621. General Anatomy.**

The course consists of systematic lectures, demonstrations, and practical work and extends over three terms. It is so arranged as 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).

Orban, B. J., *Oral histology and embryology* (ed. H. Sicher), 6th edition (Mosby, 1962).

**622. 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).

## Reference books:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

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).

**623. Biochemistry.**

A course of lectures and practical work on general biochemistry during two terms.

In the first term, dental students attend the same lectures as second-year medical students. The rest of the course for dental students, including all the practical work, is given in the third term.

## Text-book:

Mitchell, M. L., *Practical biochemistry for medical students* (Hassell).

## Reference books:

Thorpe, W. V., *Biochemistry for medical students*, 4th edition (Churchill);

or

Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).

**624. Human Physiology.**

The course in Human Physiology extends over the second and third terms of the Second year and is continued in the Third year. (See Syllabus 634.)

Recommended preliminary reading:

Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

Text-books:

Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.); or

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).

Reference book:

Ruch, T. C., and Fulton, J. F., *Medical physiology and biophysics* (Saunders).

**625. 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*, 3rd edition (Saunders, 1958).

Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 3rd edition (Livingstone, 1961).

Reference books:

Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).

**626. Dental Materials and Technics.**

The course of lectures, tutorials and practical work is given in three sessions each week during the first and second terms of the second year.

Physical, chemical and mechanical properties of materials used in dentistry are studied in a series of experiments and laboratory exercises. Special attention is paid to the effects of dental materials on living tissues. Instruction is given on the manipulation of materials in basic dental technics.

Text-book:

Skinner, E. W., *The science of dental materials*, 5th edition (Saunders).

Reference books:

Anderson, J. N., *Applied dental materials* (Blackwell).

Peyton, F. A., and others, *Restorative dental materials* (Mosby).

*Australian dental standard specifications.*

American Dental Association, *Specifications for dental materials 1960-1961.*

**THIRD YEAR****632. 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*, 2nd edition (Livingstone).  
 Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*, 7th edition (Williams and Wilkins).  
 Keele, C. A., and Neil, E., *Samson Wright's applied physiology*, 10th edition (O.U.P.).  
 Comroe, B. I., Collins, L. H., and Cranc, M. P., *Internal medicine in dental practice* (Kimpton).

## Reference books:

- Sicher, H., *Oral anatomy*, 3rd edition (Mosby, 1960).  
 Shapiro, H. H., *Maxillofacial anatomy* (Lippincott).  
 Orban, B. J., *Oral histology and embryology*, 5th edition (Mosby, 1962).  
 Special references will be given during the course.

**633. General Pathology.**

A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, reactions of degeneration, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

## Text-book:

- Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

**634. 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 624).

## Text-books:

- As for Syllabus 624.

**635. 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.

## 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).  
 Stones, H. H., *Oral and dental diseases* (Livingstone).  
 Pickerill, H. P., *Prevention of dental caries and oral sepsis* (Baillière, Tindall and Cox).

**636. 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:** A course of lectures, demonstrations, practical exercises and clinical tutorials related to the conservation of teeth and restorative dentistry by operative procedures.

## Reference books:

- Brauer, J. C., Higley, Massler and Schour, *Dentistry for children* (McGraw-Hill).  
 Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).

- Gabel, A. B. (ed.), *American text-book of operative dentistry* (Lea and Febiger).  
 Grossman, L. I., *Endodontic practice* (Lea and Febiger).  
 Johnston, J. F., Phillips and Dykema, *Modern practice in crown and bridge prosthodontics* (Saunders).  
 McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).  
 McGeehee, W. H. O., True, A. H., and Inskipp, E. F., *A text-book of operative dentistry* (McGraw-Hill).  
 Peyton, F. A., and others, *Restorative dental materials* (Mosby).  
 Simon, W. J. (ed.), *Clinical operative dentistry* (Saunders).  
 Tylman, S. D., and Tylman, S. G., *Theory and practice of crown and bridge prosthodontics* (Mosby).

**PROSTHETIC DENTISTRY:** A course of lectures, demonstrations, practical exercises and clinical tutorials related to the replacement of missing teeth and associated structures.

Reference books:

- McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).  
 Osborne, J., *Dental mechanics for students* (Saunders).  
 Posselt, U., *The physiology of occlusion and rehabilitation* (Blackwell).

FOURTH YEAR.

641. 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 general and dental disorders.

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).

642. 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).

643. 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 and Wisan, *Preventive dentistry* (Kimpton).

- Pelton and Wisan, *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.).

**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:

McBride, W. C., *Juvenile dentistry*, 4th edition (Lea and Febiger).  
 Brauer, Higley, Massler and Schour, *Dentistry for children*, 6th edition (Blakiston).  
 Finn, S. B., *Clinical pedodontics* (Saunders).  
 Davies, G. N., and King, R. M., *Dentistry for the pre-school child* (Livingstone).

**ORTHODONTIA:** A course of instruction and practical work on irregularities of the positions of the teeth and concomitant anomalies of the jaws; their development, causes, consequences, recognition, and treatment by mechanical and surgical means.

Reference books:

Angle, E. H., *Treatment of malocclusion of the teeth* (White Dental Manufacturing Co.).  
 Brash, J. C., *Four lectures on the aetiology of irregularity and malocclusion of the teeth* (Dental Board of the United Kingdom).  
 Strang, R. H. W., *Text-book of orthodontia*, 3rd edition (Lea and Febiger).

**PERIODONTIA:** A course of instruction on diseases of the supporting structures of the teeth and the oral mucous membrane.

Reference books:

Orban, Wentz, Everett and Grant, *Periodontics* (Mosby).  
 Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).  
 Fish, E. W., *Paradental diseases* (Eyre and Spottiswoode).  
 Clickman, I., *Clinical periodontology* (Saunders).  
 Burket, L. W., *Oral medicine* (Lippincott).  
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).  
 Goldman, H. M., and Cohen, D. W., *Periodontia* (Mosby).

#### 644. 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 (635) 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).

Reference books:

Stones, H. H., *Oral and dental diseases*, 2nd edition (Livingstone).  
 Thoma, K. N., *Oral pathology*.  
 Fish, E. W., *Surgical pathology of the mouth*.

**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:

- Mead, S. V., *Oral surgery* (Mosby).  
 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:** The course of instruction begins in the third term of the third year of the dental curriculum and extends over four terms. It deals with drugs, their physiological action and their application to clinical dentistry.

Text-book:

- Dobbs, E. G., and Prinz, H., *Pharmacology and dental therapeutics*, 10th edition (Mosby).

Reference book:

- American Dental Association, *Accepted dental remedies*, latest edition.

#### 645. Clinical Dentistry I — Part C.

**RESTORATIVE DENTISTRY:** The separate courses of instruction in conservative dentistry, crown and bridge prosthesis, partial denture prosthesis, immediate replacement denture prosthesis and complete denture prosthesis are applied to the clinical treatment of patients.

Text-books:

- McCall, J. O., and Wald, S. S., *Clinical dental roentgenology* (Saunders).  
 Swenson, M. G., and Terkla, L. G., *Complete dentures* (Mosby).  
 McCracken, W. L., *Partial denture construction: principles and techniques* (Mosby).

Reference books:

- In addition to those listed under 616 and 625:  
 Anthony, L. P. (ed.), *American text-book of prosthetic dentistry* (Lea and Febiger).  
 Applegate, O. C., *Essentials of removable partial denture prosthesis* (Saunders).  
 Gehl, D. H., and Drezon, O. M., *Complete denture prosthesis* (Saunders).  
 Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).  
 Tylman, S. D., *Crown and bridge prosthesis* (Mosby).

### FIFTH YEAR.

#### 651. Clinical Dentistry II — Part A.

This course is a continuation of studies and clinical practice in preventive dentistry, children's dentistry, orthodontia and periodontia.

#### 652. 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.

**653. 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 626, 636, and 645.

**654. 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.

**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 Pharmaceutical Studies.

**FIRST EXAMINATION.****661. Inorganic Chemistry.**

Pre-requisite subject: Leaving Chemistry.

This course consists of the lectures on physical and inorganic chemistry given to students of Medicine and Dentistry on Thursday (first term only) and Friday (three terms).

The practical work consists of three hours a week.

Text-book:

Andrews, D. H., and Kokes, R. J., *Fundamental chemistry* (Wiley).

**662. Inorganic Chemistry: B.P. Salts.**

A special course of about forty lectures on the inorganic salts of the *British Pharmacopoeia*, including the methods for their preparation and assay.

The chemistry of the principal compounds of pharmaceutical interest of the following elements: lithium, sodium, potassium, copper, silver, calcium, barium, magnesium, zinc, mercury, lead, arsenic, antimony, bismuth, iron, aluminium, sulphur and the halogens; acids of the *British Pharmacopoeia*; methods of assay of pharmaceutical preparations derived therefrom, impurities of pharmacopoeial substances.

Text-book:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

**PHARMACY I.**

The course comprises subjects 663, 664 and 665.

**663. Elementary Pharmacy.**

This course consists of two lectures and four hours' practical work a week.

The weights and measures of pharmacy; the formulation and dispensing of extemporaneous preparations; true solution and colloidal dispersion with particular reference to pharmaceutical applications.

Text-books:

*British Pharmacopoeia* (Pharmaceutical Press).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Reference books:

*The British Pharmaceutical Codex* (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceutics* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Tutorial pharmacy* (Pitman).

Martin, A. N., *Physical pharmacy* (Lea and Febiger).

**664. History of Pharmacy.**

This course consists of one lecture a week, and is a broad survey of pharmaceutical history. Attention is given to:

Ancient pharmacy up to the sixteenth century; changes in pharmaceutical practice in England from the seventeenth century to the present time; the development of Australian pharmacy on the English pattern and the modifications caused by American influence; international pharmacy; world health organisation; miscellaneous international organisations and their impact on pharmacy; the development of drugs of biological origin; the history of some individual drugs is also dealt with during their consideration in other courses.

**665. First Aid and Surgical Dressings.**

This course consists of one lecture a week in second and third terms, and leads to the certificate of The St. John Ambulance Association.

Students also attend lectures and practical work dealing with surgical dressings and their compliance with the standards prescribed by *The British Pharmaceutical Codex*.

## SECOND EXAMINATION.

**671. Organic Chemistry.**

This course consists of two lectures and six hours' practical work a week.

The lectures deal with:

The nature of organic chemistry; structural considerations and isomerism; classification of organic compounds. The aliphatic hydrocarbons; methane and other paraffins; ethylene and acetylene; unsaturation; structural isomerism; stereochemistry. Aliphatic halogen compounds; chloroform; iodoform; ethyl chloride. Simple aliphatic alcohols; fermentation; enzymes; glycol and glycerol. Simple aldehydes and ketones; chloral and butylchloral hydrates. More commonly occurring organic acids; fruit acids; citric and tartaric acids; lactic acid; esterification and common esters; ethyl and amyl nitrites. Oils and fats; oleates; saponification; characteristics of fixed and volatile oils. Simple sugars and glycosides; salicin; amygdalin; polysaccharides. Amides; urea; barbituric acid and substituted barbituric acids. Uric acid and the purines. Proteins and their silver derivatives. Coal tar hydrocarbons and their common derivatives; aromatic acids and alcohols; benzoin; phenol, cresols and derived antiseptics. Synthetic drugs; acetanilide, phenacetin, aspirin, phenazone, and other outstanding B.P. organic compounds; sulpha-drugs. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-books:

Finar, I. L., *Organic Chemistry*, Vol. 1, 3rd Edition, (Longmans); or, Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

The practical work deals with:

The determination of melting-points and boiling-points; preparation and examination of some simple organic compounds; the detection of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; characterisation of B.P. organic compounds; the examination of fixed and volatile oils and fats; acid value; saponification value of esters and oils; iodine value; essential oils.

Text-books:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).  
Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).  
Beckett, A. H., and Stenlake, J. B., *Practical pharmaceutical chemistry* (Athlone Press).

Reference books:

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (Cambridge).  
Middleton, H., *Systematic qualitative organic analysis* (Arnold).

**672. Practical Pharmacy: Volumetric Analysis and Drug Assay I.**

This course consists of two lectures and four hours' practical work a week.

Surface activity, emulsions, ointment bases, creams and pastes; the unit operations and processes of importance in the manufacture of pharmaceuticals; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

Text-book:

Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

**270. Biology.**

For syllabus, see under the Faculty of Science.

## THIRD EXAMINATION.

**681. 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 textbook of pharmacognosy* (Baillièrè, Tindall and Cox).

## PHARMACY II.

This subject comprises the following three units:

**682. 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.

**683. 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; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

**684. 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:

**691. 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).

## Reference book:

- The extra pharmacopoeia *Martindale*, Vols. I and II (Pharmaceutical Press).
- Husa, *Pharmaceutical dispensing* (Hack).
- Martin, A. N., *Physical pharmacy* (Lea and Febiger).

**692. 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.

**693. 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 (682 and 692).

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, *Psychology and life* (Scott Freeman, N.Y.).

## PHARMACY IV.

This subject comprises the following five units:

**694. Pure Pharmacology.**

This course consists of two lectures and one lecture-demonstration a week in third term.

A course of lectures in basic physiology is followed by lectures and demonstrations 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:

Wilson, A., and Schild, H. O., *Applied pharmacology* (Clark), 9th edition (Churchill).

**695. Bacteriology.**

This course consists of one lecture and two hours practical work a week for the first twelve weeks of the year.

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 pathogenic bacteria; methods of sterilisation and aseptic transfer; tests for sterility; chemical disinfection, chemotherapy 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 pharmaceutics*, section 5 (Baillière, Tindall and Cox).

Reference book:

McCulloch, E. C., *Disinfection and sterilisation*, chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

**696. 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.

**697. 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 (761). Reference is made to the use and action of selected drugs.

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**DIPLOMA IN PHYSIOTHERAPY**
**FIRST-YEAR COURSE.****711. 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., Boyd, J. D., and Mossman, H. W., *Human embryology* (Heffer).

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or

Gray, H., *Anatomy, descriptive and surgical* (Longmans); or

Lockhart, R. D., Hamilton, G. E., and Fyffe, F. W., *Anatomy of the human body* (Faber).

Students must equip themselves with dissecting instruments and half a human skeleton. Some microscopes are available for hire.

### 712. Movement I.

The course consists of two hours 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; normal child development; postural reflexes and pathological reflex movements.

Text-book:

Gardiner, M. Dena, *The principles of exercise therapy*.

Reference books:

Wells, K. F., *Kinesiology* (Saunders).

Gesell, A. L., and Armatruda, C. S., *Developmental diagnosis* (Hoeber, 1948).

Gesell, A. L., and Armatruda, C. S., *The embryology of behaviour* (Harper, 1945).

Kendall, F. M., and Kendall, H. O., *Posture and pain* (Williams and Wilkins).

### 713. Treatment I.

The course consists of two hours a week during the second and third 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 and treatments; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications.

Reference books:

Fink, D. H., *Release from nervous tension* (Allen and Unwin, 1950).

Jacobson, E., *Progressive relaxation* (Chicago U.P.).

Osler, W., *The evolution of modern medicine* (Yale U.P.).

Mettler, F. A., *History of medicine* (Blakiston).

Neuburger, *History of medicine* (Oxford Medical Publications).

Walker, K., *The story of medicine* (Arrow Books).

Dawson, B., *The history of medicine* (Lewis).

Guthrie, D., *A history of medicine* (T. Nelson and Sons, 1958).

**PRACTICE** (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

## 714. Physics.

The course consists of one lecture-demonstration 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; 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, etc.

The scope of the course is defined by typed lecture notes. The text-books set for electrotherapy, together with an elementary text-book on physics, are suitable for reference.

## 715. 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; essentials of nerve and muscle physiology.

## 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  
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954); or  
 Winton, F. R., and Bayliss, L. E., *Human physiology* (Churchill, 1955).

## 82. Psychology IA.

For syllabus see under Faculty of Arts.

## SECOND-YEAR COURSE

## 721. 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 term 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* (Baillièrè, Tindall and Cox).  
 Jones, F. Wood, *Structure and function as seen in the foot* (Baillièrè, Tindall and Cox).

## 722. 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. 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:

- Wells, K. F., *Kinesiology; the mechanical and anatomical fundamentals of human motion* (Saunders).  
 Goldthwait, J. E., *Body mechanics in the study and treatment of disease* (Lippincott).  
 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, 1955).  
 Kendall, F. M. and H. O., *Muscles: testing and function* (Williams and Wilkins, 1949).  
 Knott, M., and Voss, D., *Proprioceptive neuromuscular facilitation* (Hoeber, 1956).

723. Treatment II.

A. TREATMENTS.—The course consists of three hours a week throughout the year.

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; burns; scars, pressure sores; deformities; pre- and post-natal treatments. 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.

B. MASSAGE.—The course consists of two hours a week throughout the three terms. Students work on each other.

General massage of head, neck, chest and abdomen. Special treatments for particular conditions. Management of bed patients, lifting, bandaging, etc.

Text-books:

- 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*, 2nd 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, James, *Disc lesions* (Cassell).  
 Read, G. D., *Childbirth without fear* (Heinemann).  
 Powell, M., *Orthopaedic nursing* (Livingstone, 1961).  
 Colson, J. H., *Rehabilitation of the injured* (Cassell).  
 R. Watson Jones, *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).  
 Wynn Parry, C. B., *Rehabilitation of the hand* (Butterworth, 1958).  
 Lowman and Roen, *Underwater therapy* (Rubel Memorial Library, Los Angeles, California).

**724. 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:

Scott, P. M., *Clayton's electrotherapy and actinotherapy* (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* (Kempton).

Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).

**725. Pathology.**

The course consists of one lecture a week for three terms, and practical work in the laboratory of histopathology.

A. GENERAL PATHOLOGY.—Inflammation; infection; immunity (fever); hypertrophy and atrophy; degeneration; repair (scar tissue, adhesions, etc.); nature of tumour growth; disorders of metabolism; disorders of circulation.

B. SPECIAL PATHOLOGY.—Tumours (simple and malignant); diseases of the respiratory system; diseases of the circulatory system; diseases of the abdomen; genito-urinary conditions; diseases of the nervous system; diseases of bone; diseases of muscles; diseases of joints.

Reference book:

Boyd, W., *Text-book of pathology*, 7th edition (Lea and Febiger).

**726. Practice of Hospital Work I.**

The course covers certain nursing procedures, bandaging, splinting, 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 and at the Queen Elizabeth 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 COURSE****732. 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 suggested at lectures.

## 733. Treatment III.

The course consists of one lecture a week and daily practical 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, four lectures by a chest surgeon, six lectures on the physiotherapy of chest conditions, and two lectures on manipulations of joints.

## 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, 1958).  
 Foley, William T., and Irving, S. W., *Colour atlas and management of vascular disease* (Appleton-Century-Crofts).  
 Kersley, G. D., *The rheumatic diseases* (Heinemann, 1950).  
 Ebner, M., *Connective tissue massage* (Livingstone, 1962).

## 734. 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.

## 736. 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 will 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 and 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 and 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.

## FACULTY OF MUSIC

### DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

Chief Practical Study I (740), II (741) and III (742)

and

Second Practical Study I (743), II (744) and III (745).

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 (746), II (747), and III (748).

These courses are not yet available.

#### 750. Form.

SYLLABUS: Structure and analysis.

EXAMINATION: One three-hour paper.

#### Text-books:

- Lovelock, *Form in brief* (Hammond).  
 Morris, *Structure of music* (O.U.P.).  
 Bairstow, *Evolution of musical form* (O.U.P.).  
 Davie, Cedric Thorpe, *Musical structure and design* (Dobson).

#### 751. Harmony I.

#### SYLLABUS:

1. Harmony (written) in four parts.
2. Melodic invention (advanced).
3. Keyboard harmony, including transposition.

#### EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests I.

#### Text-books:

- Hollinrake, *Foundations of harmony for class teaching* (Novello).  
 Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).  
 Burnard, A., *Harmony and Composition* (Angus and Robertson).

## 752. Harmony II.

## SYLLABUS:

Harmony (written) in not more than four parts: Baroque and Viennese techniques.

## EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests II.

## Text- and reference books:

- Morris, *Foundations of practical harmony and counterpoint* (Macmillan).  
 Lovelock, *First and second year harmony* (Hammond).  
 McHose, *Contrapuntal harmonic technique of the 18th century* (Appleton-Century-Crofts).  
 Burnard, A., *Harmony and Composition* (Angus and Robertson).  
 Lang, *Score reading exercises*, Book 1 (Novello).  
 Lovelock, *Graded exercises in transposition* (Hammond).  
 Any standard collection of Bach chorales.  
 Selected classical string quartets.

## 753. Harmony III.

## SYLLABUS:

1. Harmony (written) in not more than four parts.
  - (a) Modal harmony (*Genevan and Scottish psalters*; Gibbons, *Hymns and songs of the church*), including the writing of fauxbourdons, Elizabethan lute song accompaniment.
  - (b) Three- and four-part writing (free style) for voices or instruments.
2. Keyboard harmony, including transposition and score reading (alto and tenor clefs).

## EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests III.

## Text- and reference books:

- Woodward, *Songs of Syon* (Schott).  
 Hindemith, *Traditional harmony*, Book 1 (the later chapters).  
 Morris, *Foundations of practical harmony and counterpoint* (Macmillan).  
 Burnard, A., *Harmony and Composition* (Angus and Robertson).

## 754. Harmony IV.

## SYLLABUS:

1. Harmony (written):
  - (a) Continuo realisation.
  - (b) Ground basses and variations.
  - (c) Twentieth century techniques.
2. Keyboard harmony: advanced transposition, orchestral score reading, and extemporisation; continuo playing.

## EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests IV.

## Text-books:

- Lovelock, *Orchestral score reading* (Hammond).  
 Morris, *Figured harmony at the keyboard*, Parts I and II (O.U.P.).  
 Burnard, A., *Harmony and Composition* (Angus and Robertson).

## Reference books:

- Andrews, *Oxford harmony*, Book II (O.U.P.).  
 Bairstow, *Counterpoint and harmony* (Macmillan).

## 755. History of Music I.

SYLLABUS: Outline of European Musical History from the Middle Ages to the present day.

## Prescribed works:

- Palestrina, *Stabat Mater*.
- Gluck, *Orpheus and Euridice*.
- Bach, *Preludes and fugues, D minor and F sharp major*, Book I.
- Haydn, *Symphony No. 2 in D, "The Clock"*.
- Beethoven, *String quartet, Op. 59, No. 2*.
- Wagner, *Prelude to Tristan and Isolde*.
- Verdi, *Aida*.
- Debussy, *L'apres midi d'une faune*.
- Stravinsky, *Suite "Firebird"*.

EXAMINATION: One three-hour paper.

## Recommended books for preliminary reading:

- Colles, *The growth of music*, Parts 1, 2 and 3 (O.U.P.).
- Scholes, *The listener's history of music*, Parts 1, 2 and 3 (O.U.P.).

## Text-books:

- Westrup, *An introduction to musical history* (Hutchinson).
- Lovelock, *Concise history* (Bell).
- Einstein, *Short history* (Cassell).
- Sachs, Curt, *A short history* (Dobson).
- Bacharach, *The musical companion* (Gollancz).

## Reference books:

- Oxford history*.
- Grove's dictionary of music*.
- Scholes, *Oxford companion*.
- Harvard dictionary of music*.

## 756. History of Music II.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries.

## Prescribed works:

- Tallis, *Mass in 4 parts*.
- Gibbons, *Anthems*.
- Palestrina, *Missa Papae Marcelli*.
- Purcell, *Fantasias and selected songs*.
- Bach, *Suite in C*.
- Bach, *St. Matthew Passion*.
- Handel, *Concerto grosso No. 4 in A minor*.
- Haydn, *String quartets*.
- Mozart, *Symphony No. 41 in C*.
- Beethoven, *Pianoforte sonatas*.

EXAMINATION: One three-hour paper.

## Text-books:

- Thurston Dart, R., *The interpretation of music* (Hutchinson).
- Gray, Cecil, *The history of music* (Kegan Paul).
- Dickinson, A. E. F., *The art of Bach* (Hinrichsen).
- O'Brien, G., *The golden age of Italian music* (Jarrollds).
- O'Brien, G., *The golden age of German music* (Jarrollds).

## Reference books:

- Reese, G., *Music in the Middle Ages* (Dent).
- Reese, G., *Music in the Renaissance* (Dent).
- Bukofzer, M., *Music in the Baroque era* (Dent).
- Lang, P., *Music in western civilization* (Norton).
- Parrish and Ohl, *Masterpieces of music before 1750* (Faber and Faber).
- Grout, *Opera*, Vols. 1 and 2 (Columbia U.P.).
- Fellowes, E. H., *The English madrigal* (O.U.P.).
- Fellowes, E. H., *English cathedral music* (O.U.P.).
- Schweitzer, *Bach*, Vols. 1 and 2 (Black).
- Geiringer, *The Bach family* (Allen and Unwin).
- Geiringer, *Haydn* (Allen and Unwin).
- Einstein, *Mozart* (O.U.P.).

## 757. History of Music III.

SYLLABUS: History and development of music during the 19th and 20th centuries.

Prescribed works:

- Beethoven, *Symphony No. 3 in E flat, "Eroica"*.
- Schubert, *Trio in B flat*.
- Wagner, *Tristan and Isolde*.
- Brahms, *Double concerto, violin and violoncello*.
- Britten, *Opera*.
- Stravinsky, *The rite of spring*.
- Bartok, *Music for strings and percussion*.
- Holst, *Hymn of Jesus*.
- Walton, *Belshazzar's Feast*.
- Strauss, *Don Juan*.
- Hindemith, *Mathis der Maler (Symphony)*
- Badings, *Concerto for two violins*.
- Badings, *Symphony No. 3*.

EXAMINATION: One three-hour paper.

Text-books:

- Einstein, *Music in the romantic era* (Dent).
- Abraham, *A hundred years of music* (Hinrichsen).
- Hill, R., *The symphony* (Pelican).
- Hill, R., *The concerto* (Pelican).
- Bacharach, *British music of our time* (Penguin).
- Abraham, *This modern stuff* (Hinrichsen).
- Parrott, *Pathways to modern music* (Unwin).

Reference books:

- Tovey, *Essays in musical analysis*, Vols. I-VI (O.U.P.).
- Grout, *Opera*, Vols. I and II (Columbia U.P.).
- Carse, A., *The orchestra from Beethoven to Berlioz* (Heffer).
- Dyson, *The new music* (O.U.P.).
- Mellers, W., *Studies in contemporary music* (Dobson).
- Copland, *Our new music* (McGraw-Hill).
- Myers, R. H., *Twentieth century music* (John Calder).

## 758. History of Music IV.

Studies in such fields as:

1. The cantatas of J. S. Bach.
2. 20th century harmonic technique and usage.
3. A comparative study of fugal styles.
4. The accompaniment.

EXAMINATION: (a) One three-hour paper.  
(b) Prepared essay on the approved subject.

Candidates are required to seek, at the beginning of the second term, approval of the subject of the prepared essay.

## Modern Languages I (760), II (761), and III (762).

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.

## 763. 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.).

## 764. 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).

## 765. 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).

## 766. Practical Tests IV.

## SYLLABUS:

1. Aural: } more advanced tests including orchestral score reading and
2. Keyboard: } continuo playing.
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:

- Lovelock, *Introduction to orchestral score reading* (Hammond).  
 Morris, R. O., *Figured harmony at the keyboard*, Parts I and II (O.U.P.).  
 Pilling, *Harmonisation of melodies at the keyboard*, Book III (Forsyth).

## Speech Training I (767) and II (768).

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, M., *Speech training* (Black).  
 Ward, Ida, *Phonetics of English* (Heffer).  
 O'Donnell, Margaret, *Fect 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.

#### 770. 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, and Dobbs, *The Oxford school music book—junior and senior teacher's manuals* (O.U.P.).  
 Chamberlain, M., *Ear training* (O.U.P.).  
 MacPherson and Read, *Aural culture* (Williams).  
 Winn, C., *Children singing* (O.U.P.).  
 Rainbow, B., *Music in the classroom* (Heinemann).

#### 771. 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, Watkins, *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*.

## 772. 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, Watkins, *Musical education* (Hinrichsen).  
 Mursell and Glenn, *The psychology of school music teaching* (Silver Burdett).

## Reference books:

- Buck, *Psychology for musicians* (O.U.P.).  
*Oxford companion to music* (references to articles provided) (O.U.P.).  
 Ann Arbor Microfilm Library Publications, *Conservatorium library*.

## Periodicals:

- The school music teacher*.  
*MENC journal of research in music education*.

## The Scope of School Music I (773), II (774), and III (775).

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 examinations, in addition to one three-hour paper.

#### Ensemble Playing I (776) and II (777).

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.

#### 780. 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.

#### 781. Acoustics.

SYLLABUS: The elements and principles of acoustics and their application to musical instruments and scales; general facts concerning the reflection and absorption of sound, reverberation and resonance, and the acoustics of buildings generally; simple illustrated experiments are shown.

Reference books:

Culver, *Musical acoustics* (Blakiston).

Jeans, *Science and music* (C.U.P.).

Wood, *The physics of music* (Methuen).

EXAMINATION: One two-hour paper.

#### 783. Canon and Fugue.

SYLLABUS: Canon and fugal writing.

EXAMINATION: One three-hour paper.

Text-book:

Lovelock, *The examination fugue* (Hammond).

Reference book:

Oldroyd, *The technique and spirit of fugue* (O.U.P.).

#### 784. 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.

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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.

#### 785. Counterpoint I.

SYLLABUS:

1. Motive structure and development.

2. Elementary counterpoint (free style).

EXAMINATION: One three-hour paper.

Text-book:

Morris, *Introduction to counterpoint* (O.U.P.).

## 786. Counterpoint II.

## SYLLABUS:

1. Counterpoint of the Roman and English Schools (Lassus, *Cantiones duarum vocum*; Morley, *Two-part canzonets*) including the study of prescribed works.
2. Free style, including the writing of inventions.

EXAMINATION: One three-hour paper.

## Text-books:

Soderlund, *Direct approach to counterpoint in 16th century style* (Appleton-Century-Crofts).

Morris, *Contrapuntal technique in the 16th century* (O.U.P.).

Morley, *Two and three part canzonets* (Stainer and Bell).

## 787. Counterpoint III.

## SYLLABUS:

Free style original work for any medium.

EXAMINATION: One three-hour paper.

## Reference book:

Bairstow, *Counterpoint and harmony* (Macmillan).

## 790 and 791. Essay I and Essay II.

SYLLABUS: The study and discussion of works undertaken in class throughout the year. The subjects for the essay will be chosen from the scope of the studies selected for these lectures.

EXAMINATION: One three-hour paper.

## Prescribed works:

Beethoven, *Symphony No. 7.*

Bach, *Orchestral suite No. 4.*

Moeran, *Symphony in G minor.*

Shostakovitch, *Symphony No. 5.*

R. Vaughan Williams, *Symphony No. 5.*

Mozart, *Symphony No. 40.*

Dallapiccola, *Canti di prigionia.*

Stravinsky, *le Sacre du printemps.*

Schönberg, *String quartet No. 4*

Alban Berg, *Lyric suite.*

Debussy, *String quartet.*

Ravel, *Daphnis and Chloe suite.*

Berlioz, *Symphonie fantastique.*

Brahms, *Requiem.*

Bloch, *Quintet for pianoforte and strings.*

Byrd, *Mass for five voices.*

Hindemith, *Mathis der Maler.*

Holst, *The hymn of Jesus.*

Walton, *Symphony.*

Webern, *Five movements for string quartet.*

Elgar, *Enigma variations.*

## Reference books:

Newman, *From the world of music* (Calder).

Strunk, *Source reading in music history* (Norton).

Sullivan, *Beethoven* (Pelican).

Tovey, *Essays and lectures on music* (O.U.P.).

## 792. 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.

**794. 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.

**795. 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.).  
 Max Graf, *Composer and critic* (Chapman and Hall).  
 Norman Demuth, *Anthology and musical criticism* (Eyre and Spottiswoode).  
 Frank Howes, *Mind, man, and music* (Secker and Warburg).  
 Seashore, *In search of beauty in music* (Ronald Press).  
 Newman, *From the world of music* (Calder).

**796. Orchestration I.**

**SYLLABUS:**

1. Elements. A knowledge of the compass and characteristics of orchestral instruments and the technical methods of writing for them. (Candidates may be asked to write original melodies apt for various instruments—or for two or three instruments in combination.)
2. The reduction of orchestral passages for the keyboard and the simple scoring for orchestra of given passages.

**EXAMINATION:** Two three-hour papers.

Reference books:

- Parrott, *Method in orchestration* (Dobson).  
 Jacob, *Orchestral technique* (O.U.P.).

**797. Orchestration II.**

**SYLLABUS:** The scoring of given passages for orchestra.

**EXAMINATION:** Two three-hour papers.

Reference book:

- Rogers, *The art of orchestration* (Appleton Century Crofts).

**798. Special Study.**

This subject is part of Music III for the degree of Bachelor of Arts.

**SPECIAL STUDY** in an approved field:

1. The English madrigal.
2. Instrumental music of mid-eighteenth century Germany.
3. The carol.
4. The string quartets of Haydn.
5. Music of the Australian aborigine.
6. Any other approved field.

Candidates are required to seek, at the beginning of the second term, approval of the subject of the special study.

**799. Honours Exercise or Thesis.**

As determined or approved by the Faculty of Music in each case.

## FACULTY OF ARCHITECTURE AND TOWN PLANNING

Note: Syllabuses 800 to 809 inclusive appear following syllabus 859.

### SUBJECTS FOR THE DEGREE OF BACHELOR OF ARCHITECTURE FIRST YEAR

#### 811. 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).

#### Mathematics.

For the present there will be no special course in Mathematics. The attention of candidates is drawn to the pre-requisite for Structures I (822) which is a pass *either* in Mathematics I and II at the Leaving Honours examination *or* in General Mathematics (201).

#### 813. Building Science I.

A knowledge of Physics and Chemistry to Leaving standard is desirable.

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 (G.U.P.).  
Phillips, R. O., *Sunshine and shade in Australasia* (C.E.B.S.).

#### 814. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece, Rome, Early Christian, Byzantine, Romanesque, and Gothic periods.

Text-books:

- Allsop, H. S., *The general history of architecture* (Pitman).  
Fletcher, B., *History of architecture* (Batsford).  
Pevsner, N., *An outline of European architecture* (Penguin).

Reference books:

- Glover, T., *The ancient world* (Pelican).  
Kitto, H. D., *The Greeks* (Pelican).  
Barrow, R. H., *The Romans* (Pelican).  
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).

#### 815. 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., *Éléments 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).

## 816. Architectural and Free Drawing.

Standard drawing office practice. The construction of plane figures: problems of areas, the ellipse, parabola and hyperbola. 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 and ornament. Free sketching.

## Text-books:

- Reekie, R. F., *Draughtsmanship* (Arnold).  
 Lee, L. A., and Reekie, R. F., *Descriptive geometry* (Arnold).  
 Sierp, A., *Applied perspective* (Angus and Robertson).

## 817. 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.

## 821. 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. Drainage and plumbing. Water services and sanitary fittings. Domestic hot water supply and heating systems. Gas and electricity services. Windows and doors. Joinery, cupboards, etc., and hardware.

## Text-books:

- McKay, W. B., *Building construction*, Vol. 2 (Longmans).  
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

## 822. Structures I.

Pre-requisite subject: Mathematics I and II at the Leaving Honours examination or General Mathematics (201).

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. Shear and bending moment diagrams. Stress and strain. Theory of bending and design of beams. Deflection of simple beams and cantilevers. Properties and testing of materials.

**823. Building Science II.**

Provision of satisfactory environment; human physiology and comfort conditions relating to solar radiation, temperature, humidity, light, sound and ventilation. Thermal properties of materials; insulation; condensation. Heating, hot-water supply and ventilation (domestic). Properties of sound; acoustical properties of materials and design of rooms. Light measurement. Electricity supply and wiring regulations. Structural properties and applications of materials; adhesives and adhesion; sheet materials generally. Metals; corrosion; hardness of water and softening systems.

## Text-books:

- Harris, N. C., *Modern air conditioning practice* (McGraw-Hill).  
 Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber).

**824. History of Architecture II.**

Renaissance architecture in Italy, France and England. The Regency, 19th and 20th centuries architecture. The early architecture of Australia and its development to the present day.

## Text-books:

- Allsop, H. S., *The general history of architecture* (Pitman).  
 Fletcher, B., *History of architecture* (Batsford).  
 Pevsner, N., *An outline of European architecture* (Penguin).

## Reference books:

- 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).

**825. 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., *Éléments et théorie de l'architecture* (Librairie de la Construction Moderne).  
 Le Corbusier, *Entretien avec les étudiants des écoles d'architecture* (Editions de Minuit).  
 Fry, E. M., *Fine building* (Faber).  
 Lurçat, A., *Formes—composition et lois d'harmonie* (Vincent, Fréal).  
 Greenough, H., *Form and function* (University of California Press).  
 Hamlin, T., *Forms and functions of 20th century architecture*, 4 vols. (Columbia).  
 Jellicoe, G. A., *Studies in landscape design* (O.U.P.).  
*Time Saver Standards* (Dodge).

- Ramsay, C. G., and Sleeper, H. R., *Architectural Graphic Standards* (Wiley).  
 Kepes, G., *The language of vision* (Theobald).  
 Raskin, E., *Architecturally speaking* (Reinhold).  
 Smith, G. E. Kidder-, *The new architecture of Europe* (Meridian, or Penguin).

### 826. Architectural Surveying.

The construction, use and adjustment of surveying equipment; optical square; staff; levels; theodolites. Chain surveys, levelling, traverses; measurement and setting out of building works; tacheometry; 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.

Text-books:

- Huggins, F. R., *Building surveys* (Batsford).  
 Curtin, W., and Lane, R. F., *Concise practical surveying* (E.U.P.).

Reference book:

- Bannister, A., and Raymond S., *Surveying* (Pitman).

### 827. Studio Work II.

The practical application of theoretical work in architectural design; building construction; building science; history of architecture.

## THIRD YEAR.

### 831. Building Construction III.

Retaining walls, boundary walls and fences. 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. Internal finishes to floors, walls, ceilings.

Text-books:

- McKay, W. B., *Building construction*, Vol. 3 (Longmans).  
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).  
 Eastwick-Field, J., 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.).

### 832. 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.

### 833. Building Science III.

Artificial 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. Functional analysis of architectural planning. Materials; concreting cements, special cements and additives; dense and light-weight concretes; surface finishes; pre-cast and pre-stressed concrete products. Ceramics. Floor finishes. Biological attack on building materials; preventive methods.

Text-book:

- Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber).  
 Harris, N. C., *Modern air-conditioning practice* (McGraw-Hill).

**834. Professional Practice I.**

Specification; structure and organisation of building industry; central and local government; general law of contract. Pricing of tenders. Preparation of quantities.

## Text-books:

- Aqua Group, *Pre-contract practice* (Lockwood).  
 Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).

**835. 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. 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).  
 Gibberd, F., *Town design* (Architectural Press).

**837. Studio Work III.**

The practical application of theoretical work in architectural design, building construction, building science, and structures.

## FOURTH YEAR.

**841. 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).

**842. Structures III.**

Analysis of indeterminate framed structures. Two-pin arches. 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*.

**843. Building Science IV.**

Assessment of incident solar radiation on walls and roofs. Principles of fire protection of buildings; fire resistance of materials and protective measures. Plastics. Protection and decoration of materials and surface finishes. Illumination; design of the visual field; glare.

**844. 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).

**845. 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).

**846. Town and Regional Planning and Civic Design I.**

The architect and town planning; the history of town planning from ancient times; 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; town planning in Australia.

Text-books:

Mumford, L., *The city in history* (Secker and Warburg).

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).

Reference books:

Hughes, T. H., and Lamborn, E. A. G., *Towns and town planning, ancient and modern* (O.U.P.).

Giedion, S., *Space, time and architecture* (Harvard U.P.).

Stewart, C., *Prospect of cities* (Longmans).

Abercrombie, P., *Town and country planning* (O.U.P.).

"Fortune" (Periodical), *The exploding metropolis* (Doubleday).

Gibberd, F., *Town design* (Architectural Press).

Sulman, J., *Town planning in Australia* (N.S.W. Government Printer).

**847. Studio Work IV.**

The practical application of theoretical work in architectural design, building construction, building science, and structures.

**859. Honours.**

In the fourth year, Honours students undertake additional seminar courses. For syllabus, see under the fifth year.

## FIFTH YEAR.

## 851. 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.

## 852. Structures IV.

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

Text-book:

Speedie, M. J., and O'Donnell, I. J., *Foundation practice* (Tait).

## 853. Building Science V.

Quality control of materials. Acoustics; speech reinforcement and loud-speaker installations. Illumination; permanent supplementary artificial lighting for interiors; street lighting. Single-stack drainage. Solar heating and cooling. Bearing properties and classification of soils. Soil stabilisation. Atmospheric pollution. Specialised problems and scientific research for architecture and town planning.

## 854. Professional Practice III.

The code of professional conduct. Standard fee scales. Office organisation. Programming. Economic theory and valuation. Building investment and budgeting. Variations. Law relating to the architect. Arbitration. Bankruptcy and liquidated damages. Town planning acts. The Building Act and by-laws. Contract law.

Text-book:

Eggleston, H. S., *The practising architect* (M.U.P.).

## 855. Architecture Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

## 856. Town and Regional Planning and Civic 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. Regional and national planning with reference to economics, sociology and demography.

Text-book:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (Melbourne U.P.).

Reference books:

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette, London).

Chapin, F. S., Jr., *Urban land use planning* (Harper).

Winston, D., *Sydney's great experiment* (Angus and Robertson).

Gifford, K. H., *The Victorian town planning handbook* (Law Book Co. of Aust.).

A.P.R.R. (Ed.), *The town and country planning text-book* (Architectural Press).

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).

Sharp, T., *Town planning* (Pelican).

Sulman, J., *An introduction to the study of town planning in Australia* (Govt. Printer, N.S.W.).

## 857. Studio Work V.

Advanced projects in architectural design and applications relating to building science, architectural construction, and structures.

## 859. Honours.

For honours students additional seminar courses dealing with the following subjects will be provided in the fourth and fifth years: (a) Specialised architectural design and planning; (b) architecture and environment; (c) the development of the modern movement; (d) factory production and prefabrication; (e) civic design and regional planning; (f) architecture and structure.

## (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 and Gibberd, *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 and Hellberg, *Shops and stores today* (Batsford).  
 Gutmann, R., and Koch, A., *Shop design* (Koch).  
 Gatz, K., and Hierl, F., *Neue Läden* (Callwey).  
 Meyer and Cole, *Theatres and auditoria* (Reinhold).  
 Mills, E., *The modern church* (Architectural Press).

## (b) Text-books:

- Fry, E. Maxwell, and Drew, J., *Tropical architecture in the humid zone* (Batsford).  
 Oakley, D., *Tropical houses* (Batsford).  
 Conklin, G., *The weather conditioned house* (Reinhold).  
 Aronin, J. E., *Climate and architecture* (Reinhold).  
 Olgyay and Olgyay, *Solar control and shading devices* (Princeton U.P.).  
 Groundwater, I., *Solar radiation and air conditioning* (Lockwood).  
 Billington, N. S., *Thermal properties of buildings* (Clever Hume).  
 Drysdale, J. W., *Designing houses for Australian climates* (Australian C.E.B.S., Bulletin No. 6).

- Holmes, B. M., *Weathering in the tropics* (Australian C.S.I.R.O. Division of Building Research, Melbourne).  
 Keough, J. J., *Selected Australian climatic data* (Tech. Study 36, Australian C.E.B.S., Sydney).  
*Climate and meteorology of Australia* (Bulletin No. 1, Australian Bureau of Meteorology, Govt. Printer, Canberra).

## 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, *Weather and climate* (McGraw-Hill).  
 Finch, V. C., and others, *Elements of geography, physical and cultural* (McGraw-Hill).  
 Bedford, T., *Basic principles of heating and ventilating* (Lewis).  
 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).  
 Various other British and Australian Building Research Station publications as prescribed by the lecturer.

## (c) Text-book:

- Joedicke, J., *History of modern architecture* (Architectural Press).

## Reference books:

- Giedion, S., *Space, time and architecture* (Harvard U.P.).  
 Banham, R., *Theory and design in the first machine age* (Architectural Press).  
 Pevsner, N., *Pioneers of modern design from William Morris to Walter Gropius* (Pelican).  
 Blake, P., *The master builders* (Gollancz).  
*Masters of world architecture series* (Mayflower).  
 Hitchcock, H. R., *Architecture of the 19th and 20th centuries* (Pelican).  
 Richards, J., *The functional tradition* (Architectural Press).

## (d) Text-books:

- B.S. 1708—*Modular co-ordination* (British Standards Institution).  
 B.S. 2900—*Modular co-ordination in building*, Part I, Glossary (British Standards Institution).  
 Harrison, D., *Dex, Standards in building and modular co-ordination* (Spon).  
 Madge, 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).  
 O.E.E.C., European productivity agency, *Modular co-ordination in building* ([From H.M.S.O.] 1956).

## SUBJECTS FOR THE DEGREE OF MASTER OF TOWN PLANNING

## 800. 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).

Urban Land Institute, *Community Builders' handbook* (Urban Land Institute).

Lynch, K., *The image of the city* (Technology Press, Harvard Press).

Boyd, R. P., *The Australian ugliness* (Cheshire).

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.).

Great Britain: Transport, Ministry of, *Design and layout of roads in built-up areas* (Ministry of Transport, H.M.S.O.).

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.).

Urban Land Institute, *New approaches to residential land development* (Urban Land Institute).

Gruen V. D., and Smith, L., *Shopping towns, U.S.A.* (Reinhold).

Logie, G., *Industry in towns* (London).

*Planned industrial districts* (Urban Land Institute).

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).

Isard, W., *Methods of regional analysis* (M.I.T. Press).

*Rezoning New York city* (City Planning Commission, New York).

Winston, D., *Sydney's great experiment* (Angus and Robertson).

Melbourne Metropolitan Planning Scheme, *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).

Town Planning Committee, S.A., *Report on the metropolitan area of Adelaide* (Government Printer, Adelaide).

Various Reports of the National Capital Development Commission (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.

**801. 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 860.

**802. 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 860.

**803. History of Town Planning.**

Origins. Ancient town planning. Mediaeval and early Renaissance. Baroque. Georgian and Regency. Industrial revolution. Garden city movement. Early planning in Australia.

Text-book:

Mumford, L., *The city in history* (Secker and Warburg).

Reference books:

Hughes, T. H., and Lamborn, E. A. G., *Towns and town planning, ancient and modern* (O.U.P.).

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.).

**804. 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.

**805. 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.

**806. 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.

**807. 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.

**808. 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.

**809. 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*.
- 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).
- Williams, Mekie and Roots, *Town and country planning act 1947* (Spon).
- Mekie and Williams, *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., *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).
- Our Birmingham* (Cadbury).
- Changing Britain* (Cadbury).
- Tubbs, R., *Living in cities* (Penguin).
- Industrial 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, 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 reasearch* — 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).
- Smalles, 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, L. 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., 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.).
- 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).
- 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).
- Political and Economic Planning, *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. G., *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.).
- Political and Economic Planning, *Agriculture and land use* (P.E.P.).
- Great Britain: Agriculture, Fisheries and Food, Ministry of, *Agricultural statistics, United Kingdom 1958-59* (H.M.S.O.).
- Great Britain: Information, Central Office of, *Farming Britain* (C.O.I.).
- Great Britain: Information, Central Office of, *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, *Nuclear energy in Britain* C.O.I. Reference Pamphlet RF. P. 4192 (H.M.S.O.).
- Great Britain: Water Pollution Research Board, *Water pollution research*, 1959 (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, *Post-war industrial progress in the United Kingdom*, Reference Paper R. 3908 (C.O.I.).
- Hurd, Sir A. (Ed.), *Ports of the world* (Shipping World).
- Political and Economic Planning, *The British shipping industry* (P.E.P.).
- Port of London Authority, *50th annual report, 1958-59* (P.L.A.).
- Great Britain: Information, Central Office of, *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.).
- 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, London and Home Counties Traffic Advisory Committee, *Annual report, London traffic, 1958* (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*, 1960 (B.B.C.).
- British Broadcasting Corporation, *The B.B.C. television service. A technical description* (B.B.C.).
- Political and Economic Planning, *Television in Britain* (P.E.P.).
- Great Britain: Post Office: Broadcasting; *Memorandum on television policy*, Cmd 9005 (H.M.S.O.).

## FACULTY OF TECHNOLOGY

### TECHNOLOGY AND APPLIED SCIENCE

#### 860. 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:

Baston, A., and Hosie, R. R., *Elements of accounts* (Cassell).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Accounting fundamentals* 2nd edition (Law Book Co.).

Goldberg, L., *An outline of accounting* (Law Book Co.).

Yorston, R. K., Brown, S. R., and Sainsbury, H. L., *Costing procedures*, 3rd edition (Law Book Co.).

*Basic accounting for builders* (New Zealand Master Builders' Federation).

Goldberg and Hill, *The elements of accounting*.

### 861. Geology 1A.

LECTURES.—The lectures given in the first two terms of Geology I (251).

PRACTICAL WORK.—The crystallography, mineralogy and petrology sections of the practical course in Geology I (251).

Preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or

Read, H. H., *Geology* (H.U.L.).

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).

Tyrell, G. W., *Principles of petrology* (Methuen).

### 862. 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.

### 863. Organic Chemistry IIA.

A course similar to Organic Chemistry II (243), amounting to two lectures and not less than six hours' practical work a week, given to students in the Faculty of Technology.

**864. Principles of Business and Industry.**

The course consists of two hours of lectures a week throughout the year.

A study of the elements of: the law of contracts; principal and agent; sale of goods; negotiable instruments; insurance; guarantee.

The various forms of business organization: sole trader; partnership; companies—public, private, no-liability, holding and subsidiary; government and semi-government.

The various methods of financing business: capital—ordinary, preference, deferred—Governor's shares; borrowing—debentures, unsecured notes, mortgages, overdrafts, hire purchase, bills of exchange; functions of Stock Exchange, finance houses, banks; consideration will be given to provision of permanent or long term capital, as well as to working or short term capital; the effects of price variations on depreciations, stocks, etc.; the financing of government and semi-government enterprises; an understanding of published financial statements—income statements, cash statements, balance sheets; distinction between revenue and capital; records generally—purpose of and connection between—forms or vouchers and final costs and statements; forms or vouchers and statistical records, with emphasis on lines of authority; budgeting within the business—its purpose and method; costing—elementary principles of historical, job, process and standard costing.

Text-book:

First term—Yorston and Fortescue, *Australian mercantile law*, latest edition.  
Other books will be notified in class.

**865. Supervision—Human Relations.**

The course consists of one and a half hours of lectures a week throughout the year.

The role of the supervisor, analysis of business activities, characteristics of good organization, analysis of the supervisor's job, leadership—meaning objectives and essential qualities, development of leadership (methods of self-rating), problem solving and decision making, written expression, report writing, principles of controlling people—personnel problems motivating employees, giving orders, maintaining discipline, handling grievances, problems of transfer, promotion and dismissal, developing and maintaining work interest, incentives, employee selection and placement, starting the new employee, the supervisor as an instructor, development of understudies, supervising women, juniors and older people, creating and maintaining morale.

Text-book:

Bittel, L., *What every supervisor should know* (McGraw-Hill).

Reference books:

Spriegel and Schultz, *Elements of supervision* (Wiley).

Heyel, *The foreman's handbook* (McGraw-Hill).

Maynard, *Effective foremanship* (McGraw-Hill).

**866. Industrial Microbiology I.**

Pre-requisite subjects: Biology (270), General Physics (221), and Chemistry IA (232).

The course consists of two hours of lectures 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 with special reference to bacterial food poisoning and other infections spread by food and water, methods of prevention, infections of food animals. The microbial flora of the human body. Introduction to the microbiology of milk and water, quality control and methods of treatment, sewage and trade waste disposal, the microbiology of air and soil.

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, soil 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*, 2nd edition (McGraw-Hill, 1949).

Reference books:

Chalmers, C. H., *Bacteria in relation to milk supply* (Arnold).

Hammer, B. W., *Dairy bacteriology*. 3rd edition (Wiley, 1948).

Waksman, S. A., *Soil microbiology* (Wiley).

Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, 1954).

### 867. Industrial Microbiology II.

Pre-requisite subject: Industrial Microbiology I (866).

The course consists of two hours of lectures 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. The edible fungi. Historical outline of the development of microbiology especially in relation to fermentations and food preservation.

Practical work includes a study of microbial associations and antagonisms and microbial variation, microbiological assay of vitamins and antibiotics. Investigations of the micro-flora of common foodstuffs; laboratory scale food-processing; investigations of spoiled foods. Laboratory scale investigations of typical fermentation and other microbiological processes used in industry. Excursions to various factories.

Text-books:

Prescott, S. C., and Dunn, C. C., *Industrial microbiology*, 2nd edition (McGraw-Hill).

Stainer, R. Y., Dandoroff, M., and Adellers, E. A., *General microbiology* (Macmillan, 1958).

Reference book:

Underkoffler and Hicky, *Industrial fermentations*.

### 868. Unit Operations.

Pre-requisite subjects: Applied Physical Chemistry (988) and Process Technology I (975).

Lectures: One hour a week throughout the year dealing with the theory of fluid flow; heat transfer; evaporation; distillation; absorption; extraction; humidification and air conditioning; drying; filtration; size reduction and separation.

Practical work: Three hours' work a fortnight with laboratory apparatus designed to illustrate the principles of unit operations.

Tutorials: Three hours' a fortnight on the solution of problems designed to illustrate the principles discussed in the lectures.

Text-book:

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

## Reference books:

- Brown, G. G., *Unit operations* (Wiley, 1950).  
 Perry, J. H., *Chemical engineers handbook*, 3rd edition (McGraw-Hill).  
 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).

## 870. Building Science I (T).

The course consists of one hour of lecture and one hour of practical work a week.

Building stones and reconstructed stone, limes, cements and plasters; pozzolans; aggregates; mortars; design of concrete mixes; clay bricks, terracotta, earthenware, stoneware; tiles; fireclay; bitumen, asphalt, coal tar; timber, growth, seasoning, grading, preserving; veneers and hardboard; glues; ferrous metals; non-ferrous metals; alloys; welding, soldering, brazing, riveting, etc.; electrolysis and corrosion; protection of metals; asbestos cement; insulative materials; plastics; paints; glass.

## 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.).

## Reference books:

- Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (English Universities Press).  
 Gay, C. M., and Parker, H., *Materials and method of architectural construction* (Wiley).  
 Handisyde, C., *Building materials* (Architectural Press).  
*Principles of modern building*, Vols. I and II (H.M.S.O.).  
*Guide to current practice* (Institute of Heating and Ventilating Engineers).  
*Table of temperature, etc.*, Pt. VI Australasia (H.M.S.O.).  
 Taylor, G., *Australia* (Methuen).  
 Ingersley, *Acoustics in modern building practice* (Architectural Press).

## 871. Building Science II (T).

Pre-requisite or concurrent subject: Building Science I (T) (870).

The course consists of two hours of lecture a week for the first two terms and one hour of lecture a week for the third term, and one hour of practical work a week throughout the year.

Part A. Properties and uses of materials: thermal insulation; heat transfer and transmittance; insulation of walls, floors and roofs; design for climate; climatic zones of Australia; natural ventilation (domestic); elementary heating (domestic); properties and uses of acoustic materials; sound; noise; sound transmission; insulation of partitions, doors, windows; fixing absorptive materials; fire protection; effect of fire in buildings; fire risk of materials, ratings; insulation; lighting; daylight penetration and factors; reactions of surfaces and colours.

## 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.).

## Reference books:

- Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (English Universities Press).  
 Gay, C. M., and Parker, H., *Materials and method of architectural construction* (Wiley).  
 Handisyde, C., *Building materials* (Architectural Press).  
*Principles of modern building*, Vols I and II (H.M.S.O.).  
*Guide to current practice* (Institute of Heating and Ventilating Engineers).  
*Table of temperature, etc.*, Pt. VI Australasia (H.M.S.O.).  
 Taylor, G., *Australia* (Methuen).  
 Ingersley, *Acoustics in modern building practice* (Architectural Press).

## 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*.

## 872. Building Science III (T).

Pre-requisite or concurrent subject: Building Science II (T) (871).

The course consists of two hours of lectures a week throughout the year.

## Part A. Building Plant A.

Planks—timber to be used, dimensions and safe loads, methods of preservation; ropes—Manilla, coir and hemp ropes, breaking strains; steel ropes—sizes and safe loads and care; slings and hooks; scaffolding—its types and uses, such as stools and frenchmen, wooden scaffolding, steel tubular scaffolding, mobile scaffolding, swing scaffolds, traversing swing scaffolding, hanging scaffolds, ladders, steps, etc., safety precautions; builders' offices and sheds; branding of scaffolding and plant; concrete mixers—types and sizes, maintenance, outputs, aerating mixers; batch mixers for large construction; hoists and winches—single rope hoists, platform hoists, bucket hoists, mobile hoists: their capacities, erection, maintenance and care; elevators—their uses, care and maintenance; cranes—derrick cranes, their sizes, capacities, uses and erection, assembly and dismantling problems; mobile cranes—types, sizes, maintenance and uses; compressors—uses of air tools, maintenance of same, maintenance of air unit—hand tools—their uses and maintenance, drills, portable saws, gun hammers, emery wheels, manual hand tools; wood-working machines—their types, uses and maintenance; pile driving equipment; dewatering equipment; pumps—their types and uses; derrick poles, wood and steel—method of guying and lifting capacities; formwork—types of steel formwork, maintenance of steel formwork; moving formwork—its design, operation and maintenance; bulk cement equipment; concrete pumps and grout pumps; air lock equipment; concrete skips, buckets and chutes; pre-stressing equipment; internal combustion engines—their simple principle, operation, maintenance and advantages; electric motors—their simple principle, operation, maintenance and advantages; simple outline of excavators, draglines, bulldozers, graders, dump trucks, etc.; transport—commercial vehicles, their types, sizes and maintenance and uses.

NOTE: Visits to various building sites are included in this subject.

## Reference books:

Rossnagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act, 1912-1948* (N.S.W. Government Printing Office).

## 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 services; illumination; fire protection; vertical transportation.

Exercises, problems and calculations involved in the design of the above services and equipment.

## Reference books:

Carrier, Cherne and Grant, *Modern air-conditioning, heating and ventilation*.

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).

**873. Building Construction and Drawing I.**

A descriptive course in elementary building construction and drawing, consisting of one hour lecture and two hours of practical work throughout the year. The lectures include an introduction to construction; the relationship of client, architect, and builder; the fundamental problems involved; stability, weather protection, climatic considerations, economy, etc. Some examples of construction which meet these requirements. A brief survey of historical examples.

A study of the basic building elements:—

(1) Walls; forces acting on buildings, types of foundations, footing design, strength of masonry walls, bond, thermal movement, moisture movement, exclusion of water from cavity walls, damp proofing, formation of openings, fireplace design, convector fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, triple (trussed) roofs, flat (timber) roofs and upper (timber) floors, trimming, eaves details, ceilings, roof coverings for low and high pitched roofs, roof plumbing, flashings, eaves, gutters.

(4) Joinery work; doors, types of doors, windows, functions, daylight, ventilation, view, sound insulation, etc., types of window.

Students are expected to study and draw out to scale examples of these building elements progressing from simple examples to the study of a complete building.

Text-books:

Mitchell, *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, *Building construction*, Vols. 1, 2 and 3 (Longmans Green).

Davies and Petty, *Building elements* (Architectural Press).

Sharp, W. Watson, *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).

**874. 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, convector fires.

(2) Floors; framed timber floors (ground floors), under floor ventilation, concrete ground floors, C.S.I.R.O. recommendations, type of floor coverings.

(3) Roofs; carpentry joints and fixings, single roofs, double (purlin) roofs, C.S.I.R.O. recommendations, 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, *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 and Petty, *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).

**875. Building Construction and Drawing II.**

The course consists of one hour of lecture and two hours of practical a week throughout the year.

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 movements, siting buildings, land drainage, ground water and the design of basements, retaining walls.

(2) Walls; basement walls, methods of waterproofing, stone walling, walls and framed structures (choice of structure) timber framed buildings, weather and vapour barriers, ant proofing, flashing, prefabricated design, concrete walling, no-fines concrete.

(3) Cladding of framed buildings; functional requirements, (moisture problems, isolation, insulation, sound insulation, fire resistance, weathering and appearance), types of cladding, heavy cladding, light cladding, jointing details, examples of satisfactory systems.

(4) Floors; *in situ* concrete floors, pre-cast concrete floors, hollow floor systems, pre-stressed concrete, fire resistance, sound insulation of floors, ceilings, types of suspended ceilings, staircase, metal concrete, pre-cast stairs.

(5) Roofs; triple (trussed) roof systems, timber nailed, convector, glued and laminated, steel trusses, portal frames, flat roofs, build-up timber beams, open web steel trusses, concrete slab, factory roofs, north light steel trusses, monitor roofs, curved concrete domes, roof coverings, sheet metal bituminous felt and asphalt, C.S.I.R.O. recommendations, thermal expansion problems, roof plumbing, guttering, tapering gutters, box gutters, calculations for rainwater disposal.

(6) Joinery; moisture content, functional requirements of joinery components, fittings, joinery construction, shape of sections, junctions, design of large components, joints, principles of jointing, types of joint, selected details, plywoods, hardboards.

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-books:

- McKay, W. B., *Building construction* Vol. 4 (Longmans Green).  
 D.S.I.R., *Principles of modern building* Vols 1 and 2 (H.M.S.O.).  
 C.E.B.S., *Notes on the science of building*.

## Reference books:

- McKay, W. B., *Building construction* Vols. 1, 2 and 3 (Longmans Green).  
 Mitchell, G. A., *Building construction*, Vol. 2, new edition (Batsford).  
 De Mare, E., *New ways of building* (Architectural Press).  
 Field, J. E., and Stillman, J., *The design and practice of joinery* (Architectural Press).

**876. Building Construction and Drawing III.**

Pre-requisite subject: Building Construction and Drawing II (875).

Concurrent subject: Building Administration II (878).

The course consists of one hour of lecture and five hours of practical work a week throughout the year.

**(a) Working Drawings and Specifications I.**

A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

**(b) Working Drawings and Specifications II.**

A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

## Reference books:

B.R.S., *Principles of modern building* Vols. I and II (H.M.S.O.).

Road Research Laboratory, *Concrete roads* (H.M.S.O.).

Harris and Morice, *Pre-stressed concrete* (Cement & Concrete Association).

Peck, Hanson and Thornburn, *Foundation engineering* (Wiley).

Wynn, *Design and construction of formwork* (Concrete Publications).

Raynolds, *Concrete construction* (Concrete Publications).

**877. Building Administration I.**

The course consists of one hour of lecture a week for the first and third terms, and two hours a week for the second term.

**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.**

Selection of working areas; selection of site offices; selection of sheds, etc.; selection of stacking areas, storage of materials; planning placement of materials; planning hoisting of materials; placing of plant, etc.; temporary services—power, water, etc.; material ordering and order books; cartnote and delivery records; time sheets, time records, and time control; job time schedules; distribution of wages, including legal aspect; set out work—foundations, storey rods, detailed construction; sub-contractors—organizing their responsibility, contractor's responsibility; methods of dealing with variations to contract; contractor's responsibility and relation to clerk of works, architect, engineer, building owner; clerk of works relation and responsibilities; architect's relation and responsibilities; engineer's relation and responsibilities; building owner's relation and responsibilities; general duties of a foreman; general duties of clerk of work; delegation of work to leading hands; awards—their interpretation (with respect to change room, first aid, etc.); cleaning up of site and work; duties in handing over works; care of plans and specifications; estimating labour requirements; estimating plant requirements; the Scaffolding Act; footpath crossing; hoardings, etc.

## Reference books:

Gillespie, J. J., *Training in foremanship and management.*

Hiscox, W. J., *Factory layout, planning and progress.*

Galbraith, Frank, *Time and motion study.*

**878. Building Administration II.**

Pre-requisite subject: Building Construction and Drawing II (875).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

**Part A. Building Act 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.

In addition to the above, there are exercises in building construction, not necessarily related to the Building Act, which are of a more advanced nature than those undertaken in the subject, Building Construction and Drawing II (1026).

**Text-book:**

*The South Australian Building Act and Regulations, 1923-1946.*

**Reference books:**

As for Building Construction and Drawing I (873).

**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.*

Hiscox, W. J., *Factory layout, planning and progress.*

**880. 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.

**Perspective.**

The principles of perspective, definitions and terms used in perspective; simple positions of solids; models composed of a combination of solids. Perspective composition; the projection of architectural perspectives from given plans and elevations.

**Sketching.**

Freehand sketching of simple models, showing plans, elevations, sections and dimensions. Perspective freehand sketching of architectural details. Freehand lettering as required for titles and subtitles of architectural drawings.

*Plane Geometry.*

Construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors of circles; third, fourth and mean proportionals; circles of a given radius to touch lines, one or two circles; regular polygons within and without circles; simple problems on the areas of squares, rectangles, parallelograms, polygons and circles; reducing complex figures to simple figures of equal areas; the construction of the ellipse, parabola, hyperbola; Ionic volute and involute of a circle; spirals; cycloids.

*Solid Geometry.*

The projection of points, lines, surfaces, and simple solids at an angle to either plane of projection; envelopes of simple solids; sections of solids made by horizontal and vertical planes parallel to the H.P. and V.P.; oblique sections and their true shapes; solids at angles with both planes of reference; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersection solids and their envelopes; spheres tangentially in contact; the construction of the helix; axonometric and isometric projections; development by triangulation.

## Text-book:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

## Reference books:

Sierp, A. F., *Perspective projection* (Sands and McDougall).

Holmes, J., *Applied perspective* (Pitman).

Lee and Reekie, *Descriptive geometry for architect and builders* (Arnold).

**881. Free Drawing IA.**

The course consists of two hours of lectures a week throughout the year.

Lectures on lettering and layout. Outdoor sketching. Rendered studies in various media. Drawing and sketching of buildings and their components.

## Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

**882. Architectural History IB.**

A course of lectures on the development of architecture specially adapted for students of Quantity Surveying. The course covers the architecture of Egypt, the Aegean, Greece, Rome, the Early Christians, Byzantium and of the Middle Ages.

## Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

## Reference book:

Pevsner, N., *Outline of European architecture* (Penguin).

**883. Architectural History IIB.**

Pre-requisite subject: Architectural History IB (882).

The course consists of one hour of lecture and two hours of practical a week throughout the year.

A continuation of the course of lectures on architectural development specially adapted for students of Quantity Surveying. The lectures cover the Architecture of the Renaissance in Italy, France and England. Nineteenth century revival and the development of modern architecture.

The practical work consists of drawing exercises to aid the study of buildings referred to in Architectural History IB and IIB. Students must submit notebooks, sketches and drawings.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

Reference books:

Pevsner, N., *Outline of European architecture* (Penguin).

Lavedan, P., *French architecture* (Penguin).

Boyd, R., *Australia's home* (Melbourne University Press).

#### 885. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I (873) or IA (874).

The course consists of two hours of lectures a week throughout the year.

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.*

#### 886. Quantity Surveying II.

Pre-requisite subject: Quantity Surveying I (885).

Concurrent subject: Building Construction and Drawing II or IIA.

The course consists of two 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: 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.*

#### 887. Quantity Surveying III.

Pre-requisite subjects: Quantity Surveying II (886) and Building Construction and Drawing II (875) or IIA (876).

The course consists of two 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.

Reference book:

*Australian standard method of measurement of building works.*

#### 888. Estimating and Costing.

The course comprises two hours of lectures a week throughout the year.

Effective hourly labour data, extras, contractor's margin data, constants for manual labour, material prices, build up of unit rates, costing analysis, aids to estimating, application of data in estimating.

Reference books:

Rea, J. T., *How to estimate* (Batsford).

Pulver, *Construction estimates and costs* (McGraw-Hill).

Geddes, *Estimating for building and civil engineering works* (Newnes).

Wynn, *Estimating and cost keeping for concrete structures* (Concrete Publications).

**890. Design of Structures.**

Pre-requisite subject: Strength of Materials (T) (960).

The course comprises one hour of lecture and three hours of practical work a week throughout the year.

An introduction to the design of structures in concrete, timber and steel; the use of standard codes; design projects in concrete, steel and timber.

Reference books:

Urquhart, O'Rourke and Winter, *Design of concrete structures* (McGraw-Hill).

Gaylord and Gaylord, *Design of steel structures* (McGraw-Hill).

Pearson, Kloot and Boyd, *C.S.I.R.O. timber engineering design handbook* (M.U.P.).

**891. Town Planning Practice I.**

A course of one lecture a week and some practical exercises. The latter are done in the student's own time.

The lectures cover the nature and purpose of town planning; planning in the context of region and nation; characteristics of towns; structure of towns; town surveys; regional surveys; analyses of surveys; elements of town development plans; elements of regional development plans; open spaces; residential neighbourhoods and site planning; central areas; and statutory planning practice.

Text-books:

Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).

Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).

Reference books:

Geddes, P., *Cities in evolution* (Williams and Norgate).

Sharp, T., Gibberd, F., and Holford, W. G., *Design in town and village* (Ministry of Housing and Local Government) (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.).

Adams, J. W. R., *Modern town and country planning* (Churchill).

Daysh, G. H. J., *Studies in regional planning* (Phillips).

Robinson, W., and Keeble, L., *The development of building estates* (Estates Gazette).

Mumford, L., *The culture of cities* (Warburg).

Ford, P., and Thomas, C. J., *Shops and planning* (Blackwood).

Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).

*Report of the committee on land utilisation in rural areas* (H.M.S.O.).

*Reports of the new towns committee* (H.M.S.O.).

Ministry of Transport Memorandum, No. 575, *Layout and construction of roads, and design and layout of roads in built-up areas* (H.M.S.O.).

Ministry of Education, *Community centres* (H.M.S.O.).

The National Playing Fields Association, *The selection and layout of land for playing fields and playgrounds*.

**892. Law in Relation to Planning.**

The course consists of one hour of lecture a week throughout the year.

- (a) British Law. A general knowledge of the bases of planning law in Britain, including the Barlow, Scott and Uthwatt Reports. A general knowledge of the 1947 Act and its amendments, the 1946 New Towns Act, and subsequent legislation of importance.
- (b) Australian Law. A brief survey of the planning law in force in all states of Australia other than South Australia.
- (c) South Australian Law. The 1916 Planning Bill. The Town Planning and Development Act 1920. The Town Planning Act 1929. The Town Planning Act 1929-57.

Reference books:

The Reports, Bills, Acts, etc. referred to above.

Heap, D., *An outline of planning law* (Sweet and Maxwell).

*The town planning and local government guide* (Law Book Co.).

*The Victorian planning handbook* (Law Book Co.).

**893. Applied Geology and Economic Geography.**

The course consists of one hour of lecture a week throughout the year.

The questions set on this syllabus will be framed with a view to testing the general knowledge of the candidate and his ability to refer to the appropriate sources for precise information.

**(a) Applied Geology:**

Classification of the solid rocks; classification, nature, relative permeability and distribution of the superficial deposits; the relation of geology to surface relief, scenery, soil fertility and agriculture; principles underlying the construction and interpretation of geological maps and sections; the processes of weathering and erosion; water supply from surface and subterranean sources; mode of occurrence and distribution in Australia of coal, iron ore, salt and gypsum and methods of mining or extraction; the principal types of soils and their characteristics.

**Text-books:**

Fearnside, W. G., and Sulman, O. M. B., *Geology in the service of man* (Pelican); or

Raistrick, A., *Teach yourself geology*.

Mining Review No. 97, *Rock products, sand and gravel resources in the metropolitan area of Adelaide*, pp. 142-171.

Mining Review, No. 94, *Survey of the brick manufacturing industry in South Australia*, pp. 98-126; and *Limestone production in South Australia*, pp. 126-164.

*The one mile geological map of the Adelaide military sheet.*

**Reference books:**

Cotten, C. A., *Geomorphology*, 1942.

Longwell, Knopf, Flint, Schuchert and Dunbar, *Outlines of geology* (Wiley).

Emmons, Theil, Stauffer and Albson, *Geology*.

Clarke, Prider and Tiechert, *Elements of geology* (W.A. University Bookshop).

*Geologist Society of Australia* (M.U.P.).

Ward, L. K., *The occurrence, composition, testing and utilisation of underground water in South Australia* (Geological Survey Bulletin No. 23).

Aitcheson, Sprigg and Cochran, *The soils and geology of Adelaide and suburbs* (Geological Survey Bulletin No. 32).

Ministry of Town and Country Planning, *Control of mineral working* (H.M.S.O., 1951).

**(b) Economic Geography:**

The geography of Australia with special reference to land utilisation; forestry and agriculture; the distribution of industry (particularly mining, iron and steel, engineering and the production of power); the distribution of urban and rural populations; the development of settlements; communications.

**Text-books:**

Zimmerman, E. W., *World resources and industries*, Foreword and pp. 1-43 (Harper, 1951).

Jones, C. F., and Darkenwald, G. G., *Economic geography*, pp. 1-20 (Macmillan, 1954).

**Reference books:**

Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition.

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia*, 2nd edition, pp. 338-369 (M.U.P., 1947).

Wills, N. R., *Economic development of the Australian iron and steel industry* (probably available through B.H.P., 1948).

White and Foscue, *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall, 1954).

**900. Structures I (T).**

Pre-requisite subject: General Mathematics (201).

Pre-requisite or concurrent subject: Applied Mathematics (T) (941).

The course consists of three hours of lectures and four hours of practical work a week throughout the year plus eight three-hour seminars.

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-book:

Trathen, R. H., *Statics and strength of materials* (Wiley).

Reference books:

Timoshenko, S., and MacCullough, G. H., *Elements of strength of materials* (D. van Nostrand).

Norris and Wilbur, *Elementary structural analysis*, 2nd edition (McGraw-Hill).

Kloot, Pearson and Boyd, *Timber engineering design handbook* (C.S.I.R.O.).  
Ferguson, *Reinforced concrete fundamentals* (Wiley).

### 901. Civil Engineering A.

Pre-requisite subject: Structures I (T) (900).

Lectures: Influence lines, statically indeterminate trusses, beams and frames, design of structures in steel and concrete, experimental methods.

Practical work: Design problems in conjunction with lecture. Seminars.

Reference books:

Timoshenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill, 1945).

Kinney, J. S., *Indeterminate structural analysis* (Wesley).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley, 1955).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

Urquhart, O'Rourke and Winter, *Design of concrete structures* (McGraw-Hill).

### 902. Civil Engineering B.

Pre-requisite subjects: Surveying IA (906), Applied Mathematics (T) (941), Hydraulics (T) (917), Mathematics I (Engineering) (213) and Structures I (T) (900).

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).

Sherrard, H. M., *Australian road practice* (M.U.P.).

## Reference books:

- Troxel and Davis, *Composition and properties of concrete* (McGraw-Hill).  
 Tschebotarioff, G., *Soils mechanics foundations and earth structures* (McGraw-Hill).  
 Schultz, J. R., *Geology in engineering* (Wiley, 1955).  
 Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal* (Wiley, 1954).  
 Babbit, H. E., and Doland, J., *Water supply engineering* (McGraw-Hill, 1955) (Relevant British codes of practice).  
 Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).  
 Rudolf, W., *Industrial wastes* (Reinhold).

**903. Structures II (T).**

Pre-requisite subject: Structures I (T) (900).

Pre-requisite or concurrent subject: Civil Engineering A (901).

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) (900). A reading guide will be supplied at the beginning of the course.  
 Standards Association of Australia, *Codes* (as applicable).

**904. Methods of Construction and Management.**

Pre-requisite or concurrent subject: Civil Engineering B (902).

A course of 33 lectures dealing with typical construction problems in the fields of buildings, transport, water supply and marine engineering, handling of materials, items of plant, performance and maintenance, job organisation, and personnel administration.

## Text-book:

- Kellogg, F. H., *Construction methods and machinery* (Prentice-Hall).

## Reference book:

- U.S., Bureau of Reclamation, *Concrete manual*.

**905. 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:

- Nash, K. L., *Elements of soil mechanics* (Constable).  
 Schultz, J. R., *Geology in engineering* (Wiley).

## Reference books:

- Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).  
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley or Chapman and Hall).

**906. Surveying IA.**

Pre-requisite subjects: Leaving Mathematics I and II, Leaving Physics.

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 practical work a week throughout the year.

Lectures: The construction, adjustment, and use of instruments; 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; plotting and finishing plans, sections, tracings, tracings, plane table.

Mine surveying: Equipment; basic definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing; various types of survey instruments.

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.

Civil Engineering and Surveying students will be required to attend a survey camp.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable, 1958).

Chambers, *Seven figure mathematical tables*.

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Reference books:

Clendinning, J., *Principles and use of survey instruments* (Blackie).

Clendinning, J., *Principles of surveying* (Blackie).

Winiberg, F., *Metalliferous mine surveying* (Mining Publications).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).

### 907. Survey Camp.

Pre-requisite subject: Surveying IA (906).

The survey camp is held towards the end of the academic year, and is of two weeks' duration. A subject fee of £4/10/- 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.

### 908. Surveying Computations.

Pre-requisite subject: Surveying IA (906).

The course consists of three hours of lectures a week throughout the year.

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.

### 910. Surveying II.

Pre-requisite subjects: Surveying IA (906), General Mathematics (201), and General Physics (221).

Pre-requisite or concurrent subject: Surveying Computations (908).

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 levelling; 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 or 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 book:

Higgins, A. L., *Higher surveying* (Macmillan).

Bannister, A., and Raymond, S., *Surveying* (Pitman, 1959).

**911. 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).

**912. Mine Surveying (1963 only).**

Pre-requisite subjects: Surveying IA (906) and Surveying Computations (908).

Lectures: Equipment; basis definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing; various types of survey instruments.

Text-book:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Reference Book:

Winiberg, F., *Metalliferous mine surveying* (Mining Publications).

**913. Photogrammetry.**

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (910), and Astronomy (915).

Concurrent subject: Geodesy (914).

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*, 1951.

Zeller, M., *Text-book of photogrammetry* (Lewis, 1952).

Schwiedefsky, K., *Text-book of photogrammetry*.

Hart, C. A., *Air photograph applied to surveying* (Longmans, 1943).

Hallert, B., *Photogrammetry* (McGraw-Hill, 1960).

**914. Geodesy.**

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (910), and Astronomy (915).

Lectures: The oblate spheroid; reconnaissance surveys; base line measurement; recording methods; theory of errors—adjustment of observations; the spherical triangle; precise levelling; adjustment of level nets and traverses; topographical surveying for mapping; map projections; transformation of grid coordinates; 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-book:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Reference books:

Hosmer, G. L., *Geodesy* (Wiley, 1929).

Bomford, G., *Geodesy* (O.U.P., 1952).

**915. Astronomy.**

Pre-requisite or concurrent subject: Surveying II (910).

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., and Mackie, J. W., *Astronomy for surveyors* (Griffen, 1953).

*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.).

**916. 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.

**917. Hydraulics (T).**

Pre-requisite subject: General Physics (221).

Pre-requisite or concurrent subjects: Applied Mathematics (T) (941), and Mathematics I (Engineering) (213).

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.

## Reference books:

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics* (McGraw-Hill, 1954).

Streeter, V. L., *Handbook of fluid dynamics* (McGraw-Hill).

*Australian rainfall and run-off* (The Institution of Engineers, Australia, 1958).

**921. Electrical Engineering II (T).**

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

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; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; transients; power conversion, chemical, mechanical and electrical; transmission; distribution; tariffs; lighting; 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.; 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).  
Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).  
Fitzgerald and Kingsley, *Electric machinery* (McGraw-Hill).  
Lawrence, *Principles of alternating currents* (McGraw-Hill).

### 922. Electrical Engineering IIA (T).

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

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 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 a.c. machines, rectifiers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or  
Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).  
Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

### 923. Electrical Engineering III (T).

Pre-requisite subjects: Electrical Engineering II (T) (921) and Mathematics I (Engineering) (213).

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) (922) may be accepted in lieu of a pass in Electrical Engineering II (T) (921).

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 and protection, symmetrical components analysis.

Practical work: Based on lectures.

Text-books:

Fitzgerald and Kingsley, *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 and Richards, *Principles of alternating current machinery* (McGraw-Hill).  
Lawrence, *Principles of alternating currents* (McGraw-Hill).

### 925. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T) (921), and Mathematics I (Engineering) (213).

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 analogues, servo motors, complete control systems.

Text-books:

West, J. C., *Servomechanisms* (English Universities Press); or  
Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

**926. Electrical Engineering Circuits.**

Pre-requisite subjects: General Mathematics (201); General Physics (221).

Concurrent subjects: Applied Mathematics II (T) (942), Applied Physics IB (946).

The course comprises two hours of lectures and two hours' practical work a week.

Lectures: Systems of units; standard symbols, circuit representation; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; impedance; resonance; coupled circuits; transient phenomena; R.C. circuit; L.C. circuit.

D.C. Machines; A.C. Machines; transformers.

Pulse Techniques; digital computer elements; computer requirements; introduction to design of amplifiers, oscillators, power supplies, etc.

**930. Communication Engineering I.**

Pre-requisite or concurrent subjects: Electron Physics (944) and Mathematics I (Engineering) (213).

The course consists of three hours of lectures and three hours of practical work a week throughout the year.

Lectures: Characteristics of coils and condensers at radio frequencies; resonant circuits; Q factor; coupled circuits; vacuum tube characteristics; voltage amplifiers at audio and video frequencies; negative feed-back; tuned voltage amplifiers; tuned power amplifiers, oscillators; amplitude modulation; single side-band transmission; detection; frequency conversion; transistor characteristics; transistor amplifiers; analogies between electrical, mechanical and acoustical systems; microphones; loud speakers.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Seely, S., *Electron tube circuits*, 2nd edition (McGraw-Hill, 1958).

Reference books:

Beranek, L. L., *Acoustics* (McGraw-Hill, 1954).

Boone, E. M., *Circuit theory of electron devices* (Wiley, 1953).

Corcoran, G. F., and Price, H. W., *Electronics* (Wiley, 1954).

Kiver, M. S., *Transistors in radio and television* (McGraw-Hill, 1956).

Ryder, J. D., *Electronic fundamentals and applications*, 2nd edition (Prentice Hall, 1960).

**931. Communication Engineering II.**

Pre-requisite subjects: Communication Engineering I (930) and Mathematics I (Engineering) (213).

The course consists of two hours of lectures and four hours of practical work a week throughout the year.

Lectures: Network theorems; iterative networks; wave filters; the infinite line; R.F. transmission lines; equalization; frequency and phase modulation; antennas; propagation of e.m. waves; wave guides; ultra-high-frequency generators.

Practical: Laboratory experiments on the above subject matter.

Text-books:

Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).

Reference books:

Boone, E. M., *Circuit theory of electron devices* (Wiley, 1953).

Reich, H. J., and others, *Microwave theory and technique* (Van Nostrand, 1953).

Reintjes, J. F., and Coate, G. T., *Principles of radar* (McGraw-Hill, 1952).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill, 1943).

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill).

**933. Applied Electronics.**

Pre-requisite subjects: General Mathematics (201) and Electrical Engineering II (T) (921) or IIA (T) (922).

Pre-requisite or concurrent subject: Mathematics I (Engineering) (213).

The course consists of one hour of lectures and two hours of practical work a week throughout the year.

**Lectures:**

*Fundamental concepts:* electrical conduction in solids and gases; electron emission; semi-conduction; electron behaviour in electric and magnetic fields, photo-electronics.

*2-terminal devices:* characteristics of vacuum diode; gas diode; semi-conductor diodes.

*3-terminal devices:* characteristics of vacuum triode; gas triode; transistor.

*Multi-terminal devices:* characteristics of vacuum tetrode and pentode.

*Amplification:* Basic amplifier configurations; cascaded amplifiers; amplifier response.

*Oscillation:* Negative resistance; feedback; sinusoidal and relaxation oscillators.

*Power conversion:* Rectification; filtering; inversion.

*Control systems:* Power regulation; motor speed and torque control; welding control; induction and dielectric heating; timers; photo-electric control.

*Miscellaneous devices:* C.R. Tubes; P.E. cell; thermistor; vari-reactance devices; stroboscope.

Practical: Laboratory experiments on the above subject matter.

**Preliminary reading:**

Hill, W. R., *Electronics in engineering* (Mc-Graw-Hill, 1950).

**Text-book:**

Carson, *Principles of applied electronics* (McGraw-Hill, 1961).

**Reference books:**

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Kloeffler, R. G., *Industrial electronics and control* 2nd ed. (Wiley, 1960).

Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).

Davis, W. L., and Weed, H. R., *Industrial electronic engineering* (Pitman, 1953).

**934. Applied Electronics—(Short Course).**

Pre-requisite or concurrent subjects: Electrical Engineering II (T) (921) or IIA (T) (922), and Communication Engineering I (930).

The course consists of one hour of lecture and two hours of practical work a week for the second and third terms only.

In the second and third terms, this course offers selected material from Applied Electronics (933) which is not concurrently covered in Communication Engineering I (930).

**Text-book:**

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

**Reference books:**

Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).

Kloeffler, R. G., *Industrial electronics and control*, 2nd edition (Wiley, 1960).

Davis, W. L., and Weed, H. R., *Industrial electronic engineering* (Pitman, 1953).

**935. Electronic Engineering Design.**

Pre-requisite or concurrent subject: Communication Engineering II (931).

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 rectifier and filter circuits; small power transformers; electronic voltage regulators; valve amplifiers; transistor amplifiers.

Text-books:

Ryder, J. D. *Engineering electronics* (McGraw-Hill, 1957).

Langford-Smith, *Radiotron designer's handbook*, 4th edition (Wireless Press, 1952).

Reference books:

As prescribed during the course.

**936. Electronic Measurements.**

Pre-requisite or concurrent subjects: Communication Engineering II (931) and Pulse Techniques (937).

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).

Banner, E. H. W., *Electronic measuring instruments*, 2nd edition (Chapman and Hall, 1958).

Frank, E., *Electrical measurement analysis* (McGraw-Hill, 1959).

**937. Pulse Techniques.**

Pre-requisite subjects: Mathematics I (Engineering) (213) and Communication Engineering I (930).

The course consists of two hours of lectures, two hours of practical work and one hour of tutorial a week throughout the year.

Lectures:

*Linear Waveshaping:* Introduction to Laplace Transformation; response of RC, RL and RLC circuits.

*Linear Amplification:* Equivalent circuits; feedback; cathode follower; operational amplifier; pulse response of video amplifier; rise time and sag compensation.

*Non-Linear Waveshaping:* Circuits for limiting, clamping and non-linear amplification.

**Wave-generation:** Circuits for pulse, saw-tooth, trapezoidal voltage and current generation; trigger circuits; pulse-transformers; delay lines.

**Frequency division:** Synchronisation; binary arithmetic; counters.

**Miscellaneous circuits:** Time modulation; gates; voltage comparators.

**Pulse and Digital systems:** Elements of a T.V. system; basic pulsed radar systems; basic digital computer circuits and principles.

**Practical work:** Laboratory experiments on the above subject matter.

**Text-book:**

Millman, J., and Taub, H., *Pulse and digital circuits* (McGraw-Hill, 1956).

**Reference books:**

Jaeger, J. C., *An introduction to the Laplace transformation* (Methuen, 1959).

Strauss, L., *Wave generation and shaping* (McGraw-Hill, 1960).

Pettit, J. M., *Electronic switching, timing and pulse circuits* (McGraw-Hill, 1959).

Scott, N. R., *Analog and digital computer technology* (McGraw-Hill, 1959).

Reintjes, J. F., and Coate, G. T., *Principles of radar*, 3rd ed. (McGraw-Hill, 1952).

#### 940. 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.

There is a small amount of tutorial work by arrangement.

**Mechanics:** Periodic phenomena, vibrations and waves, elasticity, diffusion, temperature.

**Light:** Geometrical and physical optics, simple lens systems, diffraction, interference, image formation, photography.

**Electricity:** Fields of force, induced E.M.F. and inductance, elementary A.C. circuits, electromagnetic waves, dielectrics, magnetism.

**Electronics:** Motion of charged particle, conduction in metals and gases, thermionics, diode, triode, amplifiers, oscillators, power supplies.

**Modern Physics:** X-rays, photo-electricity, radiation, electron diffraction, semi-conductors.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the following text- and reference books:

**Text-books:**

Sears, F. W., *Mechanics, wave motion and heat* (Wiley).

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).

Martin, T. L., *Physical basis for electrical engineering* (MacMillan).

#### 941. Applied Mathematics (T).

**Pre-requisite subject:** General Mathematics (201).

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.

**Text-book:**

Singer, *Engineering mechanics*, 2nd edition (Harper).

**Reference book:**

Beer and Johnston, *Mechanics for engineers* (McGraw-Hill).

**942. Applied Mathematics II (T).**

Pre-requisite subject: General Mathematics (201).

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 equations, vectors and vector algebra. Determinants and matrices, numerical methods and statistics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

**943. Mechanics (T).**

Pre-requisite subjects: General Mathematics (201); General Physics (221).

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, wave motion and statics.

**944. Electron Physics.**

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

Pre-requisite or concurrent subject: Mathematics I (Engineering) (213).

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; 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; electron optics; solid state.

Text-book:

Millman, J., *Vacuum tube and semi-conductor electronics* (McGraw-Hill).

Reference books:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

Lo, Endres, Zawels, Waldhauer and Cheng, *Transistor electronics* (Prentice-Hall).

Van der Ziel, A., *Solid state physical electronics* (Macmillan).

Ryder, J. D., *Electronic engineering principles*, 2nd edition (Pitman, 1953).

Shive, J. N., *The properties, physics and design of semi-conductors* (Van Nostrand).

**945. Applied Physics IA.**

Pre-requisite subjects: General Physics (221); General Mathematics (201).

Pre-requisite or concurrent subject: Applied Mathematics II (T) (942).

The course comprises three lectures and five hours practical work a week and is given annually.

Subjects of examination: Metrology, vibration and wave motion, surfaces in contact, elasticity and flow, electrical theory, magnetism, optics, heat rheology and physical transport problems.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

**946. Applied Physics IB.**

Pre-requisite subjects: General Mathematics (201); General Physics (221).

Pre-requisite or concurrent subject: Applied Mathematics II (T) (942).

The course comprises two lectures, one tutorial and four hours practical a week.

Subjects of examination: The physics of the electron in (1) vacuum with magnetic and electric fields; (2) gases; (3) electron emission and solids. Power supplies, amplifiers, oscillators, detection and measuring devices.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

**947. Applied Physics IIA.**

Pre-requisite subjects: Applied Physics IA (945), Applied Physics IB (946), Applied Mathematics II (T) (942), and Mechanics (T) (943).

This course comprises three lectures and five hours practical work a week.

Subjects of examination: Atomic theory, optics, electricity, radiation, thermodynamics, physical properties of solids, fundamental limitations of measurement.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

**948. Applied Physics IIB.**

Pre-requisite subjects: Applied Physics IA (945), Applied Physics IB (946), Applied Mathematics II (T) (942), Mechanics (T) (943).

The course comprises three lectures and five hours practical work a week.

Subjects of examination: Vacuum physics, electron optics, X-rays, detection of particles and radiation, quantum electronics, microwaves, nuclear physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading.

**950. 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 and vapours; steady-flow and non-flow processes; elementary heat engine cycles; principles of operation of heat engines; elements of control and instrumentation; measurement of work and power; testing; study of reports of engine trials; elements of heat transfer and heat transfer equipment—boilers, condensers, evaporators, heaters; auxiliary plant—valves, pumps, economisers, feed heaters, de-aerators; elements of combustion; fuels, air compressors; refrigerating plant.

**Text-books:**

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th edition (Arnold, 1958).

**Reference books:**

Kearton, W. J., *Steam turbine operation* (Pitman).

King, G. R., *Basic refrigeration* (Nickersen and Collins, 1951).

Swift, C. D., *Steam power plants* (McGraw-Hill, 1959).

**951. Mechanical Engineering II (T).**

Pre-requisite subjects: General Mathematics (201), Chemistry I (231) or IA (232), General Physics (221) and Mechanical Engineering I (T) (950).

The course consists of two hours of lectures a week throughout the year and two hours of practical work a week for the first and second terms only.

Fundamental laws of thermodynamics; Carnot's principle, reversibility; availability of energy; kinetic theory; internal energy; entropy and enthalpy, thermodynamic relations; ideal heat-engine cycles; gas compressors and pumps; properties of vapours and gas-vapour mixtures; flow and non-flow processes; vapour charts and tables; ideal, hypothetical and practical cycles; flow through orifices and nozzles; critical pressure ratio; stagnation quantities; supersaturation; Rankine cycle; engines; turbines; reheating; feed-heating; elements of refrigeration; principles of combustion; elements of heat transfer; dynamics of engines; valve motions; control mechanisms; flywheels; elementary balancing.

Laboratory work based on the above; report writing.

**Text-book:**

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

**Reference books:**

Spalding, D. B., and Cole, E. H., *Engineering thermodynamics* (Arnold, 1958).

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics* (Wiley).

Keenan, J. H., *Thermodynamics* (Wiley).

**952. Mechanical Engineering III (T).**

Pre-requisite subjects: Mathematics I (Engineering) (213), Applied Mathematics (T) (941), Strength of Materials (T) (960) and *either* Mechanical Engineering II (T) (951) *or* Refrigeration Engineering II (954).

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 and open channels; 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; binary vapours; heat transfer; refrigeration; power plant economy; friction and lubrication; vibration; stresses in rotors.

Practical work based on the above.

A reading guide will be supplied at the beginning of the course.

Text-books:

Shepherd, D. G., *Principles of turbo-machinery* (Macmillan).

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

Reference books:

Walshaw, A. G., *Applied thermodynamics* (Blackie, 1953).

Obert, E. F., *Internal combustion engines* (International Text Book Co.).

Taylor, C. F., *The internal combustion engine*, Vols. I and II (Wiley).

**953. 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:

*Lecturer's Notes.*

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Mayhew, Y. R., and Rogers, G. F. C., *Thermodynamic properties of fluids and other data, British thermal units*, 2nd edition (Blackwell, 1957).

Reference book:

Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1956).

**954. Refrigeration Engineering II.**

Pre-requisite subjects: General Mathematics (201), Chemistry IA (232), General Physics (221) and Refrigeration Engineering I (953).

The course consists of two hours of lectures for the first and second terms only, and two hours of practical work a week throughout the year.

Lectures: Thermodynamics of gases and vapours; gas compression; introduction to thermodynamics of prime movers; refrigeration thermodynamics; properties of primary and secondary refrigerants, operation and testing of plant; elementary heat transfer; psychrometry.

Practical work: 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).  
 Bureau of Standards, Circular No. 142, *Thermodynamic properties of ammonia* (1945).

Reference books:

As prescribed during lectures.

### 955. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (954), and Chemistry I (Organic) (T) (984).

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.

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).  
 American Society of Refrigerating Engineers, *Data book*, design volume, 10th edition, 1957-58.

Reference book:

- Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 3rd edition (McGraw-Hill).

### 957. Machine Design.

Pre-requisite subjects: Engineering Drawing and Design II (964), Strength of Materials (T) (960), Mathematics I (Engineering) (213), and *either* Mechanical Engineering II (T) (951) *or* Refrigeration Engineering II (954).

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; failure theories; 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:  
 Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International) *and*  
 Mabie, H. H., and Ocvirk, F. W., *Mechanisms and dynamics of machinery* (Wiley, 1957).

## Reference books:

- Marks, L. S., *Mechanical engineers handbook*, 6th edition (McGraw-Hill),  
 British Standards:  
*Machine cut gears* (Helical and Straight Spur) No. 436-1940.  
*Bevel gears* No. 545-1949.  
*Machine cut gears* (Worm Gearing), No. 721-1937.  
 Tuplin, W. A., *Machinery's gear design handbook*, 2nd edition (1950)  
 (Machinery Publishing Co., London).  
 Merritt, H. E., *Gears*, 3rd edition (Pitman, 1954).  
 Spotts, M. F., *Design of machine elements*, 3rd edition (Prentice-Hall).  
 Bevan, T., *The theory of machines*, 3rd edition (Longmans).

## 958. Machine Design Project.

Pre-requisite subjects: Engineering Drawing and Design II (964), Strength of Materials (T) (960), Mathematics I (Engineering) (213), and either Mechanical Engineering II (951) or Refrigeration Engineering II (954).

The course consists of two hours of lectures and three hours of practical work a week throughout the year.

Lectures: As for Machine Design (957).

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 (957).

## Reference books:

As for Machine Design (957).

## 960. Strength of Materials (T).

Pre-requisite or concurrent subject: Applied Mathematics (T) (941).

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; fatigue; 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; reinforced concrete columns, beams and tee-beams; 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.

*Concrete in building* C.A.2 - 1958.

Den Hartog, J. P., *Strength of materials* (McGraw-Hill).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

Singer, F. L., *Strength of materials*, 2nd edition (Harper and Brothers, 1962).

**961. Materials and Structures.**

Pre-requisite subject: General Physics (221).

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; reinforced 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:

Morgan, W., and Williams, D. T., *Structural mechanics* (Pitman, 1958).

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:

*Metallic arc welding* S.A.A. Int. 352.

*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.

**963. Engineering Drawing and Design I.**

Pre-requisite subjects: Leaving Mathematics I and II.

The course consists of four hours of practical work a week throughout the year.

The course includes plane and solid geometry, perspective drawing, and dimensioned sketching. Students are advised not to purchase any instruments or drawing paper until after the first lecture.

Plane Geometry: Instruments and their uses; line types and their uses; division of lines and angles; scales; polygons; tangents to circles, curves in contact; construction for ellipse, parabola, hyperbola, involute, cycloid and helix.

Solid Geometry: First and third angle projections of points, lines, surfaces, and solids; sectioning; dimensioning; true shapes of surfaces; true lengths of lines applied to surface development; lines of interpenetration of intersecting solids; development of irregular surfaces by triangulation; auxiliary projection and rotation; axonometric and oblique drawing; arrangement drawings of simple assemblies.

Perspective: A brief outline of the principles of perspective drawing; definitions and terms.

Dimensioned Sketching: Freehand sketching of simple parts showing views and sections necessary to portray the object completely; dimensioning of sketches.

Text-books:

Zozzora, F., *Engineering drawing*, 2nd edition (McGraw-Hill, 1958).

B.S.308: 1953, *Engineering drawing practice*.

Reference books:

French, T. E., and Vierck, C. J., *Engineering drawing*, 9th edition (McGraw-Hill, 1960).

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry*, 2nd edition (Wiley, 1961).

Luzadder, W. J., *Fundamentals of engineering drawing*, 4th edition (Prentice Hall, 1959).

Grant, H. E., *Engineering drawing; combined text-book* (McGraw-Hill, 1962).

**964. Engineering Drawing and Design II.**

Pre-requisite subject: Engineering Drawing and Design I (963). If *either* Structures I (T) (900) *or* Strength of Materials (T) (960) *or* Materials and Structures (961) has not been passed, it must be taken concurrently. 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; riveted joints; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; ball and roller bearings (introductory treatment only); spur gears; flat and vee-belt drives; rope and chain drives; lifting chains and ropes; springs; brakes; curved beams; thick cylinders; shrink fits.

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:**

Spotts, M. E., *Design of machine elements*, 3rd edition (Prentice-Hall, 1961).

B.S. 1916: Part 1: 1953, *Limits and fits for engineering*.

B.S. 1916: Part 2: 1953, *Guide to selection of limits and fits*.

B.S. 308: 1953. *Engineering drawing practice*.

**Reference books:**

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan, 1955).

Faires, V. M., *Problems on the design of machine elements*, 3rd edition (Macmillan, 1955).

Merritt, H. E., *Gears*, 3rd edition (Pitman, 1958).

Zozzora, F., *Engineering drawing*, 2nd edition (McGraw-Hill, 1958).

Bevan, T., *The theory of machines*, 3rd edition (Longmans, 1956).

S.A.A. CB1-1952, *Boiler code*.

S.A.A. Int. 351, *Structural steel in building*.

B.S. 436: 1940, *Machine cut gears*.

**966. 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. Demonstration 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 and Axelrod, *Machine tool operation*, Part I (McGraw-Hill). *How to run a lathe* (South Bend Works).

Ekey and Winter, *An introduction to foundry technology* (McGraw-Hill).

Department of Labour and National Service, *Lathe work* (McCarron Bird).

**967. Workshop Practice II.**

Pre-requisite subject: Workshop Practice I (966). 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 weld-

ing; 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.

Reference books:

Ford, *Shop theory*.

Burghardt and Axelrod, *Machine tool operation*, Part II (McGraw-Hill).

American Society of Engineers, *Tool engineer's handbook* (McGraw-Hill).

Jefferson, *The welding encyclopedia* (McGraw-Hill).

Baty, *British standards for workshop practice* (British Standards Institution).

Hume, *Engineering metrology* (Macdonald and Co.).

Wright Baker, *Modern workshop technology* (Cleaver Hume).

Steeds, *Involute gears* (Longmans).

Black, *Theory of metal cutting* (McGraw-Hill).

### 970. Analytical Chemistry.

Pre-requisite subject: Chemistry IIA (234).

Lectures: One hour a week throughout the year dealing with the 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-book:

Ewing, G. W., *Instrumental methods of chemical analysis*, 2nd edition (McGraw-Hill, 1960).

Reference books:

Vogel, A. I., *A textbook of quantitative inorganic chemistry*, 2nd edition (Longmans, 1951).

Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

Kunin, R., *Ion exchange resins* (Wiley, 1958).

Stroebel, H. A., *Instrumental analysis* (Addison-Wesley, 1960).

Morrison, G., and Friese, H., *Solvent extraction in analytical chemistry* (Wiley, 1957).

Friedlander, G., and Kennedy, J., *Nuclear and radio chemistry* (Wiley, 1955).

### 971. Extractive Metallurgy I.

Pre-requisite subjects: Process Technology 1 (975) and Applied Physical Chemistry (988).

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:

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).

Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).

## Reference books:

- Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).  
 van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).  
 Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).  
 Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).  
 Kubachewski, O., and Evans, E. L., *Metallurgical thermochemistry*, 3rd edition (Pergamon, 1958).

**972. Extractive Metallurgy IA.**

Pre-requisite subject: As for Extractive Metallurgy I (971).

Lectures and Practical work: A limited treatment of Extractive Metallurgy I (971) amounting to one hour's lecture and three hours' practical work a week throughout the year.

Text and reference books:

As for Extractive Metallurgy I (971).

**973. Industrial Instrumentation.**

Pre-requisite subjects: Chemistry I (231) or IA (232) and General Physics (221).

Lectures: One hour a week throughout the year providing an introduction to industrial instrumentation. The subject matter of the lectures deals with the means used for making measurements of industrial interest and discusses the characteristics of the systems and circuits used. An introduction to the field of automatic process control is given.

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., *Industrial instrumentation* (Wiley, 1951).

Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).

Reference book:

Young, A. J., *An introduction to process control system design* (Longmans, 1955).

**974. Industrial Instrumentation A.**

This course will cover Industrial Instrumentation (973), with the additions of:

- (1) Theory of automatic control systems.
- (2) Applications to position control (servo-mechanisms).
- (3) Transducers.
- (4) Power amplifiers.
- (5) Electro-mechanical analogues.

Laboratory work—based on lectures (4 hours).

**975. Process Technology I.**

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

Lectures and demonstrations: Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts: approximately 30 lectures are devoted to unit operations (including mineral dressing), 18 lectures to unit processes (chemical—inorganic and organic) 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).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

## Reference books:

- 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* (Pergamon Press, 1954).  
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. I (McGraw-Hill, 1945).  
 Riegel, E. R., *Chemical machinery* 1944 (Reinhold).

## 976. Process Technology II.

Pre-requisite subjects: Applied Physical Chemistry (988), Organic Chemistry IIA (863) and Process Technology I (975), and Mathematics I (Engineering) (213).

*Lectures:* Two hours a week throughout the year dealing with mass and energy balances, phase and reaction equilibria, and reaction kinetics as applied to 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.

## Text-books:

- Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).  
 Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

## Reference books:

- Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1950).  
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. 1, 2nd edition (Wiley).  
 Denbigh, K., *Principles of chemical equilibrium*. (C.U.P., 1955).  
 Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

## 977. Physical Metallurgy I.

Pre-requisite subjects: Engineering Materials (986) and Chemistry IIA (234).

*Lectures:* A course of approximately 30 lectures covering: hardenability of steels; mechanism of decomposition of austenite and the functions of alloying elements in steels; ternary equilibrium systems; advanced treatment of corrosion and protection, surface treatment of metals and alloys; precipitation hardening; mechanism of graphite formation in cast irons; theory of dislocations; fundamentals of crystallography; X-ray diffraction methods and the determination of crystal structure.

*Practical work:* Three hours a week throughout the year dealing with advanced metallography and photography; X-ray diffraction techniques.

## Text-books:

- Boas, W., *An introduction to the physics of metals and alloys* (M.U.P., 1947).  
 Hollomon, J. H., and Jaffe, L. D., *Ferrous metallurgical design* (Wiley, 1947).

## Reference books:

- Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).  
 Masing, G., and Rogers, B. A., *Ternary systems* (Reinhold).  
 Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).  
 Hume-Rothery and Raynor, *Electron theory of metals and alloys* (Institute of Metals).

**978. Physical Metallurgy Project.**

Pre-requisite or concurrent subject: Physical Metallurgy II (980).

Six hours a week for three terms devoted to literature reviews, a short-term research project, the writing of metallurgical reports and preparation of metal specifications.

**980. Physical Metallurgy II.**

Pre-requisite or concurrent subjects: Applied Physical Chemistry (988), Physics B (Engineering) (940), Physical Metallurgy I (977), and Electrical Engineering IIA (T) (922).

Lectures: A course of approximately 30 lectures dealing with: significance of mechanical test results, non-destructive test methods, theory and use of strain gauges; preparation of metal specifications; industrial instrumentation and control; high vacuum technique; induction heating; high temperature techniques; electron theory of metals and alloys; application of X-ray diffraction methods to metallurgical problems; deformation and fracture; dislocation theory.

Practical work: Three hours a week throughout the year devoted to experiments designed to illustrate the subject matter of the lectures.

Text-book:

Cottrell, A. H., *Theoretical structural metallurgy* (Arnold, 1956).

Reference books:

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).

Hume-Rothery, W., and Raynor, G. V., *Structure of metals and alloys* (Institute of Metals).

A.S.M.E. Handbook, *Metals engineering design* (McGraw-Hill, 1953).

Campbell, I. E., *High temperature technology* (Wiley, 1956).

Hanstock, R. F., *Non-destructive testing* (Institute of Metals).

May, E., *Industrial high frequency electric power* (Wiley).

**981. Metal Fabrication.**

Pre-requisite subject: Engineering Materials (986).

Lectures: One hour a week throughout the year dealing with the mechanical working and joining of commercial metals and alloys.

Practical work: Three hours a week for one term (demonstrations and plant visits).

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Baker, H. Wright, *Modern workshop technology* (Cleaver-Hume).

Reference books:

*Metals handbook*, 1948 edition and 1961 edition (American Society for Metals).

Sachs, G., *Fundamentals of the workings of metals* (Pergamon).

Dieter, G. E., *Mechanical metallurgy* (McGraw-Hill, 1961).

**982. Foundry Practice.**

Pre-requisite subject: Engineering Materials (986).

Lectures: One hour a week throughout the year dealing with the melting and casting of cast iron, steel and the common non-ferrous alloys; moulding methods; properties and testing of foundry sands; die casting.

Practical work: Three hours a week for two terms of experiments designed to illustrate the subject matter of the lectures.

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Heine, R. W., and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill, 1956).

Reference book:

*Metals handbook*, 1948 edition and 1961 edition (American Society for Metals).

**983. Industrial Economics.**

Pre-requisite subject: Process Technology I (976).

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).

Burnham, T. H., *Engineering economics*, Vols. 1 and 2 (Pitman, 1944).

Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).

Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

**984. Chemistry I (Organic) (T).**

Pre-requisite subjects: Intermediate Chemistry or Intermediate General Science I and II.

The course consists of one hour a week of lectures throughout the year and three hours of practical work a week for the first two terms.

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).

**985. Assaying.**

Pre-requisite subjects: Chemistry IA (232) and Geology IA (991).

The course consists of three hours a week throughout the year of theoretical and practical instruction in the quantitative analysis, including fire assaying of typical ores, metals and alloys.

Text-book:

Bugbee, E. E., *Text-book of fire assaying* (Wiley).

**986. Engineering Materials.**

Pre-requisite subjects: General Physics (221) and Chemistry IA (232) or Leaving Honours Physics and Chemistry.

The course consists of two lectures and two hours demonstration 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 and chemical properties of ceramic materials, cement, glass, plastics, elastomers, fuels, lubricants, protective coatings, semiconductor materials, water treatment, wood, adhesives.

The 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, *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, *Chemistry of engineering materials* (McGraw-Hill).

Norton, *Refractories* (McGraw-Hill).

*Metals handbook*, 1948 edition and 1961 edition (American Society of Metals).

## 987. Mineral Dressing.

Pre-requisite subjects: Geology IA (991), Applied Physical Chemistry (988), and either Process Engineering I (481) or Process Technology I (975).

**LECTURES:** Two hours a week for three terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity and electrical concentration, flotation; dewatering; storage, transport and other auxiliary operations; mill design and control.

**PRACTICAL WORK:** Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of mineral dressing.

**SEMINAR:** About two hours a week for one term of flowsheet studies. Characteristic flowsheet patterns for common ore types are considered and line flowsheets developed for the treatment of specific ores. The work is concerned mainly with correct technological sequence, but the preliminary phases of machine selection and size estimation are considered.

## Text-book:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

## Reference books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

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).

Michell, F. B., *The practice of mineral dressing* (Electrical Press, 1950).

Rabone, P., *Flotation plant practice* (Mining Publications Ltd., 1957).

## 988. Applied Physical Chemistry.

Pre-requisite subjects: Chemistry IIA (234) and Mathematics I (Engineering) (213).

**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:

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

## Reference books:

Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I-III (Wiley).

Glasstone, S., *Textbook of physical chemistry*, 2nd edition (Macmillan, 1947).

Garner, W. E., *Chemistry of the solid state* (Butterworth).

Cottrell, A., *Theoretical structural metallurgy* (Arnold).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

Laidler, K. J., *Chemical kinetics* (McGraw-Hill).

## 499. Honours Courses in Applied Science.

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.

**TIME-TABLES FOR 1963.**  
**FACULTY OF ARTS**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
0	Elementary Greek .. .. .	≠	≠	≠	≠	≠
1	Greek I .. .. .	—	9	—	9	—
3	Greek II .. .. .	11*	10	—	10, 11*	—
6	Greek III .. .. .	—	10	—	10	—
11	Latin I .. .. . Day	11†	11	11†	—	11
	.. .. . Night	5.15-6.15	—	—	5.15-7.15	—
13	Latin II .. .. .	11**	12	—	11**, 12	—
16	Latin III .. .. .	11***, 12**	12	12**	11***, 12	—
2	Ancient History .. .. .	11	—	—	11	—
7	Comparative Philology .. .. .	5.15	—	—	5.15	—
21	English I .. .. . Day	—	12	—	—	12
	.. .. . Night	—	5.15	—	—	5.15
23	English II .. .. . Odd Years	—	5.15	—	—	5.15
	.. .. . Even Years	—	11	—	—	11
26	English III .. .. . Odd Years	—	11	11	—	11
	.. .. . Even Years	—	5.15	5.15	—	5.15
25, 28	Old and Middle English I and II ..	≠	≠	≠	≠	≠
31	French I .. .. . Day	—	10	10	—	10
	.. .. . Night	—	6.15	6.15	—	6.15
33	French II .. .. .	10	—	—	10	—
36	French III .. .. .	—	9	—	—	9
35, 38	Old and Middle French I and II ..	≠	≠	≠	≠	≠
42	German IA .. .. .	2	9	9	9	9
41	German I .. .. . Day	12, 2	—	10	9	—
	.. .. . Evening	6.15-8.15	—	6.15	—	—
43	German II .. .. .	—	10	11, 12	11	—
46	German III .. .. .	9	—	9	9	—
45	German IIB .. .. .	12	—	—	—	10
48	German IIIB .. .. .	4.15	—	—	4.15	4.15
40	Science German .. .. .	—	12	—	2	—
50	History IA .. .. .	12†, 4.15†	—	—	12†, 4.15†	—
51	History IB .. .. .	9	—	9	—	—
52	History IC .. .. .	3	—	—	3	—
53	History IIA .. .. .	—	—	12	—	12, 3.15*
54	History IIB .. .. .	6.15	—	—	6.15	—
56	History IIIA .. .. .	5.15	—	—	5.15	—
57	History IIIB .. .. .	4.15	—	—	4.15	—
61	Politics I .. .. . Odd Years	—	9	—	—	9
	.. .. . Even Years	—	6.15	—	—	6.15
63	Politics IIA .. .. . Odd Years	6.15	—	—	6.15	—
	.. .. . Even Years	9	—	—	9	—
64	Politics IIB .. .. . Odd Years	9	—	—	9	—
	.. .. . Even Years	6.15	—	—	6.15	—
66	Politics IIIA .. .. . Odd Years	10	—	—	10	—
	.. .. . Even Years	5.15	—	—	5.15	—
67	Politics IIIB .. .. . Odd Years	—	5.15	—	—	5.15
	.. .. . Even Years	—	10	—	—	10
71	Philosophy I .. .. . Day	11	—	—	11	—
	.. .. . Night	—	5.15	—	—	5.15
73	Philosophy II .. .. .	≠	≠	≠	≠	≠
76	Philosophy IIIA .. .. .	≠	≠	≠	≠	≠
77	Philosophy IIIB .. .. .	≠	≠	≠	≠	≠
82	Psychology IA .. .. .	10†, 5.15†	—	—	10, † 5.15†	—
81	Psychology I .. .. .	10†, 5.15†	—	—	10†, 5.15†	—
	Laboratory .. .. .	≠	≠	≠	≠	≠

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.  
‡ 5.15 first term, 11 or 5.15 second and third terms.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
83	Psychology IIA—Lectures Odd Years	4.15	—	5.15	—	—
	Even Years	11	2	—	—	—
	Psychometrics . . . . .	—	—	—	—	4.15
84	Laboratory—Odd Years . . . . .	—	—	—	4.15-7.45¶	—
	Even Years . . . . .	—	—	—	9-12	—
	Psychology IIB—Lectures Odd Years	11	2	—	—	—
86	Even Years	4.15	—	5.15	—	—
	Psychometrics . . . . .	—	—	—	—	4.15
	Laboratory—Odd Years . . . . .	—	—	—	9-12	—
87	Even Years . . . . .	—	—	—	4.15-7.45¶	—
	Psychology IIIA—Lectures Odd Years	—	3.15	2	—	—
	Even Years	5.15	—	4.15	—	—
88	Psychometrics . . . . .	—	—	—	—	4.15
	Laboratory—Odd Years . . . . .	—	—	10-12	2.15-4.15	—
	Even Years . . . . .	—	4.15-6.15	—	4.15-6.15	—
89	Psychology IIIB—Lectures Odd Years	5.15	—	4.15	—	—
	Even Years	—	3.15	2	—	—
	Psychometrics . . . . .	—	—	—	—	4.15
90	Laboratory—Odd Years . . . . .	—	4.15-6.15	—	4.15-6.15	—
	Even Years . . . . .	—	—	10-12	2.15-4.15	—
	Geography I—Lectures . . . . . Day	11	—	—	11	—
91	Night	5.15	—	5.15	—	—
	Practical (one hour)	≠	≠	≠	≠	≠
	Geography II—Lectures Odd Years	10	—	10	—	10
92	Even Years	—	4.15	—	4.15	4.15
	Practical (two hours)	—	—	—	—	—
	Geography III—Lectures . . . . .	4.15	—	4.15	—	Sat. 9-11*
93	Practical (two hours)	—	4.15-6.15*	—	—	4.15
	Economic Geography Odd Years	—	7.15	—	—	7.15
	Even Years	—	9	—	9	—
94	Education . . . . . Day	—	2	—	—	—
	Night	—	5	—	—	—
	Educational Psychology IA . . . . .	≠	≠	≠	≠	≠
95	Hygiene . . . . .	9†	—	—	—	6.15†
	Principles of Pre-Primary Education I, II, and III . . . . .	≠	≠	≠	≠	≠
	Principles of Primary Education I, II, and III . . . . .	≠	≠	≠	≠	≠
96	Principles of Secondary Education I, II, and III . . . . .	≠	≠	≠	≠	≠
	Educational Psychology I . . . . .	≠	≠	≠	≠	≠
	Educational Psychology II . . . . .	—	—	4.30	—	—
97	Theory of Education I . . . . .	—	—	—	—	Sat. 9.30
	History of Education I . . . . .	—	—	—	—	5.15
	Sociology of Education I . . . . .	—	—	—	—	Sat. 10.45
98	Educational Psychology I (New) . . . . .	≠	≠	≠	≠	≠
	Theory of Education II . . . . .	≠	≠	≠	≠	≠
	History of Education II . . . . .	4.45	—	—	—	—
99	Sociology of Education II . . . . .	—	≠	≠	≠	≠
	Educational Psychology II (New) . . . . .	—	—	—	—	4.45
	Comparative Education . . . . .	4.45	—	—	—	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

† Alternatives.

≠ Times to be arranged.

\* Other hours to be arranged.

¶ Includes ½ hour meal break.

## FACULTY OF ECONOMICS

## ODD YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
170	Social Economics .. .. .	—	—	12	—	12
171	Economics I .. .. .	—	—	12	—	12
173	Economics II .. .. .	—	—	5.15	—	5.15
176	Economics III—					
	Part A .. .. .	—	—	10	—	10
	Part B (Public Finance) .. .. .	—	—	—	9	—
	Part C (Economics of Labour) .. .. .	—	10	—	—	—
	Part D (Agricultural Economics)	10	—	—	—	—
184	Economic Development I .. .. .	—	10	—	10	—
187	Economic Development II .. .. .	5.15	—	5.15	—	—
180	Agricultural Economics .. .. .	—	—	4	9	—
178	Economic Theory .. .. .	—	2.15	—	2.15	—
179	Honours Economics .. .. .	≠	≠	≠	≠	≠
181	Mathematics (Economics) .. .. .	—	—	5.15	—	5.15
183	Economic Statistics I .. .. .	5.15	—	—	5.15	—
186	Economic Statistics II .. .. .	≠	≠	≠	≠	≠
404	Economics (Engineering) .. .. .	—	—	11	11	—
174	Public Finance .. .. .	—	—	—	9	—
191	Elements of Accounting .. .. .	—	5.15	—	5.15	—
193	Management Accounting .. .. .	—	12	—	12	—
194	Financial Accounting .. .. .	—	5.15	—	5.15	—
405	Management Accounting (Engineering)	—	10	—	10	—
192	Commercial Law A .. .. .	8.45 a.m.	—	8.45 a.m.	—	—
195	Commercial Law B .. .. .	—	—	5.15	—	5.15
92	Economic Geography .. .. .	—	7.15	—	—	7.15
201, 202	General Mathematics and Mathematics I .. .. .	10 (A) 2 (B)	—	10 (A) 2 (B)	—	10 (A) 2 (B)
	Tutorials (2 hours) .. .. .	11-1 3-5	—	11-1 3-5	—	11-1 3-5
201	General Mathematics (Evening Class)					
	Lecture .. .. .	5.15	—	5.15	—	5.15
	Tutorial (2 hours) .. .. .	—	—	6.15	—	—

## EVEN YEARS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
170	Social Economics .. .. .	5.15	—	—	5.15	—
171	Economics I .. .. .	5.15	—	—	5.15	—
173	Economics II .. .. .	—	—	10	—	10
176	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)	≠	≠	≠	≠	≠
184	Economic Development I .. .. .	—	—	6.15	6.15	—
187	Economic Development II .. .. .	—	11	—	9	11
180	Agricultural Economics .. .. .	—	—	4	9	—
178	Economic Theory .. .. .	—	2.15	—	2.15	—
179	Honours Economics .. .. .	≠	≠	≠	≠	≠
181	Mathematics (Economics) .. .. .	—	9	—	9	—
183	Economic Statistics I .. .. .	—	—	12	—	12
186	Economic Statistics II .. .. .	≠	≠	≠	≠	≠
404	Economics (Engineering) .. .. .	—	—	11	11	—
174	Public Finance .. .. .	—	5.15	—	—	—
191	Elements of Accounting .. .. .	—	12	—	12	—
193	Management Accounting .. .. .	—	5.15	—	5.15	—
194	Financial Accounting .. .. .	12	—	—	12	—
405	Management Accounting (Engineering)	—	10	—	10	—
192	Commercial Law A .. .. .	—	—	5.15	—	5.15
195	Commercial Law B .. .. .	—	5.15	—	5.15	—
92	Economic Geography .. .. .	—	9	—	9	—
201, 202	General Mathematics and Mathematics I .. .. .	10 (A) 2 (B)	—	10 (A) 2 (B)	—	10 (A) 2 (B)
	Tutorials (2 hours) .. .. .	11-1 3-5	—	11-1 3-5	—	11-1 3-5
201	General Mathematics (Evening Class)					
	Lecture .. .. .	5.15	—	5.15	—	5.15
	Tutorial (2 hours) .. .. .	—	—	6.15	—	—

Times for tutorial classes will be arranged at commencement of lectures.

≠ Times to be arranged.  
(A) and (B) are alternatives.

**NIGHT LECTURES IN 1963**  
**FACULTIES OF ARTS, SCIENCE AND ECONOMICS**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
11	Latin I .. .. .	5.15-6.15	—	—	5.15-7.15	—
7	Comparative Philology .. .. .	5.15	—	—	5.15	—
21	English I .. .. .	—	5.15	—	—	5.15
23	English II .. .. .	—	5.15	—	—	5.15
31	French I .. .. .	—	6.15	6.15	—	6.15
41	German I .. .. .	6.15-8.15	—	6.15	—	—
48	German IIIB .. .. .	4.15	—	—	4.15	4.15
50	History IA .. .. .	4.15	—	—	4.15	—
54	History IIIB .. .. .	6.15	—	—	6.15	—
56	History IIIA .. .. .	5.15	—	—	5.15	—
57	History IIIB .. .. .	4.15	—	—	4.15	—
63	Politics IIA .. .. .	6.15	—	—	6.15	—
67	Politics IIIB .. .. .	—	5.15	—	—	5.15
71	Philosophy I .. .. .	—	5.15	—	—	5.15
82	Psychology IA .. .. .	5.15	—	—	5.15	—
81	Psychology I .. .. .	5.15	—	—	5.15	—
	Laboratory .. .. .	≠	≠	≠	≠	≠
83	Psychology IIA—Lectures .. .. .	4.15	—	5.15	—	4.15
	Psychometrics .. .. .	—	—	—	—	—
	Laboratory .. .. .	—	—	—	4.15-7.45†	—
87	Psychology IIIB—Lectures .. .. .	5.15	—	4.15	—	4.15
	Psychometrics .. .. .	—	—	—	—	—
	Laboratory .. .. .	—	4.15-6.15	—	4.15-6.15	—
91	Geography I—Lectures .. .. .	5.15	—	5.15	—	—
	Practical (one hour) .. .. .	≠	≠	≠	≠	≠
92	Economic Geography .. .. .	—	7.15	—	—	7.15
96	Geography III—Lectures .. .. .	4.15	—	4.15	—	4.15
	Practical .. .. .	—	4.15-6.15††	—	—	—
101	Education .. .. .	—	5	—	—	—
105	Hygiene .. .. .	—	—	—	—	6.15
117	Educational Psychology II .. .. .	—	—	4.30	—	—
122	History of Education I .. .. .	—	—	—	—	5.15
132	History of Education II .. .. .	4.45	—	—	—	—
134	Educational Psychology II (New) .. .. .	—	—	—	—	4.45
135	Comparative Education .. .. .	4.45	—	—	—	—
173	Economics II .. .. .	—	—	5.15	—	5.15
181	Mathematics Economics .. .. .	—	—	5.15	—	5.15
184	Economic Development II .. .. .	5.15	—	5.15	—	—
191	Elements of Accounting .. .. .	—	5.15	—	5.15	—
194	Financial Accounting .. .. .	—	5.15	—	5.15	—
195	Commercial Law B .. .. .	—	—	5.15	—	5.15
201	General Mathematics—Lectures .. .. .	5.15	—	5.15	—	5.15
	Tutorials (2 hours) .. .. .	—	—	6.15	—	—
221	General Physics and .. .. .	—	—	—	—	—
222	Physics I—Lectures .. .. .	5.15	—	5.15	—	5.15
	Practical .. .. .	—	—	6.15-9.15	—	—
231	Chemistry I—Lectures .. .. .	5.15	—	5.15	—	5.15
	*Practical (at I.T.) .. .. .	—	—	7.15-10	—	7.15-10
251	Geology I—Lectures .. .. .	—	5.15	—	5.15	—
	Practical .. .. .	—	6.15-8.15†	—	6.15-8.15†	—
	Tutorial .. .. .	—	6.15-8.15†	—	6.15-8.15†	—
270	Biology—Lectures .. .. .	—	6.15	—	6.15	—
	Practical .. .. .	—	7.30-10	—	7.30-10	—

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 and especially about the work in Organic Chemistry.

††Other hours to be arranged.

‡Includes 30 minute meal break.

†Alternatives.

≠Times to be arranged.

## FACULTY OF SCIENCE

N.B. The Heads of Departments concerned will allocate students to appropriate classes for which more than one session is provided.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>FIRST-YEAR SUBJECTS</b>						
201	General Mathematics					
202	Mathematics I—Lectures .. ..	10(A)	—	10(A)	—	10(A)
		2(B)	—	2(B)	—	2(B)
	Tutorial (2 hours) .. ..	11-1	—	11-1	—	11-1
		3-5	—	3-5	—	3-5
201	General Mathematics (Evening Class)					
	Lectures .. ..	5.15	—	5.15	—	5.15
	Tutorial (2 hours) .. ..	—	—	6.15	—	—
221	General Physics and					
222	Physics I—Lectures .. ..	9(A)	—	9(A)	—	9(A)
		5.15(B)	—	5.15(B)	—	5.15(B)
	Tutorial (1 hour) .. ..	—	—	11, 3	—	—
	Practical (3 hours) .. ..	10-1	10-1	—	2-5	10-1
			2-5			
231	Chemistry I—Lectures .. ..	9(A)	—	9(A)	—	9(A)
		5.15(B)	—	5.15(B)	—	5.15(B)
	Practical .. ..	10-1(A)	10-1(B)	—	10-1(B)	10-1(A)
		2-5(D)	2-5(C)	—	2-5(C)	2-5(D)
251	Geology I—Lectures .. ..	—	9(A)	—	9(A)	—
		—	5.15(B)	—	5.15(B)	—
	*Tutorial (1 hour) .. ..	—	—	12, 2, 3, 4	10	—
	Practical (3 hours) .. ..	—	10-1, 2-5	—	10-1	10-1
		—	9	—	9	—
261	Botany I—Lectures .. ..	—	10-1	—	10-1	—
	Practical .. ..	—	—	—	—	—
	*Tutorial (1 hr. a fortnight)	10 (A)	—	10 (B)	—	10 (C)
270	Biology—Lectures .. ..	—	9(A)	—	9(A)	—
		—	6.15(B)	—	6.15(B)	—
	Practical .. ..	10-1(A)	—	—	—	10-1(A)
		2-5(B)	7.30-10(C)	—	7.30-10(C)	2-5(B)
271	Zoology I—Lectures .. ..	—	5.15	—	5.15	—
	Practical .. ..	—	2-5	—	2-5	—
<b>SECOND-YEAR SUBJECTS</b>						
203	Mathematics II—Lectures .. ..	9	—	9	—	9
	Tutorial .. ..	—	9(A)	—	9(B)	—
204	Pure Mathematics II—Lectures .. ..	9	—	9	—	9
	Tutorial .. ..	—	9(A)	—	9(B)	—
205	Applied Mathematics II—Lectures .. ..	11	—	11	—	11
	Tutorial .. ..	—	10(A)	—	10(B)	—
214	Mathematical Statistics I—Lectures .. ..	12	—	12	—	12
	Tutorial (1 hour) .. ..	≠	≠	≠	≠	≠
223	Physics II—Lectures .. ..	10	—	10	—	10
	Practical .. ..	2-5(A)	10-1(B)	—	10-1(B)	2-5(A)
233	Physical and Inorganic Chemistry II					
	Lectures .. ..	12	—	12	—	12
	Practical .. ..	2-5(C)	10-5(A)	—	10-5(B)	2-5(C)
	Tutorial .. ..	—	—	4	—	—
244	Chemistry II—Lectures .. ..	12	—	12	—	12
	Practical .. ..	—	—	9-12, 2-5	—	—
243	Organic Chemistry II—Lectures .. ..	10	—	10	—	10
	Practical .. ..	—	10-5(A)	—	10-5(B)	—
253	Geology II—Lectures .. ..	9	—	9	—	9
	Practical .. ..	2-4	—	2-4	—	2-4
263	Botany II—Lectures .. ..	9	—	—	—	9, 10**
	Practical .. ..	2-4(A)**	2-5	9-11(B)**	2-5	—
273	Zoology II—Lectures .. ..	—	12	—	12	10**
	Practical .. ..	2-4(A)**	9-12	9-11 (B)**	9-12	—
284	Cell Physiology—Lectures .. ..	11	—	—	—	11
	Practical .. ..	2-5	—	—	—	2-5
333	Physiology I—Lectures .. ..	12	—	12	—	—
	Practical .. ..	—	—	2-5	2-5	—
293	Genetics I—Part A Lectures .. ..	10	—	—	—	—
	Practical .. ..	—	—	2-4(A)	—	2-4(B)
	Part B Lectures .. ..	—	—	—	—	10
	Practical .. ..	2-4(A)	—	9-11(B)	—	—
313	Psychology I (S)					
	Lectures .. ..	4.15	—	5.15	—	—
	Tutorial (1 hour) .. ..	≠	≠	≠	≠	≠
	Laboratory (5 hours) .. ..	≠	≠	≠	≠	≠

(A), (B), (C) and (D) are alternatives.

\*Other tutorial times will be arranged as required.

\*\*First term only of Quantitative Biology, Part B of Genetics I.

†3rd term only.

‡1st and 2nd terms only.

≠ Times to be arranged

¶One additional lecture will be held each week at a time to be arranged.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>THIRD-YEAR SUBJECTS</b>						
40	Science German					
	Beginners .. .. .	—	12	—	2.15	—
	Advanced .. .. .	≠	≠	—	≠	≠
206	Pure Mathematics III—Lectures	9, 10	—	9, 10	—	—
	Tutorial .. .. .	—	—	—	—	10
207	Applied Mathematics III—Lectures	—	9, 10	—	9, 10	—
	Tutorial .. .. .	—	—	—	—	9
216	Mathematical Statistics II—					
	Lectures .. .. .	—	11	11	11	11
	Tutorial (1 hour) .. .. .	≠	≠	≠	≠	≠
228	Physics III—Lectures	4	12	—	12	4
	Practical (9 hours) .. .. .	all day	—	all day	all day	—
217	Mathematical Physics A—Lectures	9, 10	—	9, 10	—	—
	Tutorial .. .. .	—	—	—	—	9
218	Mathematical Physics B—Lectures	4	12	—	12	4
	Practical .. .. .	—	—	—	all day	—
237	Physical and Inorganic Chemistry III—					
	Lectures .. .. .	—	9	—	9	12
	Practical (12 hours) .. .. .	all day(A)	all day(A)	—	all day(B)	all day(B)
246	Organic Chemistry III					
	Lectures .. .. .	9	—	9	—	9
	Practical (12 hours) .. .. .	all day(A)	all day(A)	—	all day(B)	all day(B)
256	Geology III—Lectures*	9	10	9	10	9
	Practical (12 hours) .. .. .	≠	≠	≠	≠	≠
257	Palaeontology—Lectures	≠	≠	≠	≠	≠
	Practical .. .. .	≠	≠	≠	≠	≠
266	† Botany III—Lectures	9	—	9	—	9
	Practical (12 hours) .. .. .	—	all day†	—	all day	—
276	Zoology III—Lectures	10	2**	10	—	10
	Practical .. .. .	2-5	3-5**	—	—	all day
286	Biochemistry—Lectures	12	—	12	—	12
	Practical (8 hours) .. .. .	all day	—	all day	—	—
336	Physiology II—Lectures	9	—	9	—	9
	Practical .. .. .	2-5(A)	2-5(B)	—	2-5(A)	2-5(B)
306	Microbiology—Lectures	—	9	11	—	—
	Tutorial .. .. .	—	—	—	9	—
	Practical (10 hours) .. .. .	—	9-1, 2-5	—	9-1, 2-5	—
296	Genetics II—Lectures	11	—	—	12	11
	Practical .. .. .	≠	≠	≠	≠	≠
316	Psychology II (S) .. .. .	≠	≠	≠	≠	≠

(A) and (B) are alternatives. ≠times to be arranged. \*\*Genetics and Evolution—First term only.  
 \*One of these periods will be a tutorial class. †Includes practical session in Genetics and Evolution 3-5 p.m. in first term only.  
 ‡First term lecture times to be arranged. [Includes Mycology (given at Waite Institute) and the course in Genetics and Evolution.]

## FACULTY OF ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>FIRST-YEAR COURSES</b>						
201	General Mathematics— Lectures .. .. . Tutorial (2 hrs.) .. .. .	10 11-1 3-5 9	— — — —	10 — — 9	— — — 2-5	10 11-1 3-5 9
221	General Physics—Lectures .. .. . Practical (3 hrs.) .. .. . Tutorial .. .. .	— — —	2-5 — 9	11 — —	2-5 — 9	— — —
232	Chemistry IA—Lectures .. .. . Practical .. .. .	— —	9 —	2-5 —	— —	— —
471	Graphics—Lectures .. .. . Practical (3 hrs.) .. .. .	— —	11 2-5	— —	— 2-5	— 2-5
420	General Engineering—Lectures .. .. .	—	12	—	—	—
966	Workshop Practice—Lectures .. .. . Practical (3 hrs.) .. .. .	1.30-4.30	1.30-4.30	—	1.30-4.30	1.30-4.30
<b>SECOND YEAR COURSES</b>						
406	Mechanics—Lectures .. .. . Tutorial (1 hr.) .. .. .	— —	9 —	— —	9 11	— 9
213	Mathematics I (Engineering)— Lectures .. .. . Tutorial (2 hr.) .. .. .	12 —	— —	12 —	— 11-1	12 9-11
411	Physics A (Engineering)— Lectures .. .. . Practical (3 hrs.) .. .. .	11 —	— 2-5	11 —	— 2-5	11 —
940	Physics B (Engineering)—Lectures .. .. . Practical .. .. .	11 —	— —	11 —	9 2-5	— —
234	Chemistry IIA—Lectures .. .. . Practical .. .. .	— 2-5	10 —	9 —	10 —	2-5 —
471	Graphics—Lectures .. .. . Practical (3 hrs.) .. .. .	— —	11 2-5	— —	— 2-5	— 2-5
420	General Engineering—Lectures .. .. .	—	12	—	—	—
966	Workshop Practice—Lectures .. .. . Practical .. .. .	1.30-4.30	1.30-4.30	—	1.30-4.30	1.30-4.30
986	Engineering Materials—Lectures .. .. . Practical .. .. .	9 —	— —	10 2-4	— —	— —
<b>THIRD YEAR COURSES</b>						
406	Mechanics—Lectures .. .. . Tutorial .. .. .	— —	9 —	— —	9 11	— —
407	Mathematics II (Engineering)— Lectures .. .. . Tutorial (1 hr.) .. .. .	12 —	— 12	12 —	— 12	12 —
251	Geology I (B.Sc.)—Lectures .. .. . Practical (3 hrs.) .. .. . Tutorial (1 hr.) .. .. .	10-1 —	2-5 —	— 10, 2, 4	— —	— —
414	Geology I (Engineering)— Lectures .. .. . Practical .. .. . Tutorial .. .. .	— — —	9 — 10	— 10-12 9	9 — 10	— — —
432	Strength of Materials—Lectures .. .. . Practical (3 hrs.) .. .. .	— —	10 —	— 2-5	10 2-5	— 9
433	Surveying A—Lectures .. .. . Practical .. .. .	2-5 —	— 12*	— —	— —	— —
434	Surveying B—Lectures .. .. . Practical .. .. .	— —	2-5** —	— —	— —	— —
441	Electrical Engineering I—Lectures .. .. . Practical .. .. . Tutorial .. .. .	11 — —	9 2-5 11	— 9-12 —	— 11 —	— — —
440	Electrical Engineering S— Lectures .. .. . Practical (3 hrs.) .. .. .	— — —	11 — —	— — —	11 2-5 —	— Saturday 9-12
481	Process Engineering I—Lectures .. .. .	9	—	—	12**	9
988	Applied Physical Chemistry—Lectures .. .. . Practical .. .. .	10 —	— —	9 2-5	— —	— —

\* First Term only

\*\* Second Term only

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
472	Engineering Drawing and Design— Lectures .. .. .	—	—	—	—	10
	Practical (3 hrs.) .. .. .	9-12	—	—	—	2-5
475	Production Technology—Lectures .. .. .	—	—	9	—	—
	Practical .. .. .	—	—	2-5	—	—
<b>FOURTH YEAR COURSES</b>						
404	Economics (Engineering)— Lectures .. .. .	—	—	11	11	—
	Tutorial (1 hr.) .. .. .	≠	≠	≠	≠	≠
408	Mathematics III (Engineering)— Lectures .. .. .	—	—	9	—	9
	Tutorial .. .. .	—	—	—	—	12
861	Geology IA—Lectures .. .. .	—	9	—	9	—
	Practical .. .. .	—	—	10-12	—	—
	Tutorial .. .. .	—	—	9	—	—
415	Geology IIA†—Lectures .. .. .	9	—	9	—	9
	Practical .. .. .	—	—	—	9-1	—
416	Mining Geology***—Lectures .. .. .	—	—	9	—	9
	Practical .. .. .	—	—	—	9-1	—
421	Civil Engineering I—Lectures .. .. .	—	9	10	10	—
	Practical .. .. .	2-5	—	—	2-5	—
422	Civil Engineering S—Lectures .. .. .	—	11	—	—	11
	Practical .. .. .	—	—	2-5	—	—
426	Hydraulics A—Lectures .. .. .	—	11	—	—	11
	Practical .. .. .	—	—	—	—	2-5
427	Hydraulics B—Lectures .. .. .	—	—	—	—	12
	Practical .. .. .	—	—	—	2-5**	—
428	Hydraulics S—Lectures .. .. .	—	10	—	—	—
	Practical .. .. .	—	—	—	2-5**	—
430	Instrumentation—Lectures .. .. .	—	—	12	—	—
	Practical .. .. .	—	—	2-5	—	—
442	Electrical Engineering II—Lectures .. .. .	—	9, 12	10	9	—
	Practical .. .. .	9-1, 2-5	—	—	—	—
	Tutorial .. .. .	—	—	12	—	—
440	Electrical Engineering S— Lectures .. .. .	—	11	—	11	—
	Practical .. .. .	—	—	—	2-5	Sat. 9-12
446	Electronics—Lectures .. .. .	—	9	—	—	—
	Practical .. .. .	—	—	—	—	2-5†
461	Mechanical Engineering IA— Lectures .. .. .	—	10	12	9†	—
	Practical .. .. .	10-1	2-5*	—	—	—
462	Mechanical Engineering IB— Lectures .. .. .	9*	12††	10	—	—
	Practical .. .. .	2-5	—	—	—	—
460	Mechanical Engineering S— Part 1 Machine Design—Lectures .. .. .	—	10	—	—	10*
	Practical .. .. .	—	2-5†	—	—	—
	Part 2 Theory of Machines— Lectures .. .. .	—	—	—	—	10††
	Practical .. .. .	—	2-5***	—	—	—
	Part 3 Thermodynamics—Lectures .. .. .	—	—	—	10†	—
	Practical .. .. .	—	2-5**	—	—	2-5††
483	Process Engineering IIA—Lectures .. .. .	12	—	—	12	—
	Practical .. .. .	2-5	—	—	—	—
	Tutorial .. .. .	—	—	—	—	10-12
484	Process Engineering IIB—Lectures .. .. .	9	—	—	10	—
	Practical .. .. .	—	—	—	—	2-5
485	Process Engineering IIC—Lectures .. .. .	10††	—	—	—	—
482	Process Control—Lectures .. .. .	5	—	—	—	—
	Practical .. .. .	—	—	—	2-5	—
450	Mining Engineering I—Lectures .. .. .	11	12	—	—	—
	Practical .. .. .	—	—	10-1	—	—
<b>FIFTH YEAR COURSES</b>						
477	Engineering Management—Lectures .. .. .	—	10	—	10	12
	Tutorial .. .. .	—	—	—	11	—

Timetable for other subjects to be arranged by Heads of Departments.

\* First Term only  
 \*\*Second Term only  
 \*\*\* Third Term only

† First and Second Terms  
 †† Second and Third Terms  
 ≠ Times to be arranged

## FACULTY OF AGRICULTURAL SCIENCE

## FIRST YEAR

Chemistry I	}	See Faculty of Science
General Physics		
Botany		
Zoology		

## SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I—Lecture .. ..	—	—	—	11	—
	Practical .. ..	—	—	—	12	—
283	Chemistry II—Lectures .. ..	12	—	12	—	12
	Practical .. ..	—	—	9-12, 2-5	—	—
367	Botany IIB—Lectures .. ..	9	—	—	—	9
	Practical .. ..	—	2-5	—	2-5	—
251	Geology I—Lectures .. ..	—	9	—	9	—
	Practical .. ..	—	10-1	—	—	—
	Tutorial .. ..	—	—	—	10	—
393	Genetics IA—Lecture .. ..	10	—	—	—	—
	Practical .. ..	—	—	—	—	2-4

## THIRD YEAR

(All subjects are taken at the Waite Institute except on Wednesdays.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
362	Agriculture II .. ..	—	—	—	—	9-1
351	Agricultural Biochemistry I .. ..	—	—	—	9-1	—
354	Soil Science I .. ..	—	9-1	—	—	—
390	Biometry (1st Term) .. ..	9-11	—	—	—	2-4
360	Agricultural Botany (2nd and 3rd Terms) .. ..	9-1	—	—	—	—
380	Agricultural Microbiology (1st term) .. ..	2-5	—	—	2-5	—
374	Entomology I (2nd and 3rd terms) .. ..	—	—	—	2-5	—
381	Plant Pathology I (2nd and 3rd terms) .. ..	2-5	—	—	—	—
365	Animal Husbandry I .. ..	—	—	—	—	—
391	Farm Engineering .. ..	—	—	—	—	—
	Farm Demonstrations .. ..	—	—	—	—	—

Lectures are given at Roseworthy Agricultural College on Wednesday.

## FOURTH YEAR

All subjects, except Genetics II and Animal Husbandry II, are given at the Waite Institute.

The time-table for fourth-year subjects will be drawn up when students' options have been determined. Students are advised to consult the Heads of Departments in which subjects they wish to specialise.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
180	Agricultural Economics .. ..					
363	Agriculture III—Lectures .. ..					
	Practical .. ..					
364	Agronomy .. ..					
394	Horticulture .. ..					
296	Genetics II—Lectures .. ..					
	Practical .. ..					
353	Agricultural Biochemistry II .. ..					
368	Plant Breeding .. ..					
376	Entomology II .. ..					
366	Animal Husbandry II .. ..					
382	Plant Pathology II .. ..					
356	Soil Science II .. ..					

## DIPLOMA IN PHYSIOTHERAPY

## FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy I	Anatomy I (Histology)*		Anatomy I (Histology)*	Anatomy I** Massage and Treatments† (Practical) (Half the class)
10	Psychology			Psychology	Anatomy* (Histology) (Practical) (10-12)
11	Anatomy I (Embryology)**	Anatomy I (Histology)	Theory of Movement ††	Anatomy I (Histology)	
12					Anatomy I (Embryology)*
2	Physics	Anatomy I (Histology)* (Neurology) (Practical)†† (2-4)	Physiology††	Anatomy I (Histology) (Practical)* (2-4)	Massage and Treatments† (Practical) (half the class)
3			Psychology**	Theory of Movement††	
4	Massage and Treatments (Theory)†	Physiology*		Physiology*	

\*First and Second Terms.

\*\*First Term only.

†Second and Third Terms.

††Third Term only.

## SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hospital Work**	Practice of Hospital Work**	Practice of Hospital Work**	Practice of Hospital Work**	Pathology
10		Anatomy II (Neurology) (1½ Terms)		Anatomy II (Neurology) (1½ Terms)	
10.30	Theory of Movements II				
10.45		Theory of Treatments			
11			Practice of Treatments	Theory of Treatments	Theory of Treatments*
12	Anatomy II			Practical Exercises	Anatomy II
1	Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)	Theory of Movement II	Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)		Practice of Hospital Work I at R.A.H. or Q.E.H. (1-5)
		Electrotherapy		Electrotherapy	

†Second and Third Terms.

\*Second Term.

\*\*Second or Third Term.

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		Theory of Movement III (Neuro-muscular re-education.)		Theory of Movement III (Neuro-muscular re-education.)	
3		Theory of Specialised Treatments			
4				Theory of Specialised Treatments* (Surgical Lectures)	
4.30		Theory of Specialised Treatments (Medical Lectures)			

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.  
 \*First and Second Terms.

FACULTY OF MEDICINE

FIRST-YEAR COURSE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
511	Physics—Lectures .. .. . Practical (3 hours) .. .. .	11 2-5	—	12 —	— 10-1	12 —
512	Chemistry—Lectures .. .. . Practical (3 hrs.) .. .. .	—	2 —	2 —	— —	2 9-12
270	Biology—Lectures .. .. . Practical (5 hrs.) .. .. .	5-15 —	—	5-15 9-12, 3-5	— —	— —
514	Medicine and the Humanities— Lectures .. .. . Tutorials .. .. .	12 ≠	— ≠	— ≠	— ≠	3 ≠

≠ Times to be arranged

**DIPLOMA IN PHYSICAL EDUCATION**

To be arranged in consultation with the Senior Lecturer-in-Charge

**DIPLOMA IN SOCIAL STUDIES**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	
51	History IB .. .. .	9	—	9	—	—	
54	History IIB .. .. .	6.15	—	—	6.15	—	
61	Politics I .. .. .	—	9	—	—	9	
81	Psychology I .. .. .	10(A), 5.15	(B)	—	10(A), 5.15	(B)	
	Laboratory .. .. .	≠	≠	≠	≠	≠	
84	Psychology IIB—Lectures .. .. .	11	2	—	—	—	
	Psychometrics .. .. .	—	—	—	—	4.15	
	Laboratory .. .. .	—	—	—	9-12	—	
170	Social Economics .. .. .	—	—	12	—	12	
171	Economics I .. .. .	—	—	12	—	12	
184	Economic Development I .. .. .	—	10	—	10	—	
270	Biology—Lectures .. .. .	—	9(A) 6.15(B)	—	9(A) 6.15(B)	—	
	Practical .. .. .	10-1(A) 2-5(B)	7.30-10(C)	—	7.30-10(C)	10-1(A) 2-5(B)	
321	Human Biology .. .. .	—	4	—	4	—	
287	Human Nutrition .. .. .	12**	12	—	—	—	
141	Social Work I .. .. .	—	12	—	12	—	
143	Social Work II.. .. .	5.15-7.15	5.15-7.15	—	—	—	
		(A)	(B)	—	—	—	
147	Social Organisation .. .. .	—	—	—	4.15	—	
148	Sociology .. .. .	—	—	2.15	—	2.15	
146	Social Work III—Lectures .. .. .	2-4	2-4	—	2 <sup>4</sup>	—	
	Field Work .. .. .	9-1	9-1	9-1	9-1	9-1	
145	Field Work— .. .. .	Eight continuous weeks after annual examinations.					—
	Second Year .. .. .	Twelve continuous weeks after annual examinations.					—
715	Physiology .. .. .	—	4*	2‡	4*	—	

For these subjects in which tutorials and/or Laboratory work are given, times will be arranged at the beginning of lectures.

\*First and Second Terms only.

\*\*Elementary Chemistry First Term.

(A) and (B) are alternatives.

‡Third term only.

≠Times to be arranged.

**FACULTY OF DENTISTRY**

**FIRST-YEAR COURSE**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
511	Physics—Lectures .. .. .	12	—	12	—	12
	Practical (3 hrs.) .. .. .	2-5	—	—	—	—
512	Chemistry—Lectures .. .. .	—	2	2	—	2
	Practical (3 hrs.) .. .. .	9-12	—	—	—	9-12
270	Biology—Lectures .. .. .	5-15	—	5-15	—	—
	Practical (5 hrs.) .. .. .	—	9-12, 3-5	—	—	—

## DIPLOMA IN PHARMACY

## FIRST YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
661	Inorganic Chemistry— Lectures .. .. .	1	—	—	—	10	10
		2, 3	—	—	—	—	10
	Practical .. .. .	All	9-12	—	—	—	—
662	Theoretical Inorganic Chemistry B.P. Salts	All	3	—	—	11	—
663	Elementary Pharmacy— Lectures .. .. .	All	2	—	—	—	11
		All	—	—	—	1-5(A)	1-5(B)
664	Practical (4 hrs.) .. .. .	All	—	—	—	—	8.30
665	History of Pharmacy .. .. .	All	—	—	—	—	—
	Surgical Dressings and Appliances .. .. .	1	12	—	—	—	—
	First Aid .. .. .	2, 3	—	—	—	5.30(A)	5.30(B)

## SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
671	Organic Chemistry— Lectures .. .. .	1	9	—	—	—	—
		2, 3	9	—	3	—	—
		1	10-5	—	—	—	—
	Practical .. .. .	2, 3	11-5	—	—	—	—
672	Practical Pharmacy, Volumetric Analysis and Drug Assay I—Lectures .. .. .	2, 3	9	—	9	—	—
	Practical .. .. .	All	—	—	1-5	—	—
270	Biology—Lectures .. .. .	All	—	6.15	—	6.15	—
		All	—	7.15-9.15	—	7.15-9.15	—

## THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
681	Botany and Pharmacognosy	All	3-5, 30	—	—	—	—
682	Commercial Pharmacy .. .. .	All	9	—	—	—	—
683	Practical Pharmacy, Volumetric Analysis and Drug Assay II— Lectures .. .. .	All	2	—	—	—	—
		All	10-1	—	—	—	—

## FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
691	Practical Pharmacy and Dis- pensing—Lectures .. .. .	All	—	2	10	11	—
		All	—	9-1	—	—	—
692	Forensic Pharmacy .. .. .	2, 3	—	—	11	—	—
693	Pharmacy Organisation .. .. .	1, 2	—	—	—	2	—
		2, 3	—	—	9	—	—
694	Pure Pharmacology— Lectures .. .. .	All	—	4	—	4	—
695	Bacteriology .. .. .	1 and part of 2	—	—	2-5	—	—
696	Nutrition .. .. .	2, 3	—	—	—	12	—
697	Organic Medicinals .. .. .	All	—	—	—	10	—

(A) Group A.

(B) Group B.

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday			
740	Chief Prac. Study I .. ..	}							
743	Second Prac. Study I .. ..								
741	Chief Prac. Study II .. ..								
744	Second Prac. Study II .. ..								
742	Chief Prac. Study III .. ..								
745	Second Prac. Study III .. ..								
767	Speech Training I .. ..								
768	Speech Training II .. ..								
784	Concerto .. ..						Times to be arranged		
773	The Scope of School Music I ..								
774	The Scope of School Music II ..								
775	The Scope of School Music III ..								
770	Principles of Class Music Teaching I .. ..								
771	Principles of Class Music Teaching II .. ..								
772	Principles of Class Music Teaching III .. ..								
760	Modern Languages I .. ..	5.30 (Italian)	—	—	—	—			
761	Modern Languages II .. ..	—	5.30 (French)	—	—	—			
762	Modern Languages III .. ..	—	—	5.30 (German)	—	—			
776	Ensemble Playing I .. ..	}							
777	Ensemble Playing II .. ..								
746	Drama I .. ..						Times to be arranged		
747	Drama II .. ..								
748	Drama III .. ..								
751	Harmony I .. ..	3	—	3	—	—			
752	Harmony II .. ..	—	3	—	3	—			
753	Harmony III .. ..	9	—	—	12	—			
754	Harmony IV .. ..	—	9	—	9	—			
785	Counterpoint I .. ..	—	3	—	3	—			
786	Counterpoint II .. ..	9	—	—	12	—			
787	Counterpoint III .. ..	—	9	—	9	—			
783	Canon and Fugue .. ..	—	3	—	—	—			
755	History of Music I .. ..	4	—	4	—	—			
756	History of Music II .. ..	—	3	—	4	—			
757	History of Music III .. ..	—	—	4	—	3			
758	History of Music IV .. ..	10	—	10	—	—			
792	Literature of Music .. ..	≠	≠	≠	≠	≠			

≠ Times to be arranged

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
750	Form .. .. .	5	—	—	—	—
796	Orchestration I .. .	—	—	10	—	—
797	Orchestration II .. .	—	11	—	—	—
795	Musical Criticism and Aesthetics .. .	—	4	—	—	—
790	Essay I .. .	11	—	—	—	—
791	Essay II .. .	11	—	—	—	—
763	Practical Tests I .. .	2	—	2	—	—
764	Practical Tests II .. .	—	2	—	2	—
765	Practical Tests III .. .	10	—	—	11	—
766	Practical Tests IV .. .	—	10	—	10	—
781	Acoustics (1st Term only) .. .	≠	≠	≠	≠	≠
780	Accompanying .. .	—	—	—	12	—
794	Methods of Teaching .. .	≠	≠	≠	≠	≠

≠ Times to be arranged.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>DEGREE OF BACHELOR OF ARCHITECTURE</b>						
<b>FIRST YEAR SUBJECTS:</b>						
811	Building Construction I .. .	9	—	—	—	—
	Mathematics—Lectures .. .	10	—	10	—	10
	Tutorials (2 hours) .. .	—	—	11-1	—	—
813	Building Science I—Lectures .. .	—	—	—	10	—
	Laboratory .. .	—	—	—	11-1	—
814	History of Architecture I .. .	—	—	—	—	9
815	Architectural Design & Planning I .. .	11	—	—	—	—
816	Architectural and Free Drawing .. .	12	—	—	—	—
817	Studio Work I †† .. .	—	—	—	—	—
<b>SECOND YEAR SUBJECTS:</b>						
821	Building Construction II .. .	—	10	—	—	—
822	Structures I Lectures .. .	—	—	11	—	—
	Tutorial .. .	9	—	—	—	—
823	Building Science II—Lectures .. .	10	—	—	—	—
	Laboratory .. .	11-1‡	—	—	—	—
823*	Building Science II (Sanitary Science) .. .	—	—	12	—	—
824	History of Architecture II .. .	—	12	—	—	—
825	Architectural Design & Planning II .. .	—	11	—	—	—
826	Architectural Surveying—Lectures .. .	—	—	9	—	—
	Practical .. .	—	—	2-4	—	—
827	Studio Work II †† .. .	—	—	—	—	—
<b>THIRD YEAR SUBJECTS:</b>						
831	Building Construction III .. .	—	—	10	—	—
832	Structures II—Lecture .. .	—	—	—	11	—
	Laboratory .. .	—	11-1‡	—	—	—
833	Building Science III—Lectures .. .	—	—	—	—	10
	Laboratory .. .	—	—	—	—	11-1
834	Professional Practice I .. .	—	—	12	—	—
835	Architectural Design & Planning III .. .	—	—	11	—	—
837	Studio Work III †† .. .	—	—	—	—	—
<b>FOURTH YEAR SUBJECTS:</b>						
841	Building Construction IV .. .	—	—	—	9	—
842	Structures III—Lectures .. .	—	—	—	—	10
	Laboratory .. .	—	10	2-4	—	—
843	Building Science IV—Lectures .. .	—	—	—	—	—
	Laboratory .. .	—	11-1	—	—	—
844	Professional Practice II .. .	—	—	—	—	11
846	Town and Regional Planning and Civic Design I .. .	—	—	—	12	—
845	Architectural Design & Planning IV .. .	—	—	—	11	—
847	Studio Work IV †† .. .	—	—	—	—	—
859	Honours Seminars .. .	—	9†	9†	—	12†
<b>FIFTH YEAR SUBJECTS:</b>						
851	Building Construction V .. .	—	—	—	—	10
852	Structures IV—Lectures .. .	—	—	—	—	11
	Laboratory .. .	—	—	—	11-1	—
853	Building Science V—Lectures .. .	—	—	10	—	—
	Laboratory .. .	—	—	11-1	—	—
854	Professional Practice III .. .	—	—	—	—	12

\*Lectures held at Institute of Technology.

†Alternative times.

‡ Two terms only.

††Studio work will be carried out during all non-programmed periods in the morning and during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and weekends to practical work.

FACULTY OF ARCHITECTURE AND TOWN PLANNING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
854*	Professional Practice III (Building Act)	—	—	9	—	—
856	Town and Regional Planning and Civic Design II .. .. .	—	9	—	—	—
857	Studio Work V †† .. .. .	—	—	—	—	—
859	Honours Seminars .. .. .	—	9	9	—	9
<b>DEGREE OF MASTER OF TOWN PLANNING</b>						
860	Theory and Practice of Town Planning I .. .. .	—	2-4	—	—	—
861	Theory and Practice of Town Planning II .. .. .	—	—	2-4	—	—
862	Theory and Practice of Town Planning III .. .. .	—	—	—	2-4	—
863	History of Town Planning .. .. .	—	—	—	—	—
864	Environmental Design .. .. .	—	4-5	—	—	—
865	Elements of Statistics .. .. .	—	5-6	—	—	—
866	Social and Economic Aspects of Planning .. .. .	—	—	4-5 ¶	—	—
867	Law in Relation to Planning .. .. .	—	—	4-5 †	—	—
868	Physical Basis of Planning .. .. .	—	—	—	5-6	—
869	Engineering Aspects of Planning .. .. .	—	—	5-6 †	—	—
				5-6 ¶	4-5	—

¶One term only.  
 ††Two terms only.

\*Lectures held at Institute of Technology.

††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 weekends to practical work.

FACULTY OF TECHNOLOGY  
COURSES IN TECHNOLOGY AND APPLIED SCIENCE

(Unless otherwise stated, all work is given at the S.A. Institute of Technology)

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
<b>FIRST-YEAR COURSES</b>						
201	General Mathematics— Lectures .. .. .	9(A), 10(B), 5.15-7.15(C) 7.15-9.15(D)	9(A), 10(B), — —	9(A), 10(B), — —	9(A), 10(B), 5.15-7.15(C) 7.15-9.15(D)	— — 11
	Tutorial (1 hr.) .. ..	11, 6.15, 7.15	10, 11, 12	—	11, 6.15, 7.15	—
221	General Physics— Lectures (Day) .. ..	9(A), 10(B) 5.45-7.45	—	9(A), 10(B) 5.45	—	9(A), 10(B)
	Lectures (Night) .. ..	—	10-1†, 2-5†	—	2-5†	—
	Practical (Day) .. ..	—	—	7.45-9.15	—	—
	Practical (Night) .. ..	7.45-9.15	—	11†, 12†	—	—
	Tutorial (Day) .. ..	—	—	6.45	—	—
	Tutorial (Night) .. ..	—	—	—	—	—
232	Chemistry IA (at Univ.)— Lectures .. .. .	—	9	—	9	—
	Practical .. .. .	—	—	2-5	—	—
906	Surveying IA—Lectures .. ..	—	11§	—	9	—
	Practical .. .. .	—	—	—	—	2-5
870	Building Science I (T) Lecture .. .. .	—	—	—	—	12
	Practical .. .. .	12	—	—	—	—
873	Building Construction and Drawing I—Lectures .. ..	—	—	—	—	4
	Practical .. .. .	—	—	—	—	2-4
880	Architectural Drawing I (T)	—	2-5	—	2-5†	—
881	Free Drawing IA .. .. .	4-6	—	—	—	—
882	Architectural History IB .. ..	—	—	5.30	—	—
885	Quantity Surveying I .. .. .	—	—	7.30-9.30	—	—
860	Bookkeeping and Accounts .. ..	—	9	—	9	—
946	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
953	Refrigeration Engineering I .. ..	11	—	—	11	—
963	Engineering Drawing and Design I—Day .. .. .	2-4(A)	—	2-6(B)	11-1(A) 1-5(C)	9-1(D)
	Night .. .. .	5.15-7.15(E) 7.15-9.15(F) 5.15-7.15(H)	7.15-9.15(G)	7.15-9.15(G)	5.15-7.15(E) 7.15-9.15(F)	— — 5.15-7.15(H)
966	Workshop Practice I— Lectures .. .. .	—	10*(A)	11(B), 5.15(C)	—	—
	Practical (3 hrs.) .. ..	1.30-4.30*	1.30-4.30*	1.30-4.30	1.30-4.30, 6-9	9-12, 1.30-4.30* or Sat. 9-12
<b>SECOND-YEAR COURSES:</b>						
213	Mathematics I (Engineering)— Day: Lectures .. .. .	10(A)	—	11(A)	11(A)	—
	Tutorial 1 .. .. .	9†, 11†	3-5(B)	—	—	3(B)
	Tutorial 2 .. .. .	—	—	10†	10†, 12†	2† 4†
	Night: Lectures .. .. .	6.15	—	—	6.15-8.15	—
	Tutorial 1 .. .. .	5.15	—	—	5.15	—
	Tutorial 2 .. .. .	—	—	—	—	—
940	Physics B (Engineering)— Lectures .. .. .	11	—	—	9	—
	Practical (3 hrs.) .. ..	—	2-5	—	2-5*	—
234	Chemistry IIA (at University)— Lectures .. .. .	—	10	9†, 5†	10	—
	Practical .. .. .	2-5	—	—	—	2-5
863	Organic Chemistry IIA (at University)—Lectures .. ..	—	—	10	—	10
	Practical .. .. .	—	9-1(A) 2-5(A)	—	9-1(B) 2-5(B)	—
861	Geology IA— Day: Lectures .. .. .	—	9	—	9	—
	Practical (3 hrs.) .. ..	10-1(A)	2-5(B)	—	—	10-1(C)
	Tutorial (1 hr.) .. .. .	—	—	10†, 12†, 2†, 4†	—	—
	Night: Lectures .. .. .	—	5	—	5	—
	Practical and Tutorial .. ..	—	6-8	—	6-8	—
270	Biology (at University)— Lectures (Day) .. .. .	—	9	—	9	—
	Practical (Day) .. .. .	10-1(A) 2-5(B)	—	—	—	10-1(A) 2-5(B)
	Lectures (Night) .. .. .	—	6.15	—	6.15	—
	Practical (Night) (5 hrs.) .. ..	—	7.30-10	—	7.30-10	—

\* For B.E. Students only.  
† Alternatives.  
§ Second term only.

(A), (B), (C), etc., are alternatives.  
† First term only.  
†† First and Second terms only.

FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
287	Human Nutrition (at University) .. .. .	12(A)	12(B)	—	—	—
900	Structures I (T)—Lectures ..	2	10	2	—	—
	Practical .. .. .	3-5	—	3-5	—	—
	Seminars .. .. .	≠	≠	≠	≠	≠
891	Town Planning Practice I ..	—	—	5.30	—	—
906	Surveying IA—Lectures ..	—	11††	—	9	—
	Practical .. .. .	—	—	—	—	2-5
908	Surveying Computations ..	—	—	—	—	2-5
910	Surveying II—Lectures ..	—	9-11	—	—	—
	Practical .. .. .	2-5	—	—	—	—
915	Astronomy—Lectures ..	—	—	—	9-11	—
	Practical (3 hrs.) ..	—	2-5§	6.30-9.30	—	—
893	Applied Geology and Economic Geography ..	—	5.30	—	—	—
871	Building Science II (T)—Lecture .. .. .	—	9	12	—	—
	Practical .. .. .	—	10	—	—	—
874	Building Construction and Drawing IA—Lectures ..	5.15-6.15	—	—	—	—
	Practical .. .. .	—	—	—	—	7.30-9.30
875	Building Construction and Drawing II—Lectures ..	—	4	—	—	—
	Practical .. .. .	—	2-4	—	—	—
877	Building Administration I ..	6	—	10††	—	—
883	Architectural History IIB—Lecture .. .. .	—	5.15	—	—	—
	Practical .. .. .	—	—	6.30-8.30	—	—
885	Quantity Surveying I ..	—	—	7.30-9.30	—	—
886	Quantity Surveying II ..	7.30-9.30	—	—	—	—
865	Supervision—Human Relations ..	—	7.30-9	—	—	—
921	Electrical Engineering II (T)—Lectures .. .. .	5.15	5.15	—	—	—
	Practical .. .. .	—	3-5	—	—	—
922	Electrical Engineering IIA (T)—Lectures .. .. .	—	6.15-8.15	—	—	—
	Practical (Civil, Chem. and Met.) .. .. .	—	—	12	—	12
	Practical (Mech.) .. .. .	—	—	10-12	—	—
930	Communication Engineering I Lectures .. .. .	—	—	3-5	—	—
	Practical (2 hours) .. .. .	2	—	4-6	—	—
	Tutorial (1 hour) .. .. .	3-5 (A)	—	11-1(B)	—	—
933	Applied Electronics—Lecture ..	12(A)	—	3(B)	—	—
	Practical .. .. .	—	9	—	—	—
934	Applied Electronics (Short Course)—Lecture .. .. .	—	10-12**	—	—	—
	Practical .. .. .	—	—	—	2	—
941	Applied Mathematics (T)—Day: Lectures .. .. .	12	—	9	—	12
	Tutorial .. .. .	—	—	10(A), 12(B)	—	11(C)
	Night: Lectures .. .. .	—	6.15	—	5.15-7.15	—
	Tutorial (1 hr.) .. .. .	—	5.15(A)	—	7.15(B)	—
A	Applied Mathematics II (T) Lecture .. .. .	—	9, 11	—	—	9
	Tutorial .. .. .	—	10	—	—	10
B	Applied Physics I (A)—Lecture .. .. .	5	—	—	5, 6.30	—
	Practical (5 hrs.) .. .. .	6.30-9.30(A)	2-5(B)	—	7.30-9.30	—
C	Applied Physics I B—Lecture .. .. .	9	—	9	—	—
	Tutorial .. .. .	10	—	—	—	—
	Practical .. .. .	11-1	—	10	—	—
944	Electron Physics—Lectures .. .. .	—	—	—	—	9
	Practical (2 hrs.) .. .. .	—	11-1(A)	—	—	11-1(B)
	Tutorial (1 hr.) .. .. .	—	10(A)	—	—	10(B)

\* B. Tech. Students only.

††† Third Term only.

† First and Second Terms only.

(A), (B), (C), etc., are alternatives.

†† Second Term only.

§ First Term only.

|| Second and Third Terms only.

\*\* Arrangements will be made for full-time Mechanical Students who cannot attend at this time.

## FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
950	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
951	Mechanical Engineering II (T)	—	—	12	—	10
	Lectures .. .. .	—	—	—	—	—
	Practical .. .. .	2-4†	—	—	—	—
954	Refrigeration Engineering II—	—	10-11	12-1	—	—
	Lectures .. .. .	—	—	—	—	—
	Practical .. .. .	—	—	—	2-4†	—
960	Strength of Materials (T)—	—	11-1	—	—	—
	Lecture .. .. .	—	—	—	—	—
	Practical .. .. .	—	—	—	—	2-5
961	Materials and Structures—	—	—	—	2-4	—
	Lectures (Day) .. .. .	—	—	—	—	—
	Lectures (Night) .. .. .	—	5.15-7.15	—	4-6	—
	Practical (Day) .. .. .	—	—	5.15-7.15	—	—
	Practical (Night) .. .. .	—	—	—	—	9
917	Hydraulics (T)—Lectures ..	—	—	—	2-5 †††	—
	Practical .. .. .	—	—	—	—	—
963	Engineering Drawing and Design I—Day .. .. .	2-4(A)	—	2-6(B)	11-1(A)	9-1(D)
	Night .. .. .	—	—	—	1-5(C)	—
		5-15-7.15(E)	7.15-9.15(G)	7.15-9.15(G)	5.15-7.15(E)	—
		7.15-9.15(F)	—	—	7.15-9.15(F)	—
		5.15-7.15(H)	—	—	—	5.15-7.15(H)
946	Engineering Drawing and Design II—Lecture ..	—	9(A), 5(B)	2(C)	5(D)	—
	Practical .. .. .	—	2-5(A)	3.15-6.15(C)	6.30-9.30(D)	—
		—	6.30-9.30(B)	—	—	—
975	Process Technology I (at Univ.)	9	—	—	12***	9
977	Physical Metallurgy I—	—	—	—	—	—
	Lecture .. .. .	12	—	—	—	—
	Practical .. .. .	—	2-5	—	—	—
984	Chemistry I (Organic) (T)—	—	—	5	—	—
	Lectures .. .. .	—	—	7-10†	—	—
	Practical .. .. .	—	—	—	—	—
986	Engineering Materials—	—	—	10	—	—
	Lectures (Day) .. .. .	9	—	—	—	—
	Lectures (Night) .. .. .	5	5	—	—	—
	Practical (Day) .. .. .	—	—	2-4	—	—
	Practical (Night) .. .. .	—	6-8	—	—	—
866	Industrial Microbiology I—	—	—	—	—	—
	Lectures and Practical ..	≠	≠	≠	≠	≠
<b>THIRD-YEAR COURSES</b>						
863	Organic Chemistry IIA (at Univ.)—Lectures .. .. .	—	—	10	—	10
	Practical .. .. .	—	9-1(A), 2-5(A)	—	9-1(B), 2-5(B)	—
861	Geology IA—	—	—	—	—	—
	Day:	—	9	—	9	—
	Lectures .. .. .	—	—	—	—	—
	Practical (3 hrs.) .. .. .	10-1(A)	2-5(B)	—	—	10-1(C)
	Tutorial (1 hr.) .. .. .	—	—	10†, 12†, 2, 4	—	—
	Night:	—	—	—	—	—
	Lectures .. .. .	—	5	—	5	—
	Practical and Tutorial ..	—	6-8	—	6-8	—
987	Mineral Dressing (at Univ.)	—	—	—	9	9
	Lectures .. .. .	—	—	—	—	—
	Practical .. .. .	—	2-5†	—	—	—
	Tutorial .. .. .	—	2-4†††	—	—	—
988	Applied Physical Chemistry Lectures (at Univ. or S.A.I.T.) .. .. .	10	—	9	—	—
	Practical (at S.A.I.T.) ..	—	—	2-5	—	—
287	Human Nutrition (at Univ.)	12(A)	12(B)	—	—	—
901	Civil Engineering A—Lecture	10	11	—	9	—
	Practical .. .. .	11-1	—	—	10-1	—
902	Civil Engineering B—	—	—	—	—	—
	Lectures .. .. .	—	5	9	5	—
	Practical .. .. .	—	—	—	—	Sat. 9-12
903	Structures II (T)—Lectures	—	—	—	—	9
	Practical .. .. .	4-6	2-5	—	—	10-12

\* First Term only.

\*\* Second Term only.

\*\*\* Second and Third Terms only.

† First and Second Terms only.

††† Third Term only.

≠ Times to be arranged.

(A), (B), (C), etc., are alternatives.

‡ Alternatives.

FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
904	Methods of Construction and Management	5	—	—	—	—
905	Soils Investigations—Lectures	—	5.15	9**	—	—
	Practical	—	—	—	—	1.30-4.30
906	Surveying IA—Lectures	—	11**	—	9	—
	Practical	—	—	—	—	2-5
911	Land Surveying Design and Drafting	—	2-5	—	—	—
912	Mine Surveying—Lecture	—	11**	—	—	—
913	Photogrammetry—Lectures	—	9-10.30	2-3.30	—	—
	Practical..	2-5	—	—	9-12	—
914	Geodesy .. .. .	9-11	12	10-1	—	—
916	Surveying Law	—	—	—	—	4.30-6.30
892	Law in Relation to Planning	6.30	—	—	—	—
862	Land Valuation, Principles and Practice	—	6-7.30	—	—	—
872	Building Science III (T)—Lectures	—	—	5	5.30	—
	Practical .. .. .	—	—	—	2-5†††	—
876	Building Construction and Drawing III—Lecture	—	—	10	—	—
	Practical .. .. .	—	—	11-1	2-5	—
878	Building Administration II—Lectures	5	—	9	—	—
	Practical .. .. .	2-5	—	—	—	—
886	Quantity Surveying II	7.30-9.30	—	—	—	—
887	Quantity Surveying III	—	—	7.30-9.30	—	—
888	Estimating and Costing	—	6-8	—	—	—
890	Design of Structures (A)—Lecture	—	2	—	—	—
	Tutorial .. .. .	—	—	—	—	9-12
922	Electrical Engineering IIA (T)—Lectures	—	—	12	—	12
	Practical (Civil, Chem. and Met.)	—	—	10-12	—	—
923	Electrical (Mech.) .. .. .	—	—	3-5	—	—
	Lecture .. .. .	12	—	—	9	—
	Practical .. .. .	—	—	—	10-12(A) 2-4(B)	—
925	Automatic Control—Lectures	—	—	—	—	1.30
	Practical .. .. .	—	—	—	—	9-12(A) 2.30-5.30(B)
931	Communication Engineering II—Lectures	—	9	—	—	9
	Practical .. .. .	—	10-12	—	—	10-12
933	Applied Electronics—Lecture	—	9	—	—	—
	Practical** .. .. .	—	10-12**	—	—	—
935	Electronic Engineering Design—Lecture	—	—	9	—	—
	Practical .. .. .	—	—	10-12	—	—
936	Electronic Measurements—Lectures	9	—	—	—	—
	Practical .. .. .	10-12	—	—	—	—
937	Pulse Techniques—Lectures	—	—	12, 2	—	—
	Tutorial .. .. .	—	—	3	—	—
	Practical .. .. .	—	—	4-6	—	—
D	Applied Physics IIA—Lectures	—	4	—	4	—
	Practical .. .. .	11-1(A)	—	5.30-7.30(B)	9-12(A) 5.30-8.30(B)	—
E	Applied Physics IIB—Lectures	10	9	—	—	9
	Practical .. .. .	10-1	—	—	—	10-12
950	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
952	Mechanical Engineering III(T)—Lectures	—	11	—	12	—
	Practical .. .. .	—	—	—	2-5	—
953	Refrigeration Engineering I..	11	—	—	11	—
955	Refrigeration Engineering III—Lectures	—	12	—	—	11
	Practical .. .. .	—	—	—	—	2-5
957	Machine Design—Lecture	—	—	9-11	—	—
	Practical .. .. .	9-12†	—	—	—	—

(A), (B), (C), etc., are alternatives.

\*\* Second Term only.

† First and Second Terms only.

†† Arrangements made for Full-time Mechanical Students unable to attend at this time.

††† Third Term Only.

## FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
958	Machine Design Project— Lecture .. .. .	—	—	9-11	—	—
	Practical .. .. .	9-12	—	—	—	—
961	Materials and Structures— Lecture (Day) .. .. .	—	—	—	2-4	—
	Lecture (Night) .. .. .	—	5.15-7.15	—	—	—
	Practical (Day) .. .. .	—	—	5.15-7.15	4-6	—
	Practical (Night) .. .. .	—	—	—	—	9
917	Hydraulics (T)—Lecture .. .. .	—	—	—	2-5†††	—
	Practical .. .. .	—	—	—	—	—
946	Engineering Drawing and Design II—Lectures .. .. .	—	9(A), 5(B) 2-5(A)	2(C) 3.15-6.15(C)	5(D) 6.30-9.30(D)	—
	Practical .. .. .	—	6.30-9.30(B)	—	—	—
967	Workshop Practice II— Lecture .. .. .	—	—	—	11	—
	Practical (3 hours) .. .. .	1.30-4.30	1.30-4.30	1.30-4.30	1.30-4.30	9-12 1.30-4.30
864	Principles of Business and Industry—Lectures .. .. .	—	5.30	—	5.30	—
970	Analytical Chemistry— Lecture .. .. .	12-1	—	—	—	—
	Practical .. .. .	2-5	—	—	—	—
971	Extractive Metallurgy I (at Univ.)—Lectures .. .. .	9*	9***	—	10	—
	Practical .. .. .	—	—	—	—	2-5
	Tutorial (1 hour) .. .. .	—	—	—	—	11
972	Extractive Metallurgy IA (at Univ.)—Lecture .. .. .	9*	9***	—	—	—
	Practical .. .. .	—	—	—	—	2-5
973	Industrial Instrumentation— Lecture .. .. .	5	—	—	—	—
	Practical (3 hrs.) .. .. .	2-5	—	—	—	—
975	Process Technology I (at Univ.)	9	—	—	12***	9
976	Process Technology II— Lectures .. .. .	—	—	9	12	—
	Practical .. .. .	—	9-1, 2-5	—	—	—
868	Unit Operations (at Univ.)— Lecture .. .. .	—	—	—	—	11
	Practical .. .. .	—	—	—	—	2-5*
	Tutorial .. .. .	—	—	—	—	2-5*
977	Physical Metallurgy I— Lecture .. .. .	12	—	—	—	—
	Practical .. .. .	—	2-5	—	—	—
980	Physical Metallurgy II— Lecture .. .. .	—	—	—	9	—
	Practical .. .. .	—	—	—	—	9-12
981	Metal Fabrication—Lecture .. .. .	—	5.15	—	—	—
	Practical .. .. .	—	7-10†††	—	—	—
982	Foundry Practice—Lecture .. .. .	—	—	—	—	5.15
	Practical .. .. .	—	—	—	—	7-10†
983	Industrial Economics (at Univ.)	10†	—	—	—	—
985	Assaying .. .. .	—	—	9-12	—	—
986	Engineering Materials— Lectures (Day) .. .. .	9	—	10	—	—
	Lectures (Night) .. .. .	5	5	—	—	—
	Practical (Day) .. .. .	—	—	2-4	—	—
	Practical (Night) .. .. .	—	6-8	—	—	—
866	Industrial Microbiology I— Lectures and Practical .. .. .	≠	≠	≠	≠	≠
867	Industrial Microbiology II (at Univ.) .. .. .	≠	≠	≠	≠	≠
<b>FOURTH YEAR COURSES</b>						
427	Hydraulics B (at Univ.)— Lecture .. .. .	—	—	—	—	12
	Practical .. .. .	—	—	—	2-5†††	—
987	Mineral Dressing (at Univ.)— Lectures .. .. .	—	—	—	9	9
	Practical .. .. .	—	2-5†	—	—	—
	Tutorial .. .. .	—	2-4†††	—	—	—
452	Ore Dressing—Lecture .. .. .	9	—	—	—	—
	Practical .. .. .	—	—	2-5	—	—
450	Mining Engineering I (at Univ.)—Lecture .. .. .	—	—	10-12	—	—
	Practical .. .. .	—	—	—	2-5	—

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\* First Term only.

≠ Times to be arranged.

§ Alternate weeks.

(A), (B), (C), etc., are alternatives.

|| Second Term only.

## FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
922	Electrical Engineering IIA(T)— Lectures .. .. .	—	—	12	—	12
	Practical (Civil, Chem. and Met.) .. .. .	—	—	10-12	—	—
	Practical (Mech.) .. .. .	—	—	3-5	—	—
953	Refrigeration Engineering I..	11	—	—	11	—
961	Materials and Structures— Lectures (Day) .. .. .	—	—	—	2-4	—
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††† Third Term only.

\*\*\* Second and Third terms only.

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