

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1958

ADELAIDE
THE GRIFFIN PRESS
1958

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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 27 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 and Technology, and diplomas in Education, Physical Education, Public Administration, Music, Pharmacy, Social Science, 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 1957 the University had conferred 7,796 degrees and 3,496 diplomas by examination, and 600 degrees and 15 diplomas by admission *ad eundem gradum*; in 1957 there were 3,205 matriculated students, 908 non-graduating students (mostly proceeding to sub-graduate diplomas) and 311 graduates proceeding to higher degrees or post-graduate diplomas, apart from the

335 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to thirty-four professors, over 160 full-time readers, senior lecturers and lecturers, and over 160 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—a new building 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.

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;

The Hon. J. H. Angas—£4,000 to found a scholarship in Engineering and £6,000 to endow the chair of Chemistry;

R. Barr Smith and family—£20,000 as an endowment for the purchase of books for the University Library;

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. G. A. Jury—£12,000 to endow a chair in English Language and Literature;

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;

Sir Josiah Symon—£9,500 for the Lady Symon Building for the Women's Union;

Sir Joseph Verco—£5,000 for the publication of research in the Medical sciences, and £4,300 for the Medical and Dental Schools;

Sir John Melrose—£10,000 for a chemical laboratory at the Waite Institute;

T. E. Barr Smith—£34,000 for a building for the Library, and £10,000 for the purchase of books;

R. L. Johnson—£12,000 (estimate) for chemical laboratories;

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; and £20,000 from Mr. J. T. Mortlock for scientific research in the Medical School.

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.

W. H. Sandland—£15,000 for the work of the Waite Agricultural Research Institute.

W. D. Grigg—£18,300 for the work of the Waite Agricultural Research Institute.

Mrs. J. T. Mortlock—£10,000 to support and to develop the John Mortlock Research Station for pastoral research.

Mrs. G. Hastings—£50,000 for the promotion of medical research, with a bequest (in 1955) of another £50,000 and the residue of her estate for the same purpose.

T. E. Barr Smith, Jnr.—nearly £14,000 to establish a scholarship tenable at Cambridge.

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

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 endowment by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy: And whereas the said Walter Watson Hughes, his executors

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

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

THE THIRD SCHEDULE

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

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

18b. No by-law shall be made—

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

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.

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 seven members, who shall be appointed by the Governor after being respectively nominated as follows, namely:—

One shall be nominated by the Council of the University of Adelaide;

One shall be nominated by the faculty of medicine of the said University;

One shall be nominated by the faculty of dentistry of the said University;

Two shall be nominated by the Board;

Two shall be nominated by the 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—

I. the chairman shall be the member elected to that office by the committee; and

II. any four members shall constitute a quorum at any meeting of the committee.

ALMANAC FOR 1958

TERMS:

First Term: March 17-May 24.

Second Term: June 16-August 16.

Third Term: September 8-December 13.

Lectures will cease in some cases in the week ending November 1 and in others in the week ending November 8.

1958

JANUARY

- W. 1 New Year's Day. Commonwealth inaugurated 1901.
 M. 6 Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 7 Board for Anthropological Research—1.30 p.m.
 F. 17 Faculty of Medicine—8 p.m.
 M. 20 Faculty of Law—4.30 p.m.
 Tu. 21 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
 W. 22 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 23 Faculty of Dentistry—5 p.m.
 F. 24 Faculty of Music—9 a.m.
 M. 27 Public Holiday: celebration of Foundation Day.
 Tu. 28 Last day of entry for the special degree and diploma examinations to be held in February and March.
 Th. 30 Education Committee—2 p.m.

FEBRUARY

- M. 3 Hospital year begins. Last day of entry for the M.S. examinations to be held in May. Finance Committee—2.20 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 4 Board for Anthropological Research—1.30 p.m.
 F. 7 Council—2.20 p.m.
 M. 10 Faculty of Law—4.30 p.m.
 Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Postgraduate Committee in Medicine—8 p.m. Supplementary Leaving Examinations begin.
 W. 12 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 13 Faculty of Dentistry—5 p.m.
 F. 14 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
 M. 17 LAST DAY OF ENROLMENT.
 Th. 20 Education Committee—2 p.m.
 M. 24 Special degree and diploma examinations begin. CONSERVATORIUM first term begins. LECTURES BEGIN in those subjects for the degree of Bachelor of Technology that are given at the S.A. School of Mines. Finance Committee—2.20 p.m.
 F. 28 Council—2.20 p.m. LAST DAY OF ENTRY FOR EVENING STUDENTSHIPS.

MARCH

- M. 3 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 4 Board for Anthropological Research—1.30 p.m.
- W. 5 Last day of entry for public examinations in Music and the Art of Speech to be held in May.
- M. 10 Faculty of Law—4.30 p.m.
- Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 12 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 13 Faculty of Dentistry—5 p.m.
- F. 14 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- Sa. 15 Long vacation ends.
- M. 17 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.
Board of Research Studies—2 p.m.
- Th. 20 Education Committee—2 p.m.
- M. 24 LECTURES BEGIN. Finance Committee—2.20 p.m.
- F. 28 Council—2.20 p.m.
- M. 31 Last day for submitting entries for the Bunday Prize.

APRIL

- Tu. 1 Board for Anthropological Research—1.30 p.m.
- W. 2 ANNUAL COMMEMORATION—FIRST CEREMONY.
- F. 4 Good Friday.
- M. 7 Easter Monday.
- Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 9 ANNUAL COMMEMORATION—SECOND CEREMONY.
- Th. 10 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Faculty of Dentistry—5 p.m.
- F. 11 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- M. 14 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Th. 17 Education Committee—2 p.m.
- M. 21 Finance Committee—2.20 p.m.
- Th. 24 Council—2.20 p.m.
- F. 25 Anzac Day.
- W. 30 Theory of Music and the Art of Speech Examinations.

MAY

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- M. 5 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 6 Board for Anthropological Research—1.30 p.m. Postgraduate Committee in Medicine—8 p.m.
- F. 9 Faculty of Medicine—8 p.m.
- M. 12 Faculty of Law—4.30 p.m.
- Tu. 13 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 14 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 15 Faculty of Dentistry—5 p.m.
- F. 16 Faculty of Music—9 a.m.
- M. 19 Board of Research Studies—2 p.m.
- Th. 22 Education Committee—2 p.m.
- Sa. 24 UNIVERSITY AND CONSERVATORIUM FIRST TERM ENDS.
- M. 26 University and Conservatorium first term vacation begins. Finance Committee—2.20 p.m.
- F. 30 Council—2.20 p.m.
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JUNE

- M. 2 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- Sa. 7 Conservatorium first term vacation ends.
- M. 9 Faculty of Law—4.30 p.m. Conservatorium second term begins.
- Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 12 Faculty of Dentistry—5 p.m.
- F. 13 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- Sa. 14 University first term vacation ends.
- M. 16 UNIVERSITY SECOND TERM BEGINS. Public Holiday: celebration of Queen's Birthday.
- Tu. 17 Lectures resume.
- Th. 19 Education Committee—2 p.m.
- M. 23 Finance Committee—2.20 p.m.
- F. 27 Council—2.20 p.m. Last day for submitting theses for the Bonython Prize and for the degree of D.D.Sc.
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 JULY

- Tu. 1 Board for Anthropological Research—1.30 p.m.
 M. 7 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
 W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Last day of entry for public examinations in Music and the Art of Speech to be held in October.
 Th. 10 Faculty of Dentistry—5 p.m.
 F. 11 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
 Th. 17 Education Committee—2 p.m.
 M. 21 Finance Committee—2.20 p.m.
 F. 25 Council—2.20 p.m.
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AUGUST

- M. 4 Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 5 Board for Anthropological Research—1.30 p.m. Postgraduate Committee in Medicine—8 p.m.
 F. 8 Faculty of Medicine—8 p.m.
 M. 11 Faculty of Law—4.30 p.m.
 Tu. 12 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
 W. 13 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 14 Faculty of Dentistry—5 p.m.
 F. 15 Faculty of Music—9 a.m.
 Sa. 16 UNIVERSITY AND CONSERVATORIUM SECOND TERM ENDS. LAST DAY OF ENTRY FOR THE DEGREE AND DIPLOMA EXAMINATIONS TO BE HELD IN NOVEMBER.
 M. 18 University and Conservatorium second term vacation begins. Board of Research Studies—2 p.m.
 Th. 21 Education Committee—2 p.m.
 M. 25 Finance Committee—2.20 p.m.
 F. 29 Council—2.20 p.m.
 Sa. 30 Conservatorium second term vacation ends.
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 SEPTEMBER

- M. 1 Advisory Committee of the University and the R.A.H.—5 p.m. Conservatorium third term begins.
- Tu. 2 Board for Anthropological Research—1.30 p.m.
- Sa. 6 University second term vacation ends.
- M. 8 UNIVERSITY THIRD TERM BEGINS. Faculty of Law—4.30 p.m.
- Tu. 9 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 10 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 11 Faculty of Dentistry—5 p.m.
- F. 12 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- Th. 18 Education Committee—2 p.m.
- M. 22 Finance Committee—2.20 p.m.
- F. 26 Council—2.20 p.m.
- Tu. 30 Last day for submitting entries for the United Nations Prize.
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OCTOBER

- W. 1 Last day of entry for the PUBLIC EXAMINATIONS to be held in November and December.
- F. 3 Theory of Music and the Art of Speech examinations.
- M. 6 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 7 Board for Anthropological Research—1.30 p.m.
- F. 10 Faculty of Medicine—8 p.m.
- M. 13 Public Holiday—Labour Day.
- Tu. 14 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 15 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 16 Faculty of Dentistry—5 p.m.
- F. 17 Faculty of Music—9 a.m.
- M. 20 Faculty of Law—4.30 p.m.
- Th. 23 Education Committee—2 p.m.
- M. 27 Finance Committee—2.20 p.m.
- F. 31 Council—2.20 p.m.
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NOVEMBER

- Sa. 1 Last day of entry for the David Murray Scholarship in Science, for the James Barrans Scholarship, and for the John L. Young and John Lorenzo Young Scholarships, and for submitting theses for the Tate Medal and the John Bagot Medal. Lectures in some departments end.
- M. 3 Conservatorium vacation begins. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 4 Board for Anthropological Research—1.30 p.m. Postgraduate Committee in Medicine—8 p.m.
- Sa. 8 All lectures end by this date.
- M. 10 Faculty of Law—4.30 p.m. Sixth-year Medical examinations begin. Last day for sending to the Clerk of the Senate nominations of candidates for the annual vacancies on the Council and for the offices of Warden and Clerk, and notices of motion for the meeting of the Senate to be held on November 26.
- Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 12 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 13 Faculty of Dentistry—5 p.m.
- F. 14 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- Sa. 15 Conservatorium vacation ends.
- M. 17 FIFTH-YEAR MEDICAL EXAMINATIONS and all other DEGREE and DIPLOMA EXAMINATIONS BEGIN.
- Th. 20 Education Committee—2 p.m.
- M. 24 Finance Committee—2.20 p.m.
- W. 26 Senate—4.30 p.m. Election of Members of the Council and Warden and Clerk of the Senate.
- F. 28 Council—2.20 p.m.

DECEMBER

- M. 1 PUBLIC EXAMINATIONS BEGIN. Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 2 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 3 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 4 Faculty of Dentistry—5 p.m.
- F. 5 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- M. 8 Board of Research Studies—2 p.m.
- Th. 11 Education Committee—2 p.m.
- Sa. 13 ACADEMIC YEAR ENDS.
- M. 15 Finance Committee—2.20 p.m.
- F. 19 Council—2.20 p.m.
- Th. 25 Christmas Day.
- M. 29 Public Holiday: Proclamation Day.
- W. 31 Last day of application for Mining and Metallurgical Bursaries.

1959

JANUARY

- Th. 1 New Year's Day. Commonwealth inaugurated 1901.
- M. 5 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 6 Board for Anthropological Research—1.30 p.m.
- F. 16 Faculty of Medicine—8 p.m.
- M. 19 Faculty of Law—4.30 p.m.
- Tu. 20 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
- W. 21 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 22 Faculty of Dentistry—5 p.m.
- F. 23 Faculty of Music—9 a.m.
- M. 26 Public Holiday: celebration of Foundation Day.
- Tu. 27 Last day of entry for the special degree and diploma examinations to be held in February and March.
- Th. 29 Education Committee—2 p.m.

FEBRUARY

- M. 2 Hospital year begins. Last day of entry for the M.S. examinations to be held in May. Finance Committee—2.20 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- F. 6 Council—2.20 p.m.
- M. 9 Faculty of Law—4.30 p.m.
- Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Postgraduate Committee in Medicine—8 p.m. Supplementary Leaving Examinations begin.
- W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 12 Faculty of Dentistry—5 p.m.
- F. 13 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- M. 16 LAST DAY OF ENROLMENT.
- Th. 19 Education Committee—2 p.m.
- M. 23 Special degree and diploma examinations begin. CONSERVATORIUM first term begins. LECTURES BEGIN in those subjects for the degree of Bachelor of Technology that are given at the S.A. School of Mines. Finance Committee—2.20 p.m.
- F. 27 Council—2.20 p.m. LAST DAY OF ENTRY FOR EVENING STUDENTSHIPS.

 MARCH

- M. 2 Advisory Committee of the University and the R.A.H.—
5 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- W. 4 Last day of entry for public examinations in Music and
the Art of Speech to be held in May.
- M. 9 Faculty of Law—4.30 p.m.
- Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science
—3.45 p.m. Faculty of Economics—4 p.m.
- W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15
p.m. Faculty of Technology—3.30 p.m.
- Th. 12 Faculty of Dentistry—5 p.m.
- F. 13 Faculty of Music—9 a.m. Faculty of Medicine—8 p.m.
- Sa. 14 Long vacation ends.
- M. 16 **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.
Board of Research Studies—2 p.m. Finance Committee—
2.20 p.m.
- Th. 19 Education Committee—2 p.m.
- M. 23 **LECTURES BEGIN.**
- Th. 26 Council—2.20 p.m.
- F. 27 Good Friday.
- M. 30 Easter Monday.
- Tu. 31 Last day for submitting entries for the Bunday Prize.
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The University of Adelaide

1958

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D. Elected for the first time as from 1st February, 1948; re-elected, 1958.

VICE-CHANCELLOR

DEPUTY VICE-CHANCELLOR

PROFESSOR SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. Appointed 1951.

THE COUNCIL

THE CHANCELLOR. A member since 1948.

THE VICE-CHANCELLOR. A member since 1948.

GEOFFREY THOMAS CLARKE, F.C.A. (Aust.), A.U.A., M.P. Appointed by Parliament, for the first time, in 1947. Date of last appointment, 23rd August, 1956.

PROFESSOR JAMES GLADSTONE CORNELL, M.A., L. ès L., Chevalier de la Légion d'Honneur. A member since 1949. Date of last election, 28th November, 1956.

THE HONOURABLE LESLIE HAROLD DENSLEY, M.B.E., M.L.C. Appointed by Parliament for the first time, 19th August, 1953. Date of last appointment, 4th September, 1956.

JULIAN RANDAL DRIDAN, C.M.G., B.E. Elected for the first time, 23rd November, 1955.

DONALD ALLAN DUNSTAN, LL.B., M.P. Appointed by Parliament for the first time, 23rd August, 1956.

JEAN GILMORE, LL.B. Elected for the first time, 23rd November, 1955.

COLIN ERNEST SUTHERLAND GORDON, M.A. A member since 1950. Date of last election, 24th November, 1954.

THE REVEREND WILLIAM FRANK HAMBLY, M.A. Elected for the first time, 24th November, 1954.

ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B. A member since 1939. Date of last election, 27th November, 1957.

KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. Elected for the first time, 24th November, 1954.

FRANK RAYMOND HONE, B.Sc., M.D. A member since 1949. Date of last election, 27th November, 1957.

PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford). A member since 1953. Date of last election, 28th November, 1956.

IVAN BEDE JOSE, M.C., M.S., F.R.C.S. A member since 1953. Date of last election, 27th November, 1957.

PROFESSOR PETER HENRY KARMEL, Ph.D. Elected for the first time, 23rd November, 1955.

CONDOR LOUIS LAUCKE, M.P. Appointed by Parliament for the first time, 23rd August, 1956.

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. A member since 1942. Date of last election, 27th November, 1957.

PROFESSOR SIR DOUGLAS MAWSON, Kt., O.B.E., B.E., D.Sc., F.R.S. A member since 1931. Date of last election, 24th November, 1954.

HELEN MARY MAYO, O.B.E., M.D., B.S. A member since 1914. Date of last election, 28th November, 1956.

KENNETH HARVEY MILNE, B.E., M.I.E.E., M.I.E. (Aust.). Elected for the first time, 28th November, 1956.

PROFESSOR SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. A member since 1949. Date of last election, 27th November, 1957.

THE HONOURABLE SIR FRANK TENNYSON PERRY, M.B.E., M.L.C. Appointed by Parliament, for the first time, in 1947. Date of last appointment, 4th September, 1956.

ARCHIBALD GRENFELL PRICE, C.M.G., D.Litt., F.R.G.S. A member since 1925. Date of last election, 23rd November, 1955.

ROBERT ALLEN SIMPSON, B.E. Elected for the first time, 24th November, 1954.

WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last election, 28th November, 1956.

KENNETH AGNEW WILLS, C.B.E., M.C., E.D. A member since 1945. Date of last election, 23rd November, 1955.

REGISTRAR:

VICTOR ALLEN EDGELOE, B.A.

THE SENATE

The Senate consists of all Masters of Arts, Masters of Economics, Masters of Science, Masters of Laws, Masters of Surgery, Masters of Engineering, Masters of Agricultural Science, Doctors of Philosophy, Doctors of Medicine, Doctors of Dental Science, Doctors of Laws, Doctors of Science, Doctors of Letters, and Doctors of Music, and of all other Graduates of three years' standing.

OFFICERS:

Warden—THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Elected for the first time, 28th November, 1945; re-elected 27th November, 1957.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected 27th November, 1957.

COMMITTEES, FACULTIES AND BOARDS FOR 1958

EDUCATION COMMITTEE

Chairman: Professor L. G. H. Huxley
 Vice-Chairman: Professor J. G. Wood

The Chancellor	The Director of the Waite Agricultural Research Institute
The Vice-Chancellor	The Directors of Surgical Studies, and of Obstetrics
Mr. D. A. Dunstan	The Heads of the Departments of Bacteriology, Entomology, Geography, German, Plant Pathology, and Psychology.
Mr. C. E. S. Gordon	The Librarian
Mr. A. J. Hannan	A representative of the four Colleges
Mr. I. B. Jose	The Professors of the University
Dr. Helen Mayo	
Dr. A. Grenfell Price	
Mr. W. M. C. Symonds	
The Deans of Faculties	
The Chairmen of Boards of Studies	

FINANCE COMMITTEE

Chairman: Mr. K. A. Wills

The Chancellor	Dr. F. Ray Hone
The Vice-Chancellor	Mr. I. B. Jose
The Deputy Vice-Chancellor	Professor P. H. Karmel
Mr. G. T. Clarke	The Hon. Sir George Ligertwood
The Hon. L. H. Densley	The Hon. Sir Frank Perry
Mr. A. J. Hannan	Mr. R. A. Simpson

FACULTY OF ARTS

Dean: Professor H. Stretton

Members *ex officio*:

The Chancellor	Professor H. W. Sanders
The Vice-Chancellor	Professor J. J. C. Smart
The Chairman of the Education Committee	Professor H. Stretton
The Dean of the Faculty of Science	Professor J. R. Trevaskis
Professor John Bishop	Mr. M. M. S. Finnis
Professor J. G. Cornell	Mr. G. H. Lawton
Professor W. G. K. Duncan	Mr. E. Mander-Jones
Professor C. J. Horne	Dr. A. W. Meadows
Professor P. H. Karmel	Dr. H. H. Penny
Professor Norval Morris	Mr. E. N. Pfitzner
	Dr. D. Van Abbe

Members appointed by the Council:

Mr. G. R. Cochrane	Dr. K. S. Inglis
Dr. B. L. D. Coghlan	Mr. S. H. Lovibond
Mr. E. R. Corney	Dr. A. Grenfell Price
Miss H. Crampton	Mr. R. L. Reid
Mr. D. A. David	Dr. B. C. Rennie
Mr. G. P. H. Dutton	Mr. E. A. Russell
Dr. B. R. Elliott	Mr. W. M. C. Symonds

FACULTY OF SCIENCE

Dean: Professor D. O. Jordan

Members *ex officio*:

The Chancellor	Professor G. M. Badger
The Vice-Chancellor	Professor J. H. Bennett
The Chairman of the Education Committee	Professor H. S. Green
The Dean of the Faculty of Agricultural Science	Professor L. G. H. Huxley
The Dean of the Faculty of Arts	Professor D. O. Jordan
The Dean of the Faculty of Dentistry	Professor Sir Mark Mitchell
The Dean of the Faculty of Engineering	Professor W. P. Rogers
The Dean of the Faculty of Medicine	Professor E. A. Rudd
Professor A. A. Abbie	Professor H. W. Sanders
Professor A. R. Alderman	Professor R. F. Whelan
	Professor J. G. Wood
	Dr. N. Atkinson
	Mr. G. R. Fuller

Members appointed by the Council:

Dr. H. G. Andrewartha	Mr. K. H. Milne
Dr. R. S. Burdon	Dr. M. E. S. Neville
Dr. J. M. Creeth	Dr. A. D. Packer
Mr. I. S. de la Lande	Professor J. S. Robertson
Dr. M. F. Glaessner	Dr. H. J. Rodda
Dr. C. A. Hurst	Mr. G. Szekeres
Dr. D. I. B. Kerr	Dr. S. G. Tomlin
Mrs. S. J. May	Dr. H. B. S. Womersley
Professor Sir Douglas Mawson	

FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor C. M. Donald

Members *ex officio*:

The Chancellor	Professor Sir Mark Mitchell
The Vice-Chancellor	Professor R. K. Morton
The Chairman of the Education Committee	Professor W. P. Rogers
The Dean of the Faculty of Science	Dr. N. T. Flentje
Professor A. R. Alderman	Dr. R. N. McCulloch
Professor G. M. Badger	Dr. L. H. May
Professor J. H. Bennett	Dr. J. Melville
Professor C. M. Donald	Dr. J. P. Riches (deputy for Professor J. G. Wood)
Professor L. G. H. Huxley	Mr. D. C. Swan
Professor D. O. Jordan	

Members appointed by the Council:

Mr. K. J. P. Barley	Mr. A. F. Jenkinson
Dr. R. J. Best	Dr. A. Kerr
Dr. A. R. Callaghan	Mr. H. S. F. Lower
The Hon. L. H. Densley	Mr. R. N. McKeown
Mr. G. R. Edwards	Dr. J. P. Quirk
Mr. K. J. Hutchinson	Mr. A. G. Strickland
Mr. H. V. Jenkins	

FACULTY OF ENGINEERING

Dean: Professor E. O. Willoughby

Members *ex officio*:

The Chancellor	Professor H. H. Davis
The Vice-Chancellor	Professor R. A. Jensen
The Chairman of the Education Committee	Professor D. O. Jordan
The Dean of the Faculty of Science	Professor E. A. Rudd
The President of the S.A. School of Mines and Industries	Professor E. C. R. Spooner
The Principal of the S.A. School of Mines and Industries	Professor E. O. Willoughby
Professor A. R. Alderman	Mr. A. J. Robinson
Professor F. B. Bull	Mr. G. R. Fuller (deputy for Professor L. G. H. Huxley)
	Mr. M. C. Gray (deputy for Professor H. W. Sanders)

Members appointed by the Council:

Dr. R. G. Barden	Mr. F. A. Green
Mr. A. B. Barker	Mr. H. N. Hoskings
Mr. A. Black	Mr. K. H. Milne
Mr. H. J. Brown	Mr. J. P. Morgan
Mr. W. D. Doble	Mr. D. C. Pawsey
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COMMERCIAL STUDIES

- Professor of Commerce:**
 RUSSELL LLOYD MATHEWS, B.Com. (Melb.). Appointed Reader-in-Charge of Commercial Studies, 1953; Professor, 1958.
- Lecturer in Accounting:**
 JAMES WILLIAM BENNETT, B.Com. (Melb.). Appointed 1958.
- Part-time Lecturer in Financial Accounting:**
 EDWARD WEBSDALE PAINTER, A.U.A., F.C.A. (Aust.). Appointed 1946.
- Part-time Lecturer in Cost Accounting:**
 RONALD FRANCIS PASCOE. Appointed 1952.
- Part-time Assistant Lecturer in Cost Accounting:**
 ARTHUR JAMES ADAM. Appointed 1952.
- Part-time Lecturer in Commercial Law A:**
 SAMUEL JOSHUA JACOBS, LL.B. Appointed 1956.
- Part-time Lecturer in Commercial Law B:**
 OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.

SOCIAL STUDIES

- Senior Lecturer-in-Charge:**
 AMY GRACE WHEATON, M.B.E., M.A. (Adel.), B.Sc. (Econ.) (Lond.). Appointed Lecturer-in-Charge, 1942; Senior Lecturer-in-Charge, 1955.
- Lecturers:**
 MARGARET NORTON, B.Com., Dip.Soc.Stud. (Melb.), M.A. (Chicago). Appointed 1957.
 FRANCES CHRISTIAN SHAW, B.A. (Soc. Sc.; Sth Africa), M.S.W. (McGill). Appointed 1958.
- Temporary Lecturer:**
 HELEN MARGARET JAMES, B.A. Appointed 1958.

MATHEMATICS

- The Elder Professor:**
 HAROLD WILLIAM SANDERS, M.A. (Camb.). Appointed Lecturer, 1923; Professor, 1944.
- Reader:**
 GEORGE SZEKERES, Dip.Chem.Eng. (Budapest). Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1957.
- Senior Lecturers:**
 MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.
 BASIL CAMERON RENNIE, M.A., Ph.D. (Camb.). Appointed 1950.
 MAURICE NORMAN BREAULEY, B.E. (W.A.), B.Sc. (Syd.), M.A. (Camb.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.
 DAVID ELLIOTT, M.Sc. (Lond.), M.S.E. (Princeton). Appointed 1958.
- Lecturers:**
 KERWIN WILLIAM MORRIS, B.Sc. Appointed 1956.
 JAMES HENRY MICHAEL, Ph.D. (Manc.), M.Sc. Appointed 1958.
- Part-time Lecturer in Mathematical Statistics:**
 EDMUND ALFRED CORNISH, D.Sc.
- Part-time Lecturer in Statistical Methods:**
- Part-time Tutor:**
 ESTHER SZEKERES, Dip.M. and P. (Budapest).

PHYSICS

The Elder Professor:

LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A. Appointed 1949.

Readers:

ROY STANLEY BURDON, D.Sc., F.Inst.P. Appointed Lecturer, 1922; Senior Lecturer, 1947; Reader, 1950.
STANLEY GORDON TOMLIN, Ph.D. (Lond.). Appointed Senior Lecturer 1950; Reader 1953.

Senior Lecturers:

GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.
GORDON JAMES AITCHISON, Ph.D. Appointed Lecturer, 1946; Senior Lecturer, 1954.

Lecturers:

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed 1946.
ROBERT WOODHOUSE CROMPTON, Ph.D. Appointed 1950
WILLIAM GRAHAM ELFORD, Ph.D. Appointed 1950.
DAVID JOHN SUTTON, Ph.D. Appointed 1950.
EDWIN HARRY MEDLIN, Ph.D. Appointed 1951.

Demonstrators:

VICTOR MITCHNIK, B.Sc. (M.I.T.), M.Sc. (Calif.).
COLIN RAYMOND McGEE B.Sc.
ROBERT GEORGE ROPER, B.Sc.

MATHEMATICAL PHYSICS

Professor:

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

Senior Lecturer:

CHARLES ANGAS HURST, B.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed 1957.

Research Fellow:

PHYSICAL AND INORGANIC CHEMISTRY

The Angas Professor:

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

Senior Lecturers:

JAMES MICHAEL CREETH, Ph.D. (Lond.). Appointed 1954.
BRUCE OSWALD WEST, Ph.D. (Adel. and Camb.). Appointed Lecturer, 1950; Senior Lecturer, 1957.

Lecturers:

JACK ROBSON URWIN, Ph.D. Appointed 1951.
ALAN McLEOD SARGESON, Ph.D. (Syd.). Appointed 1955.
STANLEY WALLACE KENNEDY, Ph.D. (Belfast). Appointed 1957.
THOMAS KURUCSEV, Ph.D. Appointed 1958.
THOMAS NORMAN BELL, B.Sc. (Durham), Ph.D. (Camb.). Appointed 1958.

Temporary Lecturer-Demonstrators:

FRANCIS EDWARD TRELOAR, B.Sc.
LAWRENCE WALTER NICHOL, B.Sc.

Demonstrator:

ORGANIC CHEMISTRY

Professor:

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

Reader:

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed Senior Lecturer, 1951; Reader, 1957.

Senior Lecturer:

JOHN WILLIAM CLARK-LEWIS, B.Sc. (Lond.), B.Pharm., Ph.D. (Nott.), F.R.I.C. Appointed 1955.

Lecturers:

GRAHAM ETHELBERG LEWIS, Ph.D. Appointed 1956.
WOLFGANG HERMANN FRITZ SASSE, Ph.D. Appointed 1956.
ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W.A.), D.Phil. (Oxford). Appointed 1958.
KEVIN THOMAS POTTS, M.Sc. (Syd.), D.Phil. (Oxford). Appointed 1958.

I.C.I.A.N.Z. Research Fellow:

ROSS BANKS INMAN, B.Sc.

GEOLOGY AND MINERALOGY

- Professor:**
ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc. 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 Lecturer:**
ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lecturer, 1950.
- Lecturers:**
PAUL SAMUEL HOSSFELD, Ph.D. Appointed Temporary Lecturer, 1951; Lecturer, 1954.
ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed 1958.
JOHN BRETT JONES, B.Sc. (Qsld.). Appointed 1958.
- Lecturer in Mineralogy and Petrology:**
JAMES LAWRENCE TALBOT, B.A. (Camb.). Appointed 1958.
- Demonstrators:**
MARY JULIA WADE, B.Sc.
ELIZABETH MAUD McBRIAR, B.Sc. (Melb.).
KEVIN CHARLES BECK, B.Sc.
- Laboratory Steward:**
HECTOR EDWARD EARL BROCK.

ECONOMIC GEOLOGY

- Professor:**
ERIC AROHA RUDD, A.M. (Harvard), B.Sc. Appointed 1949.

BOTANY

- Professor:**
JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc., F.A.A. Appointed Lecturer, 1927; Professor, 1935.
- Reader in Plant Pathology:**
NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed 1958.
- Senior Lecturers:**
HUGH BRYAN SPENCER WOMERSLEY, Ph.D. Appointed Lecturer, 1946; Senior Lecturer, 1950.
RAYMOND LOUIS SPECHT, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1955.
JAMES PETER REEVE RICHES, M.A., Ph.D. (Camb.). Appointed Lecturer, 1953; Senior Lecturer, 1956.
- Systematic Botanist:**
CONSTANCE MARGARET EARDLEY, M.Sc.
- Demonstrators:**
ELISE MARGARETTA WOLLASTON, A.U.A., B.Sc.
HELENE ALICE MARTIN, B.Sc.
ERICA MARIAN GATES, B.Sc.
MARGARET ELVA JACKMAN, B.Sc.

BIOLOGY

- Lecturers:**
PETER GORDON MARTIN, Ph.D. Appointed 1956.
DEREK ANTHONY DUCKHOUSE, Ph.D. (Lond.). Appointed 1958.
- Demonstrator:**
ESTELLE ANNE SHEPLEY, M.Sc.

ZOOLOGY

- Professor:**
WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D. (Lond.), F.A.A. Appointed 1952.
- 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.
- Lecturer:**
GEOFFREY BRUCE SHARMAN, B.Sc. (Tas.). Appointed 1956.
- Senior Demonstrator:**
LAURA MADELINE ANGEL, M.Sc.
- Demonstrators:**
SYLVIA HILDA ANDERSON, M.Sc.
LEOLA BETH TWIST, B.Sc.

ANIMAL ECOLOGY

- Reader:**
HERBERT GEORGE ANDREWARTHA, D.Sc. Appointed Entomologist, 1936; Senior Entomologist, 1950; Reader, 1955.
- Senior Lecturer:**
THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed Entomologist, 1948; Senior Lecturer, 1955.

Research Fellow:

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

GENETICS**Professor:**

JOHN HENRY BENNETT, B.Sc., M.A. (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.

Demonstrator:

LESLEY HELEN SKINNER, B.Sc.

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:**

SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. (Camb.). Appointed Lecturer, 1927; Professor, 1938.

Reader:**Lecturer:**

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

Temporary Lecturer:

TERRY WOOD, Ph.D. (Lond.). Appointed 1958.

Part-time Lecturer in Agricultural Biochemistry:

IVAN GEORGE JARRETT, M.Sc.

Demonstrator:

GRETEL MARY BATEMAN, B.Sc.

Part-time Tutor:

JOAN BURTON PATON, M.Sc.

ANIMAL PRODUCTS RESEARCH FOUNDATION**Chemist:**

MARY CAMPBELL DAWBARN, M.Sc. Appointed 1927.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

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

Reader:

FRANZ LIPPAY, M.D., D.Jur. (Vienna), D. Sc. Appointed Lecturer, 1939; Reader, 1950.

Reader in Pharmacology:

IVAN STANLEY DE LA LANDE, M.Sc. (Melb.). Appointed 1958.

Senior Lecturers:

DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1955.
ALLAN JOHN DAY, M.Sc., M.B., B.S. Appointed Lecturer, 1954; Senior Lecturer, 1955.

Demonstrators:

BARBARA JOAN DENNIS, B.Sc.
JOHN NEILSON McNALLY, B.Sc.

BACTERIOLOGY**Reader-in-Charge:**

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

Lecturers:

SIBELY JEAN MAY, M.Sc. Appointed 1953.
FRANK MILES COLLINS, M.Sc. Appointed Assistant Lecturer and Demonstrator, 1952; Lecturer, 1954.

Demonstrators:

GORDON ERNEST SCHWAB, B.Sc.
JOHN WILHELM MAY, M.Sc.
LEONARD RAYMOND BULLAS, M.Sc.

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 (Budapest). 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.

Lecturer:

DONALD HENRY TYLER, B.E. Appointed 1953.

MINING, METALLURGICAL AND CHEMICAL ENGINEERING**Professor, and Director of the Bonython Laboratories:**

EDGAR GLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.), F.R.I.C.
Appointed 1947.

Reader in Mining Engineering:

JOHN PHILIP MORGAN, B.E., A.S.T.C. (Mining). Appointed 1950.

Reader in Chemical Engineering:

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

Lecturer in Chemical Engineering:

THOMAS OLIVER PENMAN, B.Sc. (Eng.) (London). Appointed 1955.

MECHANICAL ENGINEERING**Professor:**

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

Reader:

RONALD GEORGE BARDEN, B.Sc. (Lond.), Ph.D. Appointed Senior Lecturer,
1952; Reader, 1958.

Senior Lecturer:

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

Lecturers:

JAMES HENRY FOWLER, B.E. Appointed 1956.
DOUGLAS HECTOR NORRIE, B.E. (N.Z.). Appointed 1957.

Honorary Lecturer (and Head of the Department of Mechanical Engineering in the School of Mines):

WALTER HERMAN SCHNEIDER, M.E.

Part-time Lecturer in Industrial Engineering:

DAVID LLEWELLYN ELIX, B.E. Appointed 1954.

ELECTRICAL ENGINEERING**Professor:**

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

Senior Lecturers:

GEORGE ELLESWORTH, B.Sc. (Eng.) (Lond.). Appointed 1955.
GORDON ALBERT ROSE, B.E. Appointed 1958.
STEPHEN DIMOV KANEFF, Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.

Lecturer:

DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed 1952.

Part-time Lecturer:

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

ARCHITECTURE**Professor:**

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

Senior Lecturers:

HERBERT NEVILLE HOSKINGS, Dip.Arch., A.R.I.B.A. Appointed 1957.
JAMES DERRICK KENDRICK, B.Sc. (Tech.) (Manc.). Appointed 1958.

SCHOOL OF TECHNOLOGY**ARCHITECTURE**

GAVIN WALKLEY, M.A., M.Litt(Cantab.), B.E., F.S.A.S.M., F.R.A.I.A. (Head of
Department).

KEVIN TERENCE FOX, B.Arch.(Dublin).
CHARLES BREARLEY MOSS, A.R.I.B.A., A.R.A.I.A.
DEREK ANTHONY DE-GREEFF ABBOTT, A.R.I.B.A., A.A.Dipl.
MARIE PAULINE MOSS, A.R.I.B.A.

CIVIL ENGINEERING

FREDERICK ARTHUR HAAS, Dip.Ing. (Head of Department).
DONALD CHARLES CANTY, L.S.

ELECTRICAL ENGINEERING

WILSON GORDON FORTE, B.E. (Head of Department).
STEPHEN JOHN SEKAY, Dip.Elect.Eng.(Budapest), A.S.T.C.

ELECTRONIC ENGINEERING

DAVID WILLIAM COX, B.Sc.

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. (Physics).
 HAROLD EDGAR MANSBRIDGE, B.Sc. (Mathematics).
 ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).
 JOHN ARTHUR WESTPHALEN, B.Sc. (Physics).

MECHANICAL ENGINEERING

WALTER HERMAN SCHNEIDER, M.E., B.Com. (Head of Department).
 REGINALD ERNEST BUTTON, B.E., F.S.A.S.M. (Refrigeration).
 GEOFFREY JOHN SAUNDERS, A.S.A.S.M. (Machine Design).
 DONALD MAXWELL CALDECOTT, A.S.A.S.M. (Engineering Drawing and Design).

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

PROFESSOR EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.)
 (Head of Department and Director of the Bonython Laboratories).
 ERIC WILLIAM HUGHES, A.R.S.M., A.S.A.S.M., F.R.A.C.I. (Deputy Head).
 DUGALD HAUGHTON SLEE, B.A., B.Sc. (Chemistry).
 ROY VERNON CULVER, B.Sc., Ph.D., A.S.A.S.M. (Applied Chemistry).
 WILLIAM THOMAS DENHOLM, B.Met.E., M.Eng.Sc. (Physical Metallurgy).
 MALCOLM HILL, B.E., F.S.A.S.M. (Mineral Dressing).
 REGINALD EDWARD UNDERDOWN, B.Sc., A.S.A.S.M. (Industrial Instrumentation).
 FRANTISEK VNUK, B.Sc., A.S.A.S.M. (Physical Metallurgy).
 HARRY WATTS, B.Sc., Ph.D. (Applied Physical Chemistry).

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.

Reader:

ARTHUR DUDLEY PACKER, M.Sc., M.D. Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1954.

Senior Lecturer:

THOMAS MURPHY, L.R.C.P. and S. (Edin.), M.Sc. Appointed Lecturer, 1952; Senior Lecturer, 1956.

Lecturers:

ROBERT ANGUS BARBOUR, M.B., B.S. Appointed 1956.
 ISOBEL ETHEL SPEED, M.B., B.S. Appointed 1958.

Lecturer in Histology:

LORNA MARY ALEXANDRA GREEN, B.A., B.Sc. Appointed 1952.

Part-time Lecturer:**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). Appointed 1949.

Reader:

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

Senior Lecturer in Forensic Pathology:

PHILIP RICHARD HODGE, M.B., B.S. Appointed 1958.

Lecturers:

KEITH DOUGLAS MURRAY, M.B., B.S. (Syd.). Appointed 1957.
 REGINALD KENNETH PAK POY, M.B., B.S. Appointed Temporary Lecturer, 1956; Lecturer, 1957.

Temporary Lecturer:

ALLEN GEOFFREY COLLINS, M.B., B.S. Appointed 1958.

ANTI-CANCER COMMITTEE**Chairman and Hon. Radiotherapist:**

BERTRAM SPEAKMAN HANSON, M.B., B.S.

Deputy Chairman and Senior Hon. Assistant Radiotherapist:

COLIN MARSHALL GURNER, M.B., B.S.

Registrars to the Radiotherapy Clinic:

DOROTHEA SMITH HEITMAN, M.B., B.S.
 PIROSKA MAGDOLNA LIGETI, M.B., B.S.
 ELMA SANDFORD MORGAN, M.B., B.S.

Senior Physicist for Hospital Services:
BOYCE WILSON WORTHLEY, B.A., M.Sc. Appointed 1942.

Physicists:
MERVYN JOHN TOOZE, B.Sc. Appointed 1948.
MURRAY HAROLD PARKER, M.Sc. Appointed 1957.

Assistant Physicist:
JOAN CRANE, B.Sc. Appointed 1954.

AGRICULTURAL SCIENCE

See under Waite Agricultural Research Institute.

LAW

The Bonython Professor:
NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (London). Appointed 1958.

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

Senior Lecturers:
ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chicago). Appointed 1958.
LEO CHARLES LYNTON BLAIR, B.L. (Edin.). Appointed 1958.

Part-time Lecturers:
In the Law of Property:
WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxford), LL.B. Appointed 1954.
In the Law of Equity and Conveyancing:
BRIAN OSWALD HUNTER, LL.B.
In Mercantile Law:
EARNEST PHILLIPS, Q.C., LL.B. Appointed 1938.
In the Law relating to Companies, Partnership, Bankruptcy, and Divorce:
LOUIS ARNOLD WHITINGTON, LL.B. Appointed 1938.
In the Law of Evidence and Procedure:
ELWYN BEWELL SCARFE, LL.B.
In Constitutional Law II:
HOWARD EDGAR ZELLING, LL.B.
In the Law of Torts:
JAMES MICHAEL WHITE, LL.B.
In Criminal Law:
WILLIAM EDWARD STANLEY FORSTER, LL.B.
In Legal Ethics:
JOHN NEIL McEWIN, LL.B. Appointed 1953.
In Legal History:
JOHN JEFFERSON BRAY, LL.D.

MUSIC

The Elder Professor:
JOHN BISHOP, O.B.E., F.R.C.M. Appointed 1948.

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

Lecturers:
JACK VERNON PETERS, B.Mus. (N.Z. and Dun.), A.D.C.M., F.R.C.O. (Chm.), F.T.C.L. Appointed 1954.
HAROLD FAIRHURST. Appointed 1953.

MEDICINE AND SURGERY

The Professors of Anatomy, Bacteriology, Biochemistry, Botany, Chemistry, Experimental Medicine, Pathology, Physics, Physiology, and Zoology.

STUDIES IN HUMANITIES FOR MEDICAL STUDENTS

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

DIVISION OF MEDICAL STUDIES

Professor of Medicine:
HUGH NORWOOD ROBSON, M.B., B.S. (Edin.), F.R.C.P. (Edin.). Appointed 1953.

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

Half-time Senior Lecturer in Medicine:
HUGH ROBERT GILMORE, M.B., B.S., M.R.C.P. Appointed 1954.

Part-time Lecturers:**In Medicine:**

MELVILLE ERNEST CHINNER, M.D., M.R.C.P., F.R.A.C.P. Appointed 1955.
 JOSIAH MARK BONNIN, M.D., M.R.C.P. Appointed 1957.
 CHRISTOPHER BAGOT SANGSTER, M.D., M.R.C.P. Appointed 1958.

In Psychological Medicine:

HARRY MILTON SOUTHWOOD, M.D. Appointed 1949.

In Pulmonary Tuberculosis:

PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M. and H. (Syd.), M.R.A.C.P.,
 Appointed 1951.

In Medical Diseases of Children:

MALCOLM TURNER COCKBURN, M.D., F.R.A.C.P. Appointed 1954.

Part-time Tutors:**In Medicine:**

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
 ROBERT STIRLING COLTON, M.B., B.S.
 DAVID EVERSON DUNN, M.B., B.S.
 ALLAN KERR GRANT, M.B., B.S.
 ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H.
 DENE ALAN HICKS, M.B., B.S.

In Infectious Diseases:

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
 ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H.

In Medical Pediatrics at Adelaide Children's Hospital:

JOHN SELBY COVERNTON, M.D., M.R.A.C.P.
 HENRY GEORGE RISCHBIETH, M.B.B.S., D.C.H. (Melb.), M.R.A.C.P.

In Clinical Psychiatry:

JOHN EWART CAWTE, M.B., B.S. (Honorary).

Full-time Assistant to the Professor:

IAN JAMES FORBES, M.B., B.S.

Michell Research Worker:**Research Fellow:**

JAMES ROLAND LAWRENCE, M.B., B.S.

DIVISION OF SURGICAL STUDIES

Professor of Surgery:

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

Part-time Director:

ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1954.

Part-time Lecturers:**In Surgery:**

JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.
 ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.). Appointed 1952.
 ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. Appointed 1952.

In Ophthalmic Surgery (Dr. Charles Gosse Lecturer):

THOMAS LESLIE McLARTY, M.D., D.O.M.S. Appointed 1954.

In Diseases of the Ear, Nose and Throat:

ROBERT McMAHON GLYNN, M.B., B.S., F.R.C.S. (Edin.). Appointed 1947.

In Surgical Diseases of Children:

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

In Anaesthetics:

ALLAN DUNSTAN LAMPHEE, M.B., B.S., M.R.C.P. Appointed 1947.

Part-time Tutors:**In Surgery and Applied Anatomy:**

DONALD DOUGLAS BEARD, M.B., B.S., F.R.C.S.
 ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S.
 RONALD HUNTER, M.B., B.S.
 DONALD STUART KIDD, M.B., B.S., F.R.C.S., F.R.A.C.S.
 OLIVER WESTWOOD LEITCH, M.B., M.S., F.R.A.C.S.
 DONALD BARTON McLEAY, M.B., B.S., F.R.A.C.S.
 JOHN PEARCE MADDERN, M.B., B.S., F.R.C.S., F.R.A.C.S.
 JOHN ALEXANDER O'BRIEN, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 MARK YEATMAN SHEPPARD, M.B., B.S., F.R.C.S., F.R.A.C.S.
 MERVYN KEITH SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S.
 BARTON FREDERICK VENNEN, M.B., M.S., F.R.C.S., F.R.A.C.S.
 CHARLES GRAHAM WILSON, 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.

Teaching Registrar in Surgery:

RICHARD CLAYTON BENNETT, M.B., B.S.

Part-time Assistant to the Director:

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 in Obstetrics:

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

Senior Lecturer in Obstetrics:

VICTOR BOCKNER, L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.R.C.O.G. Appointed
1955.

OTHER PART-TIME OFFICERS

Dr. Edward Willis Way Lecturer in Gynaecology:

HENRY EDWARD PELLEW, M.B., B.S., M.R.C.O.G. (Lond). Appointed 1953.

Part-time Tutors in Gynaecology:

ALFRED DUDLEY BYRNE, M.B., B.S., M.R.C.O.G.
RONALD MacKENZIE MacINTOSH, M.B., B.S., F.R.A.C.S., D.G.O., M.R.C.O.G.

Part-time Tutors in Clinical Obstetrics:

At The Queen Elizabeth Hospital:

WILBUR FRANCIS JOYNT, M.B., B.S. (Melb.), D.G.O. (Trinity), L.M. (Rotunda),
M.R.C.O.G. (Lond.).

At The Queen Victoria Maternity Hospital:

FREIDA RUTH HEIGHWAY, M.D., B.S. (Syd.), M.R.C.O.G.

Part-time Tutors in Pediatrics:

At The Queen Elizabeth Hospital:

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

At The Queen Victoria Maternity Hospital:

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

Part-time Tutor in Mothercraft:

DAVID NOEL MORTON FEARON, M.B., B.S. (Melb.),

Lecturer in Public Health and Preventive Medicine:

ALBERT RAY SOUTHWOOD, C.M.G., M.D., M.S., M.R.C.P. Appointed 1938.

Demonstrators in Public Health and Preventive Medicine:

HARRY FENWICK HUSTLER, M.B., B.S., D.P.H.
GEORGE HUGH McQUEEN, M.B., B.S., D.T.M., D.P.H. (Syd.).

Tutor in Radiology:

MARTIN DESMOND BEGLEY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), F.F.R.

DENTISTRY

The Professors of Anatomy, Bacteriology, Biochemistry, Chemistry, Pathology,
Physics, Physiology, and Zoology.

Professor of Dental Science:

THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc. Appointed Director of Dental
Studies, 1949; Professor, 1954.

Senior Part-time Tutor:

JOHN LEONARD EUSTACE, B.D.S. Appointed 1948.

PROSTHETIC DENTISTRY

Reader:

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

Part-time Lecturer:

HURTLE THOMAS JACK EDWARDS, D.D.Sc. Appointed 1929.

Part-time Assistant Lecturer:

KENNETH JAMES ROBERTSON, M.D.S.

Part-time Tutors:

ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.

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

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

KENNETH JAMES ROBERTSON, M.D.S.

ROBERT ANTHONY STANTON, B.D.S. Appointed 1956.

Part-time Demonstrators:

KEVIN READING MOORE, B.D.S.

REUBEN JOHN MYHILL, B.D.S. Appointed 1956.

CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1954.

BRUCE GOODMAN WARK, B.D.S. Appointed 1955.

CONSERVATIVE DENTISTRY

Part-time Lecturer:

GORDON ORD LAWRENCE, D.D.Sc. Appointed 1939.

Part-time Instructor:

GORDON ORD LAWRENCE, D.D.Sc. Appointed 1947.

Part-time Tutors:

HAROLD VERNON CLARKE, B.D.S. Appointed 1949.
 BRIAN CORRELL CRISP, B.D.S. Appointed 1949.
 HUGH DALEY KENNARE, B.D.S. Appointed 1956.
 JOHN FREDERIC LAVIS, B.D.S. Appointed 1949.
 GLENN MILLHOUSE, B.D.S. Appointed 1952.
 GRAHAM MOUNT, B.D.S. (Syd.). Appointed 1952.
 PHILIP MURDOCH WESSLINK, B.D.S. (Sydney). Appointed 1947.
 ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1947.

Part-time Tutor in Children's Operative Dentistry:

WESLEY MELVYN TILLER MARSHMAN, B.D.S. Appointed 1949.

Part-time Demonstrators:

JOHN FRANCIS BURROW, B.D.S. Appointed 1955.
 REGINALD FRANK HARRINGTON, B.D.S. Appointed 1957.

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

MALCOLM STEWART JOYNER, B.D.S. Appointed 1936.

Part-time Tutor:

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed Demonstrator, 1940; Tutor, 1957.

Part-time Demonstrator:

ERIC DESMOND MORGAN, B.D.S. Appointed 1949.

DENTAL ANATOMY**Part-time Demonstrator:**

KEVIN READING MOORE, B.D.S. Appointed 1958.

DENTAL SURGERY AND PATHOLOGY**Reader:**

JAMES ALEXANDER CRAN, M.D.S. Appointed Lecturer, 1953; Reader, 1954.

Part-time Tutor:

JOHN LEONARD EUSTACE, B.D.S. Appointed 1951.

ORTHODONTICS**Part-time Lecturer:**

PERCY RAYMOND BEGG, D.D.Sc. Appointed 1926.

Part-time Demonstrator:

PERCY RAYMOND BEGG, D.D.Sc. Appointed 1926.

PERIODONTICS**Temporary Lecturer:**

PETER CLARENCE READE, B.D.S., F.D.S.R.C.S. (Eng.).

PART-TIME LECTURERS**Dental Metallurgy:**

FRANTISEK VNUK, B.A., B.Sc. Appointed 1956.

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:

JOHN LEONARD EUSTACE, B.D.S. Appointed 1929.

Dental Public Health and Services:**Children's Dentistry:**

WESLEY MELVYN TILLER MARSHMAN, B.D.S. Appointed 1951.

PART-TIME ASSISTANT LECTURER**Dental Materia Medica and Therapeutics:**

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1956.

PART-TIME INSTRUCTOR**Anaesthetics:**

FRIEDRICH BERTHOLD LEDITSCHKE, M.B., B.S. Appointed 1954.

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:

DONALD BARTON McLEAY, M.B., B.S. Appointed 1954.

PHARMACY

Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:

EDWARD FRANCIS LIPSHAM, Ph.C. Appointed 1932.

Lecturers on Pharmacy:

RONALD ALEXANDER ANDERSON, B.Sc., A.U.A. Appointed 1956.

ROBERT HEATON BILLING, A.U.A. Appointed 1958.

Part-time Lecturers:

In Forensic Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A.

In Commercial Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A.

PHYSIOTHERAPY

Lecturer-in-Charge:

ELMA GERTRUDE CASELY, T.M.M.G. Appointed 1946.

Part-time Lecturers:

In Physics of Medical Electricity:

ROY STANLEY BURDON, D.Sc., F.Inst.P.

In Medical Electricity:

HONOR WILSON

In Muscle Re-education:

MARY KELL FINNIS

In Pathology:

ROBERT MEADOWS, M.B., Ch. B. (Acting for 1958).

Part-time Tutors:

In Practical Medical Electricity:

HONOR WILSON.

CLARE ANNE HANNAFORD, 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 DAVISON

THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Director:

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

AGRICULTURAL CHEMISTRY

Waite Professor of Agricultural Chemistry and Head of the Department:

ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A. Appointed 1957.

Readers:

Soil Science:

JAMES PATRICK QUIRK, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed 1956.

Virus Chemistry:

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

Senior Lecturers:

Protein Chemistry:

DAVID HUGO SIMMONDS, Ph.D. (Lond.), M.Sc. Appointed 1958.

Soil Science:

ALISON ADELE MILLERD, Ph.D. (Syd.). Appointed 1958.

Lecturers:

Enzyme Chemistry:

MAURICE RAYMOND ATKINSON, Ph.D. (Tas.). Appointed 1957.

Virus Chemistry:

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

Soil Chemistry:

DAVID GRAY LEWIS, M.Sc. Appointed 1951.

Physical Chemistry:

JOHN HEWLETT COATES, B.Sc. (Nott.), Ph.D. (Special Research Fellow). Appointed 1957.

Analyst:

ALLEN CHARLES JENNINGS, B.Sc. (Syd.). Appointed 1956.

AGRONOMY

Waite Professor of Agriculture and Head of the Department:

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

Senior Lecturers:

Plant Breeding and Genetics:

KEITH WARREN FINLAY, Ph.D. (W.A.). Appointed 1955.

Agronomy:

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

Senior Lecturer, 1953.

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

Senior Lecturer, 1958.

Agrostology:

HAROLD VICTOR JENKINS, B.Sc.Agr. (Syd.). Appointed 1957.

Arid Zone Research:

(Mortlock Fellow).

Lecturers:

Botany:

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

Agronomy:

RICHARD JAMES MILLINGTON, M.Sc. (Syd.), Ph.D. Appointed 1952.

JAMES KELVIN POWRIE, B.Sc.Agr. (W.A.), M.Sc. Appointed 1958.

Plant Breeding and Genetics:

RONALD KNIGHT, B.Sc. (Lond.), Dip.Agr.Sc. (Camb.), Dip. Trop. Ag. (I.C.T.A.). Appointed 1955.

Cytology:

KARLIS ABELE, M.A. (Riga), Ph.D. (Marburg and Tartu). Appointed 1949.

Agrostology:

JAMES HENRY SILSBURY, B.Sc.Agr. (W.A.). Appointed 1956.

Animal Production:

WILLIAM GEORGE ALLDEN, M.A. (Camb.). (Wool Research Fund). Appointed 1956.

ENTOMOLOGY

Reader, and Head of Department:

DUNCAN CAMPBELL SWAN, M.Sc. Appointed Lecturer, 1931; Senior Lecturer, 1946; Reader, 1955.

Senior Lecturer:

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

Lecturers:

BRUCE JOHNSON, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed 1955.

KEITH MURRAY DOULL, M.Agr.Sc. (N.Z.). Appointed 1955.

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

PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed 1957.

LINDSAY DINHAM CRAWFORD, B.Sc. (Tas.). (Wool Research Fund). Appointed 1957.

DOUGLAS JOHN TAYLOR, B.Sc. (Wales), Dip.Agr.Sc. (Camb.), Dip.Trop.Agr. (Trin.). (Wool Research Fund). Appointed 1957.

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 Lecturer:

Microbiology:

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

Lecturers:

Plant Pathology:

ALLEN KERR, B.Sc. (Edin.), Ph.D. Appointed 1951.

NEIL CLARENCE CROWLEY, B.Sc.Agr. (Syd.), Ph.D. Appointed 1951.

MAURICE VERNON CARTER, M.Agr.Sc. Appointed Research Officer, 1953; Lecturer, 1956.

Nematology:

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

PLANT PHYSIOLOGY

Senior Lecturer, and Head of the Department:

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

Lecturers:

Plant Physiology:

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

LESLIE PALEG, Ph.D. (Iowa). Appointed 1957.

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

Horticulture:

GORDON ROBERT EDWARDS, M.Sc. (Calif.), B.Ag.Sc. Appointed 1957.

OTHER OFFICERS

- Statistician:**
ARTHUR FREDERICK JENKINSON, M.A. (Camb.). Appointed 1956.
- 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.

THE ELDER CONSERVATORIUM OF MUSIC

- Director:**
PROFESSOR JOHN BISHOP, O.B.E., F.R.C.M.
- Teachers of 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.).
GEORGE PEARCE, A.R.A.M.
ENID WILLIAMS.
- Teachers of Organ:**
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
JACK VERNON PETERS, B.Mus. (N.Z. and Dur.), F.R.C.O.
- Teachers of Singing:**
HILDA BEATRICE GILL, A.U.A.
BARBARA HOWARD.
MAX WORTHLEY.
RICHARD WATSON.
- Teachers of Violin:**
LLOYD DAVIES.
HAROLD FAIRHURST.
- Teacher of Violoncello:**
RADOSLAV BERNARD VOCADLO, L.R.A.M.
- Teachers of Flute:**
DAVID CUBBIN.
KEITH YELLAND.
- Teacher of Oboe:**
NOEL POST.
- Teachers of Clarinet:**
ARNOLD BLAYLOCK.
CLEVE MARTIN.
- Teacher of Bassoon:**
JOHN GEORGE GOOD.
- Teacher of French Horn:**
STAN FRY.
- Teacher of Trumpet:**
LEONARD TAYLOR.
- Teacher of Percussion:**
RICHARD SMITH.
- Teacher of Harp:**
HUW JONES.
- Teacher of Double Bass:**
ARTHUR BONE.
- Teachers of Ensemble Playing and Orchestral Class:**
LLOYD DAVIES.
HAROLD FAIRHURST.
JOHN GEORGE GOOD.
- Teachers of Opera:**
BARBARA HOWARD.
MAX WORTHLEY.
- Teacher of Art of Speech:**
FRANK JOHNSTON.
- Teacher of Theory:**
LLOYD WINSTON VICK, Mus.Bac.

Teacher of Aural Culture and Musical Appreciation:

ALISON HOLDER, Mus.Bac.

Accompanists:ALLISON HOLDER, Mus.Bac.
DOROTHY OLDHAM, A.U.A.
MARGARET MACPHERSON.
EDITH WORTHLEY.**Teacher for Accompanying Class:**

ENID WILLIAMS.

Teacher of the Junior Orchestra:

HAROLD FAIRHURST.

Teacher of Italian:

GEORGE MASERO.

Teacher of German:

EDITH DUBSKY.

Teacher of French:

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

Administrative Assistant:

JOHN LEONARD PORTER.

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.

VICE-CHANCELLORSTHE 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 Chan-
cellor 1942.THE HONOURABLE SIR HERBERT ANGAS PARSONS, Kt., 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, Kt., LL.B., 1927-1945.

TREASURER

THE HON. SIR HENRY AYERS, G.C.M.G., 1874-1886.

The finances have since been managed by a Committee on a system prepared by the Treasurer.

CHAIRMEN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.

THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1894-1896.

THE VICE-CHANCELLOR, 1897-1904.

SAMUEL JOSHUA JACOBS, J.P., 1905-1912.

SIR GEORGE BROOKMAN, K.B.E., 1913-1926.

SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.

SIR WILLIAM GEORGE TOOP GOODMAN, Kt., M.I.C.E., M.I.E.E., M.I.E. (Aust.), 1936-
1953.

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., 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, Kt., M.A. (Oxon. and Liv.), Litt.D. (Melb.), 1922-1930.
 JOHN INNES MACKINTOSH STEWART, M.A. (Oxon.), 1935-1945.
 CHARLES RISCHBIETH JURY, M.A. (Oxon.), 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. (Oxon.), 1926-1933.

Political Science and History:

GARNET VERE PORTUS, M.A., B.Litt. (Oxon.), 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.

Physics:

SIR KERR GRANT, M.Sc. (Melb.), F.Inst.P.; Acting Professor, 1909-1910; Professor, 1911-1948 (Emeritus, 1949).

Chemistry:

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

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, Kt., 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.

Zoology:

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

Biochemistry and General Physiology:

THORBURN BRAILSFORD ROBERTSON, Ph.D. (Cal.), D.Sc. (Adel.), 1919-1930.
 SIR CHARLES JAMES MARTIN, Kt., C.M.G., D.Sc. (Lond.), F.R.C.P., F.R.S., 1931-1933.

Physiology:

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

Human Physiology and Pharmacology:

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Bacteriology:

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Agricultural Chemistry:

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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, Kt., C.M.G., M.A., B.C.E. (Melb.), M.I.E. (Aust.); Lecturer, 1888-1908; 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., B.Sc., 1938-1945.

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. (Victoria, Manchester). 1920-1925.
 ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.
 RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), 1950-1957.

Anatomy

ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).
 FREDERIC WOOD JONES, M.B., B.S., M.R.C.S., L.R.C.P., D.Sc. (Lond.), F.R.S., 1920-1926.
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 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:

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Experimental Medicine:

EDWARD WESTON HURST, M.D., D.Sc. (Birm.), F.R.C.P. (Lond.), 1938-1943.
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Music:

JOSHUA IVES, Mus. Bac. (Camb.), 1884-1901.
 JOHN MATTHEW ENNIS, Mus. Doc. (Lond.), 1902-1918.
 EDWARD HAROLD DAVIES, Mus. Doc., F.R.C.M., 1919-1947.

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Vacant.

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T. A. R. DINNING, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
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B. S. HANSON, M.B., B.S. (Adel.), F.C.R.A.
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- 1880: Public Subscriptions—£500 to found scholarships in English Literature in memory of John Howard Clark.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1883-1947: Public Subscriptions—£613 for prizes and a scholarship in memory of Mr. Justice Stow.
- 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 }
1884: Literary Societies' Union—£220 } to found evening classes.
- 1886: Public Subscriptions—£800 } to found a lectureship in Ophthalmic Surgery
1916: Public Subscriptions—£325 } in memory of Dr. Chas. Gosse.
- 1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.
- 1890: W. Everard—£1,000 to found a scholarship in Medicine.
- 1890: St. Alban Lodge of Free and Accepted Masons—£150 to found the St. Alban Scholarship.
- 1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).
- 1895: Public Subscriptions—£160 to found a scholarship in memory of the Rev. W. Roby Fletcher.
- 1896: Mrs. Davies Thomas—£400 } to found scholarships in memory of Dr. John
1934: Mrs. Davies Thomas—£200 } Davies Thomas.
- 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.
- 1898: Public Subscriptions—£600 to found studentships in memory of John Anderson Hartley.
- 1900: His Excellency Lord Tennyson—£100 to provide medals for English Literature at the public examinations.
- 1900: Trustees of Robert Whinham Fund—£84 to found a prize in Elocution.
- 1902: Public Subscriptions—£473 to found a lectureship in Gynaecology in memory of Dr. Edward Willis Way.
- 1902: Public Subscriptions—£60 to provide a medal for geological work in memory of Professor Ralph Tate.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray, K.C., B.A., LL.B.—£1,000 to found the Tinline Scholarships in History.
- 1907: Miss Julia Stuckey—£500 for the encouragement of the study of Botany.
- 1907-9: Miss E. M. Bunday, Mus. Bac.—£3 for the encouragement of the study of Botany.

- 1908: David Murray—£2,000 to found scholarships.
- 1908: R. Barr Smith—£ 150 to found a prize in Greek.
- 1908: Private Subscriptions—£115 to found a prize in Latin in memory of Andrew Scott, B.A.
- 1912: Mrs. John Bagot—£500 to found a scholarship and medal in Botany, in memory of John Bagot.
- 1912: Miss E. M. Bunday, Mus. Bac.—£200 to found an annual prize for English verse, in memory of Sir Henry and Lady Bunday.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 1914: The Public Schools Decoration and Floral Societies—£ 255 to found a prize at the Elder Conservatorium in memory of Alexander Clark.
- 1914: Anonymous Donor—£100 to found a prize in medicine in memory of Lord Lister.
- 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 funds to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915: J. Harvey Finlayson—£200 to found a scholarship in political economy or cognate subject in memory of John Lorenzo Young.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1915: Sir Edwin Smith—£500 to found a scholarship in memory of his grandson, Eric Wilkes Smith.
- 1915: The S.A. Commercial Travellers' Association—£100 to found a bursary in memory of Archibald Mackie.
- 1916-22: Sir S. J. Way—£1,277 for general purposes.
- 1917: Public Subscriptions—£740 to found scholarships in memory of Eugene Alderman.
- 1918: Mrs. A. M. Simpson—£500 to provide a library in aeronautics in memory of her husband, Alfred Muller Simpson.
- 1919: Miss E. M. Bunday, Mus. Bac.—£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 North Adelaide Congregational Church—Subscriptions—£ 50 to provide a medal in memory of the Rev. Dr. Jefferis.
- 1920: The Hon. Sir George Murray, K.C.M.G.—£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.
- 1921: Old Scholars of Tormore House School—£130 to found an annual prize in memory of the School.
- 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).

- 1922: Old scholars of Miss Martin's School—£150 to found annual prizes in memory of Annie Montgomerie Martin.
- 1923: The Adelaide Co-operative Society—£150 to found a bursary in memory of George Thompson.
- 1923: T. E. Barr Smith—£100 to found an annual prize for an essay on the work of the League of Nations.
- 1924: Mrs. Agnes Ayers—£500 for general purposes.
- 1924: Old Scholars of the Methodist Ladies' College—£100
- 1924: Public Subscriptions—£650
- 1924: James Gartrell—£200 to found an annual prize in Comparative Philology.
- 1925: Old Scholars of Unley Park School—£450 to found a bursary in memory of Catherine Maria Thornber.
- 1926: The Hon. Sir Langdon Bonython, K.C.M.G.—£20,000 to endow the chair of Law.
- 1926: The Hon. Sir Josiah Symon, K.C.M.G., K.C.—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco, Kt.—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: J. T. Mortlock—£2,000 to help the Council in equipping the Waite Agricultural Research Institute.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
- 1926: Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£452 to establish Keith Sheridan prizes in the medical school.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927: M. L. Mitchell—£50 for the Barr Smith Library.
- 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.
- 1929-54: The Commonwealth Bank of Australia—£14,010 for plant culture houses, an insectary, and a cool house at the Waite Agricultural Research Institute.
- 1930-4: The Hon. Sir Langdon Bonython, K.C.M.G.—£52,329 for a Great Hall.
- 1930-7: Public Subscriptions—£872 for the purposes of the South Australian Orchestra.
- 1930: Public Subscriptions—£317 to found a research scholarship in memory of Professor E. H. Rennie.
- 1931: Public Subscriptions—£67 for the purchase of books to commemorate Kate Helen Weston's connection with the Elder Conservatorium.
- 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.
- 1933: R. W. Bennett—£500 to found prizes in the Faculty of Law.
- 1933: The League of the Empire and the Old Scholars of the Advanced School for Girls—£200 to found a prize in French, in memory of Miss M. Rees George.
- 1934: Hardwicke College Old Collegians—£100 to found a prize in Botany.
- 1935: Public Subscriptions—£170 to found a prize in honour of Professor Archibald Watson.
- 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, K.C.M.G., 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, K.C.M.G.—£20,000 to endow the chair of Bio-chemistry.
 1937-55: Sir T. G. Wilson—£2,500 to found a travelling scholarship in obstetrics.
 1937: Public Subscriptions—£311 to found a scholarship in honour of Professor Sir Robert Chapman.
 1937: Way College Old Boys' Association—£200 to found a prize and medal in memory of Way College.
 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, K.C.M.G.—£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.
 1940: S. Russell Booth—£500 to found a prize in memory of Anna Florence Booth (increased to £750 in 1957 by the capitalisation of accumulated income).
 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.
 1941: Adelaide University Engineering Society—£100 to found a prize in memory of R. A. Lokan.
 1942: Hugh Hughes—£36,005 (estimate) for pastoral research.
 1942: Sir George Murray—£86,767 (estimate) for general purposes.
 1943: The Broken Hill Proprietary Co. Ltd.—£15,000 to endow the Chair in Mining and Metallurgy.
 1943: The Broken Hill Proprietary Co. Ltd.—£5,000
 The Hon. E. W. Holden, M.L.C.—£5,000
 General Motors-Holden's Ltd.—£5,000
 The Adelaide Electric Supply Co. Ltd.—£5,000
 Richards Industries Ltd.—£2,000
 British Tube Mills (Aust.) Pty. Ltd.—£2,000
 Kelvinator Australia Ltd.—£1,000
 1943: Mr. and Mrs. S. H. Skipper—£150 to found a prize in memory of their son, Capt. J. W. Skipper.
 1943: Jake Grinberg—£100 for cancer research.
 1944: Miss Sarah Barrans—£3,000 to found a scholarship for research in geological or metallurgical science, in memory of James Barrans.
 1944: Past Pupils of Knightsbridge School—£500 to found a prize in memory of Mrs. Edith Hubbe and Miss Harriet Cook.
 1944: John Jenkins—£5,000 to found scholarships, preferably in the agricultural, domestic and social sciences.
 1946: The Hon. Sir Herbert Angas Parsons—£900 for such purpose as the Council should decide.
 1946: E. F. Hern—£990 for cancer research.
 1946: Mr. W. H. Bagot—£500 to found a prize in memory of his mother.
 1947: The Broken Hill Proprietary Co. Ltd.—£10,000
 Broken Hill South Ltd.—£10,000
 North Broken Hill Ltd.—£17,500
 Zinc Corporation Ltd.—£10,000
 New Broken Hill Consolidated Ltd.—£2,500
 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.
 1947: Public Subscriptions—£256 to found a prize and library in French in memory of Violet de Mole; and in 1952 £200 from Miss A. E. de Mole and Miss M. I. de Mole for supplementing the foregoing fund.

} towards the building and equipping of an Institute of Medical Science.

} for Chairs in Mechanical and Electrical Engineering.

} subsequently increased by capitalisation of £2,195 income; to found a chair in Economic and Mining Geology.

- 1947: Rev. R. B. Cornish—£250 to found a prize in Botany in memory of Elsie Marion Cornish.
- 1948: Mrs. Julie Sack—£733 to found scholarships at the Elder Conservatorium in memory of Franz and Catherine Anders and of Gustav Reimers (increased in 1954 by capitalisation of £27 accumulated income).
- 1948: The Misses Ruth and Alfreda Bedford—£500 on behalf of their sister, Sylvia Bedford, to found a scholarship in memory of Sir Archibald Strong.
- 1948: F. W. H. Wheadon—£4,250 for the University Observatory.
- 1949: Clarice V. Crocombe—£3721 for the purposes of the Anti-Cancer Committee.
- 1949: Robert T. Melrose—£2,291 for the purposes of the Anti-Cancer Committee.
- 1949: Public Subscriptions—£500 to found a scholarship for Organ in memory of Professor E. Harold Davies.
- 1949: Miss Gladys Lloyd Thomas—£500 to found a scholarship for Violin.
- 1949: Private Subscriptions—£130 to found a prize in honour of Professor J. B. Cleland.
- 1950: From the estate of the late W. H. Sandland—£17,225 for the purposes of the Waite Agricultural Research Institute.
- 1950: Mrs. F. M. Pontt—£200 to found a prize for Private International Law in memory of her father, Thomas Gepp.
- 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.
- 1951: Mrs. Guli Magarey—£1,000 to support two scholarships in Singing.
- 1951: A. J. N. S. Campbell—£500 to found a prize in Biochemistry in memory of Christopher and John Campbell.
- 1951: Miss Amylis I. Laffer—£400 to found a prize in History in memory of Natalia Davies.
- 1951: Dr. F. S. Hone—£100 to found a prize in Public Health and Preventive Medicine in memory of Thomas L. Borthwick.
- 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.
- 1952: Public Subscriptions—£600 to found the Frederick Bevan Scholarship for singing.
- 1952: Miss E. I. Lines—£500 to found the Eva Lines Memorial Scholarship for Piano.
- 1952: Mrs. G. Culross—£250 to found the William Culross Prize for scientific research.
- 1952: £200 from Mr. F. P. Shaughnessy to establish a fund for the purchase of magazines for the Union Library as a memorial to the late John Shaughnessy.
- 1953-56: Mrs. G. Hastings—£50,000 to establish the Gwendolyn Michell Foundation for medical research; and £25,000 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—£2,829 to provide help for students in the Faculties of Law and Medicine.
- 1953: Miss E. A. Davey—£916 for research in diseases of the human body.
- 1953: Miss Lily Waite—£10,000 to support the work of the Waite Agricultural Research Institute.
- 1954: Repatriation Fund (Baillieu Gift) Act, 1937—£4,839 to found the Baillieu Research Scholarships.

- 1954: Friends of Miss Maude Puddy—£500 to found the Maude Puddy Scholarship in Pianoforte.
 1954: Friends of the late D. B. Adam—£300 to found the D. B. Adam Prize in Plant Pathology.
 1954: Mrs. A. L. C. Shorney—£1,000 to endow the Herbert Shorney Memorial Library.
 1955: Rutter Jewell-Thomas—£500 to found a medal and prize in Metallurgical and Chemical Engineering.
 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 research into cancer.
 1956: Ruby Chambers—£488 for research into cancer.
 1956: Australian Dental Association (S.A. Branch)—£133 to found a prize in memory of T. D. Hannon.
 1956: Nathan Netter—£530 to augment the Gwendolyn Michell Foundation.
 1956: The Athol Lykke Memorial Committee—£1,860 to establish the Athol Lykke Award for postgraduate studies in music.
 1957: Sewell Myers—£20,000 to establish the Sewell Myers Bequest for research in leukemia.
 1957: Sydney Norman—£700 to augment the Gwendolyn Michell Foundation.
 1957: Mrs. Leonore Ohlstrom—£300 to establish two prizes in German.
 1957: Friends of the late Professor J. R. Wilton—£100 to establish the J. R. Wilton Prize in Mathematics.
 1957: St. Mark's College Club—£110 to establish the Archibald Grenfell Price Prize in Geography.
 1957: Private Subscriptions—£100 to establish the Charles Fenner Prize in Geography.

GIFTS

- 1879-82: The Right Hon. Sir S. J. Way, Bart.—£500 for University buildings.
 1882-96: Sir Thomas Elder—£260 for prizes in Physiology.
 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.
 1904-6: The S.A. Chamber of Commerce—£75 for the purposes of the Board of Commercial Studies.
 1903-14: John Shiels—£5 5s. for the purposes of the Board of Commercial Studies.
 1905-19: The Pharmaceutical Society of South Australia—£102 18s. for general purposes.
 1909-55: The British Medical Association (S.A. Branch)—£6,197 for the purchase of books.
 1911: Anonymous Donor—£500 for the Lowrie scholarships in agriculture.
 1913-25: G. Brookman—£20 p.a. for a scholarship in the Elder Conservatorium.
 1920: E. Angus Johnson, M.D.—£50 for research work in comparative anatomy.
 1923: J. Leon Jona, D.Sc., M.B., M.S.—£100 to form the nucleus of a students' loan fund.
 1925: Miss Nellie Wilcox—£20 for equipment at the station for research in Botany at Koonamore.
 1925: The Superphosphate Association of S.A.—£250 for equipment for the Waite Agricultural Research Institute.
 1926: The Hon. Sir George Murray, K.C.M.G.—£100 towards the expenses of the Jubilee celebrations.
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.
 1928-35: Imperial Chemical Industries Ltd.—£4,466 13s. 4d. for experiments in the use of nitrogenous fertilizers.
 1936-7: Nitrogen Fertilizers Ltd.—£1,000 for experiments in the use of nitrogenous fertilizers.
 1938-47: Imperial Chemical Industries Ltd.—£2,000 for experiments in the use of seed dressings.
 1929: The Misses L. and E. Waite—£250 for improving the escarpment in the University grounds.
 1931: The Hon. Sir George Murray, K.C.M.G.—£2,000 for the general purposes of the University.

- 1931: Chilean Nitrate Agricultural Service—£100 for research at the Waite Agricultural Research Institute.
- 1932-6: Advertiser Newspapers Limited—£200 for anthropological research.
- 1933-5: Pharmaceutical Society of South Australia Inc.—£300 towards the cost of the Johnson Chemistry Laboratories and £583 13s. for equipment.
- 1934: Broken Hill Associated Smelters Pty. Ltd.—£100 for apparatus for the departments of Physiology and Biochemistry.
- 1934-36: The Carnegie Corporation of New York—£3,313 10s. for work in mineral deficiencies of soils.
- 1937: The Misses L. and E. Waite—£2,000 for the University bridge.
- 1937: Sir William Mitchell, K.C.M.G.—£800 for the expenses of the Universities' Conference.
- 1937-50: The Institution of Engineers, Adelaide Division—£147 for the library.
- 1937-56: Professor Sir Mark Mitchell—£9,062 towards the cost of equipment and expenses in the Biochemistry Department.
- 1937-44: The Australian Wool Board—£8,600 }
 James Waite—£400 } to assist investigations into
 Mrs. R. F. Mortlock—£100 } soil erosion and pasture re-
 J. T. Mortlock—£1,500 } generation.
- 1940-41: Sir T. G. Wilson—£1,500 towards the salary of a Director in Obstetrics.
- 1939-41: The Carnegie Corporation of New York—£5,967 3s. 4d. for the purchase of books.
- 1940-41: The Carnegie Corporation of New York—£1,656 towards the salaries of foreign scholars.
- 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.
- 1943-48: Imperial Chemical Industries Ltd.—£1,312 for investigations into sulphur drugs.
- 1945: Mrs. Phoebe Ferris—£250 for research into tuberculosis.
- 1946: Richard Watson—£150 for work in opera.
- 1947: Anonymous Donor—£200 for research into tuberculosis.
- 1948: The Broken Hill Proprietary Co. Ltd.—£5,000 towards equipping the Department of Mining and Metallurgy.
- 1948: Australian Red Cross Society—£278 for the training of social workers.
- 1948: Crippled Children's Association of S.A.—£200 for an investigation into poliomyelitis.
- 1948: Mr. J. T. Mortlock—£2,000 for investigations into pasture regeneration.
- 1949: Electrolytic Zinc Co. of A/sia Ltd.—£5,000 }
 North Broken Hill Ltd.—£4,000 } For the purchase of equip-
 Broken Hill South Ltd.—£4,000 } ment for the Department of
 Zinc Corporation Ltd.—£4,000 } Mining, Metallurgical and
 Imperial Chemical Industries Ltd.—£1,000 } Chemical Engineering.
- 1949: Professor J. H. B. Tew—£100 to establish a fund on which the Professor of Economics may draw for prizes in Economics; capitalised in 1954 to establish the Professor Tew Prize.
- 1950: J. T. Mortlock: £1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.
- 1950: Power Plant Ltd.—£400 }
 M. Moore—£200 } For equipment for the Department of Mining,
 Metallurgical and Chemical Engineering.
- 1950: Australian Performing Rights Association—£105 towards the cost of the next Festival of Australian Music.
- 1950: Imperial Chemical Industries of Australia and New Zealand Ltd.—£500 for a Research Scholarship tenable at the Waite Agricultural Research Institute.
- 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.

- 1951: Messrs. F. H. Faulding and Co. Ltd.—£ 100 for virus investigations.
- 1951: Aberfoyle Tin N.L.—£ 250
King Island Scheelite (1947) Ltd.—£ 100 } For equipment for the Department of Mining, Metallurgical and Chemical Engineering.
- 1951: The Viking Fund of New York—\$1,500 towards the cost of an anthropological expedition.
- 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 Accounts 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.
- 1952: George Aitken Pastoral Research Trust—£ 1,000 for research into Onion weed.
- 1953: Mrs. E. V. Clark—£ 150 to provide the E. V. Clark Prize in Electrical Engineering.
- 1953-6 Various donors—£ 2,762 for research into concrete.
- 1954: Motors Limited and Kingsway Limited—£ 2,000 to furnish and equip the Napier Birks Room for Economics, Commerce and Statistics.
- 1954: Anonymous donors—£ 2,500 for equipment in the Department of Geology.
- 1954: Mrs. R. F. S. Ochtomann—£ 50 each for poliomyelitis research and cancer research.
- 1955: Social Science Research Council—£ 250 for Anthropological Research by Mr. T. G. H. Strehlow.
- 1955: Commonwealth Bank Rural Credits Development Fund—£ 7,503 for capital expenditure associated with the Animal Ecology Unit.
- 1955: The Rockefeller Foundation—£ 6,705 for the purchase of an Infra-red Spectrometer for the Department of Organic Chemistry.
- 1955: The Nuffield Foundation—£ 6,500 for the purchase of an Electrophoresis Diffusion apparatus for the Department of Physical Chemistry.
- 1955: Monsanto Chemicals—£ 400 for each of the Departments of Physical Chemistry and Organic Chemistry.
- 1955: Stock Exchange of Adelaide—£ 530 for Scholarships in Geology.
- 1955: Nickel Mines of Australia, N.L.—8,000 fully paid 5/- shares.
- 1955: James Waite—£ 1,000 for the purposes of the Waite Agricultural Research Institute.
- 1956: Anonymous—£ 100 for research into encephalitis.
- 1956: Broken Hill Mine Managers' Association—£ 1,500 for investigations into wire ropes.
- 1956: I.C.I.A.N.Z. Ltd.—£ 1,000
Shell Company of Australia—£ 100
H. H. Yorke and Company—£ 50
William Houghton and Company—£ 20 } towards the cost of a new insectary at the Waite Agricultural Research Institute.
- 1956: Bread and Cheese Club—£ 387 to support anthropological research by Mr. C. P. Mountford.
- 1956: The Bonython Family—£ 2,350 for an electronic organ, for the Bonython Hall.
- 1956: K. A. Wills—a portrait of Sir Douglas Mawson by Ivor Hele.
- 1956: Professor A. R. Alderman—£ 38 for furniture in the School of Geology.
- 1956: Clarence River Basin Oil Exploration Company—£ 300 for furniture and equipment in the Department of Economic Geology.
- 1956: T. S. Wilson—£ 100 for furnishing a seminar room in the Department of Zoology.

- 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.
 1957: Friends of Miss Maude Puddy—£60 for the purchase of music to be known as "The Maude Puddy Library."
 1957: Miss Eva Waite—Gift of family silver to the Waite Institute.
 1957: Mr. T. G. and Miss M. E. Seymour—£200 each for research in Physiology.
 1957: The Rockefeller Foundation—About £12,350 to support a research project in the Department of Physical and Inorganic Chemistry over a period of three years.
 1957: Professor Sir Mark Mitchell—£1,000 towards the cost of furnishing the new Council Room.
 1957: Anonymous—£2,000 for various purposes.
 1957: Mr. H. W. McGregor } —£300 for furnishings in Elder Conservatorium.
 } Scots Church

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 Normand: 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 200 books.
- (18) Carnegie Corporation of New York: a collection of about 350 books designed to portray contemporary American civilization.

GIVEN 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 (Sir George Murray)	1,000	0	0	Sir Walter Young	200	0	0
The Vice-Chancellor (Sir William Mitchell)	1,000	0	0	C. F. Rischbieth	150	0	0
John Barker	1,000	0	0	R. W. Bennett	100	0	0
Hon. Sir Langdon Bonython	1,000	0	0	Sir George Brookman	100	0	0
T. E. Barr Smith	1,000	0	0	W. Jethro Brown	100	0	0
C. H. Angas	500	0	0	Professor A. L. Campbell	100	0	0
Mrs. T. O'Halloran Giles	500	0	0	D. R. W. Cowan	100	0	0
M. L. Mitchell	500	0	0	A. M. Cudmore	100	0	0
Sir Joseph Verco	500	0	0	Professor E. Harold Davies	100	0	0
J. R. Fowler	250	0	0	W. G. Duffield	100	0	0
E. W. Holden	200	0	0	Capt. J. G. Duncan- Hughes	100	0	0
J. T. Mortlock	200	0	0	F. H. Faulding & Co. Ltd.	100	0	0
Mr. and Mrs. Dudley Turner	200	0	0	F. J. Fisher	100	0	0
				Professor Kerr Grant	100	0	0

GIFTS

	£	s.	d.		£	s.	d.
Professor G. C. Henderson	100	0	0	Professor E. H. Rennie	50	0	0
Professor C. Stanton Hicks	100	0	0	Professor J. R. Wilton	50	0	0
Mr. and Mrs. H. S. Hudd	100	0	0	Professor W. K. Hancock	40	0	0
Mr. and Mrs. H. Hughes	100	0	0	H. F. Shorney	26	5	0
W. J. Isbister	100	0	0	Rev. K. J. F. Bickersteth	25	0	0
H. W. Lloyd	100	0	0	S. Russell Booth	25	0	0
J. W. McGregor	100	0	0	W. R. Cavanagh-Mainwaring	25	0	0
W. A. Magarey	100	0	0	Professor R. W. Chapman	25	0	0
Professor Sir Douglas Mawson	100	0	0	F. Downer	25	0	0
Milne & Co.	100	0	0	Hon. W. G. Duncan	25	0	0
Hon. Mr. Justice Angus Parsons	100	0	0	F. W. Eardley	25	0	0
Professor J. A. Prescott	100	0	0	C. W. Hayward	25	0	0
Professor A. E. V. Richardson	100	0	0	D. H. Hollidge	25	0	0
S.A. Brewers and Licensed Victuallers' Association	100	0	0	G. E. J. Jauncey	25	0	0
H. Law Smith	100	0	0	F. A. Lakeman	25	0	0
Professor J. McKellar Stewart	100	0	0	Miss Helen Mayo	25	0	0
Professor Sir Archibald Strong	100	0	0	R. H. Pulleine	25	0	0
Woods, Bagot, Jory and Laybourne Smith	100	0	0	Professor T. Brailsford Robertson	25	0	0
F. S. Hone	60	0	0	Seppelt & Sons	25	0	0
W. R. Bayly	50	0	0	C. T. C. de Crespigny	21	0	0
Professor J. B. Cleland	50	0	0	W. G. T. Goodman	21	0	0
G. J. Cowie	50	0	0	C. T. Madigan	21	0	0
Professor T. Harvey Johnston	50	0	0	S. W. Pennycuik	21	0	0
Professor F. Wood Jones	50	0	0	W. Ray	21	0	0
A. A. Lendon	50	0	0	H. Swift	21	0	0
H. W. Morphett	50	0	0	S. Wilcox	21	0	0
F. R. Mortlock	50	0	0	M. G. Anderson	20	0	0
Professor T. G. B. Osborn	50	0	0	A. Grenfell Price	20	0	0
				G. Samuel	20	0	0
				Hon. Sir J. Lancelot Stirling	20	0	0
				Miss L. M. Waterhouse	20	0	0
				Other Donations	1,617	9	5
				Total Donations	£33,615	14	5

GIFTS IN 1955, 1956 AND 1957

General Motors- Holden's Ltd. - -	£12,000	0	0	Imperial Chemical Industries of Australia and New Zealand Ltd. - -	2,000	0	0
Adelaide University Union Council -	6,000	0	0	Mrs. George Tarlton Wills - - -	2,000	0	0
Broken Hill Pty. Ltd.	5,000	0	0	Members of the Staff of the University of Adelaide - -	1,860	0	0
Advertiser Newspapers Ltd. - -	5,000	0	0	Mr. K. A. Wills - -	1,105	0	0
Mrs. J. Alwyn Mudge Elder, Smith & Co. Ltd. - - -	5,000	0	0	Australia and New Zealand Bank Ltd.	1,100	0	0
The Broken Hill Associated Smelters Pty. Ltd. - - -	3,000	0	0	The Shell Co. of Australia Ltd. - -	1,000	0	0
The United Licensed Victuallers' Association - - -	2,500	0	0	Sir Claude Gibb -	1,000	0	0
S.A. Associated Brewers - - -	2,500	0	0	Vacuum Oil Co. Pty. Ltd. - - -	1,000	0	0
				Commonwealth Bank of Australia - -	1,000	0	0

S. Kidman & Co. Ltd. - - -	1,000	0	0	Adelaide Steamship Co. Ltd. - - -	250	0	0
British Tube Mills (Australia) Pty. Ltd. - - -	1,000	0	0	Sir Frank Perry - -	250	0	0
Chrysler Australia Ltd. - - -	1,000	0	0	Myer Emporium (S.A.) Ltd. - -	250	0	0
H. V. McKay Charitable Trust - - -	1,000	0	0	Mr. Eric G. Bonython - - - -	250	0	0
The Federal Viticultural Council - -	1,000	0	0	The Commercial Bank of Australia Ltd. - - - -	250	0	0
Ford Motor Co. of Australia - - -	1,000	0	0	Commonwealth Steel Co. Ltd. - - -	250	0	0
National Bank of Australasia Ltd. -	1,000	0	0	Goldsbrough, Mort and Co. Ltd. -	250	0	0
Electrolytic Zinc Co. of Australasia Ltd.	1,000	0	0	Kodak (Australasia) Pty. Ltd. - - -	250	0	0
Bank of Adelaide -	1,000	0	0	McPherson's Ltd. -	250	0	0
Thos. G. Seymour and M. E. Seymour - - - -	600	0	0	Dalgety & Co. Ltd.	250	0	0
Mr. and Mrs. Sidney Reid - - - -	500	0	0	Metal Manufacturers Ltd. - - - -	250	0	0
Mr. and Mrs. Harold McGregor - - -	500	0	0	Pharmaceutical Society of South Australia, Incorporated - - -	250	0	0
Simpson Distributors Limited - - - -	500	0	0	Adelaide Development Co. Ltd. -	250	0	0
G. & R. Wills & Co. and George Wills and Co. Ltd. - -	500	0	0	Philips Electrical Industries Pty. Ltd. -	250	0	0
Bank of New South Wales - - - -	500	0	0	Mrs. John Henry Wills - - - -	250	0	0
Adelaide Motors Ltd.	500	0	0	D.H.A. (South Australia) Ltd. - -	250	0	0
C. A. Parsons & Co. Ltd. - - - -	500	0	0	The Commercial Banking Co. of Sydney Ltd. - -	250	0	0
Commonwealth Oil Refineries Ltd. -	500	0	0	Balm Paints Pty. Ltd.	250	0	0
Mr. and Mrs. Edward Lumley -	500	0	0	Caltex Oil (Australia) Pty. Ltd. - -	250	0	0
Davies Coop (South Australia) Ltd. -	500	0	0	News Ltd. - - -	210	0	0
Humes Ltd. - -	500	0	0	Mr. A. P. Rowe - -	200	0	0
Mrs. Margery Hamilton - - - -	500	0	0	K. and D. Turner -	200	0	0
The Colonial Sugar Refining Co. Ltd.	500	0	0	The Metal Industries Association of Australia - - -	200	0	0
Woods, Bagot, Laybourne-Smith and Irwin - - - -	500	0	0	Misses Gertrude and Grace Darling -	200	0	0
Tom E. Barr Smith	500	0	0	The Beltana Pastoral Co. Ltd. - - -	200	0	0
The English, Scottish and Australian Bank Ltd. - - -	500	0	0	The Mutooroo Pastoral Co. Ltd. -	200	0	0
F. H. Faulding and Co. Ltd. - - -	500	0	0	Carr Fastener Co. of Australia Ltd. -	200	0	0
Anna Menz Memorial Fund - - - -	500	0	0	Perry Engineering Co. Ltd. - - -	200	0	0
Lady Parsons - -	350	0	0	Bennett & Fisher Ltd. - - - -	200	0	0
Norman Darling -	300	0	0	Australian Paper Manufacturers Ltd.	200	0	0
Stewarts & Lloyds (Australia) Pty. Ltd. - - - -	300	0	0				

Adelaide University Graduates' Union -	200	0	0	Adelaide Chemical and Fertilizer Co. Ltd. - - - -	100	0	0
Neptune Oil Co. Pty. Ltd. - - - -	200	0	0	Adelaide University Sports Association	100	0	0
Matthew G. Wills -	200	0	0	Mr. and Mrs. G. B. A. Parsons - -	100	0	0
Mrs. Kenneth Wills -	200	0	0	R. S. Turner and N. S. Young - -	100	0	0
Goode Durrant and Murray Ltd. - -	200	0	0	Wallaroo - Mount Lyell Fertilisers Ltd. - - - -	100	0	0
Miss Lucy Barbara Wills - - - -	200	0	0	Kraft Foods Ltd. -	100	0	0
Sir Lavington Bony- thon - - - -	150	0	0	Barrett Bros. Pty. Ltd. - - - -	100	0	0
Anonymous - - -	150	0	0	Lake Victoria Pro- prietors - - -	100	0	0
Gavin F. Gardner and Co. - - - -	105	0	0	Milo Pastoral Co. Ltd. - - - -	100	0	0
Sir Edward and Lady Morgan - - - -	105	0	0	Kelvinator Australia Ltd. - - - -	100	0	0
Wiltshire, Denton, Turner & Co. -	105	0	0	The South Australia Timber Merch- ants' Associa- tion - - - -	100	0	0
Hoyts Theatres Ltd.	105	0	0	Containers Ltd. -	100	0	0
C. Peter Wills - -	105	0	0	L. M. Owen-Smyth	100	0	0
George Wills & Sons Ltd., England -	105	0	0	Miss Ada Bonython	100	0	0
Harris, Scarfe Ltd. -	105	0	0	Miss Edith Bonython	100	0	0
Adelaide Medical Students' Society	100	0	0	Charles Birks and Co. Ltd. - - -	100	0	0
Lady Sowden - -	100	0	0	Associated Pulp and Paper Mills Ltd. -	100	0	0
Adelaide University Students' Repre- sentative Council	100	0	0	Cyclone Company of Australia Ltd. -	100	0	0
Adelaide University Footlights Club -	100	0	0	Nicholas Proprietary Ltd. - - - -	100	0	0
Dr. and Mrs. Ivan Jose - - - -	100	0	0	Woolworths (S.A.) Ltd. - - - -	100	0	0
E. S. Wigg & Son Ltd. - - - -	100	0	0	H. V. McKay, Mas- sey Harris Pty. Ltd. - - - -	100	0	0
Mr. Acting Justice A. J. Hannan -	100	0	0	Waymouth Motor Company Ltd. -	100	0	0
Piper, Bakewell and Piper - - - -	100	0	0	Adelaide University Pharmaceutical Students' Associa- tion - - - -	100	0	0
Miss Eva Waite -	100	0	0	Monsanto Chemicals (Australia) Ltd. -	100	0	0
Cellulose Australia Ltd. - - - -	100	0	0	G. J. Coles & Co. Ltd. - - - -	100	0	0
Mr. and Mrs. Warren Bonython - - -	100	0	0	Austral Standard Cables Ltd. - -	100	0	0
The Hon. Sir Mellis Napier - - - -	100	0	0	City Motors Pty. Ltd., Adelaide -	100	0	0
Eric Jackson - -	100	0	0	Freeman Motors Ltd.	100	0	0
J. Hallett & Son Ltd.	100	0	0	United Motors Ltd. -	100	0	0
Mrs. John O'Brien -	100	0	0	Clarkson Limited -	100	0	0
Messrs. Alderman, Brazel, Clark and Ward - - - -	100	0	0	Industrial Accept- ance Corporation Ltd. - - - -	100	0	0
South Australian In- stitute of Teachers	100	0	0	C.I.G. (South Aus- tralia) Pty. Ltd. -	100	0	0
A. M. and R. A. Simpson - - -	100	0	0				
Pope Products Ltd. -	100	0	0				

The Bombay Dyeing and Manufacturing Co. Ltd. - - - -	100 0 0	Riley Dodds Australia Ltd. - - - -	100 0 0
The late Mrs. G. V. Portus - - - -	100 0 0		
Moulded Products (S.A.) Ltd. - - - -	100 0 0	Other Gifts totalling	11,434 18 1
		As at 31/12/57	£103,744 18 1

TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930 - - - -	£6,000 0 0	Proceeds of the Lord Mayor's Appeal for Cancer in 1950	£102,794 0 0
Gifts in 1939 - - - -	£3,350 0 0	Gifts in 1951-7 - - - -	£2,434 0 0
Gifts in 1948 - - - -	£221 0 0		
Gifts in 1949 - - - -	£1,458 0 0		

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL OF ARCHITECTURE, 1955-7

Woods, Bagot, Laybourne-Smith and Irwin - - - - -	1,250 0 0	Glover and Pointer - - - -	200 0 0
Architects Board of S.A. F. Kenneth Milne, Dawkins, Boehm and Ellis - - - - -	1,250 0 0	R. J. Nurse Ltd. - - - -	200 0 0
Hassell and McConnell	1,000 0 0	Forwood Down and Co	150 0 0
Harris, Scarfe and Co. Ltd. - - - - -	1,000 0 0	Forwood Johns and Waygood - - - -	150 0 0
Wilckens and Burnside Ltd - - - - -	750 0 0	LeMessurier Timber Products - - - -	150 0 0
Dean W. Berry and Gilbert and Barker - -	600 0 0	Peak Construction Ltd.	150 0 0
S.A. Institute of Architects - - - - -	500 0 0	Thompson and Harvey	130 0 0
Clarkson Ltd. - - - -	500 0 0	M. C. Wood Ltd. - - - -	125 0 0
South Australian Brewing Co. Ltd. - - - -	500 0 0	J. S. Hall - - - -	125 0 0
Mosaic Flooring Ltd. -	500 0 0	W. H. Bagot - - - -	125 0 0
R. P. Brimblecombe and Sons - - - - -	500 0 0	W. B. C. Rutt - - - -	105 0 0
A. W. Baulderstone Ltd. Emmett Constructors Ltd. - - - - -	500 0 0	Evans and Bruer, Philpot and Partners - - - -	100 0 0
Stephenson and Turner	500 0 0	McMichael and Harris	100 0 0
S. J. Weir Ltd. - - - -	500 0 0	Garlick, Jackman and Gooden - - - -	100 0 0
Walkley and Welbourn	375 0 0	Brown and Davies - - -	100 0 0
Lawson, Cheesman, Doley and Partners -	300 0 0	Advertiser Newspapers Ltd. - - - - -	100 0 0
Hansen and Yuncken Pty. Ltd. - - - - -	250 0 0	Australian Glass Manufacturers - - - -	100 0 0
Asbestolite Pty. Ltd -	250 0 0	Wunderlich Ltd. - - - -	100 0 0
S.A. Associated Brewers	250 0 0	McPhersons Ltd. - - - -	100 0 0
Colton, Palmer and Preston Ltd. - - - -	250 0 0	Broken Hill Associated Smelters - - - - -	100 0 0
North Broken Hill Ltd., Broken Hill South Ltd., Zinc Corporation Ltd., New Broken Hill Consolidated Ltd. - -	250 0 0	General Motors-Holten's Ltd. - - - - -	100 0 0
Commonwealth Bank -	250 0 0	S.A. Portland Cement	100 0 0
Elder, Smith and Co. Ltd. - - - - -	250 0 0	Australian Master Builders - - - - -	100 0 0
F. Fricker Ltd. - - - -	250 0 0	S.A. Timber Merchants Association - - - -	100 0 0
Stewarts and Lloyds Ltd. - - - - -	250 0 0	Fricker Bros. Ltd. - - -	100 0 0
Perry Engineering Co.	200 0 0	Aust. and N.Z. Bank Ltd.	100 0 0
Colonial Sugar Refining Co. - - - - -	200 0 0	Bank of Adelaide - - -	100 0 0
		Balm Paints Ltd. - - -	100 0 0
		Broken Hill Pty. Co. Ltd.	100 0 0
		Cyclone Ltd. - - - -	100 0 0
		National Bank Ltd. - - -	100 0 0
		Russell and Yelland - -	100 0 0
		L. G. Abbott and Co. Ltd. - - - - -	100 0 0
			£18,485 0 0
		Other donations of varying amounts under	£2,680 9 0
		Total	£21,165 9 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, and in 1951 by the omission of deceased graduates: it will be similarly revised in 1961. For former lists see Calendars for 1930, 1940 and 1950.

A	
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - - -	1945
Abbott, Clifford Alexander, B.Sc. - - - - -	1952
Abbott, Charles Anthony Lempriere, LL.B. - - - - -	1947
Abbott, Charles Arthur Hillas Lempriere, B.A. - - - - -	1911
Abbott, L.L.B. - - - - -	1914
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
†Abele, Charles, B.Sc. - - - - -	1957
Abotomey, Olive Wanda, B.A. - - - - -	1930
*Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - - -	1939
Adam, Elizabeth Anderson, B.A. - - - - -	1949
Adams, Arthur John Sorby, B.Sc. - - - - -	1926
Adams, Colin Francis, B.E. - - - - -	1934
Adams, Dorothy Sorby, M.B., B.S. - - -	1922
Adams, Edward James Stanley, B.E. - - -	1941
*Adams, Frederick Penoyre, LL.B. - - - -	1923
†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. - - -	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
Ahern, Kevin Barry, LL.B. - - - - -	1951
†Ahrens, Elsie Gladys, B.A. - - - - -	1955
Aistrophe, Stanley Thomas, B.A. - - - -	1954
Aitchison, Erica Nancy, B.A. - - - - -	1931
Aitchison, Gordon Douglas, M.E. - - - -	1952
Aitchison, Gordon James, Ph.D. (M.Sc., 1945) - - - - -	1957
Aitchison, Gordon John, B.E. - - - - -	1927
Aitken, Gilbert William Elliot, M.B., B.S. - - - - -	1943
*Akhurst, Adrian, LL.B. - - - - -	1908
Alcock, Dudley Horace, B.A. - - - - -	1943
Alderman, Arthur Richard, D.Sc. - - - -	1943
Alderman, Colin Graham, M.B., B.S. - - -	1943
Aldersey, Algernon, Lumley Haydon, B.Sc. - - - - -	1950
Aldersey, Richard Baker, B.Sc. - - - - -	1923
Alexander, Donald John, B.E. - - - - -	1951
Alexander, Rosemary Margery Blanche, LL.B. - - - - -	1935
Alexander, William Colin, B.E. - - - - -	1928
Alexandrovicius, Vera, B.D.S. - - - - -	1954
†Allard, James Thomas, B.E. - - - - -	1956
†Allardice, John Graham, B.E. - - - - -	1950
Allen, David William, B.E. - - - - -	1954
Allen, Dulce Dawn, B.A. - - - - -	1945
Allen, Edgar, M.A. - - - - -	1913
Allen, Gordon Lewis, B.E. - - - - -	1951
Allen, Gordon Vivian, B.E. - - - - -	1936
Allen, Gwenneth Dawn, B.Sc. - - - - -	1947
Allen, Henry Joshua, M.A. - - - - -	1929
Allen, James Lawrence, B.A. - - - - -	1935
Allen, John Bernard, B.A. - - - - -	1942
Allen, John Howard, B.Sc. - - - - -	1916
Allen, Kevin Reginald, B.D.S. - - - - -	1952
Allen, Leonard Nicholls, M.A. - - - - -	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, 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
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -	1947
Almond, William Wesley, B.Sc. (Eng.) - - -	1945
†Alpers, Michael Philip, B.Sc. - - - - -	1956
Altmann, Arthur Richard, B.E. - - - - -	1920
Altmann, Herbert Franz, M.B., B.S. - - -	1922
Altmann, Olive Stella, B.A. - - - - -	1948
Ambastha, Harendra Narayan Sinha, M.Ag.Sc. - - - - -	1954
Ambrose, Betty Rosslyn, M.B., B.S. - - -	1936
Ambrose, John Rosslyn, M.B., B.S. - - -	1943
*Ames, Peter Geoffrey, B.Sc. - - - - -	1953
†Amey, Douglas John, B.E. - - - - -	1956
Amey, Lloyd Ronald, B.Ec. - - - - -	1951
Amos, George Lewis, M.Sc. - - - - -	1939
†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, 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, 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, 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, Malcolm Webber, B.E. - - - - -	1955
Anderson, Max Kimberley, M.B., B.S. - - -	1943
†Anderson, Peter Cameron, M.B., B.S. - - -	1955
Anderson, Ronald Alexander, B.Sc. - - - -	1948
Anderson, Sesca Ross, LL.B. - - - - -	1941
Anderson (nee Lewis), Sylvia Hilda, M.Sc. - - - - -	1954
Anderson, William Moffat, B.E. - - - - -	1920
Andrew, Brian William, B.E. - - - - -	1948
Andrew, Hugh Graham, M.B., B.S. - - - -	1941
Andrew, Ronald Headland, M.B., B.S. - - -	1953
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - - -	1947
Andrews, Jean Mary Agnes, B.A. - - - - -	1948

* Deceased.

† Not yet Members of the Senate.

† Andrews, Jennifer Ruth, B.A. - - -	1956	Baddams, Greta, B.A. - - - - -	1940
† Andrews, Judith Mary, B.A. - - -	1957	B.S. - - - - -	1943
Andrews, Julian, M.B., B.S. - - -	1932	Baddams, Violet Thiele, B.A. - - -	1938
Andrews, Murray William, B.Sc. - - -	1949	Bade, Ronald Werner, M.B., B.S. - - -	1952
Andrews, Richard Bullock, B.A. - - -	1887	Badenoch, Reginald Leslie, LL.B. - - -	1936
LL.B. - - - - -	1891	Badger, Colin Robert, M.A. - - -	1938
Angel, Laura Madeline, M.Sc. - - -	1938	Badger, Donald Gibson, B.Ec. - - -	1937
Angel, Mary Taylor, M.B., B.S. - - -	1931	Badger, Geoffrey Malcolm, D.Sc. (Glas-	
Angley, Ronald James, M.Sc. - - -	1954	gow) - - - - -	1950
Angove (nee Clare), Dorothy Cotgrave,		Badger, John Robert, M.B., B.S. - - -	1952
B.A. - - - - -	1912	*Badger, Lena Jessie, LL.B. - - -	1937
Angove, Roger Clare, M.B., B.S. - - -	1938	Badger, Robert, LL.B. - - - - -	1914
Angus, Barbara Ann, M.B., B.S. - - -	1954	Badman, Shirley, B.Sc. - - - - -	1945
Angus, William, B.Sc. (Aberdeen, 1900)	1905	Baghurst, Harold Charles, B.E. - - -	1942
Angus, William Roy, M.B., B.S. - - -	1923	† Bagot, Charles Hervey, B.Sc. - - -	1957
Angwin, William Britton, B.Sc. - - -	1909	Bagot, Edward Mead, M.A. - - -	1919
Annear, Douglas Innes, B.Sc. - - -	1944	Bagot, John Hervey, B.A. (Cambridge,	
Annels, Ralph Edward, B.D.S. - - -	1951	1930) - - - - -	1931
Annels, William Charles, M.A. - - -	1899	Bahr, Trevor Ross, B.E. - - - - -	1954
† Anthonisz, Matthew Wilfred, B.A. - - -	1955	Bailey, Alan Paterson, M.Ec. - - -	1952
Apostol, Vasille Papadimitriou, LL.B.	1952	Bailey, Frederick Manson, B.Sc. - - -	1927
† Appelbee, Peter Ronald, B.D.S. - - -	1957	Bailey, Hubert John, M.B., B.S. - - -	1954
Appleyby, Arthur George, B.E. - - -	1923	Bailey, Keith William, B.D.S. - - -	1951
Appleyby, Cyril Angus, B.Sc. - - -	1949	Bailey, Marjorie Anne Paterson, B.A. - - -	1954
Appleyby, Harold Henry, M.B., B.S. - - -	1925	Bails, John Herbert, B.E. - - - - -	1951
† Appleyby, Robert William, M.B., B.S. - - -	1956	Bain, Robert Vernon Stewart, M.Sc. - - -	1953
Appleyby, Ronald Louis, B.Sc. - - -	1950	Baker, Arthur James Kendall, B.A. - - -	1914
Appleton, Edgar Arthur, B.A. - - -	1949	† Baker, Donald Montgomery, B.E. - - -	1955
Apps, Bert Frederick George, B.A.		† Baker, Irvine Noel, M.Sc. - - - - -	1955
(Melbourne, 1934) - - - - -	1949	Baker, Ralph Alderton, M.B., B.S. - - -	1912
Archer, Geraldine, M.B., B.S. - - -	1948	Baker, Robert Morgan, B.Ag.Sc. - - -	1940
Archibald, Francis Callum, M.B., B.S. - - -	1944	Baker, Rosemary Anne, B.Sc. - - -	1952
Arcus, Wesley John, B.A. - - - - -	1953	Baker, Walter Ross, B.E. - - - - -	1931
Arden, Felix Wilfrid, M.D. (M.B., B.S.,		† Baker, Warwick John, B.E. - - - - -	1957
1931) - - - - -	1934	Bald, Robert Cecil, LL.B. - - - - -	1930
Armstrong, Gowan, B.A. - - - - -	1951	D.Litt. - - - - -	1946
Arnold, Donald Clyde, B.E. (Interim		† Bald, William Charles, B.A. - - - - -	1957
B.Sc. (Eng.) 1944 surrendered) - - -	1948	Baldacchino, Charles Francis, M.B., B.S.	1952
* Arnold (formerly Weidenbach), Edwin,		Ball, Karl George, M.B., B.S. - - - - -	1946
M.B., B.S. - - - - -	1907	† Ballai, Nandor, M.B., B.S. - - - - -	1956
† Arnold, Herbert Rex, B.A. - - - - -	1956	Ballantyne, Elsie Ray, M.A. - - - - -	1931
Arnold, William Robert, B.E. - - -	1948	Ballard, Leslie Alfred Tucker, B.Ag.Sc.	
Arthur, Albert Ralph, B.E. (Interim		(Melbourne, 1932) - - - - -	1933
B.Sc. (Eng.) 1942, surrendered) - - -	1947	M.Ag.Sc. - - - - -	1933
Arthur, Brian Barry, LL.B. - - - - -	1954	Balmer, Jean Jacques, B.A. - - - - -	1953
† Arula, Kustas, B.D.S. - - - - -	1956	Bampton, Colin Charles, B.Sc. (Eng.) - - -	1942
Arya, Michael Gosit, B.Sc. - - - - -	1952	Bampton, John Charles, M.B., B.S. - - -	1954
Ash, Arthur Louis George, B.A. - - -	1907	Banks, Alan, B.E. - - - - -	1948
Ashby, Enid Lucy, B.Sc. - - - - -	1947	Bannigan, John Thornton, B.Sc. - - -	1949
Ashby, Hazel Gwenth, B.Sc. - - - - -	1945	Bannister, Lloyd Benjamin, B.E. - - -	1951
† Ashcroft, John, B.Ec. - - - - -	1956	Banos, Poppy Kalliopi, B.Sc. - - -	1954
Ashenden, Leslie Edward, B.A. - - -	1949	Barber, Howard Frank, B.A. - - - - -	1939
Ashton, Colin Baker, M.B., B.S. - - -	1941	Barber, Kenneth, B.Sc. - - - - -	1944
Ashton, Elizabeth Mary, M.A. - - -	1944	Barbour, Graemme Madowal, M.A. - - -	1922
Ashton, Evelyn Joyce, B.A. - - - - -	1943	Barbour, John Russell, M.S. (M.B., B.S.,	
Ashton, Harry Tamblyn, B.Sc. - - -	1930	1934) - - - - -	1944
Ashton, Joseph Everette, LL.B. - - -	1922	Barbour, Robert, B.A. - - - - -	1916
Ashton, Mabel Winifred, B.A. - - -	1936	† Barbour, Robert Angus, M.B., B.S. - - -	1955
Ashton, Thomas James, M.B., B.S. - - -	1953	Barbour, Robert Roy Pitty, M.A. (Ox-	
Ashwin, Charles Robin, B.A. - - -	1952	ford, 1930) - - - - -	1930
Ashworth, Clarice Mabel, B.A. (Syd-		Barden, Ronald George, Ph.D. (B.E.,	
ney, 1917) - - - - -	1929	1954) - - - - -	1957
† Assumpcao, Carlos Augusto Rocha d',		Barker, Alwyn Bowman, B.E. - - - - -	1923
M.B., B.S. - - - - -	1956	B.S. - - - - -	1931
† Assumpcao, Henrique Antonio d', B.E.	1956	† Barker, Denis, M.B., B.S. - - - - -	1956
Astley, John Felix, LL.B. - - - - -	1922	Barker, Edgar James, B.E. - - - - -	1936
Astley, Michael John, LL.B. - - - - -	1951	Barker, Shirley Bowman, M.B., B.S. - - -	1954
Aston, Morrell Kenneth, B.Sc. - - -	1942	Barlow, Douglas Arthur, B.Sc. - - - - -	1942
B.A. - - - - -	1947	Barlow, Grace Barbara, B.A. - - - - -	1951
† Aston, Robert Graham, B.A. - - - - -	1956	Barlow, Marguerite Mora, M.B., B.S. - - -	1947
Atkins, Joan Darlington, LL.B. - - -	1937	Barlow, Peter Douglas, B.E. (Interim	
† Atkins, Kenneth John, B.E. - - - - -	1955	B.Sc. (Eng.) 1947 surrendered) - - -	1948
Atkinson, Douglas Ewen, B.Sc. (Eng.)	1949	Barnard, Howard Lucas, B.E. - - - - -	1924
Atkinson, Nancy, D.Sc. (M.Sc., Mel-		Barnard, Marguerita Mira, B.A. - - -	1911
bourne, 1932) - - - - -	1957	Barnden, Vina Melba, Mus.Bac. - - -	1935
Atwal, Avtar Singh, Ph.D. - - - - -	1955	Barnes, Charles Stalley, M.Sc. - - - - -	1951
Atwell, Leslie George Danks, B.A. - - -	1930	Barnes, David Thomas, M.B., B.S. - - -	1951
Auricht, Reginald Theodore, M.B., B.S.	1948	Barnes, Frederick Lynne, B.Sc. - - -	1938
Austin, Harold Lance, B.D.S. - - -	1952	Barnes, Marjorie Joyce, LL.B. - - -	1937
Ayliffe, Roger Wyndham, B.Sc. - - -	1948	Barnes, Robert, M.B., B.S. - - - - -	1948
† Aylmore, Lance Arthur Graham, B.Sc.	1955	† Barnes, Ronald David, B.Ec. - - - - -	1955
Ayoub, Charles Salim, M.B., B.S. - - -	1954	Barnes, Thomas Alfred, M.Sc. - - -	1950
		Barnett, Samuel Powell, M.B., B.S. - - -	1927
		Barnfield, George Thomson, LL.B. - - -	1937

B

Backhouse, Paul Vivian, B.E. - - - 1950

* Deceased.

† Not yet Members of the Senate.

†Barr, Alan Marshall, M.B., B.S.	1957	Beck, Alan Beavis, M.Sc.	1932
Barr, Helen Elizabeth, B.Sc.	1947	†Beck, Kevin Charles, B.Sc.	1957
Barracough, Sir Henry Egerton, M.E. (M.M.E., Cornell)	1926	Beck, Merlin Benjamin, B.Ag.Sc.	1949
†Barrett, Harold John, B.A.	1956	Beck, Robert George, B.Ag.Sc.	1941
Barrett, Murray James, M.D.S.	1949	Beckwith, Ralph Symonds, B.Sc.	1944
Barrett, William Vernon, B.A.	1949	Beckwith, Shirley Katie, B.A.	1939
Barrett-Lennard, Lancelot, M.B., B.S.	1947	Bednall, Brian Herbert, B.Sc.	1925
Barrien, Beryl Stoddart, M.Sc.	1938	Bednall, David Maurice, LL.B.	1953
Barrien, John, B.E.	1948	Bednall, Maurice William, LL.B.	1924
†Barritt, Lola Marjory, B.A.	1955	Beech, Ernest Robert, M.B., B.S.	1932
Barrow, Peter McKee, B.Ag.Sc.	1949	Beech, Margaret Doris, B.Sc.	1952
Barry, Alfred, LL.D. (Oxford)	1889	Beecham, Anthony Frank, B.Sc.	1950
Barry, Brian Robert, B.Ec.	1950	†Beer, Barbara Helen, M.B., B.S.	1956
Barter, Francis Charles, LL.B.	1931	Begg, Barbara Rosemary, B.Sc.	1947
Barter, Kenneth Edwin, B.A.	1931	Begg, Betty Shannon, M.B., B.S.	1949
Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953	†Begg, Malcolm William, M.B., B.S.	1956
Barter, Ruth Estelle, B.A.	1931	Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932
Bartholomaeus, Clifford Geoffrey, B.E.	1930	D.D.Sc.	1935
Bartholomaeus, Edmund Stanley, B.A.	1914	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918)	1918
Bartholomaeus, Richard Voules, B.D.S.	1955	Behndt, Arthur Clive, M.B. B.S.	1948
Bartlett, Nancy Irene, B.A.	1939	Beilby, Bruce Parnell, B.E.	1952
Bartlett, William John, M.A.	1914	†Beilby, Jack Canavan, M.B., B.S.	1956
†Barton, David Charles, M.B., B.S.	1956	*Bell, Arthur Hammond, M.A.	1925
Barton, Felix Kingston, B.A.	1911	Bell, Donald George, B.A.	1941
Barwell, Sir Henry Newman, LL.B.	1899	*Bell, Edith Bevilacqua, B.A.	1936
Barwell, Mary Gilbert, B.A.	1926	Bell, Franklyn Gilbert, M.B., B.S.	1949
Basedow, Bernhard Frederick, B.Ec.	1954	†Beltrame, Gino Ernest, B.E.	1957
Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913)	1913	Bender, Jill Margaret, B.A.	1954
Basedow, Karl Johannes, M.B., B.S.	1938	Benjaminson, Albert, B.E.	1951
Basheer, Keith Cameel, M.B., B.S.	1953	Bennett (nee Berriman), Annie Stevens, B.A.	1919
Basheer, Max Rafeek, LL.B.	1952	Bennett, Charles Gordon, B.A.	1922
Bassett, Maxwell Auger, B.Ec.	1951	Bennett, David John, B.Sc.	1932
Basten, Henry Bolton, M.A. (Oxford, 1954)	1954	Bennett, Donald Collier, M.B., B.S.	1946
†Bastian, Elwin Scott, B.A.	1956	Bennett, Donald John, B.E.	1954
†Basto, Antonio Alberto, B.Ec.	1957	Bennett, Floyd Chester, B.A.	1951
Batchelor, Florence Elizabeth Reine, M.A.	1931	Bennett, Frederick Norman, B.A.	1905
†Batchelor, John, B.E.	1956	Bennett, Graham Leslie, M.B., B.S.	1935
†Bateman, Gretel Mary, B.Sc.	1956	Bennett, Henry Trevor, LL.B.	1950
Bateman, Peter Patrick, M.B., B.S.	1950	Bennett, John Barkly, M.B., B.S.	1947
Bateman, Wilfrid, B.Sc.	1941	Bennett, John Henry, Ph.D. (Cambridge, 1952)	1957
†Bateman, Winston Trevor, B.E.	1956	Bennett, John Nelson, LL.B.	1944
Bates, Brian Lewis, B.Sc.	1947	Bennett, Keith McQuarrie, B.E.	1925
Bates, William George James, B.E.	1935	Bennett, Mary Gilmour, B.Sc.	1951
Bath, Donald James, B.E.	1950	Bennett, Norman Robertson, M.B., B.S.	1919
Battye, Gavin Ross, B.E.	1949	Bennett, Richard Barkly, M.B. B.S.	1948
Baudinet, Walter Hooper, M.B., B.S.	1935	Bennett, Richard Clayton, M.B., B.S.	1954
Bauer, Franz, M.B., B.S.	1942	Bennett, Thomas Southall, B.A.	1933
†Baum, Murray Richard, B.A.	1955	†Bennett, William Barkly, M.B., B.S.	1956
Bawden, Albert Victor, B.A.	1930	Bennier, Donald John, B.E.	1951
Bawden, Maxwell George, M.B., B.S.	1954	†Bennier, Margaret Mary Caroline, B.A.	1955
†Bawden, Thomas Edward, B.Sc.	1956	Benskin, Frederick George, M.A. (Oxford, 1900)	1923
Baxter, Reginald Robert, B.Sc.	1912	Benson, Colin John, M.B., B.S.	1953
Bayliss, Colin Evan, M.B., B.S.	1951	Benson, Maurice Bernard, B.A. (London)	1950
†Bazeley, Austin Joseph, B.D.S.	1955	Benson, Richard Neville, M.B., B.S.	1953
Bazeley, Francis, B.E.	1950	Benson, William Herbert, M.B., B.S.	1951
Bean, Alan Reid, M.B., B.S.	1917	Bentley, Alan, M.B., B.S.	1953
Bean, Sir Edgar Layton, B.A. LL.B.	1913	Bentley, John Donald, B.A.	1951
Bean, Edgar Stewart, M.B., B.S.	1947	Bentley, William James, B.A.	1935
Bean, Malcolm James Layton, B.D.S.	1954	Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949
Beaney, Harold Leigh, B.E.	1932	Berndt, Kenneth Lewis, B.Sc.	1937
Beard, Donald Douglas, M.B., B.S.	1947	B.A.	1943
Beard, Jack Roland Stanley Grose, M.B., B.S.	1914	†Berriman, Ian Palmer, B.E.	1955
Beard, Roland Maurice Charles Georges, M.B., B.S.	1946	Berriman, Peter Souter, B.Sc.	1954
*Beare, Frank Howard, M.D. (M.B., B.S., 1917)	1921	Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	1919
Beare, Hedley, B.A.	1954	Berry, Frances Winifred, M.A.	1919
Beare, John Alan, B.Ag.Sc.	1937	Berry, Patricia Dean, B.Sc.	1952
Beare, Thomas Hudson, M.B., B.S.	1952	Berry, Philip Alan, M.Sc.	1934
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949 surrendered)	1951	Berry, Thomas Bruce, B.D.S.	1953
Bearman, Imelda, B.A.	1952	†Berryman, Maurice James, B.E.	1956
†Beasley, Victor John, B.A.	1957	Bert, Ernest Julius, B.E.	1921
Beaton, Doris Jean, LL.B.	1940	Bessant, Dorothy Elizabeth, B.A.	1952
Beauchamp, Edward Benjamin, LL.B.	1927	Best, Effie Deland, B.Sc.	1953
Beaumont, Olive Sowter, B.A.	1939	Best (nee Deland), Effie Wyllie, M.Sc.	1930
Beaumont, Paul Charles, B.A.	1921	Best, Robert Jethro, D.Sc.	1948
		Bested, Gordon John, B.A.	1942

* Deceased.

† Not yet Members of the Senate.

Bettison, Margaret Selina, B.A. - - -	1949	† Bloomfield, Dennis Alexander, M.B., B.S. - - - - -	1956
† Betheras, Frank Rex, M.B., B.S. - - -	1957	Bloomfield, Jack Lee, B.Ec. - - - - -	1943
Betts, Beatrice Berenice, B.A. - - -	1933	Blown, William Baker, B.E. - - - - -	1930
Betts, William James, M.B., B.S. - - -	1941	† Blum, John, B.D.S., - - - - -	1955
Bevan, Medhurst Llewellyn Willett, LL.B. - - - - -	1931	Boas, Isaac Herbert, B.Sc. - - - - -	1899
Beverley, David William Ernest, B.E.	1951	† Bodmer, Noel Frederick John, M.B., B.S., - - - - -	1955
Beverley, Roland Francis, B.E. (Inter- im B.Sc. (Eng.), 1942, surren- dered) - - - - -	1947	Boehm, Ernst Arthur, M.Ec. - - - - -	1955
Beviss, Archibald Charles Kidman, B.A.	1943	Boehm, Jack, LL.B. - - - - -	1952
Bhavilai, Rawi, M.Sc. - - - - -	1952	Boehm, Rolfe Vernon, B.E. - - - - -	1935
Biaggini, Ernest Gordon, D.Litt. - - -	1944	Boehm, Walter Gotthilf, B.A. - - - - -	1953
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920) - - - - -	1920	Boer, Edward Douglas, M.B., B.S. - - -	1942
Bickford, Reginald Nevill Cudmore, M.B., B.S. - - - - -	1935	† Bogner, Robert Eugene, B.E. - - - - -	1956
Biddle, Enid Barbara, B.A. - - - - -	1948	Bolin, Beverley Louise, B.E. - - - - -	1948
Biddle, Gordon Crawford, B.Sc. - - - -	1950	* Bollen, Christopher, M.D. (Toronto, 1891) - - - - -	1894
Bidstrup, Patricia Leslie, M.B., B.S. -	1939	Bollen, Derek Willoughby, LL.B. - - -	1951
Biele, Keith William, B.Ec. - - - - -	1952	Bollen, Kenneth Willoughby, M.B., B.S.	1918
Billing, Geoffry Chandos, B.A. - - - - -	1922	† Bollen, Peter Willoughby, B.Sc. - - -	1957
Billinghurst, Harry, B.E. - - - - -	1954	† Bond, Leonard Gordon, B.A. - - - - -	1924
Billitzer, Anthony Wolfgang, M.Sc. - - -	1952	* Bond, William Elmhirst Tucker (B.A., Cambridge), B.Sc. - - - - -	1952
Bills, Allan Maynard, B.A. - - - - -	1931	Bone, Maxwell Harold, B.A. - - - - -	1938
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - -	1949	Bonner, Brian Christopher, B.Sc. - - -	1950
Bills, David Charles, B.Sc. - - - - -	1950	M.B., B.S. - - - - -	1957
Bills, Lawrence McAusland, LL.B. - - -	1937	Bonnin, James Arthur, M.D. (M.B., B.S. 1946) - - - - -	1955
Bills, Malcolm Bruce, B.D.S. - - - - -	1947	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936) - - - - -	1947
Bilney, Neil Joseph, B.A. - - - - -	1938	Bonnin, Lansell, M.B., B.S. - - - - -	1941
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923) - - - - -	1937	Bonnin, Murray Frew, LL.B. - - - - -	1936
Birch, John Bright, M.B., B.S. - - - - -	1915	B.A. - - - - -	1947
Birch, Louis Charles, D.Sc. - - - - -	1949	Bonnin, Noel James, M.S. (M.B., B.S., 1932) - - - - -	1944
† Birchall, Nicholas John Wardlaw, LL.B.	1956	Bonython, Charles Warren, B.Sc. - - -	1938
Bird, Alan Francis, M.Sc. - - - - -	1955	Bonython, John Langdon, B.A. (Cam- bridge, 1928) - - - - -	1928
Birdseye, Sydney Alick, M.B., B.S. - - -	1951	† Bonython, Richard Martin, B.Ag.Sc. - -	1957
Birks, Peter Macintyre, M.B., B.S. - - -	1934	Booker, Robert Franklin, M.A. - - - - -	1931
† Birks, Peter Roland, B.Ag.Sc. - - - - -	1957	Boomsma, Clifford David, M.Sc. - - -	1949
Birks, Walter Gordon, M.B., B.S. - - -	1937	† Boord, Frederick Hughes, B.A. - - - -	1956
Birks, Walter Richard, B.Sc. - - - - -	1910	Boord, Leslie, B.E. - - - - -	1953
† Birrell, Archibald Novar, B.E. - - - - -	1957	Booth, Edward Stirling, B.Sc. - - - - -	1932
† Bittner, Anita, B.A. - - - - -	1956	Booth, Jean Marie, Mus.Bac. - - - - -	1944
Black, Edward William, Mus.Bac. - - -	1925	Boothby, Charles Brinsley, LL.B. - - -	1886
Black, Eustace Couper, M.B., B.S. - - -	1910	Borland, Francis Thomas, M.A. (Mel- bourne) - - - - -	1952
B.A. - - - - -	1957	Borrow, Keith Travers, LL.B. - - - - -	1939
* Black, Geoffrey Howard Barham, M.B., B.S. - - - - -	1916	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937) - - - - -	1947
† Black, James Foster Barham, B.E. - - -	1955	Bosher, Peter Abel, B.E. - - - - -	1950
Black, Nancy Helen Barham, M.B., B.S.	1951	Bosher, Victor James Marcel, M.Sc. - - -	1949
Blackburn, Arthur Seaforth, LL.B. - - -	1913	Bosworth, Richard Charles Leslie, D.Sc.	1938
Blackburn, Sir Charles Bickerton, B.A.	1893	Bosworth, Richard Leslie Eugene, B.Sc.	1901
Blackburn, Harold Stewart, M.B., B.S.	1942	Botham, John Robert, B.Ag.Sc. - - - -	1950
Blackburn, John Stewart, B.A. - - - - -	1914	Botten, Robert Gray, M.B., B.S. - - -	1949
Blackburn, Margaret Alison, B.A. - - -	1951	Boucaut, James Penn, LL.B. - - - - -	1939
Blackburn, Richard Arthur, B.A. - - - -	1939	Boundy, Clive Alfred Paul, B.E. - - -	1935
Blackburn, Robert Stewart, B.D.S. - - -	1941	Boundy, Rex, B.E. - - - - -	1923
Blackburn, Suzanne Burton, M.B., B.S.	1948	Boundy, William Stevenson, B.Sc. - - -	1950
Blacket, Alison Flora, B.A. - - - - -	1954	Bourke, Elma Marie, B.A. - - - - -	1933
Blacket, Arthur Howard, B.A. - - - - -	1927	* Bourke, George Herbert, B.A. - - - - -	1924
Blacket (nee Dickinson), Edith Grace, B.A. - - - - -	1926	Bourke, Herbert Merwin, M.B., B.S. - -	1922
Blades, James Frederick, B.A. - - - - -	1947	Bourne, Malcolm Cornelius, B.Sc. - - -	1949
Blaess, Frederick John Henry, M.A. - - -	1943	Bowden, John Gilmore, B.Sc. - - - - -	1954
Blaess, Ronald Frederick, B.A. - - - - -	1943	Bowden, Kevin Benjamin, B.E. - - - - -	1951
Blair, David Scott, B.E. - - - - -	1949	Bowden, Wallace Auckland, M.B., B.S.	1953
* Blair, Euphemia Theodosia, M.A. - - -	1916	† Bowen, Maurice Emanuel, LL.B. - - - -	1956
Blair, Joan Scott, B.A. - - - - -	1949	Bowering, Beryl, M.B., B.S. - - - - -	1933
Blair, Ruth Margaret, B.A. - - - - -	1951	Bowering, Douglas Charles, M.B., B.S.	1954
Blake, Milton Audley, B.Sc. - - - - -	1923	Bowering, Owen Wheatley, M.B., B.S.	1937
Blakeway, Lionel Norman, B.A. - - - - -	1948	Bowes, Colin Robert, B.Sc. - - - - -	1945
† Blanch, Beverley Ruth, B.Sc. - - - - -	1956	Bowes, Donald Ralph, M.Sc. - - - - -	1948
Blaskett, Alan Charles, B.Sc. - - - - -	1950	† Bowes, Keith Russell, B.A. - - - - -	1955
Blaskett, Donald Reginald, B.E. - - - -	1940	Bowey, Allan Edgar, B.Sc. - - - - -	1953
Blaskett, Kenneth Selway, B.E. - - - -	1931	Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - -	1949
Blaskett, Sydney Norman, B.E. - - - - -	1928	Bowey, Ross Richard, M.B., B.S. - - -	1948
Bleby, Dorothy Aileen, B.A. - - - - -	1930	Bowler, John Kirkpatrick, M.B., B.S.	1937
Bleby, Gordon Edward Henry, LL.B. - - -	1931	Bowness, Alexander, B.Ec. - - - - -	1947
Bleby, John Raymond, B.A. - - - - -	1933	† Bowyer, Donald Albert, B.E. - - - - -	1957
Bleby, Thelma Evelyn, LL.B. - - - - -	1923	Boyce, Althea Enid, B.A. - - - - -	1930
Blesing, Rae Flora, B.A. - - - - -	1947	Boyce, Robert William, B.E. - - - - -	1954
Blight, John Malcolm, B.Sc. - - - - -	1950	Boyce, Sidney Herbert, B.E. - - - - -	1928
Blight, Thomas David, B.Sc. - - - - -	1951	Boylan, Francis Eugene, LL.B. - - - -	1953
Bloomfield, Allan John, B.D.S. - - - - -	1939		

* Deceased.

† Not yet Members of the Senate.

Boyle, Kevin William, B.E. - - - -	1940	Brooke, Malcolm Archibald, B.E. - -	1925
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) - - - -	1947	Brooke, William Charles Robert, B.E. -	1931
† Brabham, Roy Andrew, B.E. - - - -	1956	† Brooker, Murray Ian Hill, B.Ag.Sc. -	1957
Bracken, Maurice John, B.A. - - - -	1947	Brookman, Benjamin Edward, M.B., B.S. - - - -	1944
Braddock, Lyall Arthur, B.Ec. - - - -	1944	Brookman, Graham George, B.E. - - -	1949
Braden, Allan Walter Horace, B.Sc. - -	1947	Brookman, John Gordon, B.E. - - - -	1937
† Bradley, Michael Charles, B.A. - - - -	1955	Brookman, John Ragless, M.E. - - - -	1925
Bragg, Sir William Lawrence, B.A. - - -	1908	* Brooks, Albert Joseph, B.A. - - - -	1904
† Brain, Patricia Ethel, M.B., B.S. - - -	1957	Brooks, Brian John, B.E. - - - -	1951
Brame, Alan John Fisher, B.E. - - - -	1951	† Brooks, David Stirling, B.E. - - - -	1955
Bramwell, Myra Gladys, B.A. - - - -	1940	Brooks, George Herbert, B.Sc. (Eng.) -	1943
† Brand, Ian Allan George, M.B., B.S. - -	1957	Brooks, Hector Buckland, B.Ag.Sc. -	1954
Brandstater, Bernard John, M.B., B.S. -	1951	Brooks, Ian Arnot, M.B., B.S. (Edin-	
Brandstater, Rhona, B.Sc. - - - -	1949	burgh, 1943) - - - -	1955
Branson, Colin William, B.Ec. - - - -	1953	Brooks, James Alfred, B.Sc. - - - -	1952
† Branson, Dean Martin, M.B., B.S. - - -	1955	Brooks, Joyce Dardanella, B.A. - - -	1945
Branson, Harold Randolph, M.B., B.S. -	1921	Brooks, Merle Olive, B.A. - - - -	1947
Brasch, Leonard William, B.Sc. - - - -	1950	Brooks, Mervyn Leslie, B.Sc. - - - -	1948
Brauer, Edwin Harold, B.A. - - - -	1947	Brooks, Richard Rodney, B.E. - - - -	1935
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - - -	1905	Broomhead, Edwin Norman, M.A. - - -	1949
Braunthal, Norman Frank, B.Ec. - - - -	1947	Brose, Henry Herman Leopold Adolph, D.Sc. - - - -	1931
Brawn, May, M.A. - - - -	1924	Broughton, Rodney Whitfield-Smith, B.E. - - - -	1953
Bray, Andrew Mackie, B.E. - - - -	1950	Brous, Michel, M.B., B.S. - - - -	1945
Bray, Elva Mildred, B.A. - - - -	1941	* Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914) -	1914
Bray, Gildart Harvey, M.A. (Aberdeen, 1890) - - - -	1891	Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - - -	1926
Bray, Isabel Mary, B.Sc. - - - -	1951	Brown, Cyril Maitland Ash, B.A. - - -	1932
Bray, John Jefferson, LL.D. - - - -	1937	Brown, Donald Edgar, B.A. - - - -	1954
Bray, John Marmion, B.Sc. - - - -	1942	Brown, Dougal Hamilton, B.E. - - - -	1948
Bray, Robert Stow, B.Sc. - - - -	1950	Brown, Enid Norma, B.A. - - - -	1939
Bray (nee Trengove), Rosalie Irene, M.A. - - - -	1930	Brown, Ernest William, D.Sc. (Cambridge, 1897) - - - -	1914
Bray, William Harry, LL.B. - - - -	1951	Brown, Frederick George, B.A. (London, 1898) - - - -	1906
Brazier, James Francis, LL.B. - - - -	1926	B.Sc. - - - -	1910
Brazier, John Richard, B.A. - - - -	1948	Brown, Graham Barrett, B.E. - - - -	1952
Breakey, Angus James, B.E. - - - -	1953	Brown, Geoffrey Frank, B.Sc. - - - -	1952
Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931) - - - -	1939	Brown, Geoffrey Ivan, B.D.S. - - - -	1948
Brealey, Keith Lisle, B.Sc. - - - -	1951	Brown, Geraldine Whittle, B.Sc. - - -	1949
* Brebner, Charles Cave, LL.B. - - - -	1918	Brown, Henry, M.A. - - - -	1924
Brebner, Charles Ross, LL.B. - - - -	1954	B.Ec. - - - -	1936
Brebner, Donald Malcolm, LL.B. - - - -	1951	Brown, Howard Arthur, B.E. - - - -	1938
Bree, Ellen Ruth, B.A. - - - -	1942	Brown, Ian, B.Sc. - - - -	1940
Bree, Joan Alison, B.Sc. - - - -	1948	Brown, James Howard, M.B., B.S. - -	1944
Brentnall, George Rex, M.B., B.S. - - -	1953	† Brown, Jennifer May, M.B., B.S. - - -	1957
Brett, Horace William Walter, Ph.D. (B.Sc., 1951) - - - -	1957	Brown, Joan, B.Sc. - - - -	1954
† Brett, Peter Robin, B.Sc. - - - -	1956	Brown, John Arthur Stacy, B.Sc. - - -	1951
† Breynard, Keith Beaumont, B.E. - - -	1956	Brown, Judith Eileen, B.Sc. - - - -	1954
Brice, Annette, B.A. - - - -	1954	Brown, Kenneth Aylesbury, B.D.S. - -	1950
Brice, Emilie Una, B.A. - - - -	1937	Brown, Kenneth Barnden, M.B., B.S. -	1942
Brice, Helen Elizabeth, B.Sc. - - - -	1953	Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered) - - -	1948
Brice, John Marshall, B.Sc. - - - -	1951	† Brown, Margaret, M.B., B.S. - - - -	1956
Brideson, Hedley Cyril, B.A. - - - -	1943	Brown, Mary Home, B.Sc. - - - -	1902
Bridgland, Milton Deane, B.Sc. - - - -	1942	Brown, Maurice William, M.B., B.S. -	1954
Bridgland, Reginald James, M.E. - - -	1935	Brown, Norman, B.A. - - - -	1952
Bridgen, James Bristock, B.A. (Oxford, 1920) - - - -	1926	Brown, Reginald Dutton, B.Ec. - - - -	1945
Bright, Charles Hart, B.A. - - - -	1934	Brown, Richard Archibald, B.E. - - -	1954
LL.B. - - - -	1934	Brown, Robert Foster, LL.B. - - - -	1936
Brindal, Rosemary Barbara, M.B., B.S. -	1949	Brown, Roger Norman, B.Sc. - - - -	1952
† Brindal, William Harley, B.D.S. - - -	1956	Brown, Ross Alvarez, M.B., B.S. - - -	1951
Brisbout, John Augustus Roger, M.B., B.S. - - - -	1950	Brown, Tasman, B.D.S. - - - -	1950
Broadbent, Eric Elihu, M.B., B.S. - - -	1917	Brown, Warwick Day, B.Sc. - - - -	1944
Broadbent, Henry Neil Gribble, B.E. - -	1952	Browne, Noel John, M.B., B.S. - - -	1953
Broadbent, Ian Nicholas, M.B., B.S. - -	1954	Browne, Philip, M.A. - - - -	1928
Broadfoot, Kenneth Davidson, B.E. - - -	1954	Brownell, Angus Lauriston, B.E. - - -	1952
† Brock, Erland Jeffrey, B.A. - - - -	1955	Brownell, Peter Ferguson, B.Ag.Sc. -	1951
Brock, Rex Richard Ashby, M.B., B.S. -	1949	Browning, Thomas Oakley, B.Sc. - - -	1949
† Brock, Robert John, B.E. - - - -	1955	Ph.D. - - - -	1951
† Brockhoff, John Ashleigh, B.Sc. - - -	1956	Bruce, Clifford Roy, B.A. - - - -	1949
Brocksopp, John Ernest, LL.B. - - - -	1934	Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923) - - - -	1926
Brockway, George Ernest Emerson, B.Sc. - - - -	1921	Brummitt, Donald William, M.B., B.S. -	1938
Brokensha, Peter, B.E. - - - -	1950	† Brummitt, Peter Elliott, M.B., B.S. -	1957
Bromfield, Donald Hamilton, M.B., B.S. - - - -	1946	† Brummitt, Robert, M.B., B.S. - - -	1955
Bronner, Rudolph, M.A. - - - -	1926	Bryan, Claude John Dennis, M.B., B.S. -	1950
Brook, Donald Leslie, B.E. - - - -	1949	Bryan, Peter Kaye, M.B., B.S. - - -	1954
† Brook, Richard John, B.Sc. - - - -	1956	† Bryant, Kenneth Hyett, M.B., B.S. -	1955
Brooke, Joyce Ethel, M.Sc. - - - -	1939	Bryce, Thomas Scott, B.E. (Interim	

* Deceased.

† Not yet Members of the Senate.

B.Sc. (Eng.) 1947 surrendered)	- -	1948	†Burvill, Peter Walter, M.B., B.S.	- -	1957
Buchan, Howard James, B.Sc. (Sydney, 1950)	- -	1955	Bush, Lillian, M.A. (Edinburgh, 1933)	- -	1953
Buckley, Joseph Edward, B.Sc.	- -	1950	Butcher, Alan Edward, B.A.	- -	1931
Buckett, Reginald Clement, B.E.	- -	1931	†Butcher, Ian Robert, B.E.	- -	1957
†Buick, William George, B.A.	- -	1956	Butler, Deirdre Brigid, B.Sc.	- -	1953
Bulbeck, Francis Paul, B.E.	- -	1951	Butler, Frederick Stanley, M.A.	- -	1893
Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	- -	1953	Butler, James Mortimer, B.Sc.	- -	1951
Bull, Winnifred, B.A.	- -	1943	Butler, Joan Hilary, B.Sc.	- -	1954
Bullas, Leonard Raymond, M.Sc.	- -	1957	Butler, Kathleen Fiona, B.A.	- -	1944
Bulling, William John, B.E.	- -	1939	†Butler, Pamela Margaret, B.Sc.	- -	1956
Bullock, John Hynam, B.E.	- -	1938	Butler, Peter Forsythe, M.Ag.Sc.	- -	1951
Bundey, David Hamilton, B.E.	- -	1951	Butler, Randal St. John Michael, M.B., B.S.	- -	1954
Bundey, John Goode, M.B., B.S.	- -	1947	Butler, Stuart Thomas, M.Sc.	- -	1948
Bunbrock, William John, B.E.	- -	1952	Butler, William Henry, B.Sc.	- -	1931
Bungey, Roger Saunders, B.Sc.	- -	1952	†Butler-Nixon, Grahame Gordon, LL.B.	- -	1956
Bunney, Bronte Rowland, B.Sc.	- -	1951	Butterworth, Boyd Robert, M.B., B.S.	- -	1951
†Bunney, Judith Anne, B.A.	- -	1956	Butterworth, Clarence Gerald Roy, B.A.	- -	1929
Burchett, Kemerl Ann, LL.B.	- -	1953	Butterworth, David John, B.Sc.	- -	1952
B.A.	- -	1954	Butterworth (nee Foster), Helen Lesley, M.Sc.	- -	1954
Burdett, John Charles, LL.B.	- -	1951	Butterworth, Peter Walter, B.E.	- -	1951
Burdon, Ella Kate (nee McRostie), B.A.	- -	1915	Buttery, Roland Richard, LL.B.	- -	1924
Burdon, Geoffrey Jasper, B.E.	- -	1949	Buttery, Ronald Gordon, Ph.D.	- -	1956
Burdon, Ivor Leslie, B.A.	- -	1943	Button, Reginald Ernest, B.E.	- -	1934
Burdon, Kenneth Roy, M.B., B.S.	- -	1949	Buttrose, Ian, LL.B.	- -	1918
Burdon, Roy Stanley, D.Sc.	- -	1935	†Buttrose, Mark Sinclair, B.Ag.Sc.	- -	1956
Burfield, Arthur, B.A.	- -	1934	†Buttrose, Stroma, B.A.	- -	1955
Burfield, Lance Samuel, B.E.	- -	1940	†Buxton, John Balfour, B.Sc.	- -	1957
†Burford, Mary Jill, B.Sc.	- -	1957	Byard, Douglas John, B.A. (Oxford, 1882)	- -	1889
†Burford, Robert Royce, B.Sc.	- -	1955	Byles, Baldur Unwin, B.Sc.	- -	1925
†Burford, Warren Lindsay, B.Sc.	- -	1945	Byrne, Alfred Dudley, M.B., B.S.	- -	1927
Burger, George Emmanuel, M.Sc. (Ph.D., Vienna, 1927)	- -	1940	Byrne, Bernadette Marie Therese, B.A.	- -	1950
Burgess, Annie Frances, B.A.	- -	1909	Byrne, Peter Noel, B.Ag.Sc.	- -	1952
†Burgess, John Albert, B.E.	- -	1957	Byrne, William Creedon, B.A.	- -	1954
Burgess, Leslie Frank, B.Sc.	- -	1908	C		
Burgess, Norman Cecil, B.E.	- -	1923	Cahalan, Maurice James, B.Sc. (Eng.)	- -	1945
†Burgess, Richard John, B.D.S.	- -	1956	*Cairns, Hugh William Bell, M.D. (Oxford) (M.B., B.S., 1917)	- -	1948
Buring, Franz Maurice, B.E.	- -	1923	Calder, David Everard, B.E.	- -	1949
Buring, Rupert Hermann Maurice, B.Sc.	- -	1929	Calder, Rex Finlayson Cormack, B.E.	- -	1927
Burleigh, Eric Charles, M.A. (Bristol, 1951)	- -	1956	Calder, Ronald Rex, B.E.	- -	1950
Burnard, David Alexander, Mus.Doc.	- -	1932	Calder, Shirley Hilda, M.B., B.S.	- -	1950
Burnard, Donald Frank, B.E.	- -	1935	Caldicott, Emma Victoria, B.A.	- -	1927
Burnard, Patricia de Garis, B.A.	- -	1938	Caldwell, Hilda Valmai, B.Ec.	- -	1941
Burnard, Renfrey Gershom, M.B., B.S.	- -	1904	Callaghan, John Phillip, B.A.	- -	1952
Burnard, Richard de Garis, M.B., B.S.	- -	1937	LL.B.	- -	1953
Burnard, William Frank, B.Sc.	- -	1952	Callus, Francis Arthur, B.Sc.	- -	1954
Burnell, Arthur William, M.B., B.S.	- -	1943	Camens, Ivan Maurice Henry, M.B., B.S.	- -	1947
*Burnell, Glen Howard, M.D. (M.B., B.S., 1916)	- -	1920	Cameron, Cyril Thomas Murray, M.B., B.S.	- -	1954
Burnell, Reginald George, B.A.	- -	1905	†Cameron, Duncan James, M.B., B.S.	- -	1957
Burnett, Baltimore Edward Thackeray, B.A.	- -	1937	Cameron, Ian Edmund, LL.B.	- -	1950
Burnett, Leonard Ward, B.E.	- -	1949	Cameron, Robert Ewen, B.A.	- -	1921
Burnham, Mary Elizabeth, B.A.	- -	1951	Cameron, Roy James, M.Ec.	- -	1951
Burns, Chester Arnold, B.D.S.	- -	1929	Campbell, Allan Gordon, M.S. (M.B., B.S., 1938)	- -	1950
Burns, Clement Aylesbury Colin, M.B., B.S.	- -	1954	†Campbell, Archibald Duncan, B.A.	- -	1955
†Burns, Erica Marian, B.Sc.	- -	1955	Campbell, Archibald Herbert, B.A.	- -	1925
Burns, John Cumming, B.D.S.	- -	1926	Campbell, Archibald Way, M.B., B.S.	- -	1896
Burns, Marjorie Ruth, B.A.	- -	1952	Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	- -	1889
Burns, Mary Leonora, M.A.	- -	1931	Campbell, Donald, LL.B.	- -	1911
Burns, Peter James Stedman, M.B., B.S.	- -	1954	Campbell, Florence Way, Mus.Bac.	- -	1897
*Burns, William Middleton, LL.B.	- -	1920	Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- -	1947
Burnside, James Patrick, B.Sc.	- -	1950	†Campbell, George McClelland, B.D.S.	- -	1956
Burrage, Betty Dalmahey, B.Sc.	- -	1944	Campbell, Gordon Cathcart, B.A.	- -	1906
Burrell, Edward Sampson, B.D.S.	- -	1940	LL.B.	- -	1909
Burrow, Allan Lincoln John, B.Sc.	- -	1937	†Campbell, Ian Duncan, B.E.	- -	1955
Burrow, John Francis, B.D.S.	- -	1951	Campbell, Ian George, M.B., B.S.	- -	1953
Burston, Robin Archibald, M.B., B.S.	- -	1943	*Campbell, James Way, B.A.	- -	1903
Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910)	- -	1930	LL.B.	- -	1905
Burton, Alice Madge, M.A.	- -	1931	Campbell, Jessie, B.A.	- -	1908
Burton, Dudley Hopetoun, B.A.	- -	1938	Campbell, Jessie, B.A.	- -	1929
Burton, Maxwell Victor, B.Ag.Sc.	- -	1950	Campbell, Kenneth Bruce Desmond, B.E.	- -	1931
Burton, Nancy Glen, B.A.	- -	1932	Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921)	- -	1923
†Burton, Patrick Andrew, M.B., B.S.	- -	1956	D.Sc.	- -	1939
†Burton, Peter, B.E.	- -	1955	Canaway, Geoffrey Watson, B.E.	- -	1951
Burvill, George Henry, M.Ag.Sc. (B.Sc. Agric., Western Australia, 1931)	- -	1939			

* Deceased.

† Not yet Members of the Senate.

Cannell, Cedric James, B.Sc. - - -	1931	Champion de Crespigny, Richard	
B.A. - - -	1943	Geoffrey, M.B., B.S. (Melbourne,	
*Canney, Richard Francis, M.A. - - -	1922	1930) - - -	1933
B.Sc. - - -	1926	†Chan, Kong Lam, M.B., B.S. - - -	1956
Canning, Albert Edward, B.E. - - -	1949	Chandler, Arthur James, M.B., B.S. - - -	1927
Canny, Kevin Francis, LL.B. - - -	1953	Chapman, Arthur Horsley, B.E. - - -	1927
Canny, Nicholas Joseph, B.Sc. - - -	1947	Chapman, Ernest Stirling, B.D.S. - - -	1923
Cant, Alistair McKinnon, B.A. - - -	1939	Chapman, Frank Hewett, LL.B. - - -	1930
Cant, Harry Arundale, B.Sc. - - -	1924	†Chapman, Gilbert Wesley, M.B., B.S. - - -	1955
Cant, Isobel Brown, B.A. - - -	1954	Chapman, John Marsden, B.A. - - -	1934
Cant, Rodney Revett, B.Ag.Sc. - - -	1949	Chapman, Peter Noel, B.D.S. - - -	1952
†Capon, Ian Nicholas, B.Sc. - - -	1957	*Chapman, Robert Hall, M.E. (B.Sc.	
Carden, David, M.B., B.S. - - -	1953	1910, surrendered for B.E., 1913) - - -	1921
Carey, Edward John, B.Ec. - - -	1946	Chapman, Stanley Bertram, B.Sc. - - -	1931
Carey, Francis Clive Savill, Mus.Bac.		B.E. - - -	1934
(Cambridge, 1906) - - -	1924	Chapman, William Glanville, B.E. - - -	1935
Carey, John Gilbert, B.Sc. - - -	1954	Chappell, John Francis, B.E. - - -	1952
*Carlin, Cyril Brooke, M.B., B.S. - - -	1926	Chappell, John Graham, B.Sc. - - -	1950
Carman, Robert Douglas, M.S. (M.B.,		Chappell, William Thomas, M.B., B.S. - - -	1953
B.S., 1939) - - -	1948	Chapple, Alfred, B.Sc. - - -	1894
Carman, Stephen Hewett, LL.B. - - -	1936	Chapple, Colin Frederic, M.B., B.S. - - -	1936
Carmen, Noel Francis, B.A. - - -	1947	Chapple, Harold, B.Sc. - - -	1900
Carmichael, Donald Ross, B.A. - - -	1950	Chapple, Phoebe, B.Sc. - - -	1898
Carne, Alfred George, B.E. - - -	1912	M.B., B.S. - - -	1904
Carne, Ian Hamilton, B.E. - - -	1940	Chard, June Myra, M.B., B.S. - - -	1947
Carr, Emma Lucy, B.A. - - -	1917	Charlesworth, George Harvey, B.A. - - -	1953
Carroll, Mary Philomena, B.A. - - -	1933	Charlesworth, Thomas William, M.A. - - -	1932
†Carruthers, Alfred Lloyd Harvey, B.Ec.	1957	†Charnock, John Stewart, B.Sc. - - -	1956
*Carslaw, Horatio Scott, D.Sc. (Sc.D.,		Chartres, Bruce Alwyn, M.Sc. - - -	1953
Cambridge, 1908) - - -	1926	†Chase, Brian Collison, B.E. - - -	1956
Carter, Alan Norval, M.Sc. - - -	1954	†Cheah, Sim Huat, M.B., B.S. - - -	1957
†Carter, Alexander John, B.Sc. - - -	1957	Cheek, Allison Mary, B.A. - - -	1949
Carter, Charles Robert, B.Sc. - - -	1947	Cheek, Bruce Mansfield, M.A. - - -	1949
Carter, Edward Diment, B.Ag.Sc. - - -	1949	Cheek, Donald Brook, M.D. (M.B., B.S.,	
†Carter, Elijah, LL.B. - - -	1957	1947) - - -	1953
Carter, Elizabeth Reay, B.A. - - -	1942	Cheek, Nancy Olive, M.B., B.S. - - -	1942
Carter, Frank Killingbeck, B.Sc. - - -	1922	Cheesman, Graham Frank, M.B., B.S. - - -	1946
Carter, Ian Dan, M.B., B.S. - - -	1952	Chellew, Thelma Loraine, B.Sc. - - -	1954
Carter, Ida Jane, B.A. - - -	1918	Chenell, John Gordon Peake, B.Sc. - - -	1951
Carter, Maurice Vernon, M.Ag.Sc. - - -	1957	†Cheney, Kevin, M.B., B.S. - - -	1956
Carter, Maxwell John, B.Sc. - - -	1948	Cherry, Aileen Percival, B.A. - - -	1934
Carter, Melville Lionel, M.B., B.S. - - -	1953	M.B., B.S. - - -	1949
Carthew, Allen Rex, B.Sc. - - -	1949	Cherry, Alan Percival, M.B., B.S. - - -	1941
Carthew, Brian, B.E. (Interim B.Sc.		Cherry, Edward Percival, M.B., B.S. - - -	1938
(Eng.), 1945, surrendered) - - -	1947	Chesney, David Alexander, B.Sc. - - -	1954
Carthew, John, B.E. - - -	1950	B.A. - - -	1957
Carthew, Lancelot, B.A. - - -	1932	Chester, Harry Leonard, M.B., B.S. - - -	1925
Cartledge, Jack Pickering, LL.B. - - -	1921	Chester, Leonard Raymond, B.Sc. - - -	1951
Cartledge, John Owen, B.E. (Interim		Chesterman, Harry Martin, B.E. - - -	1950
B.Sc. (Eng.), 1945, surrendered) - - -	1947	†Chew, Chong Kan, M.B., B.S. - - -	1957
Cashmore, Alec Brooke, M.Sc. - - -	1938	Chibnall, Helen, B.Sc. - - -	1944
Cashmore, George Herbert, M.B., B.S. - - -	1927	Chick, John Bertram, (B.Sc., 1948)	
Cashmore, Helen Patricia, B.A. - - -	1948	M.B., B.S. - - -	1955
Casling, Reginald Herbert, B.E. - - -	1951	Chignell, Arthur Kent, B.A. - - -	1900
Casson, Leslie Frank, M.A. - - -	1928	Child, Marie Beatrice, B.A. - - -	1926
Casson, Paul Bevis, B.Sc. - - -	1935	Childs, John Tothill, B.D.S. - - -	1952
Castle, Edgar Woods, B.A. - - -	1952	Childs, Peter Anthony, M.B., B.S. - - -	1953
Castle, Robert Norman, M.B., B.S. - - -	1953	*Chilman, Eliza Stewart, B.A. - - -	1930
Catcheside, David Guthrie, D.Sc. (Lon-		Chinner, Beryl Esther, Mus.Bac. - - -	1947
don) - - -	1952	†Chinner, Graham Alan, M.Sc. - - -	1955
Catchlove, Sydney George Leyland,		Chinner, Melville Ernest, M.D. (M.B.,	
M.B., B.S. - - -	1907	B.S., 1925) - - -	1938
Catchpoole, John Roger, B.Sc. - - -	1952	*Chisholm, Neil Leslie, B.E. - - -	1954
Cathro, Keith James, Ph.D. (B.E.,		†Chittleborough, Glen, B.Sc. - - -	1956
1954) - - -	1957	Chittleborough, Jeffrey David, B.Sc. - - -	1951
†Cattrall, Robert Walter, B.Sc. - - -	1957	†Chittleborough, John Lincoln, B.E. - - -	1956
Causby, Donald James, B.E. - - -	1950	Chittleborough, Laurel Evelyn, B.A. - - -	1947
Caust, David Kennings, M.B., B.S. - - -	1946	Chittleborough, Robert Graham, M.Sc. - - -	1952
*Caust, Leslie George William, B.A. - - -	1921	Chmeliauskas Stasys, B.A. (Ph.D.	
Caust, Leslie James, M.B., B.S. - - -	1954	Leipzig, 1944) - - -	1954
Cavalier, Herbert Ramsden, M.A. (Ox-		Choate, Max Paul, B.A. - - -	1950
ford, 1902) - - -	1931	†Choo, Chek Juan, B.Ec. - - -	1956
Cawdle, Robert Ferris, B.E. - - -	1951	†Choo, Soo Bin, B.D.S. - - -	1957
Cawte, Frederick George Nelson, B.A. - - -	1943	Christie, Basil James Frederick, B.Sc. - - -	1953
Cawte, John Ewart, M.B., B.S. - - -	1949	Christie, Margaret, B.A. - - -	1945
†Cellier, Kevyn Meylan, B.Sc. - - -	1955	Christie, Patrick Joseph, LL.B. - - -	1925
Chalklen, Gwendoline Elizabeth, B.A. - - -	1930	Christie, William, M.B., B.S. - - -	1925
†Chalklen, Roland John, B.A. - - -	1956	Christophers, Barry Eastwood, M.B.,	
Chamberlain, Reginald Roderic St.		B.S. (Melbourne, 1945) - - -	1956
Clair, LL.B. - - -	1922	Christophersen, Jack Vivian, B.D.S. - - -	1927
†Chambers, Gordon Manson, M.B., B.S. - - -	1957	Church, Jack Raymond, B.Sc. - - -	1949
*Chambers, William Charles Teesdale,		Church, John Henry, M.A. - - -	1934
M.B., B.S. - - -	1942	Church, Keith Neville, B.E. - - -	1951
*Champion de Crespigny, Sir Constan-		Churchward, Spencer, M.A. - - -	1903
tine Trent, M.D. (Melbourne, 1906)	1913	Churchward, Stella Mary, B.Sc. - - -	1904

*Deceased.

†Not yet Members of the Senate.

Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - -	1922	†Cockburn, Robert Francis, B.E. - - -	1957
Clapp, Cedric Norman, B.D.S. - - - - -	1938	Cocks, Alan Malcolm Vawdrey, M.B., B.S. - - - - -	1946
Clapp, Kevin Hubert, B.Sc. - - - - -	1947	Cocks, Alec Douglas, B.D.S. - - - - -	1924
Claridge, Philip George Brian, B.E. - - -	1954	Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925) - - - - -	1939
*Clark, Allan David Everett, B.A. - - - - -	1935	Cocks, Bruce Gordon, B.D.S. - - - - -	1952
Clark, Annie Winifred, M.B., B.S. - - -	1922	Cocks, Edward Desmond, M.B., B.S. - - -	1942
Clark, Archie Septimus, B.Sc. - - - - -	1900	†Cocks, Keith Trestrail, B.Ec. - - - - -	1956
*Clark, Edward Vincent, B.Sc. - - - - -	1895	Cocks, Sydney Gordon, B.D.S. - - - - -	1925
Clark, Eunice Jean, B.Sc. - - - - -	1952	Coffey, Dennison Dean, LL.B. - - - - -	1953
Clark, Helen Goldthorp, M.Sc. - - - - -	1948	Coggins, Harold Douglas, B.Sc. - - - - -	1951
Clark, Henry William, B.A. - - - - -	1951	Coggins, Robert Symes, B.Sc. - - - - -	1949
Clark, Hugh Rodney, M.E. - - - - -	1938	B.A. - - - - -	1954
Clark, James Blyth, LL.B. - - - - -	1953	Coghlan, Marie Teresa Clare, B.A. - - -	1928
Clark, John Francis, B.D.S. - - - - -	1922	Cohen, Alexander Kevin, M.B., B.S. - - -	1950
Clark, John Osborne, LL.B. - - - - -	1941	†Cohen, Brian Carland Dunstan, M.B., B.S. - - - - -	1957
Clark, John Symonds, B.E. - - - - -	1951	†Cohen, Harry, M.B., B.S. - - - - -	1955
†Clark, Lesley Helen, B.Sc. - - - - -	1955	Cohen, Lena Sybil, B.A. - - - - -	1934
Clark, Mary Patricia, B.A. - - - - -	1951	Colby, Eunice Mary, B.Sc. - - - - -	1949
Clark, Pauline, B.Sc. - - - - -	1948	Cole, Anthony Haslam, B.Sc. - - - - -	1953
Clark, Robert John, LL.B. - - - - -	1933	Cole, Cyril Richard, B.Sc. - - - - -	1914
Clark, William Raymond, B.E. - - - - -	1951	†Cole, Joan Margaret, B.Sc. - - - - -	1957
Clarke, Allan Lawrence, B.Ag.Sc. - - - - -	1952	Cole, Jonathan Haslam, B.A. - - - - -	1954
Clarke, Andrew Michael Fausset, M.B., B.S. - - - - -	1951	Cole, Reuben Herbert George, B.Sc. - - -	1950
Clarke, Brian Russell, B.Sc. - - - - -	1945	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947
†Clarke, Geoffrey David, B.D.S. - - - - -	1956	Cole, Thomas Haslam, LL.B. - - - - -	1922
Clarke, Harold Vernon, B.D.S. - - - - -	1934	Colebatch, Gordon Thomas, B.E. - - - - -	1932
Clarke, Miles de Courcy, M.B., B.S. - - -	1942	Colebatch, Hal John Hester, M.B., B.S. - - -	1951
Clarke, Phil Gregory, B.A. - - - - -	1948	Colebatch, John Houghton, M.B., B.S. - - -	1933
Clarke, Reginald Harry, B.Sc. - - - - -	1939	Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - - - -	1906
Clarke, B.A. - - - - -	1942	Coleman, Arthur Paul, B.E. - - - - -	1948
Clark-Lewis, John William, Ph.D. (Nottingham, 1951) - - - - -	1956	Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880) - - -	1914
Clarkson, Alan James, M.B., B.S. - - - - -	1934	Coleman, Isabel Beryl Jean, B.A. - - - - -	1939
Clarkson, Colin Lloyd, B.S. - - - - -	1950	Coleman, James Terence, LL.B. - - - - -	1952
†Clarkson, Roger Philip, M.B., B.S. - - -	1956	Coleman, Margaret Christine, B.A. - - -	1945
†Claxton, Lindsay Graham, B.E. - - - - -	1955	Coles, Margaret Elizabeth, B.Sc. - - - - -	1945
Clayton, Arthur Ross, M.B., B.S. - - - - -	1902	Coles, Mignonette, B.A. - - - - -	1912
†Clayton, John Jesson, B.E. - - - - -	1957	Coles, Philip Douglas, B.A. - - - - -	1936
Clayton, Sally Jeanette, B.A. - - - - -	1954	†Collins, Allen Geoffrey, M.B., B.S. - - -	1956
Clegggett, Edith, B.A. - - - - -	1921	Collins, Charles Vincent, B.A. - - - - -	1931
†Clegggett, Lloyd, B.A. - - - - -	1955	Collins, Frank Miles, M.Sc. - - - - -	1952
Cleland, Elizabeth Robson, M.Sc. - - - - -	1935	Collins, Frank Sandford, B.E. - - - - -	1942
Cleland, James Lindsay, B.A. - - - - -	1954	Collins, John Malcolm, M.B., B.S. - - -	1952
Cleland, Joan Burton, M.Sc. - - - - -	1947	Collins, Leslie William Nettell, B.E. - - -	1931
Cleland, John Burton, M.B. (Sydney, 1902) - - - - -	1902	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) - - - - -	1918
Cleland, Margaret Burton, M.B., B.S. - - -	1932	Collison, Edith, B.Sc. - - - - -	1900
Cleland, Michael Edward E., LL.B. - - -	1951	Colman, William Russell Goodwin, B.E. - - - - -	1922
Cleland, Pamela Mary, B.A. - - - - -	1949	†Colquhoun, Lindsay Talbot, B.D.S. - - -	1956
LL.B. - - - - -	1956	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929) - - - - -	1933
Cleland, Peter Fullerton, LL.B. - - - - -	1947	Colton, John Blacker, LL.B. - - - - -	1941
Cleland, William Paton, M.B., B.S. - - -	1934	Colton, Robert Stirling, M.B., B.S. - - -	1944
Clements, Trevor Murray, B.D.S. - - - - -	1950	Colville, Arthur Landseer, LL.B. - - - - -	1905
Cleddinnen, Ian Jeffrey, B.Sc. - - - - -	1952	Colville, John Stuart, M.Sc. - - - - -	1956
Clezy, John Kenneth Albert, M.B., B.S. - - -	1954	Comley, Charles Herbert, M.A. - - - - -	1906
Clift, Lawrence Henry Marcus, B.A. - - - - -	1951	B.Sc. - - - - -	1910
Clisby, Robert Leonard, B.E. - - - - -	1954	Conant, James Bryant, D.Sc. (Sc.D. Columbia) - - - - -	1951
Clode, Ailsa Marjorie, B.A. - - - - -	1928	Condon, Robert Francis, B.Sc. - - - - -	1940
Close, Frank William, B.Sc. - - - - -	1931	M.B., B.S. - - - - -	1946
Close, Mary Frances, B.A. - - - - -	1940	Connor, Brian Anthony, M.B., B.S. - - -	1953
Close, Maynard Davidson, B.A. - - - - -	1938	Connor, John Leo, B.A. - - - - -	1935
Close, Ronald Wilkinson, B.Sc. - - - - -	1929	Conroy, Keith Douglas, B.E. - - - - -	1952
Close, Rosemary Jocelyn, M.B., B.S. - - -	1947	Conybeare, William James, B.A. (Cambridge, 1894) - - - - -	1895
Close, Walter John Westcott, M.S. (M.B., B.S., 1913) - - - - -	1929	Cook, Adrian Hartley, B.A. - - - - -	1952
Coaldrake, John Edward, M.Sc. - - - - -	1951	Cook, Ernest Peter, B.E. - - - - -	1929
Coates, Dorothy Ravelle, M.B., B.S. - - -	1949	Cook, Gordon James, B.Ec. - - - - -	1941
Coates, John Richard, M.B., B.S. - - - - -	1944	Cook, Hugh David, M.B., B.S. - - - - -	1953
Coats, Claude Hampson, M.A. - - - - -	1929	†Cook, Ronald Bruce, B.E. - - - - -	1957
Coats, Douglas Alan, M.B., B.S. - - - - -	1946	Cooke, Allan George, B.E. - - - - -	1945
Coats, Geraldine Dulcie, B.Sc. - - - - -	1951	B.Sc. - - - - -	1952
†Coats, Lloyd Stewart, M.B., B.S. - - - - -	1957	Cooke, Barbara Terment, B.Sc. - - - - -	1936
Cochrane, Gordon Ross, M.A. (New Zealand, 1955) - - - - -	1957	Cooke, David John, B.E. - - - - -	1954
Cock, Alexa Beatrice, B.A. - - - - -	1921	Cooke, Florence Emmeline, Mus.Bac. - - -	1900
Cock, Herbert Edward, B.D.S. - - - - -	1941	Cooke, Frank Edward, B.Sc. - - - - -	1950
Cock, Leonard Ambrose, M.B., B.S. - - -	1932	Cooke, Peter Terment, B.Sc. - - - - -	1931
Cockburn, Andrew Syme, M.B., B.S. - - -	1954	Cooke, Raymond Greayer, M.Sc. - - - - -	1938
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925) - - - - -	1934		
Cockburn, Patricia, B.A. - - - - -	1944		
Cockburn, Patrick, M.B., B.S. - - - - -	1914		
Cockburn, Robert Forbes, B.E. - - - - -	1933		

† Not yet Members of the Senate.

†Cooke, Theodore John Lloyd, M.B., B.S.	1956	Cowley, George Russell, B.E.	1949
•Cooke, William Terment, D.Sc.	1905	Cowley, John Maxwell, D.Sc. (M.Sc., 1945)	1957
Cooling, Max Sylvester, M.B., B.S.	1944	Cowling, Brian Deucalion, M.B., B.S.	1948
Coombe, Alec Holloway, M.A.	1933	Cowling, Gordon Aubrey, B.E.	1928
Coombe, Bryan George, M.Ag.Sc.	1957	Cowling, Lionel Deucalion, M.B., B.S.	1923
Coombe, Harold Robert, B.D.S.	1923	Cowperthwaite, Elsie Eleanor, M.A.	1906
Coombe, Murray Taylor, B.Sc.	1942	Cox, Alwyna Birchmore, M.Sc.	1932
Coombe, Reginald Joseph, LL.B.	1923	†Cox, Bernard John, B.E.	1956
Coombe, Robert John, B.D.S.	1950	Cox, Brian Rothwell, LL.B.	1953
Coombe, Samuel Walter, B.A.	1919	Cox, Carlton Ingham, B.Sc.	1929
Coombe, Toderick Edward, B.D.S.	1952	Cox, David Vassall, Mus.Bac.	1936
†Coonan, Edward Raymond, B.Ec.	1955	Cox, David William, B.Sc.	1934
Cooper, Adrian Harry Campbell, B.A.	1935	†Cox, John Samuel Tweedale, M.B., B.S.	1955
Cooper, Catherine Margaret LL.B.	1954	Cox, Norman Charles, B.E.	1951
Cooper, Constance May, M.B., B.S.	1904	Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Cooper, Donald Counter, M.B., B.S.	1921	Cox, Rudolph William Arthur, B.E.	1921
Cooper, Kenneth Francis, M.B., B.S.	1929	†Cox, William Frederick, B.Sc.	1955
Cooper, Maxwell, B.Sc.	1950	Crabbe, Gavin Murray, M.B., B.S.	1927
Cooper, Thomas Edwards, B.E.	1922	†Crafter, Kenneth Charles, M.B., B.S.	1944
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913)	1913	Craig, William Alexander, B.E.	1950
Coote, George Gilbert, B.Sc.	1931	Craker, David Lindsay, B.Sc.	1951
B.A.	1939	Craker, John Melville, B.Sc.	1954
Cooter, Robert Benjamin, M.B., B.S.	1952	B.E.	1956
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Cramond, Kelvin Malcolm (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	1945
Corbin, Cecil, M.B., B.S.	1894	Cramond, Margaret Mary Alyn, B.A.	1952
Corbin, Clive Wilson, B.E.	1932	Crampton, Mary Hope St. Clair, M.A.	1926
Corbin, Horace Hugh, B.Sc. (London, 1904)	1913	Cran, James Alexander, M.D.S.	1952
Corbin, John Ogilvie, M.B., B.S.	1933	Crane, Alexander Herbert, B.Sc.	1926
Corbin, Katherine Anne, LL.B.	1941	Crane, Greta Ruby, B.Ec.	1937
Cormier, Kathleen, B.A.	1943	Crane, Neil Raymond, B.Sc.	1954
Cornelius, Muriel Merle, B.A.	1951	Cranley, Patrick, M.B., B.S.	1952
Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938	Craton, Patricia Clarice, B.A.	1948
†Cornell, Philippa Sinclair, B.A.	1956	Craven, David Edward, M.B., B.S.	1943
Corney, Eric Ronald, M.A.	1937	Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897
Cornish, Alan Alfred Ernest, B.E.	1939	Creed, Philip John, M.B., B.S.	1950
Cornish, Anne Claire, B.A.	1949	Creeth, James Michael, Ph.D. (London, 1948)	1955
Cornish, Brian Leslie, M.B., B.S.	1947	Cresswell, Edwin Fletcher, B.E.	1927
Cornish, Edmund Alfred, D.Sc.	1951	Cresswell, George Edwin, LL.B.	1939
Cornish, Jack Rodolph, LL.B.	1928	†Cresswell, Harry Richard, B.Ec.	1956
Cornish, John Edwin, B.Sc.	1943	Cresswell, Reginald Gilbert Dorrien, LL.B.	1937
Cornish, Joseph Ruskin, M.B., B.S.	1923	Crisp, Brian Correll, M.D.S.	1952
Corpe, John Wood, B.E.	1935	Crisp, Charles Stephens, B.Sc.	1948
Correll, Shirley Edith, B.A.	1953	Crisp, Colin Francis Correll, B.E.	1954
Corry, Samuel Lloyd, M.B., B.S.	1910	Crisp, John Douglas Correll, M.E.	1956
Cosgrove, Bernard Augustin, B.A.	1942	Crisp, Leslie Finlay, M.A.	1948
Cosh, Elma, B.A.	1944	Crisp, Margaret Emily, M.Sc.	1950
Cosh, James Malthouse, B.A.	1943	Crocker, Dudley Furseaux, B.E.	1939
Cosh, Joyce Rosalind, B.A.	1949	Crocker, Robert Langdon, D.Sc.	1948
†Cossich, Lorraine, B.A.	1957	Crocker, Walter Russell, B.A.	1925
Cottell, Dorothy Jean, B.A.	1940	Croft, Edwin George, LL.B.	1952
Cottew, Geoffrey Selkirk, B.Sc.	1949	Croker, Annie Isobel, B.A.	1934
Cotton, James Murray, M.B., B.S.	1926	Crumer, D'Arcy Ananda Neil, M.Sc.	1935
Cotton, John Carrington, B.Sc.	1951	Crompton, David Owen, M.B., B.S.	1939
Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Crompton, James Woodhouse, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Cottrell, Eric, B.E.	1935	Crompton, Robert Woodhouse, Ph.D.	1954
Coulls, Brian Helston, B.Sc.	1950	Crook, Marjorie Marion, B.A.	1940
†Coulter, John Richard, M.B., B.S.	1956	Crook, Richard Dallas, B.Sc.	1940
Coulter, Wilfred Neil, B.E.	1954	Crook, Walter Ralph, B.E.	1953
Comsall, Ruth Kingsley, B.A.	1951	†Cropley, Arthur John, B.A.	1957
Couche, Raymond Arthur, B.Sc.	1949	Cropley, Frederick Waterton, B.E.	1932
Coventry, Cameron Hilder, B.Sc.	1900	Crosby, Melville Alexander Keith, M.E.	1944
Covernton, John Selby, M.D. (M.B., B.S., 1931)	1947	Crosby, Neil Daniel, M.D. (M.B., B.S., 1935)	1951
Cowan, Sir Darcy Rivers Warren, M.B., B.S.	1908	Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
Cowan, George Dalrymple, LL.B.	1911	†Cross, Jack, B.A.	1957
Cowan, Leslie Thompson, B.Sc.	1907	Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956
Cowan, Robert Francis, B.A.	1912	Croucher, Colin, M.B., B.S.	1950
Cowan, Ronald William Trafford, B.A.	1936	Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Cowan, William Albert, M.A. (N.Z., 1930)	1934	Crowe, Brian Rooney, LL.B.	1952
Coward, Ivan Fernley, B.Ec.	1940	†Crowe, Dean Salter, B.E.	1957
B.A.	1951	Crowe, Elizabeth Mary, B.A.	1951
Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932	†Crowe, Noel Raymond, LL.B.	1957
Cowell, Dorothy Margaret, B.A.	1941		
Cowell, Geoffrey Reginald, B.Sc.	1922		
Cowell, James Richard, B.A.	1939		

* Deceased.

† Not yet Members of the Senate.

Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957	†Davis, Frederick Harry, B.A.	1955
Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932	Davis, Harold Julian, M.B., B.S.	1927
Cruickshank, Donella Heather, M.Sc.	1943	Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
Crump, Cecil Charles, LL.B.	1923	Davis, Hubert Garth, M.B., B.S.	1937
B.A.	1935	Davis, John Alexander, B.E.	1929
*Cudmore, Sir Arthur Murray, M.B., B.S.	1894	Davis, Kingsley, B.E.	1950
Cudmore, Collier Robert, B.A. (Oxford, 1909)	1932	†Davis, Margaret Lily, B.A.	1955
Cullity, Thomas Brendan, M.B., B.S.	1947	Davis, Ray, B.Sc.	1915
Culshaw, George Vincent, LL.B.	1927	Davis, Robert Bruce, B.A.	1948
Culver, Dorothy Evelyn, B.Sc.	1945	Davis, Robert George, B.Sc.	1951
Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	°Davison, Gordon William, B.A.	1931
B.Sc.	1949	Davoren, John Joseph, LL.B.	1922
Culver, Roy Vernon, Ph.D.	1955	Davy, Arthur Francis, B.D.S.	1951
Cunningham, Mark Laurence, M.B., B.S.	1953	†Daw, Arthur Baden Secombe, B.Ec.	1957
Curmow (nee Gilham), Doreen, B.A.	1950	Daw, Francis Alan, B.Sc.	1945
Curry, Allan Ralph, B.E.	1949	Dawbarn, Mary Campbell, M.Sc.	1928
Cusack, John Charles, B.Sc.	1954	Dawes, Walter Ernest, B.A.	1954
Cussen, Nan Woodforde, B.A.	1935	Dawkins, Albert Norman, B.E.	1922
Custance, Harold Maxwell, B.Sc.	1941	Dawkins, Alec Letts, M.B., B.S.	1927
Custance, John Kentish, B.E.	1947	Dawkins, Alfred Ernest, B.Sc.	1912
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953	Dawkins, Donald Campbell, M.B., B.S.	1939
D.			
Dack, Thomas, B.A.	1938	°Dawkins, Lindsay Cramp, B.E.	1932
Daddow, Henry Howard, B.A.	1940	Dawkins, Margaret Ina, B.A.	1938
Daenke, Lachlan Lewis, B.D.S.	1950	Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920
Daily, Brian, Ph.D. (B.Sc., 1952)	1957	Dawson, Alfred Lisle, B.Sc.	1926
Dallwitz, Walter Berthold, B.A., M.Sc.	1940	Dawson, David Lancelot, B.A.	1934
†Dally, Frederick George, M.B., B.S.	1956	Dawson, Geoffrey Dean, B.E.	1937
†Dally, John Alton, B.A.	1956	Dawson, Joseph Bernard, M.D. (London, 1911)	1920
Daltry, Kate, M.A.	1924	Dawson, Michael Dean, M.B., B.S.	1942
Daly, David James, M.B., B.S.	1952	†Dawson, William Inglis, M.B., B.S.	1957
Daly, Lawrence John, B.E.	1951	Day, Alison Chapman, B.Sc.	1947
Daly, Lewis John, B.A.	1953	Day, Allan John, M.Sc.	1950
Daly, Lyndsay James, M.B., B.S.	1954	M.D. (M.B., B.S., 1954)	1957
Dalziel, Lawrence Henry, B.A.	1949	Day, Graham John, B.D.S.	1951
Daniell, Aileen Edna, B.A.	1950	Day, John Bice, B.D.S.	1944
†Daniels, Brian William, M.B., B.S.	1957	Day, Kathleen Emily, B.Sc.	1931
Darling, Leslie Hayward, M.Sc.	1949	Day, Robert Sydney, M.B., B.S.	1934
†Darr, David James, B.Sc.	1955	Deam, Robert Joseph, B.Sc.	1942
Darragh, Peter John, B.Sc.	1950	†Deacon, Glen Berenger, B.Sc.	1957
Dart, Ralph John, B.E.	1915	Deans, Absalom, B.A.	1912
Darwin, Errol Rafael Henry, B.Sc.	1907	Dearlove, Thomas Pearce, M.B., B.S.	1942
Darwin, Lisle Julius, M.A.	1910	Dearman, Cyril Henry, B.E.	1950
Davenport, John, M.B., B.S.	1952	De Boehme, Cecil Brooks, LL.B.	1931
Davey, Constance Muriel, M.A.	1918	De Cean, Neil, B.E.	1951
Davey, Esther Marion, B.Sc.	1915	Deer, John Gregory, B.Sc.	1948
Davey, Laurence Llewellyn, M.B., B.S.	1913	Deer, William Henry, B.E.	1950
Davey, Roy Herbert, B.Sc.	1920	Deland (nee Robjohns), Annie Joan, B.A.	1923
†Davey, Victor Stanley, B.E.	1955	Deland, Charles Mervyn, M.B., B.S.	1924
David, Daniel Arthur, M.A.	1930	†Deland, Curtis George, M.B., B.S.	1955
David, John Fairhall (B.A., 1952)	1955	†Deland, Peter Leonard, B.Sc.	1955
B.Ec.	1955	Deland, Raymond John, B.Sc.	1947
Davidson, James Logie, M.Ag.Sc.	1956	Dellow, Peter Glynn, B.D.S.	1949
Davidson, Robert Thomas, M.B., B.S.	1951	M.B., B.S.	1957
Davidson, Roy Laidlaw, B.A.	1907	Delmont, William George, B.D.S.	1932
†Davie, Robert Samuel, B.E.	1955	Delprat, Lica, M.B., B.S.	1910
†Davies, Cathrine Margaret, B.A.	1957	Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909
Davies, Clive Runnalls, B.A.	1909	Dempsey, Richard Francis, LL.B.	1888
Davies, David Llywelyn, M.B., B.S.	1943	Denby, Ernest Frank, B.Sc.	1951
†Davies, Donald John, B.E.	1955	Denis, William Norman, B.Sc.	1951
Davies, Donald Laurence, B.E.	1951	Dennis, Alan Henry, B.A.	1936
Davies, Ernest Salter, M.A. (Oxford)	1937	†Dennis, Barbara Joan, B.Sc.	1955
Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953	Dennis, Edwin, B.Sc.	1950
°Davies, Natalia, B.A.	1930	†Dennis, William John Allenby, B.Sc.	1958
Davies, Norma Esther, M.B., B.S.	1953	†Dent, Marjorie, B.A.	1958
Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951	Denton, James Graham, M.B., B.S.	1954
Davies, Rodney Deane, M.Sc.	1953	Denton, Noel Fletcher, M.B., B.S.	1945
Davies, Sheila Caroline, B.A.	1948	Derrington, Arnold Ward, M.B., B.S.	1947
Davies, William Laurence, B.A.	1914	Devaney, Helen, LL.B.	1942
†Davis, Brian, B.Ec.	1955	de Vedas, Jack, M.B., B.S.	1938
Davis, Christine Joyce, B.A.	1937	Dew, Ian Albert, B.Sc.	1953
Davis, Clive, B.Sc.	1951	Dewar, Colin Chudleigh, M.B., B.S.	1949
Davis, David, B.A.	1906	Dewar, Donald Gordon, B.E.	1952
Davis, Edward Bruce, B.Sc.	1949	Dewar, John, B.Sc. (Eng.)	1945
		Diamond, Arthur Ian, B.A.	1952
		Dickson, Warren, B.A.	1949
		Dibden, Frederick Andrew, M.B., B.S.	1941
		Dibden, William Andrew, M.B., B.S.	1939
		Dick, Gordon Stuart Blyth, B.Sc.	1923
		Dietman, Clarence Charles, M.B., B.S.	1954
		Digance, James Roy, B.A.	1945

* Deceased.

† Not yet Members of the Senate.

Diggle, John Nelson, M.B., B.S.	- -	1946	Draper, Morrell Henry, M.B., B.S.	- -	1944
Dilworth, Nerida Margaret, M.B., B.S.	- -	1950	Draper, Neil, B.E.	- - - -	1953
Dineen, Desmond Patrick, M.B., B.S.	- -	1952	Draper, Ronald Philip, Ph.D. (Nottingham, 1953)	- - - -	1956
Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	- - - -	1957	Drever, Donald Edward, M.B., B.S.	- -	1926
†Dingle, Ian Ridgway, B.D.S.	- - - -	1957	Drever, Ian Campbell, M.B., B.S.	- -	1951
Dinham, Charles Anthony, B.E.	- - - -	1952	Drew, Charles Francis, M.B., B.S.	- -	1911
Dinning, Alfred Ernest, B.A.	- - - -	1915	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	- - - -	1947
Dinning, Rodney Alfred Brady, B.A.	- -	1950	Drew, Michael John Roskilly, M.B., B.S.	- - - -	1951
Dinning, Trevor Alfred Ridley, M.B., B.S.	- - - -	1942	Dridan, Julian Randal, B.E.	- - - -	1922
°Disher, Ian MacKinnon, B.D.S.	- -	1943	Driscoll, Hilda Marion, B.A.	- - - -	1908
Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	- - - -	1954	Drummond, Euphemia Gibb, B.A.	- -	1923
Dix, Alfred James, B.E.	- - - -	1930	Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - - -	1947
†Dixon, John, B.Ec.	- - - -	1957	Ducray, Suzette Eleanor, M.B., B.S.	- -	1949
Dixon, Lyall Douglas, M.A.	- - - -	1931	Dudley, Keith, B.E.	- - - -	1953
Doble, William Devon, B.E. (Sydney, 1943)	- - - -	1957	†Dudzinski Miroslaw Leonard, B.Ec.	- -	1955
Dobson, Lesbia Constance Alma, B.A.	- -	1947	Duffield, Kenneth Churchill, LL.B.	- -	1925
Dodd, Leslie, B.A.	- - - -	1947	Duffy, Ross Martin, LL.B.	- -	1951
Dodd, Robert Hedley, B.A.	- - - -	1931	Duguid, Andrew Melville, B.Sc.	- -	1954
Doddridge, Albert Keith, M.B., B.S.	- -	1953	Duguid, Charles, M.B., B.S. (Glasgow, 1909)	- - - -	1920
†Dodwell, David, B.A.	- - - -	1955	Duguid (nee Lade), Phyllis Evelyn, B.A.	- - - -	1925
Dodwell, George Frederick, B.A.	- - - -	1905	Duguid, William George, M.B., B.S.	- -	1948
Dohnt, Brian Ray, B.Sc.	- - - -	1945	Dumas, Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913)	- - - -	1931
Doley, Maurice Edward, B.E.	- - - -	1939	†Duncan, Andrew Kenneth, B.Sc.	- -	1957
Dolling, Charles Hoani Scott, B.Ag.Sc.	- -	1951	Duncan, James Playford, M.E.	- - - -	1954
Dolling, Eleanor Ngaire, B.Sc.	- - - -	1950	Duncan, Keith Sinclair, B.E.	- - - -	1922
Doman, Frederick Spencer Howe, M.B., B.S.	- - - -	1949	Duncan, Robert Allan, B.Sc.	- - - -	1951
Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agric. Sydney, 1933)	- - - -	1939	Duncan, Robert Lawrence, B.E.	- - - -	1951
Donaldson, Arthur, B.A.	- - - -	1881	Duncan, Ross, M.A.	- - - -	1952
Donaldson, George, B.A.	- - - -	1882	Duncan, Walter George Keith, Ph.D. (London, 1930)	- - - -	1951
Donaldson, Muriel Grace, B.A.	- - - -	1934	Duncan-Hughes, John Grant, M.A. (Cambridge, 1910)	- - - -	1910
Donnellan, Teresa Marie, B.A.	- - - -	1945	Dungey, Kevin Leonard, B.A.	- - - -	1943
Donnelly, Thomas Hewson, M.B., B.S.	- -	1937	Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906)	- - - -	1935
Donnelly, Thomas Hugh, M.B., B.S.	- -	1911	Dunlevie, Ellen Emily, B.A.	- - - -	1927
*Donnithorne, William, LL.B.	- - - -	1926	Dunlop, Colin Wesley, M.Sc.	- - - -	1955
Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	- - - -	1952	Dunlop, Walter James, B.A.	- - - -	1952
Donovan, Mortimer Edward, M.B., B.S.	- - - -	1946	Dunn, David Everson, M.B., B.S.	- - - -	1951
Doolan, Ernest Joseph, B.A.	- - - -	1944	Dunn, Edith Marie, B.A.	- - - -	1940
Doollette, John Barton, B.Ag.Sc.	- - - -	1951	Dunn, John Edgar, M.B., B.S.	- - - -	1952
Dore, Frederick Arthur, B.Sc.	- - - -	1951	Dunn, Peter Charles, B.E.	- - - -	1954
Dorman, David Charles, B.Sc.	- - - -	1950	Dunn, Sydney Stephen, B.A.	- - - -	1947
Dorman, John Ernest, M.B., B.S.	- - - -	1940	Dunn, Talbot Lewis, M.B., B.S.	- - - -	1927
Dornwell, Edith Emily, B.Sc.	- - - -	1885	Dunne, Lawrence John, B.Sc.	- - - -	1947
Dorsch (nee Heyne), Agnes Marie Johanna, B.A.	- - - -	1891	Dunning, John Angus, M.A. (Oxford, 1937)	- - - -	1950
Dorsch, Ernst Georg, B.A.	- - - -	1915	†Dunning, Robert Grant, B.A.	- - - -	1957
Dorsch, Magdalene Hedwig, B.A.	- - - -	1926	Dunstan, Bruce Henderson, B.D.S.	- - - -	1951
Dorsch, Theodor Siegfried, B.A.	- - - -	1933	Dunstan, Donald Allan, LL.B.	- - - -	1949
Dorsch, Wilhelm Bernhard, M.B., B.S.	- -	1933	Dunstan, Ian Henderson, B.D.S.	- - - -	1950
Doudy, Cecil Roy, LL.B.	- - - -	1906	Dunstan, Richard English, M.B., B.S.	- - - -	1951
Douglas, Donald Robin, B.Sc.	- - - -	1949	Dunstone, David Darroch, M.B., B.S.	- - - -	1954
Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897)	- - - -	1898	Dunstone, Glen Donald, B.D.S.	- - - -	1946
†Douglas, Frank Nugent, M.B., B.S.	- -	1956	Dunstone, John Leonard, M.B., B.S.	- - - -	1939
Douglas, Hugh Matheson, M.B., B.S.	- -	1947	Dunstone, Max Warwick, M.B., B.S.	- - - -	1948
Douglas, Robert Langton, M.A. (Oxford, 1891)	- - - -	1900	Dunstone, Sydney Morgan Lewis, M.B., B.S.	- - - -	1939
Douglas, Sholto John, M.B., B.S.	- - - -	1930	Durbin, Ronald Walter, B.E.	- - - -	1951
Dow, Ian Baird, LL.B.	- - - -	1953	Durham, James Graham, M.B., B.S.	- - - -	1951
Dow, Lorna Ruth, M.B., B.S.	- - - -	1954	†Durie, Robert Alan, B.A.	- - - -	1955
Dow, William Harold John, B.Sc.	- - - -	1949	DuRieu, Beverley Robertson, B.Sc.	- - - -	1949
Dowding, Alan Lorimer, B.Sc.	- - - -	1950	Dutton, Alan Hewitt, B.E.	- - - -	1938
Dowdy, Norman James, B.A.	- - - -	1948	Dutton, Alice Irene, M.B., B.S.	- - - -	1940
Dowie, David Lincoln, M.E.	- - - -	1935	Dutton, Gilbert Henry, B.Sc. (Wales, 1902)	- - - -	1921
Dowie, Donald Alexander, M.B., B.S.	- -	1954	Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949)	- - - -	1953
Dowling, Donald Augustus, M.B., B.S.	- -	1923	Dwyer, John Matthew, M.B., B.S.	- - - -	1928
Downey, Donnell Raymond, LL.B.	- -	1930	Dyer, Bruce Herbert, B.E.	- - - -	1951
Downing, Bruce Jacob, M.B., B.S.	- -	1953	Dyer, James Ross, B.E.	- - - -	1951
°Downing, Donald Lewis, B.Sc.	- -	1944	Dyster, Thomas, B.A.	- - - -	1953
Downing, Robert Gregory, M.B., B.S.	- -	1952			
Downs, Benjamin, M.E. (Liverpool, 1947)	- - - -	1949			
Downs, George William, B.A.	- - - -	1947			
Downs, Howard Albert, B.A.	- - - -	1949			
Doyle, Leo James, LL.B.	- - - -	1931			
Drabsch, Alfred Felix, B.A.	- - - -	1941			
Draper, Fred, B.Sc.	- - - -	1924			

° Deceased.

† Not yet

Members of the Senate.

Earl, Dorothy Elizabeth, B.A. (London, 1915) - - - - -	1917	England, Harry Clement, B.E. - - -	1930
Earl, John Alfred, M.B., B.S. - - -	1949	Ericksen, Matthias, M.B., B.S. - - -	1903
Earl, John Campbell, D.Sc. - - -	1926	†Ericson, Leon Gordon, B.Sc. - - -	1955
Earle, Ronald Frank, B.E. - - -	1952	†Esdaile, James Durie, B.E. - - -	1955
East, Vernon Roy, B.A. - - -	1943	Espie, Frank Fancett, B.E. - - -	1913
†Easton, Frederick William Spencer, M.B., B.S. - - - - -	1958	Espie, Frank Fletcher, B.E. - - -	1947
†Eaton, Heather Campbell, B.A. - - -	1957	†Eselbach, Rodney, B.A. - - -	1956
†Eaton, Raymond George, B.Ec. - - -	1956	Eustace, John Leonard, B.D.S. - - -	1921
Eberhard, Sydney Thomas, B.Sc. - - -	1944	†Evans, David Wyke, B.Ec. - - -	1957
Eblen, Colin Dominic, B.D.S. - - -	1951	Evans, Dene, B.E. - - -	1951
Eckersley, Arnold Broughton, B.D.S. -	1938	Evans, Eric Laurence, B.A. - - -	1930
Eckersley, Percy Cyril Wheaton, B.A. -	1921	Evans, Geoffrey Gordon Llewellyn, B.D.S. - - - - -	1951
Eddy, David Rendall, B.Sc. - - -	1949	Evans, George Richard, B.E. - - -	1937
Eddy, James Robert, B.Sc. (Eng.) - - -	1942	†Evans, Horace Clement, B.Ec. - - -	1956
Edelman, Howard John, M.B., B.S. - - -	1939	Evans, John William, M.A. (Cambridge, 1931) - - - - -	1932
Eden, Owen Frederick, B.Sc. - - -	1947	Evans, Kenneth Alan Greig, M.B., B.S. -	1953
Edson, Emily Geraldine, M.A. (Melbourne, 1895) - - - - -	1902	†Evans, Lloyd Lindsay Carey, M.B., B.S. -	1957
†Edgar, Heather Mary, B.A. - - -	1957	†Evans, Marilyn Joan, B.A. - - -	1957
†Edgar, Oscar Patrick, M.B., B.S. - - -	1955	Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929) - - - - -	1943
†Edgar, Robert Steel, M.Sc. - - -	1945	Evans, Owen Ross, B.E. - - -	1950
Edge, Robert Harold, B.Sc. - - -	1952	Evans, Robert George, M.B., B.S. - - -	1954
Edgeloe, Victor Allen (Clerk of the Senate), B.A. - - - - -	1932	Evans, Walter Alfred Wyke, B.D.S. - - -	1928
Edgerley, Margaret Janetta, B.A. - - -	1927	Evans, Wilfred Robert, B.E. - - -	1924
Edgerley, Mark William, B.Sc. - - -	1950	Everard, Betty Ann, B.Sc. - - -	1945
Edmonds, Stanley Joe, M.Sc. - - -	1947	*Everard, James Edward, M.B., B.S. -	1910
Edwards, Allan Kingswood Morgan, B.Sc. - - - - -	1935	†Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951) - - - - -	1951
Edwards, Gordon Robert, B.Ag.Sc. - - -	1930	Ewens, John Qualtrough, LL.B. - - -	1929
†Edwards, Graham William, B.E. - - -	1957	*Ewers, Keith Ambrose, B.Sc. - - -	1949
†Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S., 1921) - - - - -	1923	†Ewers, William Hector, B.Sc. - - -	1957
Edwards, Karl Francis, M.B., B.S. - - -	1932	Ewers, William David, B.A. - - -	1934
Edwards, Naomi June, B.D.S. - - -	1944	Excell, John Eliot, B.E. - - -	1940
Edwards, Pamela Julie, M.B., B.S. - - -	1951	Ey, Geoffrey Thomas, M.B., B.S. - - -	1947
Edwards, Shirley Blanche, B.Sc. - - -	1944	†Eyers, Vivian George, B.Sc. - - -	1955
Edwards, Victor Wilfred Alcorn, B.A. -	1948	Eyles, Helen Mary, B.Sc. - - -	1943
†Eggleton, David Grosvenor, M.Sc. - - -	1956	Eyles, Philip Sydney, M.B., B.S. - - -	1942
†Eggleton, Felicity Janet, B.A. - - -	1955	B.A. - - -	1949
Eglinton, Margi Stewart, B.Sc. - - -	1945	Eylward, Richard John, B.Sc. - - -	1954
Ehmcke, Freda Evelyn, M.B., B.S. - - -	1931	F	
Eimer, George Herman, B.E. - - -	1937	Fahey, John Kevin, B.E. - - -	1950
Elder, Audrey Olive, B.A. - - -	1945	Faby, Frederick Edward, B.E. - - -	1953
Eldridge, David Melbourne, M.B., B.S. -	1948	Fairley, James, M.B., B.S. - - -	1941
Eley, Agnes May, B.A. - - -	1944	Fairley, Neil Hamilton, M.D. (Melbourne, 1917) - - - - -	1949
Eley, John Robert, B.Sc. - - -	1947	Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913) - - -	1913
Elford, Harold Stewart, B.E. - - -	1925	Fairweather, Edna May, B.A. - - -	1932
Elford, Malcolm Thomas, B.Sc. - - -	1953	†Fairweather, Ethel Firl, B.D.S. - - -	1955
Elford, William Graham, Ph.D. - - -	1955	Fairweather, John Henry, B.E. - - -	1954
†Elhay, Isaac Jacques, B.A. - - -	1956	Falkenberg, Walter Edwin, B.A. - - -	1940
Elix, David Llewellyn, B.E. - - -	1939	†Fargher, Philip John, B.E. - - -	1956
Elix, Ralph Louis, M.B., B.S. - - -	1954	Farmer, Helen Robinson, B.A. - - -	1945
Elix, Robert Hugo, M.B., B.S. - - -	1938	Farnell, Leila Mavis, B.A. - - -	1933
†Elix, Robin Guion, B.E. - - -	1957	Farr, Alan Pembroke, B.A. - - -	1950
†Elliott, Brian Robinson, D.Litt. - - -	1955	Farrell, Edward Francis, B.A. - - -	1940
†Elliott, Keith, LL.B. - - -	1934	Farrent, Thomas Albert, B.Sc. - - -	1923
†Elliott, Kenneth Alexander, B.Ag.Sc. -	1932	B.E. - - -	1924
†Elliott, Lionel John, LL.B. - - -	1936	Farrer, Kenneth Joseph, B.A. (Manchester, 1949) - - - - -	1954
†Elliott, Murray William, M.B., B.S. -	1943	Farrow, Murray Aubrey, B.A. - - -	1945
†Elliott, Robert Bartlett, M.B., B.S. -	1956	†Farrow, Robert Murray, B.A. - - -	1956
†Elliott, Ronald Donovan, LL.B. - - -	1931	†Farsch, Rehle Katherine, B.A. - - -	1955
Ellis, Annie Rita, B.Sc. - - -	1905	Faunce, Marcus de Laune, M.B., B.S. -	1946
Ellis, Arthur Benjamin, B.A. - - -	1911	Favilla, Domenico Raffaello, B.Ec. - - -	1954
Ellis, Brian David, B.A. (B.Sc., 1950) -	1953	*Fawcett, Wilfred D'Arcy, B.E. - - -	1929
Ellis, Bruce Walter, B.A. - - -	1949	Featherstone, Dora Bewlay, M.A. - - -	1932
Ellis, Charlotte, B.A. - - -	1950	Fechner, Martin Johann Traugott, B.A. -	1937
Ellis, Frank, B.E. (B.Sc., 1907, surrendered for B.E., 1913) - - - - -	1913	†Fee, Warren William, B.Sc. - - -	1956
M.A. - - - - -	1913	Felbberg, Tasman Julius August, B.A. -	1932
Ellis, Howard John, M.B., B.S. - - -	1946	Felgenhaur, Robert Frederick, B.A. - -	1949
†Ellis, John Vickery, B.Ag.Sc. - - -	1957	*Fenner, Charles Albert Edward, D.Sc (Melbourne, 1917) - - - - -	1920
Ellis, Ronald Dudley, B.E. - - -	1947	Fenner, Frank John, M.D. (M.B., B.S., 1938) - - - - -	1942
Ellis, Roy Gilmore, B.D.S. - - -	1926	Fenner, William Greenock, B.E. - - -	1945
†Ellison, Lawrence Roy, B.E. - - -	1955	Fenwick, Aline Mary, LL.B. - - -	1944
Elms, Valerie Lois, M.B., B.S. - - -	1952	Ferguson, Andrew, B.Sc. - - -	1904
Emery, Warren Frederick, M.B., B.S. -	1946	Ferguson, Wilfred John, B.A. - - -	1930
England, Clarence William, M.B., B.S. -	1925	Ferguson, William Rex, B.E. - - -	1931
England, Ernest Bert, M.B., B.S. - - -	1952	Ferguson, George Robert, B.A. - - -	1953
England, Ernest James, M.B., B.S. - - -	1951		
England, Harold Norman, B.Sc. - - -	1925		

* Deceased.

† Not yet Members of the Senate.

Ferres, Helen Millicent, M.Sc.	- - -	1949	Flynn, Kevin John, B.A.	- - -	1938
Ferrett, Robert George, LL.B.	- - -	1952	Foale, Harold Robert, LL.B.	- - -	1933
Fidock, Dean Henwood, B.E.	- - -	1952	†Foale, Michael Ambrose, B.Ag.Sc.	- - -	1957
†Field, Alan Kimber, B.A.	- - -	1956	†Foong, Siew Muay, M.B., B.S.	- - -	1957
Field, Frederick Laurence, LL.B.	- - -	1936	Foord, Peter Maxwell, B.E.	- - -	1952
Fielding, Leonard Edmund, B.E.	- - -	1937	Foote, George Buchanan, B.Sc.	- - -	1934
Filmer, Kenneth Frederick, B.D.S.	- - -	1946	Forbes, Alexander James deBurgh, B.A.	- - -	1951
Filsell, Owen Holbrook, B.Sc.	- - -	1954	Forbes, Bryan George, Ph.D.	- - -	1956
Finch, Emily Olive, B.A.	- - -	1913	†Forbes, David Stewart, M.B., B.S.	- - -	1955
Finch, Peter Stewart, M.B., B.S.	- - -	1952	†Forbes, Ian James, M.B., B.S.	- - -	1956
Finger, Martyn Rudolph, B.E.	- - -	1951	Forbes, William, B.A.	- - -	1936
Finlay, Ada Jeanne, B.A.	- - -	1951	Ford, James Albert, B.A.	- - -	1919
Finlay, Frederic Albert Montague, Mus.Bac.	- - -	1940	Ford, Raymond William, B.E.	- - -	1922
Finlayson, Allan Harvey, B.E.	- - -	1932	Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	- - -	1956
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	- - -	1936	Forder, Charles Rex, B.D.S.	- - -	1928
Finlayson, Frank Harvey, B.E.	- - -	1930	Forder, Douglas Highmoor, B.Sc.	- - -	1932
Finlayson, James Francis, B.Sc.	- - -	1940	B.A.	- - -	1938
Finn, Beatrice Mary, B.A.	- - -	1938	Forder, Howard Hamlyn, B.E.	- - -	1926
Finnis, Horace Percy, M.A. (Melbourne, 1910)	- - -	1922	Fordham, Juanita Horwood, B.A.	- - -	1927
Mus.Bac.	- - -	1932	Forgan, Anthony James, B.E.	- - -	1954
Finnis, Maurice Meredith Steriker, B.A.	- - -	1937	Forgan, Frederick Robert, LL.B.	- - -	1928
*Finniss, John Henry Suffield, M.B. (Edinburgh, 1876)	- - -	1886	Forgan, Humphrey Crayle, B.E.	- - -	1927
†Finucane, Kevin Eugene, M.B., B.S.	- - -	1957	Forgan, Sydney Bayly, M.B., B.S.	- - -	1926
Fischer, Arthur Frederick, LL.B.	- - -	1925	Forgie, Donald Schollar, B.A.	- - -	1949
Fischer, George Alfred, B.A. M.B., B.S.	- - -	1888	°Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901)	- - -	1937
Fischer, Gerald Lyn, B.A.	- - -	1894	Fornachon, John Charles Macleod, M.Sc.	- - -	1943
Fishburn, Thomas Harold, B.A.	- - -	1954	Forrest, Waldie William, B.Sc.	- - -	1948
Fisher, Anthony Graham, M.B., B.S.	- - -	1932	Foster, William Edward Stanley, LL.B.	- - -	1950
Fisher, Francis Robert, LL.B.	- - -	1946	Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954)	- - -	1955
Fisher, George Read, B.E.	- - -	1925	Forsyth, Robert Samuel, B.A.	- - -	1937
Fisher, Harry Medcalf, M.B., B.S.	- - -	1922	†Forwood, Peter Strauss, B.Sc.	- - -	1956
†Fisher, Helen Joan, B.Sc.	- - -	1955	†Foster, Robert Jacob, B.E.	- - -	1955
Fisher, James Hubert Thomas, M.E.	- - -	1950	Fotheringham, James David, M.B., B.S.	- - -	1937
Fisher, Ruben Walter Alfred, B.A.	- - -	1948	†Fotheringham, Walter Douglas, B.E.	- - -	1956
Fisher, Tryphena Ellen, B.A.	- - -	1930	Fowler, Dorothy Colyer, B.A.	- - -	1949
Fisk, Graham Bristow, M.B., B.S.	- - -	1946	Fowler, James Henry, B.E.	- - -	1952
†Fitch, Kenneth Duncan, M.B., B.S.	- - -	1955	†Fowler, Kenneth Raymond, B.A. (Melbourne, 1908)	- - -	1955
Fitch, Rosemary Lamburn, B.A.	- - -	1949	Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	- - -	1951
†Fitzgerald, Anne-Marie, B.Sc.	- - -	1955	Fowler, Russell Aubrey, B.Sc.	- - -	1919
Fitzgerald, Bartholomew John, B.A.	- - -	1929	Fox, David Michael, B.D.S.	- - -	1953
Fitzgerald, Clarence Lindsay, B.A.	- - -	1952	Fox, Ina Alice Owen, M.B., B.S.	- - -	1938
Fitzgerald, Gerald, B.D.S.	- - -	1932	Fox, Robert Owen, M.B., B.S.	- - -	1925
Fitzgerald, Hugh Lawrence, B.A.	- - -	1940	Frahn, Leslie John, M.Sc.	- - -	1949
Fitzgerald, James Joseph, M.A. (Mel- bourne, 1908)	- - -	1908	Francis, Albert Edward John, B.Sc.	- - -	1949
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	- - -	1928	†Francis, John Graham, M.B., B.S.	- - -	1955
Fitzpatrick, Alan Harding, M.B., B.S.	- - -	1953	Francis, Vera Eleanor, M.A.	- - -	1941
Flaherty, Anna Theresa, B.A.	- - -	1953	Francis, Wilfred Galton, B.E.	- - -	1935
Flaherty, Edward John, B.A.	- - -	1924	Fraser, Duncan Lovat Radcliffe, B.Sc.	- - -	1950
Flaherty, Francis Ignatius, M.B., B.S.	- - -	1935	Fraser, Frederick Christopher, B.D.S.	- - -	1938
Flaherty, James Aloysius, M.B., B.S.	- - -	1952	Fraser, Harry Lovat, LL.B.	- - -	1932
°Flaum, Ernst, M.D. (M.B., B.S., 1941)	- - -	1944	B.A.	- - -	1933
Flecker, Margaret Mabel, M.B., B.S.	- - -	1932	†Fraser, Hugh Barron, M.B., B.S.	- - -	1955
Flecker, Patrick Oscar, M.B., B.S.	- - -	1944	Frayne, Graham Arthur, B.D.S.	- - -	1933
Fleming, Francis John, B.E.	- - -	1938	Frayne, Harold Bruce, M.D.S.	- - -	1953
Fleming, Hugh Douglas, B.E.	- - -	1934	Frayne, John Felix, M.B., B.S.	- - -	1936
Flentje, Noel Thomas, M.Sc., (B.Ag.Sc., Melbourne)	- - -	1947	Frayne, Max Thorley, B.D.S.	- - -	1945
Fletcher, Ann Willoughby, B.A.	- - -	1953	Frayne, Peggy Searle, B.Sc.	- - -	1945
Fletcher, Sir Frank, M.A. (Oxford, 1893)	- - -	1936	Frederick, Esmond Joseph, M.B., B.S.	- - -	1953
Fletcher, Helen Weld, B.A.	- - -	1933	Freeman, Jef Elliot, B.Sc.	- - -	1940
Fletcher, John Weld, LL.B.	- - -	1947	Freestun, William David, B.E.	- - -	1949
Fletcher, Malcolm Weld, M.B., B.S.	- - -	1933	†Freidenfelds, Regina, B.D.S.	- - -	1956
Flett, John Stanley, B.Sc., M.B., B.S.	- - -	1941	French, Alfred, M.A. (Cambridge, 1946)	- - -	1951
- - -	- - -	1951	French, Eric Lancelot, M.Sc.	- - -	1948
†Flierl, Hans Eric, B.E.	- - -	1957	French, Reginald James, B.Ag.Sc.	- - -	1948
°Flint, Adela Lysander, B.A.	- - -	1921	Freney, Martin Raphael, B.Sc.	- - -	1930
Flint, Harold Elsdon, M.A.	- - -	1927	°Frewin, Oscar Westcott, M.B., B.S.	- - -	1926
Flint, Richard Russell, B.E.	- - -	1942	†Freytag, Ian Bernard, B.Sc.	- - -	1955
Florey, Hilda Josephine, M.B., B.S.	- - -	1912	Frick, Majorie May, LL.B.	- - -	1934
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921)	- - -	1944	Frick, Patricia Marian, LL.B.	- - -	1938
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	- - -	1950	†Fricke, Graham Andrew, B.E.	- - -	1945
°Flower, Clifford Horace Kenneth Dunn, B.Sc.	- - -	1924	Fricke, Lyall Peterie, B.Sc.	- - -	1949
Flower, Clifford James McKinnon, M.B., B.S.	- - -	1953	B.A.	- - -	1951
			Fricke, Norman Meshach, B.E.	- - -	1933
			†Fricke, Richard John, B.Sc.	- - -	1955
			Fricke, Vera May, M.A.	- - -	1932
			Fridman, Gerald Henry Louis, LL.M.	- - -	1955
			Frith, Ernest Everard, B.Sc.	- - -	1949

* Deceased.

† Not yet Members of the Senate.

†Fritsch, Garnette Grace, B.A. - - -	1957	†Gemmell, Donald Stewart, B.Sc. - - -	1955
Fritsch, Eunice Serena, B.A. - - -	1947	Gent, Alan Franklin, B.A. - - -	1948
Fritsch, Luthilde Clara, B.A. - - -	1948	Gent, Alison Grace, M.A. - - -	1948
†Fritsch, Mary Walda, M.B., B.S. - - -	1955	Gent, John George Moyns, B.A. - - -	1940
Frost, Mary Millicent, B.A. - - -	1927	Georg, Victor Gerhard, B.A. - - -	1949
Fry, Adelaide Elizabeth, LL.B. - - -	1953	George, Adalbert James, B.D.S. - - -	1927
Fry, Dorothy Gillian, B.A. - - -	1945	†George, Barbara Kay, B.Sc. - - -	1957
Fry, Henry Kenneth, B.Sc. - - -	1905	George, Hilda Constance, B.A. - - -	1928
M.D. (M.B., B.S., 1908) - - -	1934	†George, Ian Gordon, LL.B. - - -	1957
Fry, Leslie Barry, B.E. - - -	1954	George, Rowland Francis, B.D.S. - - -	1923
Fry, Robert Mason, B.Sc. - - -	1947	Gerard, Kenneth Edward, B.E. - - -	1935
Fuhlhoim, Margaret, B.A. - - -	1944	Gerlach, Max Johann, B.A. - - -	1925
Fuller, Clarence Oliver, M.B., B.S. - - -	1954	Gerny, Elma Seavington, B.Sc. - - -	1936
†Fuller, Donald Andrew, B.E. - - -	1955	Gerny, John Seavington, M.E. - - -	1949
Fuller, Geoffrey Roy, B.Sc. - - -	1951	Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1944
Fuller, George Rayner, B.Sc. - - -	1924	Ceytenbeek, David Robert, B.Sc. - - -	1952
Fuller, William Rayner, M.B., B.S. - - -	1953	Ceytenbeek, Peter Everard, B.Ag.Sc. - - -	1950
†Fullerton, Anne McPherson, B.Sc. - - -	1957	Gibb, Sir Claude Dixon, M.E. - - -	1932
Fulton, Gwen Evelyn Hamilton, M.A. - - -	1939	Gibb, Kenneth Murray, B.E. - - -	1942
Funder, Anne Cathrine, B.D.S. - - -	1934	Gibberd, William Obad, M.Sc. - - -	1945
Funder, Brian Patrick, M.B., B.S. - - -	1933	Gibbes, Elaine Frances Keele, M.B., B.S. - - -	1953
Funder, John Francis, B.Sc. - - -	1935	Gibbison, Marie Claire, B.Sc. - - -	1951
M.B., B.S. - - -	1938	Gibbs, Allan George, B.E. - - -	1933
†Fung, Khyam Shen, B.E. - - -	1957	Gibbs, Betty Valmai, B.A. - - -	1949
Furler, Ian King, M.B., B.S. - - -	1948	†Gibbs, Bruce Glanville, B.E. - - -	1955
†Furness, Eric Taylor, B.Sc. - - -	1955	Gibbs, Graham Rossiter, B.Ec. - - -	1953
Furness, Gwenda Marie, B.A. - - -	1941	Gibson, Douglas Barr, M.B., B.S. - - -	1945
Furze, Betty Joan, B.Sc. - - -	1951	Gibson, George Taylor, M.B., B.S. - - -	1935
†Furze, Janet Lesley, B.Sc. - - -	1956	Gibson, Gladys Ruth, B.A. - - -	1937
Fyfe, Dorothy Mary, B.A. - - -	1926	Gibson, Graham Coyne, B.A. - - -	1949
G			
Gaetjens, Gertrude Vera, B.A. - - -	1925	†Gibson, Malcolm Milne, B.A. - - -	1956
Gaffney, Fay Madeline, B.Sc. - - -	1949	Gibson, Margaret Dawn, B.Sc. - - -	1952
Gagolski, Julian, Ph.D. - - -	1955	Giersch, Leonard Ernst, B.A. - - -	1940
Galbraith, Cyril, B.E. - - -	1927	Gifford, Alfred Silva Harril, LL.B. - - -	1922
Gale, Frederick Julius, B.A. - - -	1915	Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - - -	1948
Gale, Margaret Jean, B.A. - - -	1953	Gilbert, Ronald Sunter, B.A. - - -	1950
Gallagher, William Edward, M.B., B.S. - - -	1932	Gilbert, Stephen Hamilton, B.E. - - -	1934
Gallasch, Frank Edward, M.B., B.S. - - -	1927	Gilbertson, Nannette, B.A. - - -	1951
†Gallasch, Malcolm George, B.E. - - -	1955	Gilchrist, Robert James, B.A. - - -	1950
Galliford, Robert Henry, B.Sc. (Eng.) - - -	1947	Gild, Albert, M.B., B.S. - - -	1934
Gallus, Hermann Peter Christian, M.Sc. - - -	1934	Gild, David, M.B., B.S. - - -	1938
Galpin, Arthur Lorden, B.E. - - -	1949	Gilding, Gwendoline Fay, B.A. - - -	1952
Galvin, Leola Beth, B.Sc. - - -	1945	Gilding, Kevin Rex, B.A. - - -	1952
†Galvin, Patrick John, B.A. - - -	1956	Giles, Allan Leonard, Mus.Bac. - - -	1950
Galvin, Selma Ruth, B.A. - - -	1953	Giles, Douglas Haynes, B.E. - - -	1954
Galvin, Thomas Bernard, B.A. - - -	1916	Giles, Harold, B.A. - - -	1911
Game, David Aylward, M.B., B.S. - - -	1949	Giles, Ireton Elliot, B.A. - - -	1897
Game, John Aylward, M.B., B.S. - - -	1938	Giles, Jack Bernard, B.Sc. - - -	1943
Game, Patricia Jean, M.B., B.S. - - -	1949	Giles, James Palmer, B.A. - - -	1931
Gann, Eric Crump, B.A. - - -	1950	Giles, Keith Emanuel, M.B., B.S. - - -	1951
†Gann, Graham Dean, B.E. - - -	1957	Giles, Mortimer, LL.B. - - -	1911
Carbaliuskas, Leonardas Raimundas, B.E. - - -	1954	Giles, Nigel Stuart, B.Sc. - - -	1905
Gard, Jeanette Trush Brentnall, M.B., B.S. - - -	1953	°Giles, Olive Abbott, B.A. - - -	1907
Cardiner, Beauchamp Lennox, B.Sc. - - -	1902	Giles, Peter Mortimer, B.E. - - -	1953
Cardiner, Philippa Margaret, M.B., B.S. - - -	1942	Giles, Thomas O'Halloran, LL.B. (Cambridge, 1883) - - -	1886
Gardner, George Gavin Forrest, Mus.-Bac. - - -	1906	°Gillfillan, William, M.B., B.S. - - -	1921
Gare, Lloyd, B.Sc. - - -	1932	Gillfillan, William Robert, B.E. - - -	1948
B.A. - - -	1950	Gill, Clarence William Cecil, B.A. - - -	1934
Garran, Elisabeth Rosemary, B.A. - - -	1954	Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered for B.E., 1913) - - -	1913
†Garrett, David Mitchell, B.E. - - -	1956	Gill, Raymond Harold, B.E. - - -	1951
Garrett, Dorothea Helene, B.A. - - -	1934	Gill, Richard Townshend, M.B., B.S. - - -	1951
Garton, Mary May, B.A. - - -	1923	†Gill, Robert Charles, B.Sc. - - -	1957
Gartrell, Eric Frank, M.B., B.S. - - -	1921	Gillam, Dora Alice, M.A. (Sydney, 1903) - - -	1934
Gartrell, Minnie Henrietta Foxwell, B.A. - - -	1928	Gillam, Leon George, M.B., B.S. - - -	1954
Gaskell, Joan Mary, B.A. - - -	1945	Gillen, Robert Spencer, M.B., B.S. - - -	1953
Gaston, Walter Garfield, M.B., B.S. - - -	1953	Gillespie, Donald Tom Chalton, M.Sc. - - -	1943
°Gault, Arthur Kyle, M.B., B.S. - - -	1917	Gillespie, Doris Pearl, B.A. - - -	1940
Gault, Estelle Ruth, B.Sc. - - -	1914	Gillespie, Elsie Jean Ann, B.A. - - -	1935
M.B., B.S. - - -	1919	†Gillespie, Frank Cecil, B.Sc. - - -	1956
Gault, Freda Steele, B.A. - - -	1931	Gillespie, William Charles, LL.B. - - -	1927
Gault, Maizie Isabel Ogilvy, B.A. - - -	1921	Gillett, Bernard St. Patrick, M.B., B.S. - - -	1928
Gazard, Geoffrey Albion, B.A. - - -	1949	Gillett, Mervyn Clem, LL.B. - - -	1931
Gazard, John Anthony, B.E. - - -	1935	Gillham, Charles Alfred, B.A. - - -	1911
Gehling, Ronda Beryl, Mus.Bac. - - -	1943	Gillham, James Edgar, B.A. - - -	1954
Gehling, Lorenz Wilfred, B.E. - - -	1950	Gillman, Phyllis Constance, B.A. - - -	1916
Geisler, Frederick, M.B., B.S. - - -	1951	Gilmore, Hugh Robert, M.B., B.S. - - -	1945
Geisler, Wilfred Ross, B.Sc. - - -	1937	Gilmore, Jean, LL.B. - - -	1934
B.Ec. - - -	1954	†Giorgio, Antonio, M.B., B.S. - - -	1956

* Deceased.

† Not yet Members of the Senate.

Gladigau, Rita Doreen, B.Ec. - - -	1948	Gosnell, Arthur William, M.A. (Cam-			
Glaessner, Martin Fritz, D.Sc. (Mel-		bridge, 1888) - - - - -			1895
bourne, 1948) - - - - -	1951	Goss, Mary Blanche, B.A. - - - - -			1936
† Glasson, Leonard William Addison,		Goss, Noel Frederick, B.A. - - - - -			1934
B.E. - - - - -	1955	Gough, John Lewis, B.A. - - - - -			1945
Glastonbury, Dudley Ivan, B.Sc. - - -	1930	† Gould, Joseph Gordon, B.Sc. - - - - -			1955
B.A. - - - - -	1933	† Gouldhurst, Peter Richard Stuart,			
Glastonbury, James Oliver Garnet, B.A.		M.B., B.S. - - - - -			1955
M.Sc. - - - - -	1932	Govenlock, James Coburn, Mus.Bac. - - -			1943
Glastonbury, Keven, M.B., B.S. - - -	1926	Gower, Charlie James, B.A. - - - - -			1954
Glayde, Ernest James, B.E. - - - - -	1927	Goyder, Alexander Woodroffe, B.Sc. - - -			1889
Gledhill, John Douglass, B.E. - - - - -	1952	Graebner, David Carl, B.E. - - - - -			1953
Glesinger, Marianne Antonie, M.B.,		Graham, George Finlay, B.E. - - - - -			1927
B.S. - - - - -	1953	Graham, Mary Theresa, M.A. - - - - -			1933
Giddon, Alfred Bertram Keith, M.B.,		Graham, May Elisabeth, B.A. - - - - -			1941
B.S. - - - - -	1948	Graham, Roger Dean, B.E. - - - - -			1950
Gliddon, William Aquilla Robert		Grant, Allan Kerr, M.B., B.S. - - - - -			1947
James, B.A. - - - - -	1950	Grant, Colin Kerr, B.Sc. - - - - -			1931
Glover, Brian, B.Sc. - - - - -	1945	Grant, Donald Kerr, M.B., B.S. - - - - -			1942
Gluis, John, M.A. - - - - -	1922	Grant, John McBain, M.Ec. - - - - -			1953
† Gluyas, Maxwell Allan, M.B., B.S. - - -	1957	Grant, Sir Kerr, B.Sc. (M.Sc., Mel-			
† Gluyas, Richard John, B.D.S. - - - - -	1956	bourne, 1901) - - - - -			1911
† Gluyas, Robert John, B.E. (Interim		Grant, Marjorie Ruth, B.A. - - - - -			1939
B.Sc. (Eng.), 1945, surrendered) - - -	1948	Grant, Mary Raymond, M.Sc. - - - - -			1950
Glynn, Brian McMahon, LL.B. - - - - -	1933	Grant, Richard Longford Thorold,			
Glynn, Denis McMahon, LL.B. - - - - -	1929	M.B., B.S. - - - - -			1918
Glynn, Robert McMahon, M.B., B.S. - - -	1919	Grasso, Rosario, B.Sc. - - - - -			1954
Goatcher, Philip Daniel, M.B., B.S. - - -	1945	Gratton, Gordon Sydney, LL.B. - - - - -			1950
Gobbett, Thelma Jean, B.A. - - - - -	1950	Gratton, Marshall Gladstone, M.B.,			
Godfrey, Edward John Owen, M.B.,		B.S. - - - - -			1941
B.S. - - - - -	1945	Cratton, Mephan John, B.E. - - - - -			1934
Godfrey, Kirke Charles, M.B., B.S. - - -	1914	Cratton, Norman Murray Gladstone,			
Godfrey, Robert Charles, M.B., B.S. - - -	1944	B.A. (Melbourne, 1915) - - - - -			1920
Godlee, Margery Rebecca, B.A. - - - - -	1917	† Grava, Andrejs, B.D.S. - - - - -			1956
Godlee, Theodore, M.B., B.S. - - - - -	1932	† Grave, Keith Cyril, B.D.S. - - - - -			1956
Gold, Mervyn Roy, M.B., B.S. - - - - -	1939	Gray, Alexander Frederick, B.Sc. (Eng.)			1942
Gold, Ronald Geoffroy, M.B., B.S. - - -	1952	Gray, Eric William, B.A. - - - - -			1931
Goldbeck, Rene Alice, M.B., B.S. - - -	1949	Gray, Frederic Victor, M.Sc. - - - - -			1948
Goldby, Frank, M.D. (Cambridge,		Gray, Harvey Hamilton, B.Ec. - - - - -			1949
1936) - - - - -	1937	B.A. - - - - -			1952
Goldfinch, Arthur Leslie, B.Sc. - - - - -	1951	Gray, Keith Douglas, M.B., B.S. - - - - -			1926
Golding, Edmund William, B.A. - - - - -	1951	Gray, Maurice Chadwick, B.Sc. - - - - -			1933
Golding, Phyllis May, B.A. - - - - -	1951	Gray, William Watt Erskine, B.E.			
Goldsworthy, Arthur Clive, B.A. - - - - -	1953	(B.Sc., 1912, surrendered for B.E.			
Goldsworthy, David, B.A. - - - - -	1949	1913) - - - - -			1913
Goldsworthy, Eric Roger, B.Sc. - - - - -	1950	Green, Alan Elston, B.Sc. - - - - -			1949
† Goldsworthy, Janice Julia, B.A. - - - - -	1956	Green, Cynthia Joan, B.A. - - - - -			1945
Goldsworthy, John Garfield, M.A. - - -	1930	Green, Donald Clare, B.Sc. - - - - -			1942
Goldsworthy, Reuben, B.Sc. - - - - -	1948	† Green, Harry Edward, B.E. - - - - -			1957
† Gollinger, Donald, M.B., B.S. - - - - -	1955	Green, Herbert Sydney, D.Sc. (Edin-			
Golledge, John Gouldhawke, M.B., B.S.		burgh) - - - - -			1952
1954		Green, John William, B.Sc. - - - - -			1953
† Good, Brian Francis, B.Sc. - - - - -	1955	Green, Lawrence Goodwin, B.Ec. - - - - -			1951
Good, Emily Milvain, B.A. - - - - -	1904	Green, Lorna Mary Alexander, B.Sc. - - -			1927
Good, Frances Helena, B.A. - - - - -	1916	B.A. - - - - -			1929
Good, Richard John, B.E. - - - - -	1953	Green, Mary Patricia, B.Sc. - - - - -			1954
† Goodale, Peter Lewis, B.E. - - - - -	1957	Green, Ralph Noel, B.A. - - - - -			1954
† Goodchild, Robin John, B.Sc. - - - - -	1955	Green, Richard Maslen, B.A. - - - - -			1937
Goode, Benjamin Ryall, M.B., B.S. - - -	1947	Green, Ronald Gordon, B.Sc. - - - - -			1949
Goode, Harold Ralph, B.E. - - - - -	1945	Green, William Allan McInnes, B.E. - - -			1928
Goode, Henry Arthur, M.B., B.S. - - - - -	1938	Greenfield, Vivian Hutchison, B.Sc. - - -			1951
Goode, John Reginald, B.Ag.Sc. - - - - -	1937	Greenhough, Arthur David, B.E. - - - - -			1942
Goode, Kenneth Burden, B.E. - - - - -	1914	Greenland, Patrick Cecil, M.A. - - - - -			1933
Goode, Muriel Gertrude, Mus.Bac. - - -	1911	Greenlees, Alan David, B.E. (B.Sc.,			
Goode, Philip Charles Ryall, M.B., B.S.		1909, surrendered for B.E., 1913) - - -			1913
1939		Greenlees, Rollo, M.B., B.S. - - - - -			1937
Goode, Reginald Alfred, M.B., B.S. - - -	1910	Greenway, Harold, B.E. (B.Sc., 1906,			
Goode, Thomas Britten, M.B., B.S. - - -	1952	surrendered for B.E., 1913) - - - - -			1913
Goode, Thomas Ryall, B.E. - - - - -	1937	Greenway, Thomas Charles, B.Sc. - - - - -			1900
† Gooden, Edgar Whitridge, B.Sc. - - - - -	1957	Greenwood (formerly Nadebaum),			
† Gooden, John Ernest Alfred, B.Sc. - - -	1955	Rudolph Oertel, B.A. - - - - -			1907
Gooden, John Stanley, M.Sc. - - - - -	1945	Greer, Henry Steven, M.B., B.S. - - - - -			1952
Gooden, Philip Compson, M.B., B.S. - - -	1952	Greet, Frank Hamilton, B.A. - - - - -			1953
Goodenough, Warwick William, B.A. - - -	1953	Greet, Norman George Frank, M.A. - - -			1928
Goodhart, Mabel Flora, LL.B. - - - - -	1927	† Greet, Raymond James, B.A. - - - - -			1957
Goodhart, Richard Akhurst, M.B., B.S. - - -	1941	Gregory, Cedric Errol, B.E. - - - - -			1931
Goodman, Cyril William, B.E. - - - - -	1915	B.A. - - - - -			1944
Goodrich, Roy Stanley, B.Sc. - - - - -	1953	Gregory, Janet Phillis, B.A. - - - - -			1954
Goodwin, Geoffrey Leonard, (B.Sc.,		† Grenfell, Ian Henry, B.A. - - - - -			1957
1951), B.A. - - - - -	1955	Grewar, Lais Valerie, M.B., B.S. - - - - -			1952
Gordon, Colin Ernest Sutherland, M.A.		Cribble, Albert Elijah, M.B., B.S. - - -			1929
(Oxford, 1938) - - - - -	1948	Grierson, John James, B.E. - - - - -			1937
Gordon, John Murray, Mus.Bac. - - - - -	1953	Grieve, Ian Charles, LL.B. - - - - -			1953
B.A. - - - - -	1956	Griff, Bernard, LL.B. - - - - -			1925
Gordon, John Vivian, M.D. (M.B., B.S.,		Griffin, Danielle, B.A. - - - - -			1949
1942) - - - - -	1949				
† Gordon, Leslie Kenneth, LL.B. - - - - -	1953				

* Deceased.

† Not yet Members of the Senate.

Griffin, Donald Ward, B.E. - - -	1951	†Hall, Frederick Leonard, B.Ec. - - -	1955
†Griffin, Gerald John, B.A. - - -	1957	*Hall, James Stanley, B.E. - - -	1933
Griffiths, David Robert, B.E. (Interim		Hall, Jocelyn Rosemary, B.A. - - -	1948
B.Sc. (Eng.), 1945, surrendered) -	1947	Hall, Marjorie Gertrude, Mus.Bac. -	1931
*Griffiths, Ernest William, M.B., B.S. -	1906	Hall, Norman Bruce, M.B., B.S. - - -	1917
Griffiths, George Townsend, Mus.Bac. -	1915	†Hall, Robert Darwin, B.E. - - -	1956
Griffiths, Thomas Lester, LL.B. - - -	1913	Hall, William Oswald James, B.Sc. -	1950
Griggs, Clarence Middleton, B.Sc. - - -	1924	Hallett, Evan Charles, M.B., B.S. - -	1947
Griggs, James Middleton, B.E. - - -	1949	Hallett, Harold Sinclair, B.E. - - -	1932
Griggs, Robert Leslie, M.Ec. - - -	1955	Hallett, Reginald Thomas, B.E. - - -	1938
Grimes, Louisa Catherine, Mus.Bac. - -	1937	†Halley, Peter, M.B., B.S. - - -	1956
†Grimwade, Arnold Elliott, B.Sc. - - -	1955	Halloran, Noel, M.B., B.S. - - -	1953
†Grivell, Peter Desmond, M.B., B.S. - -	1956	Hamann, Keith Maurice, B.Sc. - - -	1953
Gross, Gordon Flinders, M.Sc. - - -	1956	Hambidge, Margaret Cecile, B.A. - - -	1935
Gross, Klem Bassett, B.E. - - -	1924	†Hambly, Francis Sutherland, B.Ec. -	1957
Gross, Patricia Mary, B.A. - - -	1950	†Hambly, Peter Sutherland, B.A. - - -	1957
Grosser, Agnes Juliana Hulda, B.A. - -	1910	Hambly, William Frank, M.A. (Mel-	
Grosvenor, Cyril, B.D.S. - - -	1925	bourne) - - -	1952
Grosvenor, Edna Mary, M.A. - - -	1926	Hamden, William Calil, M.B., B.S. -	1953
Grote, Albert Walter, M.B., B.S. - - -	1926	Hamdorf, Clifton John, Ph.D. (B.E.,	
†Grote, Fay, M.B., B.S. - - -	1956	1953) - - -	1957
†Grote, Keith Walter, B.D.S. - - -	1956	Hames, Muriel Jean, B.A. - - -	1941
Groves, Murielle Annis Clemland, B.A. -	1937	Hamilton, Frank Alexander, B.E. - - -	1941
Grubb, Yvonne, B.A. - - -	1951	Hamilton, Ian Ayliffe, M.B., B.S. - -	1924
†Gubbay, Sasson Stephen, M.B., B.S. - -	1957	†Hamilton, Ian Michael, M.B., B.S. - -	1956
Gubbins, Heather Welch, B.A. - - -	1950	Hamilton, Ian Scott, LL.B. - - -	1951
†Gudkovs, Ariss, M.B., B.S. - - -	1955	Hamilton, Jean Anne, B.Sc. - - -	1947
Guenther, John Irving, M.B., B.S. - - -	1942	Hamilton, Margaret Berner, B.Sc. - -	1952
†Guerin, Robert Langley, M.B., B.S. - -	1957	Hamilton, Reginald Hewgill, M.B.,	
Guerin, Ronald St. Clair, B.E. - - -	1953	B.S. - - -	1925
Guinand, Andrew Paul, B.Sc. - - -	1932	Hamilton, William Murray, M.B., B.S. -	1944
Guinand, Mimi Helen, B.A. - - -	1938	Hammill, Robert Duncan, M.B., B.S. -	1942
†Gulland, David Lumgar, M.B., B.S. - - -	1955	†Hammond, Brian George, B.Sc. - - -	1957
†Gulland, Ian Ferris, M.B., B.S. - - -	1956	Hammond, Henry Grant, M.B., B.S. - -	1944
Gun, Colin Stanley, M.Sc. - - -	1951	Hamp, Frances Marian, M.B., B.S. - -	1925
Gun, Lancelot Townsend, LL.B. - - -	1924	Hancock, George Alfred, M.A. - - -	1909
†Gunn, Archibald Keith, B.E. - - -	1956	*Hancock, Henry Raymond Russell,	
Gunn, John Alexander, M.A. (Liver-		M.B., B.S. - - -	1927
pool, 1919) - - -	1926	Hancock, James Russell, B.Sc. - - -	1941
Gunning, Norman Stannus, M.B., B.S. -	1926	Hancock, John Owen, M.B., B.S. - - -	1952
Gunson, John Grattan, M.B., B.S. - - -	1952	Hancock, William Andrew, B.Sc. - - -	1924
Gunson, John Michael Morphett, M.B.,		Hancock, Sir William Keith, M.A. (Ox-	
B.S. - - -	1933	ford, 1930) - - -	1931
Gunton, James Donald, B.A. - - -	1938	Handley, Donald Alfred, M.B., B.S. -	1953
Guppy, Douglas James, B.Sc. - - -	1944	Handley, Harold Arthur, M.B., B.S. - -	1951
Guppy (nee Knox), Joan Claudia, B.Sc. -	1943	†Handley, Joan Marie, M.B., B.S. - - -	1955
Gurner, Colin, M.B., B.S. - - -	1918	Hankel, Barbara Joan, B.A. - - -	1954
Gurner, Colin Marshall, M.B., B.S. - -	1942	Hannaford, Brian Douglas, B.Sc. - - -	1945
Gurney, Harold Cyril, M.Sc. - - -	1932	Hannan, Albert James, M.A. - - -	1914
Gurr, Clifford George, B.Sc. - - -	1947	LL.B. - - -	1912
†Gurr, Graham Edward, B.Sc. - - -	1956	Hannan, Clare Reginald, LL.B. - - -	1922
Guster, Allan Frederick, B.E. - - -	1951	Hannan, Ian Ignatius, B.E. - - -	1949
Guthaner, Ernst, M.B., B.S. - - -	1942	†Hannan, Mignonne Elizabeth, LL.B. -	1955
Guymer, Arthur Howes, M.B., B.S. - - -	1915	Hannon, Dennis Francis, M.B., B.S. - -	1942
Guymer, Ernest Albert, M.B., B.S. - - -	1914	Hansberry, Gerald Maxwell, M.B., B.S. -	1953
Guymer, Max William, M.B., B.S. - - -	1947	Hansberry, John Pierce, B.A. - - -	1945
		Hansberry, Mary Estelle, B.Sc. - - -	1951
		B.A. - - -	1954
		Hansen, Ian Alfred, Ph.D. - - -	1956
		Hansen, Ian Victor, B.A. - - -	1950
		†Hansen, Ruth, B.Sc. - - -	1956
		Hansford, Clifford Gerald, D.Sc. (Cam-	
		bridge) - - -	1952
		Hanson, Bertram Speakman, M.B.,	
		B.S. - - -	1928
		Harbison, Alan Thomas, M.B., B.S. - -	1927
		*Harbison, Ernest John Keith, M.B.,	
		B.S. - - -	1924
		Harbison, John Henry, M.B., B.S. - - -	1949
		Harbison, Peter Alan, M.B., B.S. - - -	1953
		Harbison, William Arthur, B.E. - - -	1938
		Harders, Clarence Waldemar, LL.B. - -	1944
		Harding, Florence Mary, M.A. (N.Z.,	
		1932) - - -	1949
		Hardy, Alfred Burton, LL.B. - - -	1898
		Hardy (nee Beckwith), Anne Caroline,	
		M.Sc. - - -	1947
		Hardy, Evan Lovell, B.E. - - -	1935
		Hardy, John Evans Simpson, M.B.,	
		B.S. - - -	1945
		†Hardy, John Howard, B.A. - - -	1955
		Hardy, John Scott, LL.B. - - -	1926
		Hardy, Mabel Phyllis, B.A. - - -	1914
		Hardy, Thomas Walter, B.Sc. (Eng.) -	1947
		Hargrave, John Charles, M.B., B.S. - -	1954

* Deceased.

† Not yet Members of the Senate.

Hargrave, Nathaniel Charles, LL.B.	-	1938	Haskard, John Rex, B.Sc.	-	-	-	1950
B.A.	-	1939	Haslam, Denise Allison, B.Sc.	-	-	-	1953
Hargreaves, William Arthur, B.Sc.	-	-	Haslam, Leslie Horrocks, LL.B.	-	-	-	1908
(Melbourne, 1891)	-	1909	Haslam, Margaret Martha, M.B., B.S.	-	-	-	1935
D.Sc.	-	1916	Hassell, Frank Colin, B.E.	-	-	-	1933
Harkness, Robert, B.A.	-	1907	Hassell, Kathleen Lilian, M.A.	-	-	-	1927
Harley, David George, B.E.	-	1953	Haste, Mary Joan, B.A.	-	-	-	1941
Harley, James Froomes, M.B., B.S.	-	1951	Haste, Reginald Arthur, B.Sc.	-	-	-	1911
Harley, Marjory, B.A.	-	1925	M.B., B.S.	-	-	-	1914
†Harley, Peter Ash, B.E.	-	1956	Hauser, Frederick Herbert, B.A.	-	-	-	1931
Harman, Lewis Clive, B.D.S.	-	1953	Hawes, Brian Richard Albert, B.E.	-	-	-	1953
Harmer, John Reginald, M.A. (Cam-	-	-	†Hawke, Cynthia Joy, B.A.	-	-	-	1957
bridge, 1884)	-	1895	Hawke, John Burton, M.B., B.S.	-	-	-	1954
Harns, John Eric, B.Sc.	-	1951	Hawke, John Gardner, B.Sc.	-	-	-	1954
Harns, Lois Philippa, M.B., B.S.	-	1948	Hawke, Vivian Lee, M.B., B.S.	-	-	-	1946
Hamman, William Ronald, LL.B.	-	1936	Hawken, Doris Marguerite, B.A.	-	-	-	1917
Harper, Anthony, LL.B.	-	1926	Hawker, Elizabeth Julie Seymour, B.A.	-	-	-	1942
†Harper, Judith Mary, M.B., B.S.	-	1957	†Hawker, John Seth, B.Sc.	-	-	-	1956
Harper, Ronald George, B.A.	-	1938	†Hawkes, Joan Muriel, B.A.	-	-	-	1955
B.Ec.	-	1947	Hawkes, Rose Adeline, B.A.	-	-	-	1928
Harrington, Colin, B.A.	-	1947	Hawkins, Frederick James, LL.B., B.A.	-	-	-	1942
Harrington, Enid Greta, B.A.	-	1950	†Hawkins, Henry Stuart, B.Ag.Sc.	-	-	-	1956
Harrington, Joan Margaret, B.Sc.	-	1945	*Haycraft, Edith Florence, B.Sc.	-	-	-	1890
Harrington, Reginald Frank, B.D.S.	-	1943	Hayes, Horace Townsend, M.B., B.S.	-	-	-	1936
Harrip, Brian John, B.A.	-	1950	Hayman, David Lindsay, B.Ag.Sc.	-	-	-	1953
Harris, Allan Cuthbert, B.Sc.	-	1923	Haynes, James Dalrymple, B.A.	-	-	-	1950
Harris, Beryl Ruth, B.A.	-	1935	Hayward, Edward Leo, LL.B.	-	-	-	1925
Harris, Cecil George, B.A.	-	1951	Hayward, John, B.E.	-	-	-	1953
Harris, Clare Sparkes, LL.B.	-	1925	Hayward, John Lionel, M.D. (M.B.,	-	-	-	-
Harris, David Hall, M.B., B.S.	-	1942	B.S., 1932)	-	-	-	1936
Harris, David John, M.B., B.S.	-	1952	Hayward, Lancelot Alfred, M.B., B.S.	-	-	-	1914
Harris, Digby Ian, M.B., B.S.	-	1953	Hayward, Thomas Ronald, B.A. (B.Ec.,	-	-	-	-
Harris, Donald Dunstan, M.A.	-	1929	1949)	-	-	-	1953
Harris, Dorothy Mary, B.A.	-	1919	Hayward, Walter Richard, B.A.	-	-	-	1934
Harris, Dudley Andrew, B.A.	-	1938	Haywood, Edward Francis, M.B., B.S.	-	-	-	1952
Harris, Ernest Wilfred, LL.B.	-	1920	Head, John Graeme, B.Ec.	-	-	-	1954
†Harris, Frank Randall, B.Ec.	-	1955	Heading, Keith Edward George, B.Sc.	-	-	-	1930
Harris, Ian Antrobus, M.B., B.S.	-	1949	B.A.	-	-	-	1938
Harris, James Dunbar, M.B., B.S.	-	1953	Headlam, Morley Lewis Caulfield, M.A.	-	-	-	-
Harris, Jack Ronald, M.Sc.	-	1951	(Oxford, 1893)	-	-	-	1900
Harris, John, M.B., B.S.	-	1924	Healy, Anthony Hodgens, B.D.S.	-	-	-	1952
Harris, John Ernest, B.E.	-	1949	Healy, Peter, B.Sc.	-	-	-	1948
Harris, Lorna Muriel, B.A.	-	1934	Healy, Vincent Michael, B.Sc.	-	-	-	1939
Harris, Shirley Joyce, B.A.	-	1938	Heard, Kenneth Harold, M.B., B.S.	-	-	-	1936
Harris, Sophie Dora, B.A.	-	1928	Heard, Lyall Scott, B.Sc. (Eng.)	-	-	-	1944
Harris, William Brocas, B.Ag.Sc.	-	1947	Heaslip (nee Shorney), Barbara Kate,	-	-	-	-
Harris, William Patrick, M.B., B.S.	-	1933	B.A.	-	-	-	1928
Harrison, Howard Raymond, B.Sc.	-	1948	Heaslip, William Gordon, M.B., B.S.	-	-	-	1929
B.A.	-	1955	Heath, Neil Stewart, Ph.D.	-	-	-	1955
Harrison, Walter, B.A.	-	1929	Heath, Ronald Bertram, B.E.	-	-	-	1941
Harrold, Colin Morse, M.B., B.S.	-	1953	Heath, Trevor James Gartrell, B.A.	-	-	-	-
Harry, Arthur Hartley, B.A.	-	1901	(Cambridge, 1928)	-	-	-	1928
Harry, Geoffrey Courtenay, LL.B.	-	1925	LL.B.	-	-	-	1932
Harry, Grant Varley, B.E.	-	1953	Heaton, Herbert, M.A. (Leeds, 1912)	-	-	-	1918
Harry, Irene Pearl, B.A.	-	1915	Hebart, Armin William, B.Sc.	-	-	-	1944
Harry, Romilly Carveth, LL.B.	-	1929	Hebart, Siegfried Paul, M.A.	-	-	-	1932
Hart, Arthur Maxwell, B.A.	-	1950	Hebart, Werner Friedrich, B.A.	-	-	-	1934
Hart, David Henderson, B.Sc.	-	1942	†Hecker, Joyce, B.A.	-	-	-	1955
Hart, Mary Margaret, B.A.	-	1950	Hecker, Olive May, B.A.	-	-	-	1954
†Hartill, Graeme Donald, M.B., B.S.	-	1955	Hecker, Robert, M.D. (M.B., B.S.,	-	-	-	-
Hartshorne, Brian Herbert, M.B., B.S.	-	1952	1947)	-	-	-	1956
Harvey, Alison, B.A.	-	1938	*Hecker, Stewart Roy, M.B., B.S.	-	-	-	1919
Harvey, Bernice Enid, Mus.Bac.	-	1928	Heddle, Frederic French, M.B., B.S.	-	-	-	1935
†Harvey, Christine Alice, B.A.	-	1955	Heddle, Robert Charles, M.B., B.S.	-	-	-	1942
Harvey, Dean Lawrence, B.Sc.	-	1947	Heddle, Shirley, B.A.	-	-	-	1947
Harvey, Faith Fairbank, Mus.Bac.	-	1925	Hedger, Dorothy Mavis, B.A.	-	-	-	1936
B.A.	-	1936	†Hefford, Ronald Keith, B.Ec.	-	-	-	1956
Harvey, Frederick George, M.A. (Yale,	-	-	Heidenreich, George Bernhard Franz,	-	-	-	-
1934)	-	1934	B.A.	-	-	-	1944
Harvey, Raymond Hynson, B.E.	-	1936	Heighway, Freida Ruth, M.D. (Sydney,	-	-	-	-
Harvey, Richard Gilbert Mungo,	-	-	1939)	-	-	-	1949
B.Ag.Sc.	-	1948	Heinemann, Edmund Lewis, B.A. (Ox-	-	-	-	-
†Harvey, Wilbur Henry, B.E.	-	1955	ford, 1887)	-	-	-	1890
Harvie, Sydney Haral, B.Sc.	-	1927	Heinemann, Mary Josephine, B.A.	-	-	-	1948
†Harwood, John William, M.B., B.S.	-	1953	Heinemann, Mervyn Lambert, B.A.	-	-	-	1940
Haselgrove, Harold Frederick, M.B.,	-	-	†Heinrich, Harold Gordon, B.Ec.	-	-	-	1956
B.S.	-	1946	Heinrich, Jeff Dean, B.Sc.	-	-	-	1949
Haselgrove, Helene Martha, B.A.	-	1923	†Heithersay, Geoffrey Sinclair, B.D.S.	-	-	-	1956
Haselgrove, Janet Storrie, B.Sc.	-	1950	Heitmann, Dorothea Smith, M.B., B.S.	-	-	-	1949
Haselgrove, Wilfred Eric, B.E.	-	1937	Heitmann, John Smith, M.B., B.S.	-	-	-	1951
†Haseloff, Milton Conrad, B.A.	-	1956	Hely, Arnold Stanley McMath, M.A.	-	-	-	-
Hasenohr, David, B.Sc.	-	1951	(New Zealand, 1948)	-	-	-	1957
Hasenohr, Edward, B.A.	-	1938	Hemingway, Peter Cunliffe, B.Sc.	-	-	-	1949
Hasenohr, Geoffrey, M.B., B.S.	-	1948	Henderson, Eric Malcolm, B.E.	-	-	-	1932
Haskard, George Henson Barrett, M.Sc.	-	1936	Henderson, Leonard Ross, B.Ec.	-	-	-	1949

*Deceased.

†Not yet Members of the Senate.

†Henderson, Margaret Evelyn, B.A.	-	1956	Hill, Malcolm, B.E.	-	-	-	-	-	1951
Henderson, Roland, LL.B.	-	1926	Hill, Malcolm Robert, M.Ec.	-	-	-	-	-	1957
†Henderson, Ronald George, B.E.	-	1957	Hill, Thomas Benjamin, M.A. (Clark's,	-	-	-	-	-	
Hendrickson, Douglas Buxton, M.B.,	-		U.S.A., 1910)	-	-	-	-	-	1920
B.S.	-	1941	Hill, Hilda Mary, B.A.	-	-	-	-	-	1908
Henning, Frederick Rudolph, B.D.S.	-	1952	Hillier, Howard Armstrong, B.E.	-	-	-	-	-	1950
Henningsen, Marcus, B.E.	-	1952	†Hills, Neville Francis, M.B., B.S.	-	-	-	-	-	1957
Henschke, Lawrence Ronald, B.E.	-	1951	Hilton, Arthur Robert, B.A.	-	-	-	-	-	1909
Henschke, Norman Frederick, B.Sc.	-	1952	Hilton, Frank Morphet, B.Ag.Sc.	-	-	-	-	-	1948
Hensel, Gordon Maxwell, B.Sc.	-	1951	Hilton, Keith Denyer, LL.B.	-	-	-	-	-	1949
†Herath, Meewakkala Mudiyansele	-		†Hinc, Feliks-Alfons, B.E.	-	-	-	-	-	1957
Jinadasa Willehad, B.Sc.	-	1955	Hinde, James Tempest, B.Sc.	-	-	-	-	-	1941
Herbert, Septimus Giffen Mills, B.Sc.	-	1949	Hine, Denise Charlotte, M.Sc.	-	-	-	-	-	1952
Hermes, Clarence Lindsay, LL.B.	-	1951	Hine, Florence Pauline, B.A.	-	-	-	-	-	1947
Herriot, Robert Irvine, B.Ag.Sc.	-	1932	Hirst, Ronald Robert, M.Ec.	-	-	-	-	-	1930
Herriot, Ronald Melbourne, B.E.	-	1952	Hiscock, Ian David, Ph.D.	-	-	-	-	-	1952
Hersel, August Wilhelm, B.A.	-	1935	Hiscock, Kenneth George, B.D.S.	-	-	-	-	-	1952
Herzog, Paul, B.A.	-	1953	Hiscock, Stephen West, B.Sc.	-	-	-	-	-	1949
Heseltine, Augustus Frederick, B.E.	-		Hisgrove, Gladys, B.A.	-	-	-	-	-	1936
(B.Sc., 1904, surrendered for B.E.,	-		Hiskey, Thomas Alan, B.A.	-	-	-	-	-	1949
1913)	-	1913	†Hitchcox, Alison Rosemary, B.A.	-	-	-	-	-	1955
Heseltine, Samuel Richard, LL.B.	-	1908	Hitchcox, Alfred Clarke, M.A.	-	-	-	-	-	1932
Hester, Gwynn Thomas John, B.A.	-	1950	Hitchcox, Joyce Mary, B.A.	-	-	-	-	-	1949
Hetherington, Robert, B.A.	-	1951	†Hiu, Hock Leng, B.E.	-	-	-	-	-	1955
Hetzl, Basil Stuart, M.D. (M.B., B.S.,	-		†Ho, Shui, B.E.	-	-	-	-	-	1955
1944)	-	1949	Hoar, Barbara Charlotte, B.Sc.	-	-	-	-	-	1948
Hetzl, Kenneth Stuart, M.D. (M.B.,	-		†Hoare, Charles Gilles Lucas, M.B.,	-	-	-	-	-	
B.S., 1920)	-	1926	B.S.	-	-	-	-	-	1955
Hetzl, Peter Stuart, M.D. (M.B., B.S.,	-		Hoare, Lehone Lucas, M.B., B.S.	-	-	-	-	-	1949
1948)	-	1952	Hobbs, Alan Frank, M.B., B.S.	-	-	-	-	-	1922
Heur, Powel Max, B.Sc.	-	1953	†Hobbs, Brian Kenneth, M.B., B.S.	-	-	-	-	-	1956
Heuzenroeder, Reginald Leo, LL.B.	-	1923	†Hobbs, Graham Alan, M.B., B.S.	-	-	-	-	-	1955
Hewett, Esther Jean, B.A.	-	1938	Hobbs, Ian Harold, M.B., B.S.	-	-	-	-	-	1948
†Hewett, Peter Neil, B.Sc.	-	1956	†Hobbs, Michael Sydney Talbot, M.B.,	-	-	-	-	-	
Hewill, Frank Richmond, Ph.D.	-	1955	B.S.	-	-	-	-	-	1956
Hewitson, Gordon Frank, B.A.	-	1951	Hobden, Joan Frances, B.Sc.	-	-	-	-	-	1952
Hewitson, Malcolm Thomas, B.A.	-	1951	Hocking, Colin Stanley, B.Sc.	-	-	-	-	-	1949
Hewitt, Cecil Austin, LL.B.	-	1924	Hocking, Frank Maxwell, B.Sc.	-	-	-	-	-	1929
†Hewton, Anthony Walter, B.Sc.	-	1957	Hocking, Kevin, B.E.	-	-	-	-	-	1953
Heyne, Carl William, B.D.S.	-	1949	†Hockney, Barry Herbert, B.Sc.	-	-	-	-	-	1955
Heyne, Ida Marie, B.A.	-	1916	Hocotr, John Francis, B.A. (Dublin,	-	-	-	-	-	
Heyne, Laura Olga Hedwig, M.A.	-	1917	1871)	-	-	-	-	-	1877
Heyward, Marie Louise, B.A.	-	1941	Hodan, Miroslav, M.Ec.	-	-	-	-	-	1956
Hiatt, Jack Thomas, LL.B.	-	1947	Hodby, Frederic Stephen, LL.B.	-	-	-	-	-	1925
B.Ec.	-	1948	Hodby, Kenneth Wellesley, M.B., B.S.	-	-	-	-	-	1936
Hibbert, Kevin Malcolm, B.E.	-	1953	Hodby, Lindley David, M.B., B.S.	-	-	-	-	-	1929
Hickey, Kathleen Veronica, B.A.	-	1945	Hodge, Philip Richard, M.B., B.S.	-	-	-	-	-	1952
Hickinbotham, Alan David, B.Sc.	-	1949	†Hodge, Robert Ley, M.B., B.S.	-	-	-	-	-	1956
Hicks, Sir Cedric Stanton, M.Sc. (N.Z.,	-		Hodgkinson, Peter Willis, B.Ec.	-	-	-	-	-	1952
1915)	-	1926	Hodson, Ian Harold, B.D.S.	-	-	-	-	-	1950
M.D. (M.B., Ch.B., N.Z., 1923)	-	1936	Hoff, Lothar Clemens, M.B., B.S.	-	-	-	-	-	1953
Hicks, Dene Alan, M.B., B.S.	-	1948	Hoffman, Jack, M.B., B.S.	-	-	-	-	-	1951
Hicks, Edward Paul, M.B., B.S.	-	1951	*Hogan, Esmond John Campbell, LL.B.	-	-	-	-	-	1920
Hicks, Francis Gibson, LL.B.	-	1915	Hogan, Margaret Mary, B.A.	-	-	-	-	-	1950
Hicks, Neil Dennis, M.B., B.S.	-	1948	Hogan, Philip Cornelius, M.B., B.S.	-	-	-	-	-	1928
Hicks, Warren Roseveare, B.Sc.	-	1944	Hogarth, David Stirling, LL.B.	-	-	-	-	-	1931
†Hicks-Hall, Wellesley Ian Norman	-		Hogben, Roy, B.Sc.	-	-	-	-	-	1950
Sutcliffe, B.E.	-	1956	Hoile, Douglas Edward, M.B., B.S.	-	-	-	-	-	1951
Hiern, Maurice Noel, B.Sc.	-	1952	Hoile, Edward Murray, M.B., B.S.	-	-	-	-	-	1953
Hieser, Ronald Oswald, M.Ec.	-	1954	Holdaway, Frederick George, M.Sc.	-	-	-	-	-	
Higginbottom, Edwin Corlett, B.A.	-	1920	(Queensland, 1925)	-	-	-	-	-	1926
Higginbottom, Edwin John, B.Ec.	-	1950	Holden, Ethel, B.A.	-	-	-	-	-	1931
Higgins, Alan Leslie, B.E.	-	1953	Holden, Geoffrey Raymond, B.Sc.	-	-	-	-	-	1951
Higgins, Alfred James, B.A.	-	1930	Holden, Robert William, B.E.	-	-	-	-	-	1950
†Higgins, Bruce Ashley, M.B., B.S.	-	1956	Holder, Alison Joyce, Mus.Bac.	-	-	-	-	-	1941
†Higgins, John William, B.A.	-	1957	Holder, Ethel Roby, M.A.	-	-	-	-	-	1901
†Higgins, Raymond Hugh Edward,	-		Holder, Evan Morecott, B.E. (B.Sc.	-	-	-	-	-	
B.Ec.	-	1956	1909, surrendered for B.E., 1913)	-	-	-	-	-	1913
Higgs, Edward Davies, B.Ag.Sc.	-	1950	Holder, Sophia Ellen, B.A.	-	-	-	-	-	1906
†Hilbig, Maxwell John, B.E.	-	1955	*Holder, Sydney Ernest, M.B., B.S.	-	-	-	-	-	1913
Hilbig, Paul Berthold, B.A.	-	1930	Holder, Sheilah Dolby, B.A.	-	-	-	-	-	1943
Hill, Albert Charles, B.A.	-	1914	Holdsworth, Leslie McLeod, B.A.	-	-	-	-	-	1934
Hill, Alma Isobel, B.A.	-	1948	Holland, Charlotte Annie, B.A.	-	-	-	-	-	1916
Hill, Arthur William, D.Sc. (Cam-	-		Holland, James Williams, B.D.S.	-	-	-	-	-	1952
bridge, 1918)	-	1927	Holland, Joan, B.A.	-	-	-	-	-	1944
Hill, Douglas Henry, M.B., B.S.	-	1949	Holland, Laurence Corin, M.B., B.S.	-	-	-	-	-	1935
Hill, Florence McCoy, B.Sc. (California,	-		†Hollands, Judith Helen, B.Sc.	-	-	-	-	-	1956
1897)	-	1927	Holliday, Norman Grant, B.E.	-	-	-	-	-	1952
†Hill, Ivan William, B.Sc.	-	1956	Hollidge, Alfreda Faith, B.A.	-	-	-	-	-	1922
Hill, John, B.Sc.	-	1922	Hollidge, David Henry, M.A.	-	-	-	-	-	1889
Hill, John Albert, B.Sc.	-	1943	Hollidge, Geoffrey David, LL.B.	-	-	-	-	-	1926
Hill, John Distin, B.Sc.	-	1940	†Hollis, William Frederick, B.D.S.	-	-	-	-	-	1955
Hill, John Seymour Thew Tregarthen,	-		Holloway, Bruce William, B.Sc.	-	-	-	-	-	1948
M.B., B.S.	-	1941	Holman, Lawson James, M.B., B.S.	-	-	-	-	-	1954
Hill, Kenneth Arthur, B.Sc. (Eng.)	-	1950	†Holmes, Angas Spooner, B.A.	-	-	-	-	-	1955

* Deceased.

† Not yet Members of the Senate.

Holmes, Henry Bertram, M.B., B.S.	1940	Hubbe, Edith Ulrica, B.A.	1908
Holmes, John Winspere, M.Sc.	1955	M.B., B.S.	1922
Holmes, Reginald Murray, M.B., B.S.	1949	Hubble, George Dixon, B.Ag.Sc.	1934
Holtham, Richard, B.A. (Queensland, 1916)	1920	Huckson, Ernest John, B.E.	1952
Holtan, Jack Arthur, B.E.	1952	Huddleston, Leslie Basil, B.Sc. (Eng.)	1942
Homburg, John, LL.B.	1908	Huddleston, Stanley Ernest, B.Sc.	1934
Hone, Alfred Andrew, B.Sc.	1924	B.E.	1935
Hone, Brian William, B.A.	1928	†Hudson, Geoffrey Marshall, B.Ec.	1957
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	1938	Hughes, Alfred, B.A. (Cambridge, 1886)	1889
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	1923	°Hughes, Gordon Kingsley, D.Sc.	1954
°Hone, Frank Sandland, B.A.	1889	Hughes, Harold Timothy, B.Ag.Sc.	1941
M.B., B.S.	1894	Hughes, James Estcourt, M.S. (M.B., B.S., 1926)	1937
Hone, Garton Maxwell, M.B., B.S.	1924	Hughes, John Burnell, M.B., B.S.	1952
Hone, Michael Raymond, B.Sc.	1950	Hughes, Leslie Donald, B.E.	1949
M.B., B.S.	1954	Hughes, Patricia Gliddon, B.Sc.	1952
Hone, Winifred Ruth Selwyn, B.A.	1934	Hughes, Robert Douglas, B.D.S.	1938
Honnor, Wilfred Weston, B.Sc.	1931	Hughes, Robert George, B.Sc. (Eng.)	1942
M.E.	1945	†Hui, Weng Choon, M.B., B.S.	1957
Hood, Vivian George, B.D.S.	1950	Human, James Peter Egerton, M.Sc.	1948
Hooker, Robert John, B.E.	1951	†Humphrey, Ruth Iris Marie, B.Sc.	1955
Hooper, Frederick Harvey, B.Ag.Sc.	1936	Humphris, Elisabeth Amy, B.A.	1952
Hooper, Jane Barker, B.A.	1941	Humphris, Francis Henry, B.E.	1924
Hooper, Peter Laurence, B.Sc.	1934	Humphris, Francis Ross, B.Ag.Sc.	1944
Hooper, Rex Truran, M.E.	1949	Humphry, Alfred Henry, M.B., B.S.	1937
Hoopman, Friedrich Wilhelm, M.B., B.S.	1922	Humphry, Lulu Eileen, B.Sc.	1935
Hoopmann, Eric Paul, M.B., B.S.	1949	Hunkin, Leonard Dale, LL.B.	1935
Hope (nee Fowler), Laura Margaret, M.B., B.S.	1891	Hunkin, Milton Philip, B.A.	1954
Hopkins, Alfred Nicholas, B.A.	1888	Hunt, Arnold Dudley, B.A.	1942
Hopkins, Brian McDonald, B.Sc.	1950	Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957
Hopper, Brian William, B.Sc.	1947	Hunt, Max Aubrey, B.E.	1931
Hopson, Peter Phillip Adrian, B.A.	1947	Hunter, Betty Vera, B.Sc.	1947
°Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899)	1935	Hunter, Brian Oswald, LL.B.	1932
Horman, William Dinwoodie Ackland, M.B., B.S.	1941	Hunter, Doris, B.A.	1924
Hornabrook, Reginald Denys, M.B., B.S.	1925	Hunter, Geoffrey Allan, M.B., B.S.	1942
°Hornabrook, Rupert Walter, M.B., B.S.	1896	Hunter, Ronald, M.B., B.S.	1944
Horton, Robert Ralph, M.B., B.S.	1953	Hunter, Thomas Bowden, M.B., B.S.	1944
†Horvat, Leon, B.A.	1953	Hunwick, Arthur Philip, B.E.	1929
†Horvat, Victor, M.B., B.S.	1953	Hunwick, Leonard William, LL.B.	1936
Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Hurley, Leonard Joseph Bernard, B.A.	1914
Hosking, Herbert Champion, M.B., B.S.	1923	Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941
°Hosking, Herbert Clifton, B.A.	1908	Hurst, Harvey Herbert, M.B., B.S.	1929
Hosking, Lochee Maud, B.A.	1931	Hurst, Peter Edwin, M.B., B.S.	1953
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Hurst, Walter William, B.Sc.	1916
Hosking, Peter Kav, B.E.	1948	Hussey, Brian Leitch, B.D.S.	1951
°Hoskins, Howard Berthold, B.A.	1926	°Hussey, Percival Francis Leitch, M.B., B.S.	1920
Hossfeld, Paul Samuel, Ph.D.	1953	Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945
†Hotten, Douglas Ernst, B.Sc.	1956	Hutcheson, George Ian Dewart, B.E.	1917
Hourigan, Lloyd David, B.Ec.	1950	Hutcheson, Gordon Bramwell, LL.B.	1930
Hourigan, Richard Edward, LL.B.	1893	Hutchinson, Clive Reginald, B.A.	1948
Howard, Arthur Ewing, B.A.	1912	Hutchinson, Colin Frederick, B.Sc.	1950
Howard, Donald William Digby, B.Ec.	1949	Hutton, Edward Mark, D.Sc.	1951
Howard, Ephrem, B.A.	1937	Hutton, John Thomas, B.Sc.	1938
Howard, Juliet Hardman, M.B., B.S.	1951	Hutton, Tom Allan, LL.B.	1940
Howard, Leo, M.A.	1943	Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford)	1950
Howard, Peter Felix, B.Sc.	1950	Hyde, Alan Graham, B.Ec.	1951
Howard, Rex Trowbridge, B.Sc.	1950	Hyde, James O'Halloran, M.B., B.S.	1954
Howard, Ronald Walter, B.E.	1951	Hyde, Miriam Beatrice, Mus.Bac.	1931
Howard, Yvonne Mary, B.A.	1945		
Howe, George William Osborn, D.Sc. (Durham, 1914)	1914		
Howell, Frederick Glenroy Graham, B.Sc.	1949		
Howell, Murray Wentworth, B.E.	1935		
Howes, David William, M.Sc.	1955		
Howie, Mary Hotham, B.A.	1943		
Howland, Donald John, B.A.	1948		
†Howlett, Diana Rosemary, B.A.	1956		
Howlett (nee Hughes), Nellie Ruth, B.A.	1941		
Howlett, Philip Thomas Michael, M.A.	1947		
B.Ec.	1953		
†Hronsky, Eugenia, M.B., B.S.	1955		
Hubbard, Margaret Eileen, M.A.	1949		

° Deceased.

† Not yet

Members of the Senate.

Irving (nee Robin), Elizabeth Anne, M.Sc. - - - - -	1954	Jenkin, Alfred John Roseland, B.A. - - - - -	1932
Irving, Henry Edward, LL.B. - - - - -	1933	Jenkin, Beth Lenore, B.A. - - - - -	1940
Irving, Iris Mary, B.A. - - - - -	1950	Jenkin, Mabel Gertrude, B.A. - - - - -	1928
Irving, Roger John, M.Sc. - - - - -	1948	Jenkins, Heather Gordon, B.Sc. - - - - -	1950
†Irwin, Bernard John, B.Ec. - - - - -	1957	Jenkins, Rex Desmond, B.A. - - - - -	1941
Irwin, Edith French, B.Sc. - - - - -	1939	Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) - - - - -	1922
Irwin, Graham Wilkie, B.A. - - - - -	1947	Jenner, Anthony Martin, B.E. - - - - -	1952
Irwin, John Francis, B.D.S. - - - - -	1951	Jennings, Bruce Arthur, B.E. - - - - -	1950
Irwin, Robert Newenham, LL.B. - - - - -	1929	Jennings, Robert Edward, B.Sc. - - - - -	1952
Irwin, William Morris, M.B., B.S. - - - - -	1938	Jennison, Raymond Barraclough, B.E. - - - - -	1950
Isaachsen, Oscar Cedric, LL.B. - - - - -	1932	Jens, John Matthias Joseph, M.B., B.S. - - - - -	1934
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931) - - - - -	1937	Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947
Isles, Keith Sydney, M.A. (Cambridge, 1933) - - - - -	1941	Jensen, Richard Ian Broughton, B.A. - - - - -	1951
Isom, Constance Ruth, B.A. - - - - -	1934	Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933) - - - - -	1957
J			
Jack, Fannie Augusta, B.A. (Sydney, 1899) - - - - -	1913	Jensen, Tom Broughton, B.E. - - - - -	1938
Jack, Robert Lockhart, B.E. (Sydney, 1899) - - - - -	1913	Jephcott, Bruce Reginald, B.Sc. - - - - -	1950
- - - - -	1930	Jericho, Arnold Mervyn, B.E. - - - - -	1938
Jack, William Logan, M.B., B.S. - - - - -	1929	Jessup, Allan Aubrey, M.B., B.S. - - - - -	1952
Jackman, Frank Downer, B.E. - - - - -	1924	Jessup, Leonard Clive, M.B., B.S. - - - - -	1952
Jackman, Lloyd Miles, Ph.D. - - - - -	1952	Jessup, Rupert William, M.Sc. - - - - -	1948
Jackman, Margaret Elva, B.Sc. - - - - -	1954	Jew, Ronald William, LL.B. - - - - -	1937
Jackson, Arthur Marchant, B.A. - - - - -	1943	Jewell-Thomas, Stephen Rutter Culross, B.E. - - - - -	1954
Jackson, Edward Arthur, B.Ag.Sc. - - - - -	1951	Johinke, Albert Keith, B.E. - - - - -	1952
Jackson, John Frederick, B.Sc. - - - - -	1945	John, Glen Owen, B.E. - - - - -	1951
M.B., B.S. - - - - -	1951	John, Lloyd Vincent, B.A. - - - - -	1954
Jackson, Norton, B.E. - - - - -	1941	Johncock, Leonard Percy, B.A. - - - - -	1926
Jacob, Charles Ernest Frederick, B.E. - - - - -	1934	Johns, Bennett Gilbert Langman, B.Sc. - - - - -	1937
Jacobs, Alan Brian, B.Ec. - - - - -	1949	Johns, Robert Keith, B.Sc. - - - - -	1948
Jacobs, Donald Arthur, M.B., B.S. - - - - -	1954	Johns, Rowland Waiden, B.E. - - - - -	1951
Jacobs, Doreen Miriam, Mus.Bac. - - - - -	1941	Johnson, Alan Rhodes, Ph.D. (Leeds, 1953) - - - - -	1955
Jacobs, Maxwell Ralph, M.Sc. - - - - -	1936	Johnson, Bruce, Ph.D. (London, 1955) - - - - -	1956
Jacobs, Samuel Joshua, LL.B. - - - - -	1948	Johnson, Christopher Malcolm, B.E. - - - - -	1952
†Jaffrey, Andrew Maxwell, B.Sc. - - - - -	1956	†Johnson, Darlene Fraser, B.A. - - - - -	1957
†Jaffrey, John Maxwell, LL.B. - - - - -	1956	Johnson, Dorothy Mavis, B.A. - - - - -	1931
†Jago, John Geoffrey, LL.B. - - - - -	1955	*Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897) - - - - -	1897
Jakobsen, Hugo, B.A. - - - - -	1954	M.D. (Göttingen, 1899) - - - - -	1901
James, Alan Treleven, M.Sc. - - - - -	1949	Johnson, Edwin Ralph, B.A. - - - - -	1931
James, Bertha Gwendoline, B.A. - - - - -	1934	†Johnson, Eleanor Elizabeth, B.Sc. - - - - -	1957
James, Clarence Keith, B.E. - - - - -	1932	Johnson, Francis Henry, M.A. (Oxford) - - - - -	1952
James, Colin Thomas, M.B., B.S. - - - - -	1942	Johnson, Francis James, B.E. - - - - -	1952
James, Helen Margaret, B.A. - - - - -	1941	Johnson, Jeffery William Harwood, LL.B. - - - - -	1951
James, Paul Reuben, M.B., B.S. - - - - -	1941	Johnson, Keith Douglas, B.Sc. - - - - -	1950
James, Richard Cecil, B.A. - - - - -	1954	Johnson, Margaret Isabel, B.A. - - - - -	1952
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947	Johnson, Peter Ralph, B.Sc. - - - - -	1941
James, Wesley Hughes, B.Sc. - - - - -	1919	†Johnson, Robert Douglas, B.E. - - - - -	1955
M.E. - - - - -	1932	Johnson, Ronald Lisle, LL.B. - - - - -	1937
James, William Rex, M.B., B.S. - - - - -	1928	Johnson, William Courtenay Saunders, B.A. - - - - -	1934
Janardhan, Narienkadu Mohanarunga, B.E. - - - - -	1954	Johnson, William Herbert, B.A. - - - - -	1911
James, Boris Sebire, M.Sc. - - - - -	1948	Johnston, Benjamin George, M.B., B.S. - - - - -	1924
Jansen, Marcus Gordon, M.B., B.S. - - - - -	1943	Johnston, Elizabeth, LL.B. - - - - -	1948
Janzow, Eric Herbert Martin, B.A. - - - - -	1940	Johnston, Elliott Frank, LL.B. - - - - -	1940
Jarrett, Frank George, Ph.D. (Iowa) - - - - -	1955	Johnston, Lance Galbraith, B.E. - - - - -	1925
Jarrett, Ivan Gentry, M.Sc. - - - - -	1947	Johnston, Ross George, B.D.S. - - - - -	1936
Jarvis, Ronald Harris, M.B., B.S. - - - - -	1948	*Johnston, Thomas Harvey, D.Sc. (Sydney, 1911) - - - - -	1923
†Jaskewycz, Taras, B.Sc. - - - - -	1956	*Johnstone, Percy Emerson, B.A. - - - - -	1894
Jauncey, George Eric Macdonnell, D.Sc. - - - - -	1922	LL.B. - - - - -	1898
Jay, Hubert Melville, M.B., B.S. - - - - -	1908	Johnstone, William Watson, M.E. - - - - -	1947
Jay, Peter Gerald, M.B., B.S. - - - - -	1941	Jolly, Bertram Morris, M.B., B.S. - - - - -	1937
Jeanes, Brian Hamilton, M.B., B.S. - - - - -	1953	Jolly, Dennis Rawson Penfold, B.Sc. - - - - -	1953
Jeanes, John Colin, B.E. - - - - -	1954	Jolly, Donald, B.Sc. - - - - -	1945
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. - - - - -	1956	†Jolly, Erica Annette, B.A. - - - - -	1956
Jeffares, Alexander Norman, M.A. (Oxford) - - - - -	1952	*Jolly, Norman William, B.Sc. - - - - -	1901
Jefferies, Brian Crossley, B.Ag.Sc. - - - - -	1953	Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - - - -	1936
Jefferies, Arthur Tarlton, B.Sc. - - - - -	1908	Jolly, William Alfred Swinburne, B.E. - - - - -	1948
†Jeffries, Elizabeth Shirley, B.A. - - - - -	1957	Jolly, William Richard Norman, B.Sc. - - - - -	1933
Jeffries, John Singleton, M.B., B.S. - - - - -	1942	B.A. - - - - -	1937
Jeffries, Lewis Wibmer, M.B., B.S. - - - - -	1907	Jona, Jacob, B.Sc. - - - - -	1908
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952) - - - - -	1953	Jona, Judah Leon, D.Sc. - - - - -	1910
Jeffries, Sir Shirley Williams, LL.B. - - - - -	1909	M.B., B.S. (Melbourne, 1911) - - - - -	1917
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945) - - - - -	1951	M.S. - - - - -	1919
Jenke, Dudley Conrad, B.Sc. - - - - -	1950	Jones, Alan Thomas Britten, M.B., B.S. - - - - -	1921
		Jones, Albert Edward, LL.B. - - - - -	1888

*Deceased.

†Not yet members of the Senate.

Jones, Albert Walter, B.Sc. - - - -	1932	Kay, Alexander Theodore, B.E. - - -	1924
M.A. - - - -	1944	Kay, Cecil Bernhard, B.Sc. - - - -	1935
Jones, Brian Lewis, B.E. (Interim B.Sc.		†Kay, Malcolm John, B.Sc. - - - -	1957
(Eng.), 1946, surrendered) - - - -	1949	Kay, Mouat John Richard, M.A. (Ox-	
Jones, Conway Jeffrey, B.Sc. (Eng.) -	1945	ford, 1907) - - - -	1926
Jones, David Lewis, M.B., B.S. - - -	1950	Kay, Robert Pringle, B.E. - - - -	1926
Jones, Doris Egerton, B.A. - - - -	1911	Kay, Sylvius Clarence, B.Sc. - - - -	1939
Jones, Dorothy Irene, B.A. - - - -	1945	Keally, Frank Shenstone, B.A. - - -	1951
* Jones, Edmund Britten, M.B., B.S. -	1910	Kean, Eileen Margaret, M.A. - - - -	1930
* Jones, Frederick Wood, D.Sc. (London,		Keany, John William, B.Ec. - - - -	1949
1910) - - - -	1920	Kearnan, Joseph Reginald, LL.B. - - -	1925
Jones, Geoffrey Hedley, M.B., B.S. -	1947	Kearney, Bernard James, B.A. - - - -	1949
Jones, Gwynfred, B.Sc. - - - -	1926	Kearney (nee Dorsch), Ida Margarete,	
Jones, Herbert William, B.E. - - - -	1939	B.A. - - - -	1926
Jones, Jean Murray, M.B., B.S. - - -	1944	Kearney, Josephine Agnes, B.A. - - -	1952
Jones, Kelvin Lindsay, B.Sc. - - - -	1945	†Kearney, Margaret Patricia, M.B., B.S.	1955
Jones, Kenneth Thomas, M.B., B.S. -	1951	Keats, Arthur Lange, B.E. - - - -	1937
Jones, Evan Mander, M.A. (Oxford)	1948	Keats, John Augustus, B.Sc. - - - -	1944
Jones, Margaret Britten, B.A. - - - -	1947	Keats, Reynold Gilbert, B.Sc. - - - -	1948
Jones, Michael John, B.A. - - - -	1954	Keech, Donald Bruce, B.Sc. - - - -	1953
Jones, Reginald John, B.A. - - - -	1948	Keen, Ross Maxwell, B.E. - - - -	1954
Jones, Richard Edmund Britten, M.D.		Keeves, Andrew, B.Sc. - - - -	1951
(M.B., B.S., 1941) - - - -	1948	Keeves, John Phillip, B.Sc. - - - -	1945
Jones, Robert Britten, M.B., B.S. -	1952	Keeves, Margaret, B.A. - - - -	1944
Jones, Robert Howard, B.Sc. - - - -	1940	Keipert, Leslie James, M.B., B.S. -	1918
Jordan, Deirdre Frances, B.A. - - - -	1947	* Kekwick, Daintrey Ned, M.B., B.S.	1942
Jordan, Denis Oswald, D.Sc. (London,		Kelley, William Brian, B.A. - - - -	1951
1953) - - - -	1955	Kelly, Cecil James St. Leger, LL.B. -	1924
Jorgensen, Donald Murray, M.B., B.S.	1953	Kelly, Ellen, B.A. - - - -	1928
Jose, Cleve George, B.E. (Interim B.Sc.		Kelly, Eric Gordon, M.A. - - - -	1925
(Eng.), 1947, surrendered) - - - -	1947	Kelly, Ernest James, B.A. - - - -	1952
Jose, Edward Salisbury, B.A. (Oxford,		Kelly, Francis, LL.B. - - - -	1906
1904) - - - -	1905	Kelly, Francis Peter, LL.B. - - - -	1937
Jose, Geoffrey Alan, M.B., B.S. - - -	1948	Kelly, Gwenda Mary Christine, B.A. -	1949
* Jose, George Herbert, M.A. (Oxford,		Kelly, John Erwin, LL.B. - - - -	1936
1906) - - - -	1906	Kelly, Michael, M.D. (M.B., B.S., 1928)	1945
Jose, Ivan Bede, M.S. (M.B., B.S.,		Kelly, Michael Lawrence, LL.B. - - -	1928
1915) - - - -	1923	Kelly, Patrick Joseph, LL.B. - - - -	1924
†Jose, John Salisbury, M.B., B.S. - - -	1957	Kelly, Thomas Davis, M.S. (M.B., B.S.,	
Joseph, George, LL.B. - - - -	1938	1934) - - - -	1949
†Joseph, Hapuarachchige Don Austin		* Kelly, Sir William Raymond, LL.B. -	1920
Carlo, B.Sc. - - - -	1956	Kelman, Hilda, M.B., B.S. - - - -	1948
†Joske, John Webster, M.B., B.S. - - -	1955	B.A. (Western Aust., 1943) - - - -	1949
Joyce, Rosalie Woodruff, B.A. - - - -	1929	Kelsey, Oswald Mortimer, B.E. - - - -	1938
Joyner, Malcolm Stewart, B.D.S. - - -	1926	Kemp, Henry Kenneth, B.Ag.Sc. - - -	1933
Joyner, Max Frederick, LL.B. - - - -	1913	Kendrew, George Harry, M.B., B.S. -	1917
Judd, James, B.A. - - - -	1954	Kenihan, Raphael Leo, M.B., B.S. - - -	1915
Judd, Percival Richard Henry, B.A. -	1934	Kenihan, Robert Austin, M.B., B.S. -	1946
B.Ec. - - - -	1938	Kennare, Hugh Daly, B.D.S. - - - -	1950
Jude, Gertrude Josephine, B.Sc. - - -	1901	Kennedy, Alan Duncan, B.A. - - - -	1952
Judell, Maurice Wolff, B.Sc. - - - -	1903	Kennedy, Alexander Lorimer, B.E. -	1915
Judell, Trevor Leopold, B.Sc. - - - -	1947	†Kennedy, Desmond Anthony, M.B.,	
Judell, Vivienne, LL.B. - - - -	1933	B.S. - - - -	1955
Juett, Christina Margaret, M.A. - - - -	1933	Kennedy, Donald Edward, M.A. (Mel-	
Jungerson, Hector Frederik Estrup,		bourne, 1952) - - - -	1957
D.Sc. (Cambridge, Mass., 1909) - - -	1914	Kennedy, John Graham, B.E. - - - -	1952
Jungfer, Carl Clifford, M.D. (M.B.,		Kennedy, Josephine Margaret, M.B.,	
B.S., 1936) - - - -	1949	B.S. - - - -	1939
Jungfer, Lorenz Wilfred, B.D.S. - - -	1933	†Kennedy, Karin Isobel, B.Sc. - - - -	1955
Juritz, Charles Frederick, D.Sc. (Cape		Kennedy, Philip James Anthony, LL.B.	1954
of Good Hope, 1907) - - - -	1914	Kennedy, Stanley Wallace, Ph.D. (Bel-	
Jury, Charles Rischbieth, M.A. (Ox-		fast, 1954) - - - -	1957
ford, 1923) - - - -	1931	Kennett, Edmund Richard, B.E. - - - -	1949
Juttner, Prudence Anne, B.Sc. - - - -	1952	Kenny, Daniel Thomas, B.E. - - - -	1951
		Kenny, Martin Lance, B.A. - - - -	1940
		Kenny, Patricia Mary, B.A. - - - -	1954
		Kent, George Lynden, B.A. - - - -	1952
		Kent, Heinz Sigfrid Koplowitz, Ph.D.	
		(Cambridge, 1955) - - - -	1956
		Kentish, Timothy David, B.Ag.Sc. - - -	1949
		Keon-Cohen, Russel Hallel, M.A. (Mel-	
		bourne, 1925) - - - -	1945
		Kerin, John Francis, B.A. - - - -	1949
		Kerin, Kevin Vincent, LL.B. - - - -	1952
		Kerr, Allen, Ph.D. - - - -	1956
		Kerr, Sydney Challen, M.B., B.S. -	1942
		Kerr, Colin Gregory, M.A. - - - -	1937
		Kerr, David Ian Bevis, Ph.D. - - - -	1954
		Kerslake, William James, B.A. - - - -	1942
		†Kessell, Abraham, M.B., B.S. - - - -	1955
		Kessell, John Samuel, M.B., B.S. -	1923
		Kessell, Maurice, M.B., B.S. - - - -	1950
		Kessell, Stephen Lackey, M.Sc. - - - -	1927
		Kesting, Louis John, B.A. - - - -	1944
		†Ketteridge, Colin Ralph, B.D.S. - - -	1956

* Deceased.

† Not yet Members of the Senate.

*Lang, William Holland, B.Sc. - - - 1908	Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935) - - - 1947
Langevad, Eric James, B.E. - - - 1938	†Leitch, Raymond John, M.B., B.S. - 1956
Langford-Smith, Trevor, M.Sc. (B.Sc., Syd., 1940) - - - 1942	†Lektias, Michael Simon, M.B., B.S. - 1955
Langridge, John Balcombe, Ph.D. - - 1956	LeLacheur, Hellier, B.A. - - - 1915
Langron, William Joseph, B.Sc. - - - 1947	LeMaistre, Ray Mauger, B.A. - - - 1939
Langsford, Diana, B.A. - - - - - 1948	Lemcke, Vincent Andrew Howard, B.A. 1940
Langstaff, Lois, B.A. - - - - - 1944	LeMessurier, David Hugh, B.Sc. - - 1932
Lapidge, Jack Stanley, B.E. - - - - 1935	LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913) - - - - - 1920
Laslett, George Nield, B.A. - - - - 1951	LeMessurier, Robert Ernest, B.E. - 1949
Laslett, Ian John, B.Sc. - - - - - 1950	Lemney, Ford Prall, B.A. - - - - - 1951
Last, John Murray, M.B., B.S. - - - - 1949	Lemon, Arnold William, LL.B. - - - 1936
Last, Peter Murray, M.B., B.S. - - - 1952	Lendon, Alan Harding, M.B., B.S. - - 1927
Last, Raymond Jack, M.B., B.S. - - - 1924	Lendon, Glyneth Lockett, B.A. - - - 1950
†Latz, Clement Victor, B.Sc. - - - - 1955	Lendon, Guy Austin, M.D. (M.B., B.S., 1917) - - - - - 1922
Laubsch, Colin Andrew, B.Sc. - - - - 1951	Lennon, Vincent Francis Bennett, M.B., B.S. - - - - - 1930
Laught, Keith Alexander, LL.B. - - - 1927	LePage, Keith Ernest, M.B., B.S. - - 1952
Laughton, Frances Elizabeth, B.A. - - 1941	†LePage, Patricia Nadeane, B.A. - - - 1956
Laughton, Rosemary Pauline, B.A. - - 1945	†LePage, Rex Newbury, B.Sc. - - - 1955
Laurence, Joan Mary, B.A. - - - - - 1935	Leske, Clive William, B.E. - - - - - 1950
†Laurie, John Buxton, B.E. - - - - - 1955	Leske, David, M.B., B.S. - - - - - 1954
Laver, John Poynton, B.E. - - - - - 1952	Leske, Elmore, B.A. - - - - - 1947
Lavis, David Milton, B.Sc. - - - - - 1949	Leske, Kenneth Berthold, B.Ag.Sc. - 1948
Lavis, John Frederic, M.D.S. - - - - 1954	Leslie (nee Sharman), Florence Mary, M.A. - - - - - 1919
Law, Gertrude Teresa, M.A. - - - - - 1924	Leslie, Jean, M.A. - - - - - 1932
Lawrence, Alfred Oscar Platt, B.Sc. - 1928	Leslie, Peter William, M.B., B.S. - - 1943
Lawrence, Bruce Ernest, M.B., B.S. - 1927	Leslie, Robert Bradshaw, B.Sc. - - - 1952
Lawrence, Gordon Ord, D.D.Sc. - - - 1945	Le Souef, John Dudley, M.B., B.S. - - 1948
Lawrence, James Roland, M.B., B.S. - 1954	Letcher, Herbert George, M.B., B.S. - 1927
†Lawrence, John Robert, B.E. - - - - 1957	Levitt, Solomon, M.B., B.S. - - - - 1950
Lawrence, Robert John, B.A. - - - - 1953	†Levy, Judith Anne Winstanley, B.Sc. 1956
Lawrie, David Charles, B.Sc. - - - - 1954	Levy, Rose Winstanley, LL.B. (W. Aus., 1941) - - - - - 1942
Lawrie, John Desmond, B.E. - - - - 1954	Lewcock (nee Orrock), Ena Beatrice Faith, B.A. - - - - - 1926
Lawry, Reginald Arthur, B.A. - - - - 1943	Lewcock, Harry Kingsley, B.Sc. - - - 1923
Laws, Keith William, B.D.S. (Sydney, 1924) - - - - - 1925	Lewis, Arthur Sangster, B.E. - - - 1930
Lawson, Frederick Henry, B.Sc. - - - - 1935	Lewis, Aubrey Julian, M.D. (M.B., B.S., 1923) - - - - - 1931
†Lawson, Margaret Elaine, M.B., B.S. - 1955	Lewis, Basil Reece, B.Sc. - - - - - 1944
Lawson, William Scott, M.B., B.S. - - 1954	Lewis, Colin Hamilton, B.D.S. - - - 1943
Lawton, Graham Henry, M.A. (Oxford) - - - - - 1952	Lewis, David Alfred, B.Sc. - - - - 1943
Lawton, Peter, Alan, B.Sc. - - - - - 1950	Lewis, David Gray, M.Sc. - - - - - 1957
Lawton, Ralph Stanley, B.A. - - - - - 1953	Lewis, Eric Henry, M.D. (M.B., B.S., 1906) - - - - - 1908
Laycock, Frederick John, M.B., B.S. - 1941	Lewis, Glen Arthur, B.E. - - - - - 1949
Laycock, Geoffrey Clifton, B.A. - - - 1952	Lewis, Gordon John, B.E. - - - - - 1951
Laycock, Margaret, B.A. - - - - - 1954	Lewis, Graham Ethelbert, Ph.D. - - - 1955
*Lea, John Francis Maclure, B.E. - - - 1957	Lewis, Gwenyth Elizabeth, B.D.S. - - 1932
*Lea, Richard Henry Maclure, B.E. - - 1925	Lewis, Irene Gwendoline, B.Sc. - - - 1907
Leach, Basil Wood, B.D.S. (Melbourne, 1920) - - - - - 1924	Lewis, John Aylward, M.B., B.S. - - 1944
Leach, John Brian, B.D.S. - - - - - 1947	Lewis, Joseph Arthur, B.A. (W. Aus., 1934) - - - - - 1935
Leach, Raymond Basil, B.D.S. - - - - 1950	Lewis, Keith Gray, B.Sc. - - - - - 1940
Leach, Robert William, B.A. - - - - - 1950	Lewis, Keith William, B.E. - - - - - 1952
Leach, Ronald Hubert, M.Sc. - - - - - 1953	Lewis, Kevin Joseph, B.D.S. - - - - 1933
Leach, William Valentine, M.A. - - - - 1923	Lewis, Leonard Arthur, B.Sc. - - - - 1940
Leader, Haynes, LL.B. - - - - - 1926	Lewis, Mary, B.A. - - - - - 1949
Leak, Brian Hedley, B.A. - - - - - 1954	Lewis, Norman Benjamin, B.Sc. - - - 1947
Leaney, Cecil John, M.B., B.S. - - - - 1952	†Lewis, Peter Alexander, B.E. - - - - 1957
Leaney, Peter Anthony, M.B., B.S. - - 1954	Lewis, Raymond Douglas, B.Sc. - - - 1939
Leaney, Roy Kent, B.A. - - - - - 1947	Lewis, Reginald William Frederick, B.E. - - - - - 1925
Leask, John Hunter, B.E. - - - - - 1928	Lewis, Richard Owen, B.A. - - - - - 1951
Leaver, Edward, LL.B. - - - - - 1928	Lewis, Robert Brook, B.Sc. (Melbourne, 1941) - - - - - 1947
Leaver, Kenneth Batten, B.A. - - - - 1942	B.A. - - - - - 1952
†Leaver, Sally Lucia Eulalie, B.Sc. - 1956	Lewis, Roy Newman, B.Sc. - - - - - 1945
Leckie, Alexander Joseph, Mus.Bac. - 1913	Lewis, Stuart Hayes, M.B., B.S. - - 1950
LeCornu, Colin George, B.A. - - - - 1954	Leyland, Geoffrey Agar, M.B., B.S. - 1944
Ledger, Gladys May, B.A. - - - - - 1912	Liddy, Desmond Terence, B.Sc. - - - 1950
Ledger, William Henry, B.Sc. (Sydney, B.E., 1903) - - - - - 1906	Liddy, John Francis, B.E. - - - - - 1952
Leditschke, Friedrich Berthold, M.B., B.S. - - - - - 1924	Liebig, Alvin Frederick, B.E. - - - - 1940
†Leditschke, Kathleen Dora, B.Sc. - - 1956	Ligertwood, Sir George Coutts (Warden of the Senate), B.A. - - - - - 1908
†Leditschke, John Frederick, M.B., B.S. - 1957	LL.B. - - - - - 1910
†Lee, Chin Tiong, M.B., B.S. - - - - 1957	Ligertwood, James Arthur, B.E. - - - 1950
†Lee, Chye Chow, M.B., B.S. - - - - 1955	Ligertwood, Neil Coutts, LL.B. - - - 1948
Lee, Frank Milton, B.A. - - - - - 1939	
Lee, Heather Vivian, B.A. - - - - - 1947	
Lee, Pector John, M.Sc. - - - - - 1949	
Lee, Kevin John, B.E. - - - - - 1954	
†Lee, Kwok Ching, M.B., B.S. - - - - 1955	
†Lee, Kwok Poh, B.D.S. - - - - - 1956	
†Lee, Lance Maurice, LL.B. - - - - - 1956	
Lee, Raymond Wilson, B.E. - - - - - 1954	
Leidig, Ludwig Adolf Emanuel, M.A. - 1926	

* Deceased.

† Not yet Members of the Senate.

Ligeti, Piroska Magdolna, M.B., B.S. -	1954	Lovick, Lilian Sheelagh, LL.B. - -	1939
Lilburn, William Embleton, B.E. - -	1954	Lowe, Sir Charles John (M.A., LL.B., Melbourne) - - - -	1956
Lilburne, Geoffrey Douglas Roland, M.B., B.S. - - - -	1949	Lowe, Daphne Rae, M.B., B.S. - -	1951
†Lill, John Charles, B.E. - - - -	1955	†Lowe, Gilian Elizabeth, B.A. - - -	1956
Lillecrapp, Douglas Arthur Julian, B.A. 1949		Lowe, John Charles, B.Sc. - - - -	1951
Lillywhite, Cuthbert, B.Sc. - - - -	1899	Lower, Harold Stewart Farnham, M.Sc. 1954	
Lillywhite, John Wilson, B.Sc. - - -	1936	Lower, Mark Anthony, LL.B. - - -	1948
†Lim, Kwang Hua, B.E. - - - -	1957	Lower, Mostyn Harcourt, B.Sc. (Eng.) 1949	
†Lim, Yong Peng, B.Ag.Sc. - - - -	1957	Lower, Oswald Bertram, M.B., B.S. -	1939
*Limbart, Melville Louis, B.E. - - -	1934	†Lowke, John James, B.Sc. - - - -	1955
Lindon, John Leonard Henry, M.B., B.S. - - - -	1952	Lubich, Joseph Maurice, M.B., B.S. -	1954
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919) - - - -	1923	†Lucas, Ralph Mervyn, B.Ec. - - - -	1956
Lindon, Marten Edward, M.B., B.S. -	1953	Ludbrook, Wallis Verco, B.Sc. - - -	1928
Lindsay, Keith Malcolm, B.A. - - - -	1939	Ludford, Colin George, B.Sc. - - -	1948
Lindsay, Thomas Bruce, M.D.S. - - -	1950	Lugg, Margaret Edith, B.A. - - - -	1949
M.B., B.S. - - - -	1957	Luke, Thomas Glen, B.Sc. - - - -	1925
Lines, Dean Franc, B.Sc. - - - -	1944	†Lum, Allan Douglas, B.Sc. - - - -	1956
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915) - - - -	1933	Lum, Laurence Claude, M.B., B.S. -	1939
Lines, George Edward, B.Ag.Sc. - - -	1951	Lundberg, Carl Oscar, B.A. - - - -	1933
Lines, Helen Nora, B.A. - - - -	1952	Lungley, Sheila Amelia Gordon, M.B., B.S. - - - -	1950
Ling, John Kynaston, M.Sc. - - - -	1956	Lunn, Margaret Anne, LL.B. - - - -	1931
†Ling, Robert Donald Hill, B.E. - - -	1957	Lushey, Frederick Mayne, B.Ec. - - -	1942
Linke, John William, B.Sc. - - - -	1953	B.A. - - - -	1951
Linklater, Peter Munro, B.Ag.Sc. - - -	1953	*Lushey, Harold Merton, M.A. - - - -	1926
Linklater, Rodney Munro, B.E. - - -	1953	Lushey (nee Wilks), Vida Alice, B.A. -	1904
Linn, Beryl Eileen, LL.B. - - - -	1933	Luxton, Clarence Richard Paul, B.E. -	1950
Linn, Helen Kathleen, B.Sc. - - - -	1950	†Luxton, Russell Estcourt, B.E. - - -	1956
Linn, Howard Wadmore, M.D. (M.B., B.S., 1944) - - - -	1954	Lyall, Allen Raymond, M.B., B.S. -	1954
Linn, John Graham, M.B., B.S. - - - -	1950	†Lykke, Athol William John, M.B., B.S. Lynch, John Henry, B.A. - - - -	1956 1947
Linn, John Malcolm, M.B., B.S. - - -	1953	Lynch, Martin Alfred, M.B., B.S. - -	1954
Linn, Leslie Wadmore, M.B., B.S. - -	1918	Lynn, Kenneth Roy, B.Sc. - - - -	1949
Lipman, Rex John, B.D.S. - - - -	1951	Lyon, Hugh Pearson Dunlop, LL.B. -	1925
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927) - - - -	1942	Lyon, Malcolm Elliot, B.A. - - - -	1954
D.Sc. - - - -	1950	Lyons, Henry Emerson Wescombe, M.B., B.S. - - - -	1940
†Lippett, Richard, M.B., B.S. - - - -	1957	Lyons, Ruth, M.B., B.S. - - - -	1942
Lister, James Dick, M.B., B.S. - - - -	1954		
Liston, Mary Howard, B.A. - - - -	1950	M	
Litchfield, Kenneth Lyle, LL.B. - - -	1935	McAnaney, Rita Margaret, M.B., B.S. -	1926
†Little, John Anthony, B.E. - - - -	1957	McAree, Francis Edward, M.B., B.S. -	1906
†Liu, Hua-An, B.E. - - - -	1957	McAree, John Victor, M.B., B.S. - - -	1905
†Liu, Lillian Ling, B.Sc. - - - -	1957	McArthur, Archibald John, B.E. - - -	1949
Liu, Owen, B.E. - - - -	1954	†McArthur, Malcolm Lawrence, B.A. - -	1955
Llewellyn, Joan Margaret, M.Sc. - - -	1951	McAskill, Ronald Fergus, B.E. - - -	1939
Lloyd, Denys Morrison, LL.B. - - - -	1938	Macaulay, Robert Wilson, B.A. - - -	1903
Lloyd, Hugh Arthur, M.B., B.S. - - -	1940	McAuley, John Patrick, B.Ec. - - - -	1949
Lloyd (nee Smith), Ida Gwendoline Viner, B.A. - - - -	1902	†McAuley, Maxwell George, B.E. - - -	1955
Lloyd, Thomas Rex Viner, B.E. - - - -	1932	McAuliffe, David Jeremiah, M.B., B.S. †McAuliffe, Rodney Francis, M.B., B.S.	1954 1956
Loan, Edward Charles, B.A. - - - -	1903	*Macbeth, Alexander Killen, D.Sc. (Bel- fast, 1914) - - - -	1928
†Lobascher, David John, M.B., B.S. - -	1955	Macbeth, Anna Maureen, B.Sc. - - - -	1943
Lock, Dorothy Marie Jeanne, B.A. - - -	1954	Macbeth, Patricia Maeve, B.Sc. - - -	1944
Lock, Maurice Joseph Bayard, B.Sc. - -	1945	Macbeth, William Andrew Alexander Greer, M.B., B.S. - - - -	1953
Lockyer, Kathleen Elaine, B.A. - - - -	1953	McBride, Dorothy Evelyn, Mus.Bac. - -	1915
†Lodge, John Kenneth Hyde, B.Ec. - - -	1957	McBride, Glenorchy, B.Ag.Sc. - - - -	1951
Logan, Ernest Albert William, B.A. - -	1937	McBride, Mavis Anne, B.A. - - - -	1950
Lohmeyer, Rex Howard, B.E. - - - -	1953	McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - - - -	1949
Lohmeyer, Vivian Keith, B.Ag.Sc. - - -	1950	McBride, William John, B.Sc. - - - -	1898
Lokan, Keith Henry, B.Sc. - - - -	1954	McBryde, Frederick Balfour, LL.B. -	1912
London, Jack Warfield, B.E. - - - -	1951	B.A. - - - -	1920
Long, Eileen Edith, B.A. - - - -	1939	McBryde, Ian Balfour, B.E. - - - -	1950
Longbottom, David Cox, B.E. - - - -	1938	†McCall, Michael George, M.B., B.S. -	1957
†Looker, Arthur Jacob Henry, B.E. - - -	1957	*MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906) - - - -	1926
Lord, Eric Ross, B.A. - - - -	1948	McCallum, Maurice Daniel, M.B., B.S. McCann, John Conleth, B.A. - - - -	1950 1941
†Lore, John, M.B., B.S. - - - -	1957	McCann, Ralph Newton, M.B., B.S. -	1946
Lorking, Diana Pauline Elizabeth, B.A. Loutit, John Stuart, Ph.D. - - - -	1952 1955	McCann, William James, M.B., B.S. -	1946
Loutit (nee Jeffery), Margaret Wyn, M.Sc. - - - -	1954	McCarthy, Brian Stephen, M.B., B.S. -	1948
Love, Clement Vernon, M.B., B.S. - - -	1947	McCarthy, Burnard, B.A. - - - -	1926
*Love, James Robert Beattie, M.A. - - -	1933	McCarthy, Doreen Franklin, B.A. - -	1931
Love, John Alexander, M.B., B.S. - - -	1915	B.Sc. - - - -	1940
Love, John Holinger, B.A. - - - -	1951	McCarthy, Ian Ellery, Ph.D. - - - -	1956
Loveday, John, M.Ag.Sc. - - - -	1956	McCarthy, Ian John, M.Sc. - - - -	1954
Loveday, Penelope, B.A. - - - -	1951	†McCarthy, Kenneth Ramsay, LL.B. -	1957
Lovell, Keith Everett, M.B., B.S. - - -	1949	McCarthy, Peter Paul, LL.B. - - - -	1924
Lovibond, Sydney Harold, B.A. (Mel- bourne, 1954) - - - -	1956	B.A. - - - -	1923

* Deceased.

† Not yet Members of the Senate.

McCartney, James Elvins, M.D. (Edinburgh, 1922) - - - -	1953	Mack, Hans Hamilton, B.A. - - - -	1880
McCloughry, Claude Lancelot, B.E. - - - -	1926	McKail (nee Boyer), Gertrude Mary, B.A. - - - -	1912
McConnon, James, B.A. - - - -	1925	Mackail, John William, LL.D. (Edinburgh) - - - -	1923
McCormack, Donald Douglas, M.B., B.S. - - - -	1951	MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) - - - -	1924
McCormick, Charles William Diehl, B.E. - - - -	1953	McKay, Douglas Gordon, M.B., B.S. - - - -	1927
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922) - - - -	1928	Mackay, Malcolm George, B.A. - - - -	1947
McCoy, William Taylor, M.B., B.S. - - - -	1956	McKay, Malcolm William, B.A. - - - -	1936
McCullough, Amy Margaret, B.A. - - - -	1942	MacKay, Margaret Ethel, M.Sc. - - - -	1938
McDonald, Bruce Alexander, B.D.S. - - - -	1951	McKay, Maureen Gordon, B.Sc. - - - -	1949
McDonald, Colin Robert, B.Sc. - - - -	1949	McKay, Ronald George MacAlpine, M.B., B.S. - - - -	1941
*McDonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917) - - - -	1917	Mackay, Samuel Angus, B.Sc. - - - -	1921
McDonald, Donald Stuart, B.A. - - - -	1937	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. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1948
†McDonald, John Gregory, M.B., B.S. - - - -	1956	†McKellar, John Ralph, B.Sc. - - - -	1956
McDonald, John Hunter, B.A. - - - -	1934	McKelvie, Donald, B.Sc. - - - -	1953
McDonald, Kenneth Duncan, B.Sc. - - - -	1951	McKenna, Donald George, M.B., B.S. - - - -	1949
Macdonald, Keith Alexander, LL.B. - - - -	1932	McKenna, Keith Patrick, M.B., B.S. - - - -	1953
McDonald, Percy William, B.A. - - - -	1932	McKenzie, Donald Keith, M.B., B.S. - - - -	1927
McDonald, Peter Baker, B.A. - - - -	1950	McKenzie, Jean, B.Sc. - - - -	1954
McDonald, Peter de Paul, B.D.S. - - - -	1953	McKenzie, Mary, M.B., B.S. - - - -	1946
McDonald, Ross, LL.B. - - - -	1913	Mackie, Dean Graham, M.B., B.S. - - - -	1953
McDonnell, Eileen Mary, B.A. - - - -	1929	McKie, Duncan, Mus.Bac. - - - -	1938
McDonnell, Ellen Mary, B.A. - - - -	1943	Mackie, James Joseph, B.E. - - - -	1953
McDougall, Elisabeth, B.A. - - - -	1942	†McKinnon, Donald Campbell, M.B., B.S. - - - -	1957
McDougall, John, B.E. - - - -	1943	McKinnon, George Clarence, B.Sc. - - - -	1933
McDowall, Barry Patrick, B.Sc. - - - -	1954	McKinnon, Heather Campbell, B.A. - - - -	1952
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926) - - - -	1948	McKinnon, John Desmond, B.D.S. - - - -	1951
McEachern, Morven, B.D.S. - - - -	1927	McKinnon, Robert Campbell, B.A. - - - -	1934
McElligott, John, B.A. (Queensland, 1938) - - - -	1940	McKinnon, Robert Keith, B.E. - - - -	1950
McEvoy, Aloysius John, B.A. - - - -	1937	McKinnon, Ross Charles, M.B., B.S. - - - -	1952
McEvoy, Frances, B.Sc. - - - -	1952	Macklin, Ellen Dulcie, M.Sc. - - - -	1927
McEwan, Lena Elizabeth, M.B., B.S. - - - -	1949	Macklin, Laura Muriel Caterer, B.A. - - - -	1934
McEwin (nee Marshall), Betty Waddell, B.Sc. - - - -	1943	Macklin, William Charles, M.Sc. - - - -	1956
McEwin, John Neil, LL.B. - - - -	1928	*Maclaren, Peter Patrick, B.A. - - - -	1915
McEwin, Keith, M.B., B.S. - - - -	1912	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935) - - - -	1947
McEwin, Roderick Gardner, M.B., B.S. - - - -	1944	McLaughlin, Eric Enstone, LL.B. - - - -	1935
McFarlane, Alan, B.E. - - - -	1953	McLaughlin, Eugene, M.B., B.S. - - - -	1922
McFarlane, Eileen Dorothea, B.A. - - - -	1943	†McLaughlin, Moira Clare, B.Sc. - - - -	1957
McFarlane, John Preiss, LL.B. - - - -	1936	McLay, Andrew Harold, B.A. - - - -	1953
McFarlane, Trevor Hector, LL.B. - - - -	1937	McLean, Albert Eric, M.A. - - - -	1931
McFarlane, William Hector, B.Ag.Sc. - - - -	1942	McLean, Dorothy Alice, B.A. - - - -	1927
McGee, Colin Raymond, B.Sc. - - - -	1953	McLean, Ian Weymouth, B.Sc. - - - -	1952
McGee, John, LL.B. - - - -	1922	McLean, Murray Colin, B.A. - - - -	1949
Macgey, Mary Veta, M.A. - - - -	1930	McLean, Reginald Alexander, B.A. - - - -	1932
†McGill, Ian Keith, B.A. - - - -	1956	McLean, Sibeley Jean, M.Sc. - - - -	1951
McGlashan, John Eric, M.B., B.S. - - - -	1909	†McLeay, Colin James, M.B., B.S. - - - -	1956
McGlashan, John Gardner, M.B., B.S. - - - -	1942	McLeay, Donald Barton, M.B., B.S. - - - -	1947
McGlashan (nee Gardner), Mary Beatrice, B.A. - - - -	1909	McLeay, Helen Mary, B.A. - - - -	1950
McGlasson, William Barry, B.Ag.Sc. - - - -	1951	MacLennan, James Sydney Kilcoy, LL.B. - - - -	1906
McGlew, Phyllis Dorothy, M.B., B.S. - - - -	1918	McLeod, Allan John, B.Sc. - - - -	1939
McGovern, Thomas Henry, LL.B. - - - -	1951	McLeod, Douglas Burton, LL.B. - - - -	1952
McCowan, George Murray, B.A. - - - -	1938	McLoughlin, Vincent Patrick, B.A. - - - -	1949
McCowan, Norman Leslie, B.E. - - - -	1950	McMahon, Francis Leslie, B.Ec. - - - -	1951
†McCowran, Brian, B.Sc. - - - -	1957	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - -	1948
McCowran, Myris Irene, B.A. - - - -	1954	McManus, John Bernard, B.Sc. - - - -	1954
McGrath, Ivan Stanley, B.D.S. - - - -	1946	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - -	1944
†McGrath, James Patrick, B.A. - - - -	1955	McMichael, Kenneth Price, B.E. - - - -	1950
McGrath, Kelvin Paul, B.Sc. - - - -	1950	McMillan, James William, M.B., B.S. - - - -	1952
McGregor, Gordon Thompson, B.A. - - - -	1950	McMillan, Raymond, B.E. - - - -	1949
†McGuire, Anthony, B.A. - - - -	1955	McMillan, Stanley Lyall, B.Sc. - - - -	1949
Machell, John Edward Lewis, B.Sc. - - - -	1948	McMurtie, Alan Ian, B.A. - - - -	1935
Machin, George Herbert, B.E. - - - -	1934	McMurtie, Colin, B.A. - - - -	1925
Machlin, Simon, M.B., B.S. - - - -	1952	McMurtie, Winifred Joan, B.A. - - - -	1935
McHugh, Edward Charles, LL.B. - - - -	1948	McNally, John Neilson, B.Sc. - - - -	1953
McInerney, Thomas John, B.Sc. - - - -	1949	McNamara, Agnes, B.A. - - - -	1937
McInerney, Thomas Taylor, LL.B. - - - -	1939	McNeil, Ian (formerly John), M.B., B.S. - - - -	1918
†McInnes, Ian Donald, B.D.S. - - - -	1957	McNeil, Philippa Florence, B.A. - - - -	1952
McIntosh, Gerald Alexander, M.B., B.S. - - - -	1944		
McIntosh, Howie James, B.E. - - - -	1927		
MacIntosh, Ronald MacKenzie, M.B., B.S. - - - -	1941		
Mack, Douglas Urban Gilbert, B.A. - - - -	1940		

*Deceased.

†Not yet Members of the Senate.

McNicol, David Williamson, B.A.	- - -	1937	Manea, Ernest Cosmo, M.B., B.S.	- - -	1949
McNicol, John Howard, B.Sc.	- - -	1953	Manea, Spero, M.B., B.S.	- - -	1952
McPharlin, Alison Tudor, B.A.	- - -	1952	Manassis, Peter Christopher, M.B., B.S.	- - -	1952
McPharlin, Deane, B.Sc.	- - -	1945	†Mangan, John Arthur, LL.B.	- - -	1957
†McPheat, Ian William, B.E.	- - -	1957	Mangan, John Arthur Leslie, LL.B.	- - -	1927
†McPheat, Leslie John, B.E.	- - -	1957	Mann, Edward Thomas, B.E.	- - -	1953
†McPherson, Alexander Owen, B.Sc.	- - -	1926	Mann, Gertrude Irene, B.A.	- - -	1919
M.A.	- - -	1933	Mannes, Sylvester Joseph, B.A.	- - -	1938
McPherson, Margaret Helen, B.A.	- - -	1951	Manoel, Eva Mary, B.A.	- - -	1938
McPherson, Mary, B.A.	- - -	1947	Mansbridge, Harold Edgar, B.Sc.	- - -	1949
Macpherson, Reginald Murray, B.A.	- - -	1947	Mansfield, Eric William, B.E.	- - -	1950
Macpherson, Shirley Helen, B.A.	- - -	1941	Mansfield, William Walladge, B.Sc.	- - -	1943
McPhie, Jean Elsbeth, B.Sc.	- - -	1945	Manthorpe, Thomas Dion, M.B., B.S.	- - -	1951
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	- - -	1957	Manuel, Deane James Hubert, B.Ec.	- - -	1950
†McQuade, Joseph Aloysius, M.B., B.S.	- - -	1956	Manuel, James Douglas, B.A.	- - -	1944
McQueen, George Hugh, M.B., B.S. (Melbourne)	- - -	1947	Marcus, Irving, M.B., B.S.	- - -	1951
McRobert, Helen Angus, M.B., B.S.	- - -	1949	Marinos, Nicos George, Ph.D.	- - -	1956
MacSkimming, Walt Ronald Auscot, B.A.	- - -	1950	†arker, William Herman, B.E.	- - -	1949
McWhae, Douglas Hope, M.B., B.S.	- - -	1945	Markey, Gregory Barton, M.B., B.S.	- - -	1953
Maddeford, Sheila Lamont, LL.B.	- - -	1927	Markham, Neville Lawrence, B.Sc.	- - -	1952
*Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924)	- - -	1926	†Marks, Monica Mary, B.A.	- - -	1956
Maddern, Cecil Pomeroy, B.D.S.	- - -	1951	Marlow, Alfred Dudley Roy, B.Sc.	- - -	1938
Maddern, John Pearce, M.B., B.S.	- - -	1948	Marmion, Robert James, B.Sc.	- - -	1918
Maddern, Martin Randall Foss, B.A.	- - -	1937	Marriner, Frank Wilfred, B.Sc.	- - -	1949
Maddern, Max Wilfred, B.Sc.	- - -	1953	Marriott, John Edward, B.D.S.	- - -	1951
Madge, Paul Edward, Ph.D.	- - -	1956	Marsh, Charles William, B.E.	- - -	1950
Madigan, Claire Phyllis, M.Sc.	- - -	1951	Marsh, John Albert, B.Sc.	- - -	1952
Madigan, David Cecil, B.Sc.	- - -	1937	Marshall, Annie, M.Sc. (Melbourne, 1930)	- - -	1954
Madigan, James Francis, B.E.	- - -	1952	Marshall, Herbert Edmund, B.A.	- - -	1940
Madigan, Michael Roebourne, M.B., B.S.	- - -	1952	†Marshall, Lyle Gordon, B.E.	- - -	1956
B.Sc.	- - -	1953	Marshall, Janette Ruth Watson, M.B., B.S.	- - -	1953
Madigan, Paul Edward, LL.B.	- - -	1922	Marshall, Theo John, M.Ag.Sc.	- - -	1933
Madigan, Russel Tullie, M.E.	- - -	1957	Marshman, Ashley Mead, B.A.	- - -	1936
Madison, Thomas Glover, M.B., B.S.	- - -	1946	*Marshman, Ian, M.B., B.S.	- - -	1953
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	- - -	1901	Marshman, Wesley Melvyn Tiller, B.D.S.	- - -	1924
D.Sc.	- - -	1907	Marston, Colin Frederick, B.E.	- - -	1951
Maegraith, Brian Gilmore, M.B., B.S.	- - -	1930	Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	- - -	1913
Maerschel, Barbara, B.A.	- - -	1951	Martin, Alfred Irwin, B.E.	- - -	1928
Magarey, Alexander Roy, M.B., B.S.	- - -	1941	Martin, Alfred William, B.A.	- - -	1950
Magarey, Ashley Henderson, LL.B.	- - -	1938	Martin, Amalia Anna, B.A.	- - -	1930
M.B., B.S.	- - -	1940	†Martin, Arthur Bruce, M.B., B.S.	- - -	1956
Magarey, Brian Attiwill, LL.B.	- - -	1948	Martin, Bernice Wilma, B.A.	- - -	1945
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	- - -	1941	Martin, Beryl Claire, B.A.	- - -	1952
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	- - -	1939	†Martin, Bruce Bamford, B.Sc.	- - -	1957
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	- - -	1951	Martin, Bruce Peter, B.E.	- - -	1954
Magarey, Katherine Ashley, B.Sc.	- - -	1949	Martin, Charles Burton, B.A. (Boston, 1948)	- - -	1954
Magarey, Kathleen de Brett, B.A.	- - -	1921	Martin, Sir Charles James, D.Sc. (London, 1896)	- - -	1931
B.Sc.	- - -	1932	Martin, David Elwes, B.E.	- - -	1947
Magarey, Kevin Barry, B.A.	- - -	1950	Martin, David Montgomerie, B.Sc. (Eng.)	- - -	1945
Magarey, Paul Robertson, B.E.	- - -	1952	†Martin, Donald Leslie, B.E.	- - -	1956
Magarey, Robert Richmond, M.B., B.S.	- - -	1951	Martin, Frederick Clarence, M.A.	- - -	1932
Magarey, Rupert Eric, M.B., B.S.	- - -	1904	Martin, Helene Alice, B.Sc.	- - -	1954
Magor, Clifford James, M.A.	- - -	1932	Martin, Ian Holland, M.D. (M.B., B.S., 1942)	- - -	1952
Magor, Irvine Frank, B.A.	- - -	1938	Martin, John Claude, LL.B.	- - -	1905
†Magor, Margaret Elizabeth, B.A.	- - -	1955	†Martin, John Gerald, B.E.	- - -	1955
Maguire, John Charles, B.A.	- - -	1941	Martin, Jeanne Mary, B.A.	- - -	1953
Maguire, Maurice Glen, M.B., B.S.	- - -	1953	Martin, Keith George, B.Sc.	- - -	1952
Maiden, Leslie Carrington, B.D.S.	- - -	1924	Martin, Lincoln William, M.B., B.S.	- - -	1931
Main, Arthur Charles, B.E.	- - -	1926	Martin, Maurice Leon, B.Sc.	- - -	1945
Mainstone, John Sydney, B.Sc.	- - -	1954	B.A.	- - -	1954
Maitland, James Angus, LL.B.	- - -	1932	Martin, Patrick Lawrence, B.D.S.	- - -	1954
†Mak, Kai Tye, B.E.	- - -	1957	Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	- - -	1957
Makin, Frank Humphrey, M.B. (Melbourne, 1901)	- - -	1906	Martin, Ralph Keith, B.A.	- - -	1947
Mallan, James Michael, B.D.S.	- - -	1927	Martin, Stanley Bamford, M.B., B.S.	- - -	1946
Mallen, Arthur Lindsay, B.E.	- - -	1953	Martin, Trevor Wallis, B.D.S.	- - -	1950
Mallen, Leonard Ross, M.B., B.S.	- - -	1925	Martin, Walter Raymond, B.A.	- - -	1938
Mallyon, Rebecca Oakley Kingsnorth, B.A.	- - -	1943	Martin, William Thomas, B.A.	- - -	1914
Maloney, Joan, B.A.	- - -	1951	†Marzo, Leo Alfred, M.B., B.S.	- - -	1957
Maloney, Martin James, B.E.	- - -	1928	Maschmedt, Zillah Daisy, M.A.	- - -	1947
Maloney, Vernon Thomas Steven, B.Sc.	- - -	1929	†Maslen, Grant Lewis, B.E.	- - -	1955
Mander, Linden Alfred, M.A.	- - -	1920	Mason, Bruce, B.Sc.	- - -	1938
Mander, Suzanne Flora, B.Sc.	- - -	1949	Mason, Robert Claud, B.Sc.	- - -	1951
			Masters, Ross Lincoln, B.Sc.	- - -	1924
			†Materne, Desmond Eric, B.A.	- - -	1956

* Deceased.

† Not yet Members of the Senate.

†Materne, Maurice Ernest, M.B., B.S.	1956	Mellanby, Sir Edward, G.B.E., K.C.B.,	
Mather, Keith Benson, B.Sc. (Eng.) -	1942	M.D. (Cambridge) - - - - -	1951
M.Sc. - - - - -	1944	Mellor, Geoffrey Lloyd, M.B., B.S. -	1947
Matheson, Graham Houston, B.E. (In-		Mellor, Thomas Reginald, LL.B. - -	1920
terim) B.Sc. (Eng.), 1946, surren-		Mellows, Peter Ernest, M.B., B.S. -	1947
dered) - - - - -	1948	Melville, James, Ph.D. (London, 1934)	1956
Matheson, Pamela, B.Sc. - - - - -	1949	Melville, Sidney John, LL.B. - - -	1921
Matheson, Roderick Grant, LL.B. -	1952	Melvin, Geoffrey Ronald, M.B., B.S. -	1954
B.A. - - - - -	1953	†Menadue, John Laurence, B.Ec. - -	1956
Matheson, William Edmund, B.Ag.Sc.	1952	Menear, Ira, B.A. - - - - -	1927
Mathews, David Stanley, B.Sc. - - -	1938	B.Ec. - - - - -	1955
B.A. - - - - -	1940	†Menear, Yvonne, M.B., B.S. - - -	1957
Mathews, Kenneth Elliott, B.E. - - -	1953	*Menz, Anna Magdalene Augusta, B.A.	1918
Mathews, Russell Lloyd, B.Ec. (B.Com.,		Menz, Emmi Margarete, B.A. - - -	1932
Melbourne, 1950) - - - - -	1953	Menz, William John, B.Ec. - - - -	1948
Mathias, Brian Morgan, B.E. - - - -	1952	Menzies, Ross Bailey, B.E. (Interim	
Mathieson, Marjorie Jean, Ph.D. (Cam-		B.Sc. (Eng.), 1942, surrendered) -	1947
bridge, 1950) - - - - -	1954	†Mercer, Donald James, B.E. - - -	1957
Matters, Horace John, B.A. - - - - -	1950	Mercer, Edgar Howard, B.Sc. - - -	1935
Matters, Reginald Francis, M.D. (M.B.,		Mercer, Frank Verdun, B.Sc. - - -	1942
B.S., Sydney, 1916) - - - - -	1929	Merity, John Patrick, LL.B. - - -	1952
M.S. - - - - -	1935	Merrett, James Laurence, B.Sc. - -	1949
†Matthew, Evelyn Maime, B.Sc. - - -	1957	Mertin, Jack Victor, B.Ag.Sc. - - -	1944
Matthew, Ian George, B.Sc. - - - -	1954	Messel, Harry, Ph.D. (National Univer-	
B.E. - - - - -	1956	sity, Ireland) - - - - -	1952
Matthews, Gladys Mary Palmer, LL.B.	1935	Messent, Esther Mary, B.A. - - - -	1928
Matthews, Harold Pfau, B.E. - - - -	1927	Messent, Keith Santo, B.E. - - - -	1920
Matthews, Maurice John, M.B., B.S. -	1944	Messent, Sir Philip Santo, M.S. (M.B.,	
Matthews, Richard Trahair, B.A. - -	1941	B.S., 1918) - - - - -	1923
Matthews, Richard Twitchell, B.A.		Messent, Philip William Santo, M.B.,	
(London, 1883) - - - - -	1884	B.S. - - - - -	1954
Matthews, Robert Stephen, B.Sc. - -	1948	Meyer, Heinrich Carl, B.Sc. - - - -	1932
Mattingley, Brian John, B.A. (Tas-		Meyer, Richard, Leo, B.A. - - - -	1953
mania, 1937) - - - - -	1938	Michael, James Henry, Ph.D. (M.Sc.,	
Mattner, Ivy Ida, B.A. - - - - -	1948	1953) - - - - -	1957
Mattner, Philip Edward, B.Ag.Sc. -	1949	Michael, Maxwell Roy, B.E. - - - -	1951
Mattner, Richard Hocking, B.E. - -	1952	Michael, Peter William, B.Ag.Sc. - -	1951
Matulich, Ross Noel, LL.B. - - - -	1950	Michell, Charles Francis, M.B., B.S. -	1921
†Mauger, Alan Harris, M.B., B.S. - -	1955	Michell, Mignon Norma Howard, B.A.	1944
Mawby, Olga Gates, B.A. - - - - -	1922	Michelmore, Walter Maxfield, B.Sc. -	1941
Mawson, Sir Douglas, D.Sc. (B.Sc.,		†Mickan, Erwin Laurence, B.Sc. - - -	1956
Sydney, 1901) - - - - -	1909	Mickan, John Herbert, M.B., B.S. - -	1952
Mawson, Jessica Quita, B.Sc. - - -	1939	Middleton, Melville John William, B.A.	1941
Mawson, Patricia Marietje, M.Sc. - -	1938	Middleton, William Thomas Steele,	
May, Dorothy Mary, B.A. - - - - -	1938	B.Sc. - - - - -	1947
†May, Geoffrey Ernest, B.Ec. - - - -	1957	Mierisch, Robert Johnston, M.E. - -	1957
May, John Wilhelm, M.Sc. - - - - -	1956	Miethke, Adelaide Laetitia, B.A. - -	1924
May, Lancelot Harris, B.Sc. - - - -	1949	Mikuzis, Jonas, M.B., B.S. - - - -	1954
May, Leonard Seymour, B.Sc. - - - -	1926	Milazzo, Clare Cecelia, B.A. - - - -	1952
May, Roland George, Mus.Bac. - - -	1939	Milazzo, Stephen Charles, M.B., B.S.	1949
Maynard, Donald Archer Scott, B.Sc.	1938	†Mildren, Mary Louise, B.A. - - - -	1955
B.A. - - - - -	1945	Miles, John Arthur Reginald, M.D.	
Mayne, Robert John Bruce, M.A. (New		(Cambridge, 1951) - - - - -	1953
Zealand, 1926) - - - - -	1937	Miles, Perry Ambrose, M.Sc. - - - -	1951
Mayo, Clarice Elton, B.A. - - - - -	1935	Milesi, Angelo John, B.Sc. - - - -	1927
*Mayo, George Elton, M.A. - - - - -	1926	Mill, James Crowe Davidson, M.B., B.S.	1953
Mayo, George Melrose Elton, Ph.D.		Millard, Colin, B.Ec. - - - - -	1950
(B.Ag.Sc., 1945) - - - - -	1957	Miller, Annie Rose, B.A. - - - - -	1934
Mayo, Helen Mary, M.D. (M.B., B.S.,		Miller, Beryl Jessica, B.A. (Tasmania,	
1902) - - - - -	1926	1923) - - - - -	1924
Mayo, Sir Herbert, LL.B. - - - - -	1909	Miller, Ian Lindemann, M.B., B.S. -	1938
*Mayo, John Christian, M.D. (M.B.,		B.S., 1913) - - - - -	1946
B.S., 1913) - - - - -	1946	†Miller, John Keetley, M.B., B.S. - -	1957
Mayo, Mary Penelope, M.A. - - - -	1937	†Miller, John Milton, M.B., B.S. - -	1957
Mead, Dorothy, B.A. - - - - -	1927	Miller, Joseph Brendan, B.E. - - -	1951
Mead, John William, B.Ec. - - - - -	1950	Miller, Justin Herbert, M.B., B.S. -	1954
Mead, Marjory, B.A. - - - - -	1933	Miller, Leslie Gordon, M.B., B.S. -	1949
Meadows, Arthur Wilkes, Ph.D. (Lon-		Miller, Malcolm William, M.B., B.S. -	1932
don, 1951) - - - - -	1955	Miller, Margaret Una, B.A. - - - -	1928
Meaker, Arthur Reginald, B.A. - - -	1940	Miller, Peter Geoffrey, B.Sc. - - -	1952
Meaney, Maxwell Francis, B.Sc. - - -	1950	Miller, Raymond Orlando Maurice, B.A.	1905
Meaney, Neville Kingsley, M.A. - - -	1956	Miller, Robert Lionel, B.Sc. - - -	1942
Meaday, Ellen May, B.A. - - - - -	1940	M.B., B.S. - - - - -	1947
Meaday, Jack William, B.E. - - - -	1948	Miller, Victor John, B.E. - - - - -	1952
Medlin, Edwin Harry, Ph.D. - - - -	1956	Millhouse, Glenn, B.D.S. - - - - -	1948
Medlow, David, B.Sc. (Eng.) - - - -	1944	Millhouse, Robin Rhodes, LL.B. -	1951
Medwell, John Gordon, B.A. - - - -	1952	Millhouse, Vivian Rhodes, LL.B. -	1939
Meiers, John Maurus, B.A. - - - - -	1937	Milligan, Brian, Ph.D. - - - - -	1956
Melbourne, Henry Eoin Sydney, B.E.	1920	Mills, Barbara Joyce, B.A. - - - -	1938
Melbourne, John Clifford, B.E. - - -	1952	Mills, Bessie Heather, B.A. - - - -	1952
Melbourne, William Henry John, B.A.	1949	Mills, Dorothy Nell, B.A. - - - -	1928
Meldrum, Brian Reginald, M.B., B.S. -	1953	Mills, Eric Baxter, B.E. - - - - -	1929
Meldrum, Edgar Albert, B.D.S. (Syd-		Mills, John Archer, M.Sc. - - - -	1944
ney, 1924) - - - - -	1925	Mills, John Brabyn, B.Sc. - - - -	1936
		Mills, John Murray, B.A. - - - -	1952

* Deceased. † Not yet Members of the Senate.

†Mills, John Scott, B.E. - - - -	1955	†Morcom, Ross George, B.E. - - - -	1955
Milne, Annie Johnson, B.A. - - - -	1936	More, William St. Barbe, B.Sc. (West-	
Milne, Kenneth Harvey, B.E. - - - -	1925	ern Australia, 1922) - - - -	1947
Milne, Kevin Fowler, M.B., B.S. - - - -	1951	Moreland, Jack, M.B., B.S. - - - -	1926
Milner, Desmond Walter, B.E. - - - -	1936	Morey, Burnard Spondley, B.Sc. - - - -	1950
Milton, Bernard Eric, B.Sc. - - - -	1954	Morey, Geoffrey Wilson, M.B., B.S. - - - -	1926
Milton, Gerald White, M.B., B.S. - - - -	1947	Morgan, David Archibald Stevenson,	
Minahan, Agnes Cecelia, M.A. - - - -	1933	M.B., B.S. - - - -	1943
Minson, Charles Stanley, B.Ec. - - - -	1939	Morgan, Edward James Ranembe,	
Miraglia, Carlotta Rosina, B.A. - - - -	1953	L.L.B. - - - -	1920
†Misson, Patrick William, M.B., B.S. - - - -	1956	Morgan, Eric Desmond, B.D.S. - - - -	1948
†Mitchell, Albert Leonard, B.A. - - - -	1956	Morgan, John Phillip, B.E. (Interim	
Mitchell, Betty Dawn, B.A. - - - -	1947	B.Sc. (Eng.), 1944, surrendered) - - - -	1953
Mitchell, Donald Thomas, B.E. - - - -	1930	Morgan, Lloyd, Kenneth, M.B., B.S. - - - -	1952
*Mitchell, Ernest Edwin, Mus.Bac. - - - -	1923	Morgan, Owen Brakspear, M.B., B.S. - - - -	1952
Mitchell, Frank Wyndham, B.Sc. - - - -	1927	Morgan, Olwen Esther, B.A. - - - -	1930
B.A. (Ph.D., Lond., 1937) - - - -	1933	Morgan, William Matheson, B.E. - - - -	1930
	1943	†Moritz, Alan Gilbert, B.Sc. - - - -	1957
Mitchell, Geoffrey George, M.Sc. - - - -	1951	†Morlet, Geoffrey Claude, M.B., B.S. - - - -	1955
Mitchell, George Thomas Jeffrey, M.A. - - - -	1932	Morphett, Anthony Eddy, B.Sc. - - - -	1950
Mitchell, Helen Margaret, B.Sc. - - - -	1952	†Morphett, John Neville, B.E. - - - -	1955
Mitchell, John Turnbull, B.Ec. - - - -	1953	†Morris, David Franklin, B.Sc. - - - -	1955
Mitchell, Leigh Holman, B.E. (Interim		Morris, Hildred Ione, B.A. - - - -	1929
B.Sc. (Eng.), 1947, surrendered) - - - -	1948	Morris, John Lennox, B.A. - - - -	1949
Mitchell, Sir Mark Ledingham, B.Sc. - - - -	1923	Morris, Kerwin William, B.Sc. - - - -	1949
†Mitchell, Noel John, M.B., B.S. - - - -	1956	Morris, Lenore, B.Sc. - - - -	1950
Mitchell, Percival Harris, B.A. - - - -	1906	Morris, Lyndall Erica, B.A. - - - -	1924
Mitchell, Roma Flinders, LL.B. - - - -	1934	Morris, Mervyn Charles, LL.B. - - - -	1923
†Mitchell, Terrence John, B.A. - - - -	1957	Morris, Elsie, M.A. - - - -	1931
Mitchell, Thomas Oliver, B.Ag.Sc. - - - -	1933	†Mortimer, Isabel Inkster, M.B., B.S. - - - -	1955
Mitchell, Sir William, M.A. (Edinburgh,		Mortimer, Peter Inkster, M.Sc. - - - -	1957
1886) - - - -	1895	Morton, Christopher Gordon, B.E. - - - -	1924
Mitchell, William Robert, B.E. - - - -	1950	†Morton, Donald James, B.Sc. - - - -	1956
Mitchell, William Russell, B.E. - - - -	1948	Moss, Colin Lance, B.A. - - - -	1939
†Mitchell, Zonne Marion, B.A. - - - -	1956	Moss, Rodney Clare, M.B., B.S. - - - -	1954
†Mitt, Hugo, B.E. - - - -	1955	Moten, Brian Leslie, B.E. - - - -	1953
†Mitton, Jennifer Jean, B.A. - - - -	1956	†Moten, John Michael, B.Sc. - - - -	1955
Mitton, Ronald Gladstone, M.Sc. - - - -	1928	†Moten, Kathleen Margaret, M.B., B.S. - - - -	1957
Mizon, Errol Alfred, B.Sc. - - - -	1948	†Motteram, Philip, B.E. - - - -	1914
Moffatt, Betty Josephine Margaret		Motteram, Reginald, B.Sc. - - - -	1934
Douglas, B.A. - - - -	1946	M.B., B.S. - - - -	1939
LL.B. - - - -	1947	Moulden, Arnold Meredith, LL.B. - - - -	1914
Moffat, Dorothy Joan, B.A. - - - -	1944	†Moulden, Barbara Meredith, B.A. - - - -	1957
Moffat, May Josephine, M.B., B.S. - - - -	1911	Moulden, John Owen, LL.B. - - - -	1938
Moffatt, Cathie Douglas, M.B., B.S. - - - -	1953	Moulden, Owen Meredith, M.B., B.S. - - - -	1910
†Moffatt, Graeme Gilbert, B.Ec. - - - -	1957	Mounster, Valerie Luella, B.A. - - - -	1928
Moffatt, Jeannie May Douglas, M.B.,		†Mount, Jonathan, B.E. - - - -	1955
B.S. - - - -	1953	Movius (nee Champion de Crespigny),	
Moffitt, Richard Barry, B.E. - - - -	1952	Nancy, B.A. (Melbourne, 1934) - - - -	1934
Mofflin, Lionel Hugh, M.B., B.S. - - - -	1948	Moyes, John Stoward, M.A. - - - -	1907
Mohr, Robert Finey, LL.B. - - - -	1953	Moyes, Morton Henry, B.Sc. - - - -	1910
Molineux, Marion Ruth, B.A. - - - -	1954	Moyle, Francis James, B.Sc. - - - -	1950
Molineux, Ronald Eugene, B.E. - - - -	1947	Moyle, Sidney, M.A. - - - -	1917
Molloy, Raymond Brian, B.A. - - - -	1950	B.Sc. - - - -	1926
Moncrieff, Josephine Hartley, B.A. - - - -	1911	Moyes, Bertram Ivey, B.E. - - - -	1937
Moncrieff, Mary Kathleen, B.A. - - - -	1910	Mudge, Margaret, B.A. - - - -	1953
Moncrieff, Rostrevor Brooke, M.B., B.S. - - - -	1952	Mudie, George Dempster, B.E. - - - -	1921
Monfries, John William Elliott, B.D.S. - - - -	1924	Muecke, Douglas Colin, B.A. - - - -	1948
Mongan, Horace John, B.E. - - - -	1918	Muecke, Francis Frederick, M.B., B.S. - - - -	1902
†Montgomery, Albert, M.B., B.S. - - - -	1955	†Muecke, Ian Donald, B.A. - - - -	1955
Moodie, Colin Troup, LL.B. - - - -	1934	Mueller, Dorothy Concordia, B.A. - - - -	1953
Moodie, Robert Beresford, LL.B. - - - -	1931	Mueller, Edwin Albert, B.A. - - - -	1939
Moore, Alan Walter, B.Ag.Sc. - - - -	1948	Mueller, Malcolm Dudley, B.E. - - - -	1950
Moore, Arthur Pariss Reading, D.D.Sc. - - - -		Mueller, Merna Alma, M.B., B.S. - - - -	1950
(B.D.S., 1921) - - - -	1926	Mueller, Rae Vernon, B.Sc. - - - -	1944
Moore, Cecily Anne, B.A. - - - -	1954	Muetzelfeldt, Dorothea, B.A. - - - -	1951
Moore, Donald Rex, B.Sc. - - - -	1922	Muetzelfeldt, Elfriede Elise, M.A. - - - -	1950
Moore, George Douglas, B.Sc. - - - -	1904	Mugford, Frank Kenneth, M.B., B.S. - - - -	1925
Moore, Harold Robinson, M.B., B.S. - - - -	1945	†Mugford, Keith, M.B., B.S. - - - -	1957
Moore, Humphrey Owen, B.Sc. - - - -	1932	Mugford, Lancelot Suckling, B.A. - - - -	1945
†Moore, John Lewis, M.B., B.S. - - - -	1957	Mugford, Rex Ernest, B.A. - - - -	1944
Moore, Kevin Reading, B.D.S. - - - -	1951	Muhammad, Abdul Munim Hassan,	
Moore, Max Clifford, M.B., B.S. - - - -	1946	B.Ag.Sc. - - - -	1952
†Moore, Murray Ira, B.E. - - - -	1956	Muirden, Elizabeth Alice, B.A. - - - -	1950
Moore, Phyllis Mary, B.A. - - - -	1909	Muirden, Hector Raymond, B.A. - - - -	1930
Moore, Robert Brian, B.Sc. - - - -	1950	Muirhead, Andrew Mackinnon, B.D.S. - - - -	1950
†Moore, Robert Clifford, B.A. - - - -	1956	Muirhead, David Robb, B.E. (Interim	
†Moore, Robert Waters, B.Ag.Sc. - - - -	1957	B.Sc. (Eng.) 1943 surrendered) - - - -	1950
Morad, Ahmad Bin, M.B., B.S. - - - -	1954	Muirhead, James Henry, LL.B. - - - -	1950
Moran, Francis Brian, LL.B. - - - -	1948	Muirhead, Leonard Graeme, M.B., B.S. - - - -	1911
Moran, John Francis, B.D.S. - - - -	1941	Muirhead, Mortimer John Croft, M.B.,	
Morcom, Robert Richard, B.E. (Interim		B.S. - - - -	1949
B.Sc. (Eng.), 1944, surrendered) - - - -	1947	Muiznilis, Voldemars, B.E. - - - -	1951

° Deceased.

† Not yet

Members of the Senate.

†Noblett, Max Hadden, B.A. - - -	1957
Nogare, Ronald Raphael Dalle, B.Sc. -	1958
†Nolte, Bryan Trevor, B.E. - - -	1957
Noltenius, Harry Edward, B.A. - - -	1902
Noon, David Lyon, B.A. - - -	1952
Noonan, John William, B.A. - - -	1952
†Noonan, Patrick Robert, B.Ec. - - -	1957
†Nordin, Alfred Walter, B.E. - - -	1957
Norgard, John Davey, B.E. - - -	1937
Norman, Albert Edward, B.A. - - -	1948
Norman, Arthur Edward, B.Sc. - - -	1949
B.A. - - -	1955
Norman, Harold Ashley, LL.B. - - -	1947
*Norman, William Ashley, LL.B. - - -	1911
Norman, William Gowen, M.B., B.S. -	1938
Norrie, Douglas Hector, B.E. (New Zealand, 1952) - - -	1957
†Norris, Allan Mervyn, B.A. - - -	1956
North, Rita Bridget Rice, LL.B. - - -	1945
North, William Ian, M.B., B.S. - - -	1939
Northey, Helen Louise, B.Sc. - - -	1953
Northey, James Douglas, B.A. - - -	1919
Northmore, Sir John Alfred, LL.B. -	1887
*Nossal, Peter Maria Joseph Julius, M.Sc. (Sydney, 1948) - - -	1949
Nott, Harry Carew, M.B., B.S. - - -	1913
†Nottle, Geoffrey Edward, B.A. - - -	1956
Nugent, Naomi Mary, B.Sc. - - -	1954
Nunn, George Marshall, M.B., B.S. -	1951
Nunn, Kevin Joseph, B.Sc. - - -	1942

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
†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, Maurice Aloysius, B.A. - - -	1945
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, William Bernard, M.A. - - -	1933
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, 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
Odlum, Leonard Ralph, B.Sc. - - -	1937
Odlum, Reginald Lance, LL.B. - - -	1937
Odlum, Vernon James, M.B., B.S. - - -	1939
O'Donnell, Elizabeth Anne, LL.B. - - -	1954
O'Donnell, Margaret Helena, B.Sc. - -	1954
O'Donoghue, Kenneth Kilian, M.A. - - -	1951
O'Donoghue, Stephen Kevin, B.A. - - -	1912
O'Donohue, Raymond Francis, B.Ec. - -	1951
†O'Grady, Maureen Therese, B.Sc. - - -	1957
Offord, Thomas Frank, B.Sc. - - -	1951

* Deceased.

† Not yet Members of the Senate.

†Ogilvie, Keith Ross, B.E. - - -	1956
O'Halloran, Michael William, M.Sc. - -	1957
O'Hara, Brian Isidro, M.B., B.S. - - -	1950
†O'Keefe, John, LL.B. - - -	1957
Oldstrom, Leonore Annie, B.A. - - -	1929
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, M.A. - - -	1920
Oldham, Wilfrid Hugh, B.E. - - -	1948
O'Leary, Patrick Damian, B.D.S. - - -	1951
Oliphant, Marcus Lawrence Elwin, B.Sc. - - -	1923
Oliver, Archibald Robert, M.E. - - -	1952
Oliver, Robert Wallace (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945
†Ollino, Richard, B.Sc. - - -	1957
*O'Loughlin, Irene May, M.B., B.S. - - -	1938
O'Loughlin, Kevin Thomas, LL.B. - - -	1949
B.A. - - -	1956
†O'Loughlin, Maurice Francis, LL.B. - -	1956
Olsen, Paul Engberg, B.E. - - -	1941
Oissen, Edwin Alexander, M.A. - - -	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'Neil, Cornelius Patrick, B.A. - - -	1949
O'Neill, Marguerite, B.A. - - -	1949
O'Neill, Sydney, M.B., B.S. - - -	1917
†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. - - -	1950
Opie, Roger Gilbert, M.A. - - -	1951
Opie, Thomas Schulz, B.A. - - -	1923
†Opit, Julius Marcus, B.Sc. - - -	1955
Opit, Louis Jonah, M.B., B.S. - - -	1949
Oram, Rex Neville, B.Ag.Sc. - - -	1953
†Orchard, Donald Ralph, B.E. - - -	1956
Osborn, Edith May, B.Sc. (M.Sc., Manchester, 1908) - - -	1912
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-White, Douglas Arthur, B.E. -	1952
†Osborne-White, William Sidney, B.Sc. -	1956
Osman, Boris, B.E. - - -	1940
Osman, Neile, M.A. - - -	1945
Osmund, Phyllis Dawn, B.A. - - -	1949
O'Sullivan, James David, LL.B. - - -	1949
O'Sullivan, John Joseph, B.A. - - -	1953
Othams, Dorothy Elizabeth, B.A. - - -	1925
Othams, Herbert Reginald, B.A. - - -	1937
Otto, Lance Martin, B.E. - - -	1954
Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1948
†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

Packer, Arthur Dudley, M.Sc. - - -	1951
M.D. (M.B., B.S., 1942) - - -	1951
Packer, John Stuart, B.E. - - -	1953
Packer, Mina, B.D.S. - - -	1933
Padman, Clara Helen, B.A. - - -	1904
Padman, Mabel Margaret, B.A. - - -	1941
Padman, Marsden Waterhouse, B.E. - -	1923
Padman, Maurice Skipsy, B.A. - - -	1931
Padman, William Donald, LL.B. - - -	1933
Paech, Bernice Mary, B.A. - - -	1950
Paech, John Adolph, B.A. - - -	1942
Page, Albert Edward, B.A. - - -	1914
Page, Dean Campbell, LL.B. - - -	1954
Page, Eleanor Florence, B.A. - - -	1940
Page, Geoffrey Wilton, B.D.S. - - -	1940

Page, Gertrude Erica, B.Sc.	- - -	1945	Patterson, William Friedrich, B.E.	- - -	1934
Page, Leland Ivor, M.B., B.S.	- - -	1952	Pattinson, Baden Powell, LL.B.	- - -	1921
Page, Maurice Roy, B.E.	- - -	1950	Paul, Kevin Carroll, B.Sc.	- - -	1935
Page, Ronne Earle, B.A.	- - -	1949	Paul, Alec Gordon, B.Sc.	- - -	1920
Pahl, Paul David, B.A. (N.Z., 1941)	- - -	1943	M.A.	- - -	1932
Paholski, Francis Edmond, B.E.	- - -	1953	Paull, Colin Gordon, M.B., B.S.	- - -	1953
Paice, William Osborne, B.A.	- - -	1953	Paull, Torrance Arnold, M.B., B.S.	- - -	1947
†Pain, Roy Willoughby, M.B., B.S.	- - -	1957	Pavia, Roy Rowling, B.A.	- - -	1913
Paine, Helen, B.A.	- - -	1938	Pavy (nee Proud), Emily Dorothea,	- - -	
Paine, Sir Herbert Kingsley, LL.B.	- - -	1904	B.A.	- - -	1906
Paine, Janet, B.A.	- - -	1944	Pavy, Harold Keith, M.B., B.S.	- - -	1919
Painter, Mary Galloway, Mus.Bac	- - -	1952	Pavy, Ian Gordon, M.B., B.S.	- - -	1943
Painter, Rowland George, B.A.	- - -	1934	Pavy, John Keith, M.B., B.S.	- - -	1952
M.B., B.S.	- - -	1947	Pavy, Rosemary Dorothea, M.B., B.S.	- - -	1948
†Pak Poy, Patricia Geraldine, B.A.	- - -	1956	Pawsey, David Christian, B.E. (B.E.E.	- - -	
†Pak Poy, Reginald Kenneth Felix,	- - -		Melbourne, 1947)	- - -	1954
M.B., B.S.	- - -	1955	Payne, George Basil, B.A.	- - -	1935
°Paley, Clifford Arnold, B.A.	- - -	1939	Payne, Louise Mary Gwythyr, B.A.	- - -	1914
Pain, Duncan Louis, B.E.	- - -	1952	Paynter, Norman Catchlove, B.A.	- - -	1937
Palmer, Ernest William, LL.B.	- - -	1939	Peake, Noel Horace, M.B., B.S.	- - -	1954
Palmer, Raymond Amos, B.E.	- - -	1953	Pearce, Alfred Moreton, B.A.	- - -	1951
Palmer, Robert Hale, B.E.	- - -	1953	Pearce, Charles Clifton, B.A.	- - -	1938
Paltridge, Angus Lindsay, B.Ec.	- - -	1951	Pearce, Desmond Beresford Newman,	- - -	
Paltridge, Richard Noel, B.Sc.	- - -	1947	B.Sc.	- - -	1951
Paltridge, Terence Brady, B.Sc.	- - -	1926	Pearce, Ronald Sandison, Ph.D.	- - -	1955
Panabokke, Christopher Rajendra,	- - -		Pearce, Trevor Sandison, B.Ag.Sc.	- - -	1953
Ph.D.	- - -	1957	Pearcy, Lyn Harley Draper, M.B., B.S.	- - -	1953
Pannell, Peter John, B.E. (Interim	- - -		Pearman, Reginald John, B.Sc.	- - -	1954
B.Sc. (Eng.) 1947 surrendered)	- - -	1950	Pearson, Halley James Crawford, B.A.	- - -	1944
†Parbo, Arvi Hillar, B.E.	- - -	1956	Pearson, Leslie Norman, B.A.	- - -	1941
Parham, Anthony Robert, M.B., B.S.	- - -	1954	Pech, Herman, B.A.	- - -	1947
Parham, Elizabeth Ann, B.A.	- - -	1950	Pech, Rufus, B.A.	- - -	1947
Park, Ruth Alison, B.A.	- - -	1939	Pedler, John Meavious, M.B., B.S.	- - -	1935
Parker, Cecil David, B.Sc.	- - -	1932	Pedlow, Clarice, B.Sc.	- - -	1942
Parker, George Lucas, B.E.	- - -	1948	Peirce, Alan Wilfred, D.Sc.	- - -	1947
Parker, Mina Evelyn, B.A.	- - -	1930	Peirce, Reginald Frank, B.A.	- - -	1938
Parker, Murray Harold, M.Sc.	- - -	1952	Pellew, Henry Edwin, M.B., B.S.	- - -	1924
†Parker, Ross Lloyd, B.E.	- - -	1957	Pellew, Janie Christobel, B.D.S.	- - -	1932
Parkhouse, Devon, M.B., B.S.	- - -	1907	Pellew, Lancelot Vivian, LL.B.	- - -	1922
Parkhouse, Thomas William, B.Sc.	- - -	1940	°Pellew, Leonard James, M.B., B.S.	- - -	1906
Parkin, Dorothy Joan, B.A.	- - -	1936	Pellew, Leonard James Ternouth, M.B.,	- - -	
Parkin, Leslie Wedgwood, M.Sc.	- - -	1949	B.S.	- - -	1932
Parkinson, Kevin John, B.Sc.	- - -	1949	Pellew, Richard Alfred Amyas, M.B.,	- - -	
†Parr, Stanley Robert, B.Ec.	- - -	1957	B.S.	- - -	1934
Parry, Doris, B.A.	- - -	1951	Pelton, Louis Alfred Hall, B.Sc. (Eng.)	- - -	1942
Parsons, Albert Christian, B.E.	- - -	1930	°Pengelley, Hugh Price, B.E.	- - -	1945
Parsons, Barbara, B.A.	- - -	1949	Pengelley, John Michael, B.Ec.	- - -	1952
Parsons, Geoffrey Bonynthon Angas,	- - -		Pengilly, Clifford Kipling, B.E.	- - -	1930
M.A. (Cambridge, 1932)	- - -	1935	Penglase, Dean Trestrail, B.E.	- - -	1951
Parsons, Harold Stephen, Mus.Bac.	- - -	1912	Penman, Thomas Oliver, B.E. (B.Sc.	- - -	
†Parsons, Peter Angas, B.Ag.Sc.	- - -	1955	(Eng.), London, 1948)	- - -	1956
Parsons, Philip Brendon Angas, LL.B.	- - -	1928	Penn, John Halbert, B.E.	- - -	1953
Parsons, Ralph Whaddon, B.E.	- - -	1948	Pennington, Beryl, B.A.	- - -	1942
Parsons, Rex Whaddon, M.E.	- - -	1926	Penna, Elwyn Dunstan, B.A.	- - -	1952
Parsons, Ronald Lewis, B.E.	- - -	1942	Penny, David Harry, B.Ec.	- - -	1952
Parsons, William Ross, B.A.	- - -	1948	Penny, Harold John, M.B., B.S.	- - -	1913
Parton, Arthur Leigh, M.B., B.S.	- - -	1944	Penny, Hubert Harry, M.A.	- - -	1932
Partridge, Wilfrid Gordon McDonald,	- - -		Pennycook, Stuart Wortley, D.Sc.	- - -	
M.A.	- - -	1947	(B.Sc., Queensland, 1919)	- - -	1923
Pascoe, Douglas Everett, B.Ec.	- - -	1948	Pentreath, Arthur Godolphin Guy	- - -	
†Pascoe, Pauline Ina, M.B., B.S.	- - -	1955	Carleton, M.A. (Cambridge, 1928)	- - -	1935
Pash, Hannah June, M.B., B.S.	- - -	1946	Perera, John Evelyn De Haan, B.A.	- - -	1945
Pash, Hannah Rita, B.A.	- - -	1930	†Perkins, Brian Randall, B.Sc.	- - -	1955
Pash, Jeffrie Herbert, B.A.	- - -	1938	Perkins, Horace James, Mus.Doc.	- - -	1943
Pash, Spencer, M.Sc.	- - -	1952	Perkins, Marie Pauline, B.A.	- - -	1949
†Patching, Desmond William John,	- - -		Perrett, Lance Victor, M.B., B.S.	- - -	1952
M.B., B.S.	- - -	1956	Perry, Audrey Vivienne, LL.B.	- - -	1949
Pater, Graham Stephen, B.D.S.	- - -	1951	Perry, Dulcie May, B.A.	- - -	1939
Paterson, Alexandra Jean, B.Sc.	- - -	1949	Perry, Rayden Alfred, M.Sc.	- - -	1956
Paterson, Alfred Harold, B.A.	- - -	1937	†Perry, Robert George, B.E.	- - -	1956
Paterson, Dennis Craig, M.B., B.S.	- - -	1954	†Peter, Beth Ellen, B.Sc.	- - -	1957
Paterson, John Levett, B.E.	- - -	1950	Peters, Brian Harry, M.B., B.S.	- - -	1948
Paterson, Keith McGregor, B.E.	- - -	1932	Peters, Geoffrey Ernest, B.A.	- - -	1925
Paterson, Mervyn Silas (Interim B.Sc.	- - -		M.B., B.S.	- - -	1927
(Eng.), 1943, surrendered), B.E.	- - -	1945	Peters, George Francis, B.Sc.	- - -	1948
Paterson, Ross, B.Sc.	- - -	1953	Peterson, Jean Clarice, B.A.	- - -	1940
Paton, Adolph Ernest, B.E. (B.Sc.,	- - -		Petrie, Charlotte Marion, M.A. (St.	- - -	
1902, surrendered for B.E., 1915)	- - -	1915	Andrews, 1923)	- - -	1939
Paton, Alfred Maurice, B.Sc.	- - -	1898	Petrie, Enid Beatrice, Mus.Bac.	- - -	1935
°Paton, Dora Isabel, B.Sc.	- - -	1902	Pettit, Garth Derwood, B.D.S.	- - -	1953
Paton, Margaret Anne, B.A.	- - -	1954	Pettit, Rowland, Ph.D.	- - -	1954
Paton, Robert, M.B., B.S.	- - -	1951	Pfeiffer, Edgar Reginald, B.Sc.	- - -	1953
Patrick, Elsie Furneaux, Mus.Bac.	- - -	1925	Pfeiffer, Gordon James, B.D.S.	- - -	1949
Patterson, Keith Raymond, LL.B.	- - -	1937			

° Deceased.

† Not yet

Members of the Senate.

Pfeiffer, Norman, B.A.	1938	Polkinghorne, Graham Keith, B.E.	1954
Pfützer, Eric Norman, M.A.	1933	Polkinghorne, Kate Elinor, B.A.	1931
Pfützer, Leo Wilkin, B.E.	1953	Polkinghorne, Keith, B.A.	1936
Pfützer, Murray Ackland, M.B., B.S.	1953	Polkinghorne, Noel Francis, B.A.	1934
Phillips, Herbert Tarlton, B.Sc.	1905	Pollnitz, Eunice Adah, B.A.	1938
Phillips, Keith Herbert, B.E.	1951	†Polomka, Simon Peter, B.Ag.Sc.	1955
Phillips, Albert Maurice, B.E.	1941	Polson, Reginald Alexander, B.E.	1929
Phillips, Alan Dunstan, M.B., B.S.	1947	Pomroy, Alan Browning, B.E.	1938
Phillips, Basil Wright, B.D.S.	1950	Pomroy, Richard Osborne, B.E.	1923
Phillips, Charles Leslie, B.D.S.	1926	Ponnia, Anthonipillai, B.E.	1954
Phillips, Colin William, M.B., B.S.	1951	Ponsford, Joan Helen, B.Sc.	1949
Phillips, Earnest, LL.B.	1908	*Poole, Dorothea Landon, M.A.	1906
Phillips, Gordon Gilbert, B.A.	1940	Poole, Frederic St. John, M.B., B.S.	1909
Phillips, James Henry, B.E.	1948	Poole, Gilbert Graham, B.Sc., B.E.	1921
Phillips, James Howard, B.Sc.	1902	Poole, Richard John, B.E.	1951
Phillips, Muriel Edith, B.A.	1935	†Pope, Geoffrey Weston, B.Sc.	1951
Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E.	1945	†Pope, John Travers, B.E.	1957
Phillips, Murray Thomas, B.E.	1947	Pope, Kenneth Geoffrey, M.Sc.	1949
Phillips, Pamela Rosemary, M.B., B.S.	1951	Pope, Kathlyn Hilary, B.A.	1952
Phillips, Ronald Mervyn, B.A.	1951	Pope, Peter Myles Burton, B.E.	1949
Phillips, William James Ellery, M.B., B.S.	1915	†Porra, Robert John, B.Sc.	1957
Phillipson, Coleman, LL.D. (Manchester, 1908)	1920	†Porter, Ailsa Rosemary, B.Sc.	1955
Pickering, Arthur Lawrence, LL.B.	1925	Porter, Harold George, B.A.	1941
Pickering, Ronald Franklin, B.Sc.	1946	Porter, Kingsley Clarence, M.B., B.S.	1942
Pierson, Robert Arthur, B.A.	1954	Porter, Reginald Bernard, B.Sc.	1953
Pietsch, Clemens Henry, M.B., B.S.	1945	Porter, Robert, B.Med.Sc.	1954
Pike, Colin Edwin, LL.B.	1954	Porter, Ronald Frank, B.D.S.	1940
Pike, Douglas Henry, D.Litt. (M.A., 1951)	1957	Porter, Thelma May Edith, B.A.	1941
Pike, Geoffrey Howard, M.B., B.S.	1953	*Portus, Garnet Vere, M.A. (Oxford, 1917)	1935
Pile, Kenneth Charles, B.E.	1949	†Posen, Solomon, M.B., B.S.	1955
Pilgrim, Alan Flinders, B.Sc.	1936	Posingham, John Victor, M.Sc.	1955
*Pilgrim (nee Lipsham), Kate Caroline, B.A.	1905	Posingham, Maxwell Leonard, B.Sc.	1954
Pillay, Elagu Sithampara, M.B., B.S.	1954	B.E.	1956
†Pilton, Phyllis Evelyn, B.Sc.	1955	Postle, Douglas Gordon, M.B., B.S.	1941
Piper, Clarence Sherwood, D.Sc.	1942	Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922
Piper, Cyril Thomas, M.B., B.S.	1924	Potter (nee Bates), Betty, B.Sc.	1939
Piper, Flora Elizabeth, B.A.	1924	B.A.	1942
Piper, Francis Ernest, LL.B.	1921	Potter, Brian John, M.Sc.	1950
*Piper, Harold Bayard, LL.B.	1914	Potter, Frank Jaques, LL.B.	1947
Piper, Herbert Walter, B.A.	1938	B.A.	1957
†Pirott, Thomas, M.B., B.S.	1955	Potter, John Colin, B.Ag.Sc.	1948
Pitcher, Cyril Frederick, M.B., B.S.	1911	†Potter, John Stanley, B.Ag.Sc.	1957
Pitcher, Maurice Knight, B.Sc.	1925	†Potter, Maurice Martyn, B.Sc.	1957
Pitcher, Russell Barton, M.B., B.S.	1948	Potter, Roy Adolph, M.A.	1923
Pitcher, William Bonnython, B.Sc.	1945	Potter, Vernon Wheatley, M.B., B.S.	1941
Pitman, Beresford Ernest, B.Sc.	1945	Potts, Barbara Phyllis, Ph.D.	1956
B.A.	1955	Potts, Ethelwyn, B.A.	1909
Pitt, Arthur William, M.A.	1915	Potts, Frank Roland, B.Sc.	1922
Pitt, George Henry, B.A.	1920	Potts, Gilbert Macdonald, M.A.	1915
Pitt, Marjorie Una, B.Sc.	1925	Potts, John Louis, M.B., B.S.	1951
Place, Ullin Thomas, M.A. (Oxford, 1949)	1953	†Potts, Leo, M.B., B.S.	1955
Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937	Potts, Renfrey Burnard, B.Sc.	1945
Platt, John Talbot, B.A.	1951	*Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913)	1913
Plattens, Newell James, B.E.	1951	Powell, Harold, M.B., B.S.	1913
Playford, Malcolm Noel, LL.B.	1937	Powell, Kathleen Naomi, B.A.	1925
†Playford, Margaret Claire, M.B., B.S.	1955	*Powell, Miriam Athalie, B.A.	1927
Pleuckhahn, Vernon Douglas, M.B., B.S.	1949	Power, Frances Maureen, B.A.	1951
Plimmer, Geith Alfred, B.A.	1930	Power, Francis Bryan, B.Ec.	1951
Plummer, Alexander Philip, B.D.S.	1941	Power, John Leslie, LL.B.	1922
Plummer, Reg Garnet, M.B., B.S.	1906	Powrie, James Kelvin, M.Sc.	1951
Plummer, Rex Grose, M.B., B.S.	1937	†Powrie, Robert Malcolm, M.B., B.S.	1956
Plummer, Violet May, B.Sc.	1891	Poynton, John Orde, M.D. (Cambridge, 1941)	1948
M.B. (Melbourne, 1897)	1897	Pratten, Raymond Douglas, B.Sc.	1952
Plummer, Violet Myrtle, M.B., B.S.	1932	Preece, Julia Anne, B.A.	1949
Plunkett, Norman Ambrose, B.E.	1926	Preece, Kathleen Mary, B.A.	1952
Plush, Donald Seward, B.Ag.Sc.	1948	Preedy, Winifred Edna, B.D.S.	1927
Pobjoy, Alice Blake, B.A.	1918	†Prenzler, Theodor Carl, B.A.	1955
†Pocius, Martynas, B.E.	1955	Prescott, Rupert Warre, B.A.	1930
†Pocock, Edward Robert, B.A.	1956	Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919)	1924
Pohlman, William Frederick Claude, B.Sc.	1926	D.Sc.	1932
Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney)	1952	Prescott, John Russell, B.Sc.	1944
†Pole, Audrey Elizabeth, B.A.	1956	Prest, David Harris, B.Sc.	1953
Poiglase, Norman, B.Sc.	1947	Prest, Elizabeth Maurine, M.B., B.S.	1951
		Prest, Henry Gordon, M.B., B.S.	1925
		†Prest, Jennifer Anne, B.A.	1957
		†Prest, Robert Henry, B.A.	1957
		†Preston, John Arthur Rowland, M.B., B.S.	1955

* Deceased.

† Not yet Members of the Senate.

Preston, Tom, B.E. - - - - -	1924	Rait, William Lockhart, M.Sc. (B.Sc., Tasmania) - - - - -	1935
Price, Archibald Grenfell, M.A. (Oxford, 1919) - - - - -	1920	†Rajan, Lalethambel, M.B., B.S. - - - - -	1957
Price, D.Litt. - - - - -	1932	Ramsay, Alexander Maurice, B.Ec. - - - - -	1941
Price, Arthur Jennings, LL.B. - - - - -	1890	Ramsey, Alfred Maxwell, B.Ec. - - - - -	1951
Price, Charles Archibald, B.A. - - - - -	1944	Rance, George Howe, B.Sc. - - - - -	1935
Price, Charles William Russell, M.B., B.S. - - - - -	1932	Randell, Allan Elliott, M.B., Ch.B. (Melbourne, 1897) - - - - -	1897
Price, Ione Dorothy, B.A. - - - - -	1948	Randell, William Richard, M.B., B.S. - - - - -	1947
Price, James Robert, D.Sc. - - - - -	1954	Randle, Alexander Miller, B.Sc. - - - - -	1951
Price, Joan Isabel, B.A. - - - - -	1938	Rankin, Mervyn Alexander, M.Sc. - - - - -	1931
Price, Kenneth Bonamy, B.A. (Oxford, 1949) - - - - -	1951	Rankine, Alexander Mackenzie, M.B., B.S. - - - - -	1952
†Price, Trafford Conor, B.Sc. - - - - -	1957	Rankine, Bryce Crossley, M.Sc. - - - - -	1953
Price, Winifred Vera, B.A. - - - - -	1949	Rao, Velamury Raghavendra, Ph.D. - - - - -	1950
Pridier, Valentine Aubrey Hamilton, B.A. - - - - -	1951	Rasch, John, B.E. - - - - -	1952
Pridham, Geoffrey Jasper, LL.B. - - - - -	1953	†Rasch, Marjorie, B.Sc. - - - - -	1956
Pridham, B.A. - - - - -	1955	†Rasheed, Kenneth Michael, B.E. - - - - -	1955
Pridham, Lancelot Robert, B.Sc. - - - - -	1947	Rattigan, John Herbert, M.Sc. - - - - -	1955
Pridmore, Roy Vernon, B.Sc. - - - - -	1925	Raupach, Maxwell, M.Sc. - - - - -	1954
M.B., B.S. - - - - -	1929	Ray, Angus Charles, LL.B. - - - - -	1943
Priest, Amy Grace, M.A. - - - - -	1923	Ray, John, M.B., B.S. - - - - -	1936
Priest, Reginald Arthur, B.Sc. - - - - -	1951	Ray, Marjorie, B.A. - - - - -	1945
Prime, Andree Joyce, B.A. - - - - -	1945	*Ray, William, M.B., B.S. - - - - -	1906
Prime, Henry Ashworth, M.Sc. (Manchester, 1946) - - - - -	1954	B.Sc. (Oxford, 1909) - - - - -	1914
Prince, Erica Lloyd, B.A. - - - - -	1913	Ray, William Robert, B.A. - - - - -	1933
Pritchard, John Joseph, B.Sc. - - - - -	1934	Ray, Walter Vernon, LL.B. - - - - -	1907
Pritchard, John Nelson, B.A. - - - - -	1954	*Rayment, James Tarlton, M.B., B.S. - - - - -	1952
Pritchard, Robert Keith, B.Ag.Sc. - - - - -	1953	Rayner, George Percival, B.A. - - - - -	1920
Pritchard, Vita, B.A. - - - - -	1941	Rayner, William Henry, B.A. - - - - -	1907
Proctor, Ivy Millicent, B.A. - - - - -	1935	Rayson, Patricia, B.Sc. - - - - -	1950
Proctor, Rose Emily, B.A. - - - - -	1934	Read, John Herbert, B.A. - - - - -	1949
Prosser, Victor Albert, B.Ec. - - - - -	1951	Read, Norman George, M.Sc. - - - - -	1945
Proud, Millicent Farrer, M.A. - - - - -	1915	Read, Philip Andreas, B.A. - - - - -	1930
Proudman, Dorothy Mena, B.A. - - - - -	1951	Reade, Peter Clarence, B.D.S. - - - - -	1952
Proudman, William David, M.B., B.S. - - - - -	1952	Reardon, Mary Dulcie, B.A. - - - - -	1952
Probert, James Keith Stewart, B.Sc. - - - - -	1951	Redden, Martin Philip, B.A. - - - - -	1933
Prouse, Kenneth George, B.A. - - - - -	1948	†Redin, Lewis Charles, B.A. - - - - -	1956
Provis, Douglas Franklin, B.Sc. - - - - -	1950	Redman, James Johnston, LL.B. - - - - -	1935
†Pryce, Michael Arthur Gillies, B.E. - - - - -	1957	Redmond, John Bice, B.E. - - - - -	1946
†Pryke, Jenneth Meriel, B.Sc. - - - - -	1957	†Redstone, Frank, B.A. - - - - -	1957
Pryor, Colin Hutson, M.B., B.S. - - - - -	1952	†Redway, John Alfred George, B.E. - - - - -	1955
Pryor, Cecilia Marie, Mus.Bac. - - - - -	1932	Reed, Barbara, B.A. - - - - -	1954
Pryor, Eric John, B.A. - - - - -	1931	Reed, Eileen Ruth Lathleen, B.Sc. - - - - -	1919
Pryor, Lindsay Dixon, M.Sc. - - - - -	1939	Reed, Sir Geoffrey Sandford, LL.B. - - - - -	1913
Pryor, William Arthur, M.B., B.S. - - - - -	1919	†Reed, Margaret Doris, B.Sc. - - - - -	1955
Pryor, William John, M.B., B.S. - - - - -	1952	Reed, Mary Ethel Hayter, M.B., B.S. - - - - -	1924
Puddy, Albert Forwood, LL.B. - - - - -	1935	Reed, Robert David Geoffrey, B.E. - - - - -	1950
Puddy, Maude Mary, Mus.Bac. - - - - -	1905	Reed, Thomas Thornton, D.Litt. - - - - -	1954
Pudney, Colin William, B.E. - - - - -	1953	Rees, Harold Mitchell, M.B., B.S. - - - - -	1924
†Pudney, Owen John, B.Sc. - - - - -	1955	Rees, John David, B.Sc. - - - - -	1953
Pugsley, Albert Tonkin, D.Sc. - - - - -	1954	Reeves, Edith Louie, B.A. - - - - -	1945
†Puksand, Harry, B.E. - - - - -	1956	Reeves, Rupert Kirk, M.B., B.S. - - - - -	1926
Purdam, Irving, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -	1950	†Rehn, Denzil Farnham, B.A. - - - - -	1955
Purdham, Robert Keith, B.E. - - - - -	1951	Reichstein, Lance Eric Harold, B.E. - - - - -	1922
Purslow, Martin, B.A. - - - - -	1953	Reid, Arthur Douglas, M.B., B.S. - - - - -	1924
Purton, David Gabriel, M.A. - - - - -	1918	Reid, David Argyll Campbell, B.E. - - - - -	1949
Pyne, Maurice Ignatius, M.A. - - - - -	1930	†Reid, Donald Peter, M.B., B.S. - - - - -	1956
Pyne, Remington John, M.B., B.S. - - - - -	1953	Reid, Elizabeth Ellen, B.A. - - - - -	1933
Pynor, Donald Edward, B.D.S. - - - - -	1950	Reid, Gordon Stephen, B.A. - - - - -	1954
		Reid, John Douglas, M.B., B.S. - - - - -	1954
		Reid, John Graham, M.B., B.S. - - - - -	1954
		Reid, Max Bertram, M.B., B.S. - - - - -	1937
		†Reid, Neville Collison, B.Ec. - - - - -	1956
		Reid, Robert Leighton, M.A. - - - - -	1954
		Reid, Ross 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
		Reilly, Philip Herbert, B.D.S. - - - - -	1940
		Reilly, Robert Neil, M.B., B.S. - - - - -	1933
		Reimann, Arnold Luehrs, D.Sc. - - - - -	1935
		Reimann, Valesca Leonore Olive, M.A. - - - - -	1914
		Reiners, John Alexander, B.D.S. - - - - -	1950
		†Reisonas, Irvis John, B.E. - - - - -	1957
		Reissmann, Charles Henry, M.D. (Cambridge, 1902) - - - - -	1902
		Remilton, John Robert, M.B., B.S. - - - - -	1953
		Rendell, Alan, B.A. - - - - -	1930
		Rendell, Margaret Patricia, M.A. - - - - -	1952
		Renfrey, Lionel Edward William, B.A. - - - - -	1938
		†Reni, Bruno, M.B., B.S. - - - - -	1956
		Renner, Johannes Theodore Erich, B.A. - - - - -	1950

* Deceased.

† Not yet Members of the Senate.

†Renney, John Thomas Goodchild, M.B., B.S. - - - - 1955	Roach, John Carlyle, B.E. - - - - 1921
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - - 1919	Roark, Bruce Archibald, Ph.D. - - - - 1956
†Retallack, Alan John, B.E. - - - - 1955	Robbins, Thomas Fellows, B.E. - - - - 1940
Retallack, Bruce James, B.A. - - - - 1935	Robert, Douglas Bower, B.Sc. - - - - 1942
B.Sc. - - - - 1939	Roberts, Arthur Bruce, LL.B. - - - - 1922
†Reuter, Colin Albert, B.D.S. - - - - 1955	Roberts, David Pearson, B.Sc. (Eng.) - - - - 1947
Reynolds, Beatrice Mary Heywood, B.A. - - - - 1924	Roberts, Ivor Charles, M.B., B.S. - - - - 1952
Reynolds, Graeme Campbell, B.E. - - - - 1954	Roberts, Jillien Mary, LL.B. - - - - 1949
Reynolds, Howard, B.Sc. - - - - 1950	†Roberts, John Barry, B.Sc. - - - - 1957
Reynolds, James Alan, B.E. - - - - 1953	Roberts, John Desmond, B.A. - - - - 1953
Reynolds, John Heywood, B.A. - - - - 1928	Roberts, Joseph Armistice, M.B., B.S. - - - - 1950
Reynolds, Lilo, B.A. - - - - 1948	Roberts, Nancy Mowbray, B.A. - - - - 1947
Reynolds, Maxwell Andrew, B.Sc. - - - - 1951	Roberts, Richard Leslie, B.E. - - - - 1953
Reynolds, Maxwell Stanley, B.A. - - - - 1948	Roberts, Robin Lea, B.A. - - - - 1939
Rhodes, Gwendolme Maude, LL.B. - - - - 1939	B.Ec. - - - - 1956
†Rhymer, Lorna May, B.A. - - - - 1957	†Roberts, Roy, B.A. - - - - 1956
Rice, Brian George, B.Sc. - - - - 1954	Robertson, Alfred Bentley, B.E. - - - - 1942
Rice, John David, M.B., B.S. - - - - 1930	Robertson, Allison Alexander, B.E. - - - - 1952
Rice, Lawrence John, M.B., B.S. - - - - 1948	†Robertson, Anthony Oliver, M.B., B.S. 1956
*Rice, Patrick William, M.B., B.S. - - - - 1915	Robertson, Betty Ann Fotheringham, B.A. - - - - 1948
Rice, Phillip John, LL.B. - - - - 1951	†Robertson, Christopher Lumley, M.B., B.S. - - - - 1957
Rice, Therese Marie, M.A. - - - - 1947	Robertson, Clara Enid, B.A. - - - - 1929
Rice, Vincent de Paul Lawrence, M.B., B.S. - - - - 1933	Robertson, Colin Frank, M.B., B.S. - - - - 1954
Rice, William Mitton, B.E. - - - - 1953	Robertson, David Stirling, Ph.D. - - - - 1954
Riceman, David Stirling, M.Sc. (B.Ag.Sc., 1934) - - - - 1947	Robertson, Donald Alexander, LL.B. - - - - 1934
Richards, Archibald Charles, M.A. - - - - 1927	Robertson, Gwendolme Katherine, B.Sc. - - - - 1948
†Richards, Brian Gordon, B.E. - - - - 1956	Robertson, Hall, B.E. - - - - 1948
Richards, Cecil Albert, M.A. - - - - 1929	Robertson, Ian Robert, B.E. - - - - 1948
B.Sc. - - - - 1931	Robertson, Iris Esther, M.A. - - - - 1925
Richards, Clarence, B.Sc. - - - - 1915	Robertson, James Struan, Ph.D. (D.Phil., Oxford) - - - - 1950
M.B., B.S. - - - - 1919	Robertson, Kenneth Alexander, B.A. - - - - 1954
Richards, Dudley Lewis, LL.B. - - - - 1931	Robertson, Kenneth James, M.D.S. - - - - 1953
Richards, Eric Dean, M.B., B.S. - - - - 1951	Robertson, Leon Medley, B.E. - - - - 1951
Richards, Eva Gertrude, B.A. - - - - 1914	†Robertson, Margaret Jean, B.A. - - - - 1956
†Richards, Fred Kither, B.Ec. - - - - 1956	Robertson, Nancy Douglas, B.Sc. - - - - 1945
Richards, Sir Frederick William, LL.D. (London, 1896) - - - - 1897	Robertson, Ronald Peter, M.B., B.S. - - - - 1945
Richards, Gordon Alfred, B.A. - - - - 1937	Robertson, Sydney Clifford, B.Sc. - - - - 1922
Richards, James Ross, M.B., B.S. - - - - 1954	M.E. - - - - 1935
Richards, Kenneth Ross, B.Sc. - - - - 1948	Robertson, Thorburn Stirling Brailsford, B.Sc. - - - - 1948
Richards, Maxwell John, M.B., B.S. - - - - 1954	M.B., B.S. - - - - 1953
Richards, Ronald Roy, B.Ag.Sc. - - - - 1951	Robertson, William Godfrey Pitcher, Ph.D. - - - - 1953
Richards, Norman Alfred, M.D. (M.B., B.S., 1942) - - - - 1951	Robin, Angus Geoffrey, B.Sc. - - - - 1952
Richards, William Edward, B.A. - - - - 1932	Robin, Charles Ernest, B.A. - - - - 1886
Richardson, John Milton, B.Ag.Sc. - - - - 1952	*Robin, Rowland Cuthbert, M.E. - - - - 1932
Richardson, John Patrick, M.B., B.S. - - - - 1952	Robinson, Arthur James, B.E. (Melbourne, 1929) - - - - 1937
Richardson, Middleton Bart, B.Sc. - - - - 1941	Robinson, Donald Neil, M.B., B.S. - - - - 1948
Richardson, Patricia Sonbia, M.B., B.S. - - - - 1937	Robinson, Edgar, LL.B. - - - - 1912
Richardson, Robert William, B.E. - - - - 1953	Robinson, Edwin George, M.Sc. - - - - 1947
Richardson, Ruth Mary Desmond, B.A. - - - - 1954	†Robinson, John Walton, B.E. - - - - 1957
Richardson, Walter Murray, B.Sc. - - - - 1951	Robinson, Marie Patricia, B.A. - - - - 1941
Riddell, Frank Scoular, M.B., B.S. - - - - 1953	Robinson, Mary Kelly, M.Sc. - - - - 1951
†Rieckmann, Karl-Heinz Walter, M.B., B.S. - - - - 1957	Robinson, Michael Alexander, M.B., B.S. - - - - 1954
Riedel, Felix Daniel, B.A. - - - - 1950	*Robinson, Sir Roy Lister, B.Sc. - - - - 1903
Riedel, Melita Wanda, Mus.Bac. - - - - 1920	Robjohns, Henry Collin, M.B., B.S. - - - - 1932
Riedel, William Rex, M.Sc. - - - - 1952	*Robjohns, Leonard, B.A. (Sydney, 1894) - - - - 1920
Rieger, Clarence Oscar Ferrero, M.B., B.S. - - - - 1919	†Robless, Cosmas Linus, B.Ec. - - - - 1956
†Rieger, Richard Anthony, M.B., B.S. - - - - 1956	Rochlin, Aaron, LL.B. - - - - 1921
Riggs, Noel Victor, B.Sc. - - - - 1942	Rochlin, Elijah, LL.B. - - - - 1928
Riley, John, M.B., B.S. - - - - 1953	Rodbourn, Arthur, B.Ec. - - - - 1951
Riley, Mabel, B.A. - - - - 1908	Rodda, Harold James, M.Sc. - - - - 1945
Rimes, Garnet Dean, B.Sc. - - - - 1950	Roder, John Herbert, M.A., LL.B. - - - - 1951
Rinfret, The Right Honourable Thibaudau, P.C., LL.D., (McGill) - - - - 1951	Rodger, Geoffrey James, B.Sc. - - - - 1915
†Rippert, Reinhart, M.B., B.S. - - - - 1957	Rodger, John Geoffrey, B.E. - - - - 1953
Rischbieth, Henry George, M.B., B.S. 1942	Rodgers, Frances Ada, B.A. - - - - 1928
Ruschbieth, John Ross, B.Sc. - - - - 1937	Roe, Geoffrey Palmer, B.Ag.Sc. - - - - 1951
Ruschbieth, Oswald Henry Theodore, B.A. - - - - 1909	Rochrs, Herma Erika, B.A. - - - - 1945
Ruschbieth, Richard Harold Charles, M.B., B.S. - - - - 1951	Rofe, Bryan, B.Sc. - - - - 1939
†Risely, Barrie Grenville, B.Sc. - - - - 1956	†Rofe, Rodney Broughton, B.Ec. - - - - 1956
†Ritenis, Indulis, M.B., B.S. - - - - 1955	Rogasch, Peter Edwin, M.Sc. - - - - 1957
Rix, Areta, B.A. - - - - 1938	†Rogers, Anthony Howard, B.Sc. - - - - 1957
Roach, Desmond Michael, B.E. - - - - 1952	Rogers, Charles Malcolm, B.E. - - - - 1939
	Rogers, Ian Frederick, B.D.S. - - - - 1951
	Rogers, Irene Blanche, M.A. - - - - 1932
	Rogers, John Andrew, M.B., B.S. - - - - 1952

*Deceased.

†Not yet Members of the Senate.

Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923) - - - - -	1925		
†Rogers, Ruth Nellie, B.A. - - - - -	1955		
Rogers, Theodore Stansfield, B.E. - - - - -	1928		
Rogers, William Percy, Ph.D. (London)	1952		
Rolland, James Alexander, M.B., B.S.	1917		
Rolland, James Alexander Bryan, M.B., B.S. - - - - -	1943		
Rolland, William Maitland, B.A. - - - - -	1936		
Rollison, John William, M.B., B.S. - - - - -	1925		
Ronai, Tibor, M.B., B.S. - - - - -	1948		
Ronald, Ian Douglas, B.D.S. - - - - -	1950		
Rook, Kevin Maxwell, B.Sc. - - - - -	1947		
Rooney, Clifford, B.Sc. - - - - -	1929		
Rooney, Gwennyth Minnie, B.A. - - - - -	1934		
Rooney, Lois Josephine, B.A. - - - - -	1945		
Rooney, Marjorie Winnifred, B.A. - - - - -	1949		
†Roper, Robert George, B.Sc. - - - - -	1957		
Rose, Gordon Albert, B.E. - - - - -	1951		
Rosenberg, Mendel Wolf, M.B., B.S. - - - - -	1942		
Rosenhain, Geoffrey, M.A. - - - - -	1950		
†Rosenstein, Nicholas Felix, M.B., B.S. - - - - -	1956		
Rosman, Frank Edgar, B.Sc. - - - - -	1908		
Ross, Alexander David, D.Sc. (Glasgow) - - - - -	1926		
Ross, Dudley Bruce, LL.B. - - - - -	1914		
Ross, Sir Ian Clunies, D.Sc. (New England) - - - - -	1957		
Ross, Nadeen Adoree, B.A. - - - - -	1951		
Ross, Sydney George Frederick, B.E. - - - - -	1949		
Ross, William Alexander, LL.B. - - - - -	1947		
Rossiter, James Leonard, M.A. - - - - -	1912		
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947		
Rowe, Albert Percival, B.Sc. (London, 1922) - - - - -	1948		
Rowe, Allan Gordon, M.B., B.S. - - - - -	1942		
Rowe, Colin Davies, LL.B. - - - - -	1934		
Rowe, Ernest Thomas, B.Sc. - - - - -	1920		
Rowe, Fletcher David, M.B., B.S. - - - - -	1945		
†Rowe, George Eddy, B.Ec. - - - - -	1956		
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered) - - - - -	1949		
Rowe, Ronald, M.B., B.S. - - - - -	1954		
Rowe, Stanley Edgar, B.Sc. - - - - -	1950		
Rowe, William Vivian, M.B., B.S. - - - - -	1948		
Rowell, Keith Addison, B.E. - - - - -	1933		
Rowland, John Howard, LL.B. - - - - -	1937		
Rowlands, Edward John, B.Sc. - - - - -	1948		
Rowley, Rex Cameron, B.Sc. - - - - -	1951		
†Roy, Bimal Chandra, B.D.S. - - - - -	1956		
†Ruddall, Reginald John, LL.B. - - - - -	1906		
Rudd, Eric Aroha, B.Sc. - - - - -	1930		
Rudd, Kenneth Clive, B.A. - - - - -	1947		
Ruediger, Malcolm Milton, B.A. - - - - -	1954		
Rule, Vernon Arthur, B.A. - - - - -	1936		
Russell, Albert William, M.B., B.S. - - - - -	1949		
Russell, Alfred Burgess, M.B., B.S. - - - - -	1919		
Russell, Eric Alfred, B.Ec. (B.Com. Melbourne, 1943) - - - - -	1954		
Russell, Ernest Alfred David, M.B., B.S. - - - - -	1949		
Russell, Ernest Albert Harold, M.B., B.S. - - - - -	1911		
Russell, Frank Henderson, B.E. - - - - -	1950		
*Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) - - - - -	1899		
M.D. - - - - -	1905		
Russell, Janet Barbara, M.B., B.S. - - - - -	1947		
Russell, John Samuel, B.Ag.Sc. - - - - -	1948		
Russell, Robert Alfred, M.B., B.S. - - - - -	1943		
Russell, Ronald Edyvane, M.B., B.S. - - - - -	1946		
†Russell, Ronald Thomas, B.Sc. - - - - -	1957		
Russell, Walter Alfred, M.B., B.S. - - - - -	1935		
Ryan, Edward Clifford Lee, M.B., B.S. - - - - -	1935		
Ryan (nee Pank), Gladwyn Ruth, B.A. - - - - -	1933		
Ryan, John William, B.Ag.Sc. - - - - -	1950		
Ryan, Michael Rupert, B.A. - - - - -	1939		
Ryan, Naomi Rosslyn, M.B., B.S. - - - - -	1940		
†Ryan, Sydney Lawrence, B.A. - - - - -	1956		
Ryan, Victor Lloyd Percival, LL.B. - - - - -	1938		
Rymill, Frances Carstairs, B.A. - - - - -	1936		
		S	
†Sabaratnam, Jegathesan, M.B., B.S. - - - - -	1957		
°Sabine, Ernest Maurice, LL.B. - - - - -	1891		
Sabolich, Thomas Matthew, B.E. - - - - -	1952		
†Sacharias-Saarlem, Nina, M.B., B.S. - - - - -	1957		
Saddler, Bruce Alder, B.E. - - - - -	1931		
Sage, Harold Robert, B.A. - - - - -	1953		
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948) - - - - -	1951		
Sainsbury, Robert William James, B.E. - - - - -	1951		
Saksena, Hari Krishna, Ph.D. - - - - -	1953		
Salter, Douglas Munro, M.B., B.S. - - - - -	1926		
Salter, William Fulton, M.B., B.S. - - - - -	1936		
Samaha, Tonie Samuel, M.B., B.S. - - - - -	1954		
†Samcewicz, Zdzislaw Ryszard, B.E. - - - - -	1955		
Samelowitz, Neil, M.B., B.S. - - - - -	1950		
Sampson, Dulcie Joyce, Mus.Bac. - - - - -	1938		
Sampson, John Coffey, B.D.S. - - - - -	1951		
Samuel, Geoffrey, M.Sc. - - - - -	1926		
Samuel, Helen Josephine, B.A. - - - - -	1939		
Sandeman, Ronald John, B.Sc. - - - - -	1951		
Sanderclock, Alfred Mervyn, B.A. - - - - -	1936		
Sanderclock, Rex Glynde, B.Sc. (Eng.) - - - - -	1943		
Sanders, Grace Annie, B.A. - - - - -	1920		
Sanders, Harold William, B.A. - - - - -	1912		
Sanders, Irma Mary, B.A. - - - - -	1943		
Sanders, John Veysey, B.Sc. - - - - -	1944		
Sanders, Mostyn Clifford, B.Sc. - - - - -	1944		
Sanders, Robert William, B.E. - - - - -	1948		
Sanderson, John Gavin, B.Sc. - - - - -	1950		
Sanderson, Kenneth Villiers, M.B., B.S. - - - - -	1943		
Sanderson, Peter Robin, B.E. - - - - -	1952		
Sandery, Charles Arthur, LL.B. - - - - -	1921		
Sandford, Alastair Wallace, M.A. (Oxford, 1937) - - - - -	1948		
Sandford, Robert Max, B.Sc. - - - - -	1943		
Sandison, Alexander, M.B. (Edinburgh, 1906) - - - - -	1906		
†Sandison, Alexander Geoffrey, M.B., B.S. - - - - -	1956		
Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - - - -	1945		
†Sando, Clarice Melva, B.A. - - - - -	1955		
†Sando, Margaret, B.Sc. - - - - -	1955		
Sando, Maurice James Wilson, M.B., B.S. - - - - -	1953		
Sandover, William Ewan, M.B., B.S. - - - - -	1951		
Sandow, Richard Henry, B.D.S. - - - - -	1951		
Sands, Desmond Montague Willington, B.D.S. - - - - -	1934		
Sangster, Alexander Keith, LL.B. - - - - -	1934		
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - - - -	1941		
Sangster, David Flower, B.Sc. - - - - -	1945		
Sangster, John William, M.B., B.S. - - - - -	1939		
Sansom, Joyce Mary, Mus.Bac. - - - - -	1947		
Sargent, Rex James, M.B., B.S. - - - - -	1929		
†Sargeson, Alan McLeod, B.Sc. (Sydney, 1952) - - - - -	1957		
Sarre, Malcolm Glen, M.B., B.S. - - - - -	1945		
Sarre, Vera Georgina, B.A. - - - - -	1917		
Sarre, Winifred Grace, B.A. - - - - -	1953		
†Sasse, Hans Christopher, B.A. - - - - -	1957		
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953) - - - - -	1957		
Sauer, Henri Hugo Albert, M.B., B.S. - - - - -	1952		
Saulite, Elfrida, B.D.S. - - - - -	1952		
Saunders, John Milton, M.B., B.S. - - - - -	1952		
Saunders, Pepita Cerda, LL.B. - - - - -	1925		
Savage, Arthur Charles, M.B., B.S. - - - - -	1928		
Savage, Charles Arthur, B.A. - - - - -	1954		
Savage, Joseph Patrick, M.B., B.S. - - - - -	1954		
Sawers, Donald Alexander, B.Sc. (Eng.) - - - - -	1942		
Sawers, Ronald John, M.B., B.S. - - - - -	1942		
Sawley, Darrell Frederick, B.Sc. - - - - -	1929		
Scales, William Arthur, LL.B. - - - - -	1930		
Scarborough, Eric Charlton, B.E. - - - - -	1951		
†Scarfe, John Desmond, B.E. - - - - -	1957		
Scarfe, Elwyn Bewell, LL.B. - - - - -	1940		
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1948		
Scarlett, Robert Dalley, Mus.Doc. - - - - -	1934		

° Deceased.

† Not yet Members of the Senate.

Schache, Alma Olga Antonia, B.A. - -	1909	Seppelt, Ian Howe, B.Sc. - - - -	1932
†Schaefer, Ronald, M.B., B.S. - - -	1956	Seppelt, Yvonne Granville, M.B., B.S.	1946
Schafer, Carl Hannaford, M.B., B.S. -	1919	Sergeant, Maxwell Stuart, LL.B. - -	1934
†Schafer, Helene Judith, B.Sc. - - -	1957	Sewell, Charles Edward, LL.B. - - -	1886
Schafer, Max Ernest Hannaford, B.D.S.	1923	Sexton, Edgar Raymond, B.A. - - -	1931
Schirmer, Gerhart Percy, B.Ec. - - -	1951	†Shakes, David James, M.B., B.S. - -	1955
Schmidt, Lewis Walter, B.Sc. - - -	1940	†Shanahan, Margaret Carmel, B.A. - -	1956
Schneider, Michael, M.B., B.S. - - -	1925	†Shanahan, Michael Francis, M.B., B.S.	1956
†Schneider, Michael Philip, B.A. - - -	1955	Shanahan, Patrick William, M.B., B.S.	1928
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932) - - - -	1946	Shannon, James Stanley, B.Sc. - - -	1949
Schneider, Walter Herman, M.E. - - -	1945	Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - -	1949
Schneider, Wilfred, B.E. - - - -	1922	Shannon, Richard John, B.E. - - - -	1949
Schneider, Wilfred Carl, M.A. - - - -	1932	Shapley, William George, B.E. - - -	1952
Scholar, Ernest, B.A. - - - -	1941	Sharley, Aubrey Neville, B.E. - - -	1954
Scholz, William Herbert, M.B., B.S. -	1954	Sharley, Elma May, B.A. - - - -	1937
†Schroder, Ernest William, B.E. - - -	1955	Sharma, Romesh, M.B., B.S. - - - -	1954
Schroder, Judith, B.Sc. - - - -	1950	Sharman, Arthur Edward, B.E. - - -	1926
†Schubert, Cedric Felix, B.Sc. - - -	1957	Sharman, Ethel Olive, B.A. - - - -	1915
Schubert, Frank Helmut, B.A. - - - -	1934	Sharp, Bruce Burnell, M.E. - - - -	1955
Schudmak, Henry, M.B., B.S. - - - -	1949	Sharp, Warren Player, B.Ec. - - - -	1954
Schuetz, Harold Edwin, B.A. - - - -	1953	Sharpe, Edmund John, B.E. - - - -	1932
*Schulz, Adolf John, B.A. - - - -	1905	*Sharpe, William George, B.Sc. - - -	1936
M.A. (Ph.D., Zurich, 1908) - - - -	1909	Shaw, Alice Mary Stockdale, B.A. - -	1929
Schulz, Ernst Adolph, B.E. - - - -	1931	Shaw, James Barry, B.Sc. - - - -	1904
Schultz, Gordon Ray, B.A. - - - -	1950	Shaw, Joan Hambly, B.A. - - - -	1947
Schultz, Roydon Donald, B.Sc. - - -	1954	Shaw, John Robert Stockdale, M.A. -	1933
Schulze, Robert George, M.B., B.S. -	1947	Shaw, Lindsay Norman, B.Ec. (Sydney, 1950) - - - -	1955
Schumacher, Colin Stephen, B.E. - - -	1954	Shaw, Peter John Randall, B.Sc. - -	1949
Schutz, Raymond Alfred, B.E. - - -	1949	Shea, Brian Joseph, M.B., B.S. - - -	1951
Schwab, Gordon Ernest, B.Sc. - - - -	1950	†Sheard, Joan Philippa, B.A. - - - -	1955
†Schwartz, Colin John, M.B., B.S. - -	1955	Shearer, Clifford, George Tregga, B.A.	1931
Schwarz, Eugene Robertson, B.Sc. -	1939	B.Ec. - - - -	1937
†Schwarz, Philip John David, M.B., B.S.	1957	Shearer, Harvey Albert, B.A. - - -	1936
Scobie, John Hedger, M.B., B.S. - -	1949	Shedley, Alfred Charles, B.Sc. - - -	1919
Scoble, Sidney John, B.A. - - - -	1936	Sheedy, Redmond Stuart Parnell, M.B., B.S. - - - -	1952
Scollin, James, B.D.S. - - - -	1932	†Shekleton, Peter Reginald, B.A. - - -	1957
Scott, Alfred Eric, M.Sc. - - - -	1928	Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) - - - -	1926
†Scott, Douglas Cussen, B.Sc. - - -	1955	Shephard, Stanley Maxwell, B.Sc. - -	1948
Scott, Jeffrey Frank, LL.B. - - - -	1949	Shepherd, David Wickham, M.B., B.S.	1938
B.Ec. - - - -	1955	Shepherd, Elizabeth Miriam, B.A. - -	1947
Scott, Michael Arthur MacDonald, M.A. (M.Sc. National University, Ireland, 1934) - - - -	1953	Shepherd, Geoffrey Lincoln, LL.B. - -	1930
Scott, Philip Earle, B.E. - - - -	1954	Shepherd, John Alfred, B.A. - - - -	1929
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913) -	1913	Shepherd, John Henry, B.A. - - - -	1935
Scott, Trevor Dennison, M.Sc. - - -	1955	M.Sc. - - - -	1947
Seragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946) - - - -	1955	†Shepherd, Kenneth William, B.Ag.Sc.	1956
Seragg, Walter Robert Lambert, B.A. -	1950	†Shepherd, Peter Byron, M.B., B.S. -	1957
Scriven, Murray Walter, B.A. - - - -	1947	Shepherd, Reginald George, B.Sc. -	1953
Scriven, Wilton Maxwell, B.Sc. - - -	1953	Shepley, Arthur Raymond, B.Sc. - -	1923
†Scriymour, Peter Robert, B.E. - - -	1956	B.E. - - - -	1924
Seaman, Gilbert Frederick, B.Ec. - -	1935	Shepley, Estelle Ann, M.Sc. - - -	1956
Seaman, Keith Douglas, B.A. - - - -	1951	Shepley, Leslie Herbert Hamilton, LL.B. - - - -	1909
LL.B. - - - -	1955	Sheppard, Mark Yeatman, M.B., B.S.	1942
Searle, Clifford Alfred James, B.A. -	1937	Sheppard, Robert Alexander William, B.Sc. - - - -	1942
Searle, Frederick John, B.A. - - - -	1902	Shield, Judith Adelaide, B.A. - - -	1948
Searle, Hartley Malcolm, B.A. - - -	1932	Shierlaw, Howard Alison, LL.B. - -	1902
B.Sc. - - - -	1935	Shierlaw, Norman Craig, B.E. - - -	1949
Sears, Harold William, B.Sc. - - - -	1943	†Shinkfield, Anthony James, B.A. - -	1955
Searson, William George, B.E. - - -	1953	Shinkfield, Cecil Charles, M.A. (Cambridge, 1930) - - - -	1953
Sedgley, Ralph Harold, B.Ag.Sc. - -	1954	Shinkfield, Marian Ruth, B.A. - - -	1949
Seedsman, Donald John, B.Sc. - - -	1948	Shinkfield, Roger John, B.E. - - -	1954
Seedsman, Kenneth Reginald, B.Sc. -	1951	*Shipway, Graham Stuart, M.B., B.S.	1916
Seekamp, Jack Victor, B.Ag.Sc. - - -	1942	Shirpurkar, Gajanan Ramchandra, M.Sc.	1949
†Seglenieks, Zigurds, M.B., B.S. - -	1955	Shoebridge, Ivan, LL.B. - - - -	1929
Segnit, Edgar Ralph, M.Sc. - - - -	1945	†Short, David Charles, B.E. - - - -	1956
Segnit, Ralph Walter, B.Sc. (Oxford, 1922) - - - -	1922	Short, David Weddell, M.B., B.S. - -	1940
Seidler, Jan Hynek, M.Sc., B.A. - - -	1954	Short, Kerwin Alfred Robert, B.E. -	1927
Seith, Wolfram Immanuel, M.B., B.S. -	1949	Short (nee Stephens), Lillian Mary Theakstone, M.A. - - - -	1938
Sellers, Ada, B.A. - - - -	1928	Shortridge, Dennis Thorman, M.B., B.S.	1938
Selth, Donald Victor, B.A. - - - -	1949	Shrowder, Ronald Louis, B.A. - - -	1940
Selth, Geoffrey Poole, B.A. - - - -	1951	Shub, Samuel, M.B., B.S. - - - -	1953
Semler, Clifford Gerhardt, M.B., B.S.	1940	Shuter, Richard Ernest, M.B. (Melbourne, 1891) - - - -	1895
Semmens, Francis John, B.Sc. - - -	1928	Sibly, Pamela Maslin, M.Sc. - - - -	1950
Semmler, Clement William, M.A. - - -	1938		
Simple, Kenneth Hugh, B.A. - - - -	1950		
†Senior, Judith Rae, B.Sc. - - - -	1955		
Senior, Lionel Rupert, B.Sc. - - - -	1929		
B.A. - - - -	1947		
Senior, Rex Clifton, M.B., B.S. - - -	1952		

* Deceased.

† Not yet Members of the Senate.

Sibthorpe, Gwenyth, M.B., B.S.	1946	Smith, Brian Hartley, B.E.	1950
Sieber, Clarence Bertram, B.E.	1926	Smith, Cairns William Villeneuve, LL.B.	1951
Siegele, John Louis, B.Sc.	1945	Smith, Cecil Teesdale, M.A.	1945
Siglin, Max, M.B., B.S.	1954	Smith, Cedric Alfred Neal, B.Ag.Sc.	1933
Sigmont, Victor Charles, B.A.	1950	Smith, Daisy Maude, B.A.	1922
†Silver, Harold, B.E.	1956	Smith, David Carswell, B.A.	1931
†Silver, Meredith May, M.B., B.S.	1937	Smith, David Floyd, B.Ag.Sc.	1951
†Silver, Malcolm David, M.B., B.S.	1937	Smith, David Gordon Law, M.B., B.S.	1953
†Silver, Phillip Laurence, B.E.	1957	Smith, David Nichol, D.Litt. (Camb.)	1951
Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	†Smith, Dene Martindale, B.D.S.	1955
†Simes, Irene Pamela, B.Sc.	1956	†Smith, Donald Stevenson, M.B., B.S.	1957
†Simm, John, B.E.	1956	Smith (nee Gardner), Edith Josephine Viner, B.A.	1906
Simmonds, David Hubert, M.Sc.	1948	Smith, Edward Mackie, B.E.	1939
Simmonds, Rachel Elizabeth, B.A.	1948	Smith, Edward Rowland, B.Sc.	1942
Simmons, Donald William, B.Ec.	1949	Smith, Ewart Austral, M.B., B.S.	1951
Simmons, Geoffrey Clive, B.Sc.	1945	Smith, Frank Berry, D.Sc.	1937
Simmons, Marie Yvonne, B.A.	1952	†Smith, Frank Stewart, M.B., B.S.	1956
Simons, Alfred, M.B., B.S.	1942	Smith, Gavin Viner, M.B., B.S.	1937
Simons, Arthur Nicholas, B.Sc.	1951	Smith, Gordon Wearing, M.B., B.S.	1925
Simpson, Alfred Moxon, B.Sc.	1930	Smith, Harold Reid, LL.B.	1939
Simpson, Donald Allen, M.B., B.S.	1949	Smith, Ian Darian, M.D. (M.B., B.S., 1951)	1956
Simpson, Frederick William, M.B., B.S.	1934	Smith, Iris Eileen, B.A.	1930
Simpson, Hugh Denney, B.Sc.	1920	Smith, Ivan Ford, B.A.	1953
B.A.	1921	Smith, Jack Edwin, B.Sc.	1934
Simpson, Penelope Margaret, B.Sc.	1949	Smith, James Clyde, B.E.	1938
Simpson, Robert Allen, B.E.	1934	Smith, James Wearing, B.E.	1924
Sims, Clive Moir, M.Sc.	1957	Smith, Joan Frances, B.A.	1948
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948	Smith, John Bertrand, B.Sc.	1943
Sims, Milton Reginald, B.D.S.	1950	°Smith, John Edgar, B.Sc. (Victoria, 1901)	1919
Sims, Roxy, B.A.	1933	Smith, John Fife, B.A.	1929
†Sims, William George, B.Sc.	1957	Smith, John Jeffreys, LL.B.	1932
Sinclair, Walter Gordon Clyde, B.Sc.	1923	†Smith, John Royle Casley, B.Sc.	1957
Sinclair, William Malcolm, M.B., B.S.	1911	Smith, John Wasley, M.B., B.S.	1953
Singh, Rajendra, Ph.D.	1953	Smith, John Wilton, B.Sc.	1952
†Simmott, Patricia Margaret, B.A.	1956	Smith, Keith, LL.B.	1953
Sizer, Marion Betty, B.Sc.	1954	Smith, Keith Kenneth Masefield, B.A.	1942
Skewes, Edward Foster, LL.B.	1917	Smith, Keith Viner, M.B., B.S.	1939
Skinner, Brian John, B.Sc.	1950	°Smith, Kenneth William Algemon, B.Sc.	1923
Skinner, Cecil Reginald Allenby, B.E.	1949	Smith, Kenneth Wilnot Vernon, B.E.	1937
Skipper, John Stark, M.B., B.S.	1944	Smith, Louis Campbell, B.Ag.Sc.	1951
Skipper, Stanley Herbert, LL.B.	1901	Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	1914
Skuce, Beryl Marion Rebecca, B.A.	1934	Smith, Lynden Rae Forbes, M.B., B.S.	1953
Sladdin, John Naulty, M.B., B.S.	1953	Smith, Mary, M.A.	1932
Slade, John Harman, M.B., B.S.	1946	Smith, Mary Theresa, B.A.	1935
Slade, Kathleen Nellie, B.A.	1942	Smith, Maxwell Herbert, B.Sc.	1940
Starks, Geoffrey Herbert, B.E.	1954	Smith, Melva Estelle, B.A.	1942
Slater, Allan, B.E.	1953	Smith, Mervyn Keith, M.B., B.S.	1944
Slattery, Francis James, B.E.	1952	Smith, Murray George, B.E.	1954
Slattery, Mary, B.A.	1931	Smith, Pamela Darien, B.A.	1954
Slaughter, Colin Sidney, B.E.	1954	Smith, Peter Brian, M.B., B.S.	1954
Slee, Dugald Haughton, B.Sc.	1930	Smith, Primrose Mary Viner, B.A.	1940
B.A.	1932	Smith, Raydon Berry, B.E.	1917
Slee, Ian Bruce, B.A.	1950	Smith, Raymond Thomas, B.Sc.	1932
Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915)	1927	Smith, Rayner Whitmore, M.B., B.S.	1953
Sleeman, William John, M.B., B.S.	1947	Smith, Richard Miln, B.Sc.	1948
Slim, His Excellency Field Marshal Sir William Joseph, LL.D.	1956	†Smith, Richard Waldemar Law, B.A.	1955
Slovan, Arthur Raymond, B.Sc.	1937	°Smith, Robert James Brazil, B.D.S.	1921
Smale, Thomas Charles, B.A.	1950	†Smith, Roger, B.E.	1956
Smallacombe, Roy Frederick, B.A.	1953	Smith, Ronald Norman, B.E.	1933
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951	Smith, Sheila Isabel Wesley, B.A.	1944
Smart, Lawrence Maxwell, B.D.S.	1950	Smith, Sidney William, B.E.	1937
°Smeaton, Bronte, M.B., B.S.	1896	†Smith, Sinclair Joseph, M.B., B.S.	1955
*Smeaton, Bronte Creagh, M.B., B.S.	1928	Smith, Stuart Meldrum, B.A.	1949
Smeaton, John Anthony, B.E.	1939	Smith, Vera Lisnagore, B.A.	1934
Smerdon, David Rutherford, B.D.S.	1951	Smith, Walter Leonard, M.B., B.S.	1914
Smerdon, John Rutherford, B.D.S.	1946	Smith, William Irving Berry, B.Sc.	1940
Smbert, George James, M.B., B.S.	1954	Smyth, Isabel Agnes Ekin, B.A.	1905
Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904)	1934	†Smyth, Robert Walter, B.E.	1955
Smith, Adrian Milton, B.Ec.	1949	Snecwin, Gwendoline Marjorie Jean, B.A.	1925
Smith, Alfred Earle, LL.B.	1937	Snecwin, John Arthur, LL.B.	1951
Smith, Alick Hardy, B.A.	1948	†Snoswell, Alan Marlow, B.Sc.	1956
Smith, Aloysius Daly Virgilius, M.B., B.S.	1928	Snow, Richard Adrian Wilfrid, B.D.S.	1940
Smith, Annie Ethel, B.A.	1935	Snow, Wilfred Rippon, B.E.	1914
†Smith, Barry Whitmore, B.A.	1956	Soar, Dudley Turner, B.Ec.	1951
Smith, Brian Arnold, B.E.	1940		

* Deceased.

† Not yet Members of the Senate.

Sobey, Iris Beatrice, B.A. - - - -	1944	†Staker, Robert, B.E. - - - -	1956
Sobey, Reginald Roberts, M.B., B.S. -	1942	Stalley, Douglas John, M.Ec. - - - -	1955
†Soebroto, Oentoeng, B.Ec. - - - -	1955	†Stalley, Joan Charmian, B.Sc. - - - -	1955
Sollas, William Johnston, D.Sc. (Cam-		Stam, Robert Edward, M.B., B.S. - - -	1949
bridge) - - - - -	1914	Stanbury, Dennis George, M.B., B.S. -	1957
Solly, Janet Elizabeth, M.B., B.S. - -	1952	†Stanbury, Peter John Terence Cathcart,	
Solly, William Warburton, B.Sc. - - -	1948	B.Sc. - - - - -	1957
Solomon, George Herbert, M.B., B.S.	1927	Stanley, Allen David, B.E. - - - -	1949
Solomon, Helen Ethel, LL.B. - - - -	1935	Stanley, Brian Charles, LL.B. - - - -	1953
*Solomon, Isaac Herbert, B.A. - - - -	1895	Stanley, Laurence John, LL.B. - - - -	1925
LL.B. - - - - -	1898	Stanley, Neville Fenton, D.Sc. - - - -	1954
Solomon, Judah Moss, B.A. - - - -	1888	Stanton, Robert Anthony, B.D.S. - - -	1950
LL.B. - - - - -	1891	Stapledon, David Hiley, B.Sc. - - - -	1951
Solomon, Susan Selina, B.Sc. - - - -	1890	Stapledon, Roger Johnson, B.E. (In-	
Solomons, Barnet, M.B., B.S. - - - -	1922	terim B.Sc. (Eng.), 1944, surren-	
Somerset, Forbes Mitchell, B.E. - - -	1941	dered) - - - - -	1949
Somerville, Archibald Shierlaw Ralph,		†Staples, Roy William Frederick, B.E.	1957
LL.B. - - - - -	1922	Stark, Alan Edmund, B.A. - - - -	1954
Somerville, Christopher Malcolm,		Statton, Arthur Knight, B.Sc. - - - -	1922
B.D.S. - - - - -	1952	Statton, Josiah William, B.Sc. - - - -	1921
Somerville, Dorothy Christine, B.A. -	1918	Statton, Keith Jeffery, M.B., B.S. - - -	1944
LL.B. - - - - -	1921	Staupe, Clarence Herman, B.A. - - - -	1947
Somerville, Hugh Norman, B.E. (B.Sc.,		Stead, Sydney Arnold, B.Sc. - - - -	1933
1915, surrendered for B.E., 1919) - -	1919	Steele, David Macdonald, M.B., B.S. -	1909
Somerville, Sesca Lewin, B.A. - - - -	1916	†Steele, David Macdonald, M.B., B.S. -	1955
†Soper, Graham Michael, B.Ec. - - - -	1957	Steele, Donald Macdonald, M.B., B.S.	1919
Sorrell, Margaret Walter, B.A. - - - -	1925	Steele, Ian Macdonald, M.B., B.S. - -	1948
Soukup, Dorothy Mavis, M.B., B.S. -	1951	Steele, John Kevin, B.Ec. - - - -	1954
†Souter, Brian Heylen, B.D.S. - - - -	1956	Steele, Kenneth Nugent, M.B., B.S. - -	1914
Souter, Douglas Todd, M.B., B.S. - -	1949	Steele, Laurence Russell, B.E. - - - -	1940
†Souter, John Francis, M.B. (Aberdeen,		Steele, Robert Ernest, M.B., B.S. - - -	1952
1889) - - - - -	1897	Steele, Robert Thornborough, M.B.,	
Souter, Robert John de Neufville,		B.S. - - - - -	1942
M.B., B.S. - - - - -	1923	Steele (nee Morris), Shirley Victoria,	
†South, Peter Moncrief, B.Sc. - - - -	1956	LL.B. - - - - -	1933
South, Ronald Robert, B.D.S. - - - -	1951	Stephens, Charles Francis, B.Sc. - - - -	1897
Southcott, Jean Wauchope, B.A. - - -	1921	Stephens, Charles George, D.Sc. - - - -	1950
Southcott, Ronald Vernon, M.D. (M.B.,		Stephens, Ella Mary, B.A. - - - -	1915
B.S., 1941) - - - - -	1957	Stephens, Eric Goyne, B.Sc. - - - -	1912
Southcott, Rosemary Enid, B.Sc. - - -	1954	Stephens, John Felton, M.Sc. - - - -	1957
†Southgate, Deane Oakford, M.B., B.S.	1955	Stephens, Richard Clarence, B.D.S. - - -	1951
Southwood, Albert Ray, M.D. (M.B.,		Stephens, Sylvester Kevin, B.E. - - - -	1951
B.S., 1916) - - - - -	1920	Stephenson, James Lewis, B.Ec. - - - -	1944
M.S. - - - - -	1925	Stephenson, John Roy Becket, B.A. - - -	1952
Southwood, Harry Milton, B.Sc. - - -	1936	Stephenson, Leonard Allenby, B.Sc.	
M.D. (M.B., B.S., 1932) - - - -	1943	(Eng.) - - - - -	1943
†Southwood, Richard Taunton, M.B.,		Stephenson, Thomas Howard, B.E. - - -	1933
B.S. - - - - -	1956	†Stern, Leon Max, M.B., B.S. - - - -	1956
†Spain, Brian James, B.E. - - - -	1956	†Steven, Ian Matheson, M.B., B.S. - - -	1956
*Spargo, Stanley Carr, B.A. - - - -	1931	†Steven, Walter Edward, M.B., B.S. - - -	1920
†Spark, Mavis Constance, B.A. - - - -	1947	*Stevens, Aubrey Clement, M.A. - - - -	1923
Sparrow, Lorna Discombe, M.A. - - -	1934	Stevens, Edgar Loveday, LL.B. - - - -	1919
B.Ec. - - - - -	1941	Stevens, John Alfred Fortington, B.D.S.	1948
Sparrow, Maxwell Elliott, B.E. - - - -	1934	Stevens, Richard Barrymore, B.E. - - -	1952
Specht, Raymond Louis, Ph.D. - - - -	1954	Stevens, Robert Peter (Interim B.Sc.	
†Speed, Isobel Ethel, M.B., B.S. - - -	1957	(Eng.), 1942, surrendered), B.E. - - -	1945
Speirs, William McMillan, B.A. - - - -	1949	Stevens, William Edward, B.E. - - - -	1952
†Spence, David Norman, M.B., B.S. - -	1957	Stevenson, Arthur James, B.E. - - - -	1937
†Spence, Robin Douglas James, M.B.,		Stevenson, Donald George, M.Sc. - - - -	1952
B.S. - - - - -	1957	Stevenson, Frances Aimee, B.A. (Tas-	
Spencer, Donald, Ph.D. - - - -	1953	mania, 1923) - - - - -	1926
Spencer, Leslie Brian, B.Sc. - - - -	1951	Steward, Harrold Dunning, M.B., B.S.	1951
†Sperber, Joan Ilma, B.Sc. - - - -	1955	Stewart, Alastair Keith McKellar, M.B.,	
†Spitz, Francis, B.Ec. - - - -	1956	B.S. - - - - -	1951
Spooner, Edgar Clynton Ross, D.Sc.		Stewart, Colin Gore, B.A. - - - -	1914
(Tas., 1946) - - - - -	1949	Stewart, Donald Peter Sinclair, B.Ec.	1952
†Spratt, James Arthur Henry, B.Sc. - -	1957	Stewart, Edgar Douglas James, B.E. - - -	1947
Sprigg, Patricia Amy, B.A. - - - -	1943	†Stewart, Geoffrey Daniel, M.B., B.S. - -	1957
Sprigg, Reginald Claude, M.Sc. - - - -	1944	Stewart, Henry William James, B.E. - - -	1952
Sprod, Thomas Daniel, B.A. - - - -	1951	Stewart, John Innes Mackintosh, M.A.	
Spruhan, Bridget Catherine, B.A. - - -	1933	(Oxford, 1935) - - - - -	1935
Spry, Alan Herbert, M.Sc. - - - -	1951	*Stewart, John McKellar, M.A. (D.Phil.,	
Spurling, Milton Bernard, M.Ag.Sc. - -	1953	Edinburgh, 1911) - - - - -	1923
Spurr, Robert Thomas, B.Sc. - - - -	1948	Stewart, John Samuel, M.B., B.S. - - -	1939
Spurway, John Horton, M.B., B.S. - -	1951	Stewart, John Stewart McKellar, M.B.,	
Stace, Gopal Ayer, M.B., B.S. - - - -	1952	B.S. - - - - -	1942
Stace, Hubert Charles Thomas, M.Sc.	1955	Stewart, Margaret McKellar, B.A. - - -	1937
Stace, John Hamilton, M.B., B.S. - - -	1943	Stewart, Vernon Allan Fergusson,	
Stacy, John Michael Sholto, B.E. - - -	1951	M.B., B.S. - - - - -	1939
†Stacy, Margaret Ruth, B.Sc. - - - -	1955	†Stewien, Carl Ronald, B.E. - - - -	1955
†Stagg, Ross Smith, B.E. - - - -	1955	Stidston, Matthew Alfred Clement,	
†Stahl, Margaret Anne, B.Sc. - - - -	1957	B.Sc. - - - - -	1936
Stain, Maxwell Wright, B.D.S. - - - -	1944	Stoate, Theodore Norman, D.Sc. - - -	1953

* Deceased.

† Not yet

Members of the Senate.

*Taylor, William Haldane, B.Sc. - - - - -	1956	†Thomson, Janet Elizabeth, B.Sc. - - - - -	1956
Teasdale, Verner, M.B., B.S. - - - - -	1954	Thomson, Joanna Erlistoun, B.A. - - - - -	1948
Teesdale-Smith, Malcolm, LL.B. - - - - -	1954	Thomson, Keith Westhead, Ph.D. - - - - -	1954
†Teh, Peng Heng, M.B., B.S. - - - - -	1955	(Washington, 1953) - - - - -	
Tejwani, Khubo Gianchand, Ph.D. - - - - -	1952	Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - -	1947
Telfer, Douglas Ivan, B.A. - - - - -	1945	Thomson, Linda Lovibond, B.D.S. - - - - -	1926
Templer, Jeffrey Norman, B.E. - - - - -	1941	Thomson, Sydney William, B.D.S. - - - - -	1930
Tennant, Maxine Rita, M.B., B.S. - - - - -	1951	Thomson, Theodore Roderick, M.B., B.S. - - - - -	1947
†Teoh, Hoon Leong, B.Ec. - - - - -	1957	Thomson, Vera Audrey, B.A. - - - - -	1947
Ternan, Verna Joyce, B.A. - - - - -	1933	Thornton, Digby Noel, M.B., B.S. - - - - -	1951
Terrill, Frederick Edward, M.B., B.S. - - - - -	1922	Thornton, Gayfield Collins, M.B., B.S. - - - - -	1943
Terrill, Samuel Ernest, B.Sc. - - - - -	1927	†Thorpe, Geoffrey William, B.A. - - - - -	1955
Tester, Donald Kenneth, B.Sc. - - - - -	1951	*Thredgill, Bessie, B.A. - - - - -	1929
Teusner, Berthold Herbert, LL.B. - - - - -	1931	Thredgold, Beatrice Marie, B.A. - - - - -	1928
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940) - - - - -	1947	Thrum, Edward Allen, B.Sc. - - - - -	1921
Texler, Eva, M.B., B.S. - - - - -	1942	B.E. - - - - -	1924
Texler, Karl Maria, M.B., B.S. - - - - -	1942	Thrush, Harry Clifford, B.A. - - - - -	1915
Thiel, Colin Victor, B.Sc. - - - - -	1949	Thyer, Alexander Maitland, M.E. - - - - -	1936
Thiele, Colin Milton, B.A. - - - - -	1941	Thyer, Frederick Lewis, M.B., B.S. - - - - -	1923
Thiele, James Barnabas, Mus.Bac. - - - - -	1952	Thyer, Robert Francis, B.Sc. - - - - -	1932
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935) - - - - -	1938	Tideman, Arthur Frederick, B.Ag.Sc. - - - - -	1953
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - -	1947	Tideman, Frederick William, B.E. - - - - -	1925
Thomas, Alfred John Thornley, M.B., B.S. - - - - -	1949	Tidemann, Ernest Phillips, B.D.S. - - - - -	1933
Thomas, Arthur Nutter, M.A. (Cambridge, 1895) - - - - -	1906	†Tidwell, Bruce Allison, B.D.S. - - - - -	1955
Thomas, Arthur Robin, B.E. - - - - -	1936	Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919) - - - - -	1922
Thomas, Brian Gordon, M.B., B.S. - - - - -	1947	*Tilbrook, Jabez Percy Harold, M.A. - - - - -	1926
Thomas, David Austin Grenfell, LL.B. - - - - -	1931	Tilbrook, Norman Keith, B.E. - - - - -	1949
Thomas, David John Saint, B.E. - - - - -	1932	Tilbrook, Percival Montrose Torr, B.A. - - - - -	1954
Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953) - - - - -	1955	†Tillemann, Rosemary, B.A. - - - - -	1957
*Thomas, Edward Brooke, M.B., B.S. - - - - -	1911	Till, Maxwell Roy, B.Ag.Sc. - - - - -	1949
Thomas, Harold Davey, B.E. - - - - -	1935	Tiller, Kevin George, M.Sc. - - - - -	1957
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933) - - - - -	1949	Tiller, Kenneth Matthew John, B.Sc. B.A. - - - - -	1949
Thomas, Jack, B.Sc. - - - - -	1934	†Tillett, Peter Irwin, B.Sc. - - - - -	1956
Thomas, Jeffery Josiah, B.Sc. (Eng.) - - - - -	1945	Tilley, Cecil Edgar, B.Sc. - - - - -	1914
Thomas, John Angas, B.Sc. - - - - -	1948	†Tilly, Graham John, B.Sc. - - - - -	1957
Thomas, Joyce Amy, B.Sc. - - - - -	1949	Timecke, Edward Waldemar, B.A. - - - - -	1920
Thomas, Kenneth Donald, B.A. - - - - -	1953	Tindale, Beryl Rae, B.A. - - - - -	1948
Thomas, Kenneth Hewitson, B.Ec. - - - - -	1953	Tindale, Norman Barnett, B.Sc. - - - - -	1932
Thomas, Margaret Helen, B.A. - - - - -	1934	†Tindall, Colin James, LL.B. - - - - -	1957
Thomas, Marjorie Phyllis Casley, M.B., B.S. - - - - -	1927	†Tindall, Ronald Graham, B.Sc. - - - - -	1956
Thomas, Milton, B.Sc. - - - - -	1950	Tipping, Richard Michael, M.B., B.S. - - - - -	1953
Thomas, Richard Grenfell, B.Sc. - - - - -	1924	†Tiver, Athol, B.Ag.Sc. - - - - -	1956
Thomas, Trevor Wilson, B.A. - - - - -	1939	Tiver, Newton Stanley, M.Sc. - - - - -	1947
Thomas, Walter Warren, B.E. - - - - -	1951	Tiver, Ronald Wayland, B.D.S. - - - - -	1943
Thomas, Wesley James, B.Sc. - - - - -	1952	†Todd, Arnold Charles, B.E. - - - - -	1955
Thomas, William Lancelot, B.A. - - - - -	1925	†Tohver, Ilmar, B.D.S. - - - - -	1955
Thompson, Aileen Joyce, B.Sc. - - - - -	1950	Tolcher, Vernon Arthur, B.E. - - - - -	1953
Thompson, Alexander McQueen, M.B., B.S. - - - - -	1937	Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1949
†Thompson, Basil Clive, B.E. - - - - -	1955	†Tolmie, Ronald Philip, B.E. - - - - -	1957
†Thompson, Bryan William, M.B., B.S. - - - - -	1957	Tomlinson, Betty Mary, B.A. - - - - -	1939
Thompson, Douglas Norman, B.Sc. - - - - -	1949	Tomlinson, William Frederick, M.B., B.S. - - - - -	1939
†Thompson, Frank Howard, B.A. - - - - -	1955	Tonkin, Aubrey Douglas, M.B., B.S. - - - - -	1951
Thompson, Frederick Verner, B.Sc. (Eng.) - - - - -	1948	Tonkin, David Oliver, M.B., B.S. - - - - -	1953
Thompson, Jean Fleming, B.A. - - - - -	1928	Tonkin, Donald Geoffrey, B.E. - - - - -	1953
Thompson, Jessie Mildred, B.A. - - - - -	1939	Tonkin, Mary Elizabeth, B.A. - - - - -	1944
†Thompson, John Evelyn, M.B., B.S. - - - - -	1955	Tonkin, Raymond George, M.B., B.S. - - - - -	1937
Thompson, John Robert, M.B., B.S. - - - - -	1938	Tonkin, William Richards, M.B., B.S. - - - - -	1921
Thompson, John Ronald, B.D.S. - - - - -	1941	†Toovey, Douglas Reginald, B.Ec. - - - - -	1957
Thompson, Leonard Arthur, B.D.S. - - - - -	1950	Tooze, Mervyn John, B.Sc. - - - - -	1947
Thompson, Malcolm James, B.Sc. - - - - -	1953	Topliss, John George, M.B., B.S. - - - - -	1950
Thompson, Maxwell Andrew, B.E. - - - - -	1952	Topperwien, Irwin, M.A. - - - - -	1924
Thompson, Noel, B.Sc. - - - - -	1954	B.Sc. - - - - -	1925
Thompson, Rex Palmerstone, B.Sc. - - - - -	1948	Torr, Shirley Constance, B.A. - - - - -	1944
Thompson, Thomas Alexander, B.Sc. - - - - -	1896	Torr, Thomas Harold, M.B., B.S. - - - - -	1953
Thompson, William, B.A. - - - - -	1936	Tostevin, Alfred Ladyman, M.B., B.S. - - - - -	1923
Thomson, Arthur Melville, B.Sc. - - - - -	1936	Tostevin, Graham Mark, M.E. - - - - -	1957
†Thomson, Beresford John Rodger, B.D.S. - - - - -	1957	Tothill, Judith Windebank, B.A. - - - - -	1953
Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941) - - - - -	1957	Toussaint, Rose Evangeline, M.B., B.S. - - - - -	1953
Thomson, Bruce James, B.Sc. - - - - -	1950	†Townsend, Douglas George, M.B., B.S. - - - - -	1956
†Thomson, Bruce William, B.D.S. - - - - -	1957	Townsend, Herbert Louis, B.A. - - - - -	1941
Thomson, Cedric Jeffrey, LL.B. - - - - -	1951	†Townsend, Norman Charles Wilson, M.B., B.S. - - - - -	1956

* Deceased.

† Not yet Members of the Senate.

Travers, John Leo, LL.B. - - - -	1920	Turner, Tennyson, LL.B. - - - -	1952
Treasure, Eunice Jessie, B.A. - - - -	1944	B.A. - - - -	1954
Treasure, Valda Beth, B.A. - - - -	1951	†Turner, Thomas William, M.B., B.S. - - - -	1956
Trebilcock, John Bungey, M.B., B.S. - - - -	1953	Twartz, Arnold Frederick, B.Sc. - - - -	1936
Tregenza, Alan Arthur, B.A. - - - -	1949	Twelftree, Clifford Croft, B.A. - - - -	1938
†Tregenza, Jean Florence, B.A. - - - -	1955	Twopeny, John Richard Nowell, B.E. - - - -	1952
Tregenza, John Miller, M.A. - - - -	1956	Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - - -	1905
Tregenza, Sydney Lloyd, B.A. - - - -	1923	Tyler, Donald Henry, B.E. - - - -	1947
Tregonning, Alexander Gillespie Anthony, M.B., B.S. - - - -	1951	Tymons, Clement James, B.D.S. - - - -	1945
Tregonning, Donald John Kennedy, M.B., B.S. - - - -	1949	Tymons, Frances Teresa, M.B., B.S. - - - -	1953
Tregonning, Kennedy Gordon Philip, B.A. - - - -	1950	†Tynan, Arthur Ernest, B.Sc. - - - -	1955
Treleaven, Walter, B.Sc. - - - -	1898	Tyson, Angus Gordon, M.Sc. - - - -	1954
Treloar, Albert Edward Coran, LL.B. - - - -	1927	U	
Treloar, Francis Edward, B.Sc. - - - -	1954	Underdown, Reginald Edward, B.Sc. - - - -	1952
Treloar, John Harvey, B.E. - - - -	1954	Ungar, Emeric Imre, M.B., B.S. - - - -	1952
†Treloar, Lionel Hammond, LL.B. - - - -	1957	Upton, Alethea Mary, Mus.Bac. - - - -	1941
†Treloar, Ronald William, B.Ec. - - - -	1957	Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919) - - - -	1935
Treloar, Hugh Kingsley, LL.B. - - - -	1951	Urban, Ernest, B.E. - - - -	1952
Tremain, Allen Maurice, B.Sc. - - - -	1943	M.B., B.S. - - - -	1957
Trembath, Frank Everard, M.B., B.S. - - - -	1944	Urban, Friedrich, M.B., B.S. - - - -	1942
Trenery, Roger, B.E. - - - -	1948	Urban, Regina, B.D.S. - - - -	1942
Trenorden, Ailsa Gwynne, B.Sc. - - - -	1952	Ure, Constance Douglas, B.Sc. - - - -	1930
Trenorden, Glenwynne Eva, B.A. - - - -	1934	Ure, Gwendolen Helen, LL.B. - - - -	1923
Trenorden, James Henry, B.A. - - - -	1945	Urwin, Jack Robson, Ph.D. - - - -	1954
Trestrail, Hugh Alexander, B.E. - - - -	1937	†Usher, Alan Bruce Grant, B.E. - - - -	1955
Trethewie, Everton Rowe, M.D. (Melb., 1939) - - - -	1944	Usher, Emilie Pauline, B.A. - - - -	1950
Triggs, Kathleen Dorothy, B.A. - - - -	1945	V	
Trimmer, Ray Brian, B.E. - - - -	1949	Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952) - - - -	1953
Trist, Alan Roberts, B.Sc. - - - -	1926	†Van Kapel, Hendrik Hendrikus, B.E. - - - -	1957
Trott, Arthur Keith, B.D.S. - - - -	1939	Van Senden, Raymond Redvers, B.E. - - - -	1924
Trott, Dudley William, B.D.S. - - - -	1939	†Van Velsen, Reuben John, B.Ag.Sc. - - - -	1957
Trott, John Richard, B.D.S. - - - -	1950	Vance, Christina Elizabeth, B.Sc. - - - -	1935
Trott, Lyndon Rodney Eyre, B.E. - - - -	1950	Vanstone, Bartley James, B.D.S. - - - -	1946
Trotter, Frederick Lionel, B.D.S. - - - -	1941	Vaudrey, Mary, B.A. - - - -	1933
Trudinger, Anna, B.A. - - - -	1892	*Vaughan, John Howard, LL.B. - - - -	1900
†Trudinger, Clara, B.Sc. - - - -	1908	Vawser, John Alfred, B.E. - - - -	1926
†Trudinger, Leonhard Paul, B.A. - - - -	1957	Vawser, Keith Derwent, B.E. - - - -	1954
Trudinger, Malcolm August, M.B., B.S. - - - -	1927	Vawser, Nevin Stuart, B.E. - - - -	1948
Trudinger, Martin, B.A. - - - -	1912	Vawser, Noel Keith, B.Ec. - - - -	1944
Trudinger, Philip Alan, Ph.D. - - - -	1955	Vawser, Paul Frederick, B.D.S. - - - -	1950
Trudinger, Ronald, B.Sc. - - - -	1905	Veitch, Lindsay Garfield, B.Sc. - - - -	1949
M.B., B.S. - - - -	1909	Venner, Barton Frederick, M.B., B.S. - - - -	1946
Trudinger, Ronald Martin, B.A. - - - -	1943	Verco, Claude Maythorn, B.A. - - - -	1915
Trudinger, Walter, B.A. - - - -	1892	Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) - - - -	1902
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - - -	1937	Verco, Geoffrey Webb, M.B., B.S. - - - -	1937
Trumble, Hugh Peter Christian, B.Ag.Sc. - - - -	1949	Verco, Joseph Stanley, M.B., B.S. - - - -	1913
Tuck, Bernard Edward Charles, B.A. - - - -	1922	Verco, Luke Everard, M.B., B.S. - - - -	1940
Tuck, Bernard Geoffrey, LL.B. - - - -	1933	Verco, Peter Willis, M.D. (M.B., B.S., 1942) - - - -	1949
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1947	Verco, Ronald Lister, M.B., B.S. - - - -	1928
Tuck, Harry Playford, B.Sc. - - - -	1915	†Verrall, Lois Rita, B.A. - - - -	1956
M.E. - - - -	1943	Verrall, Raymond Wilfred, B.A. - - - -	1937
Tuck, Raymond Allen, B.Sc. - - - -	1939	Verrall, Roswell Victor, B.E. - - - -	1947
Tucker, Bruce Mollet, B.Sc. - - - -	1941	†Vick, Lloyd Winston, Mus.Bac. - - - -	1956
B.A. - - - -	1956	Vickery, Frederick Arthur, M.A. - - - -	1931
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946) - - - -	1947	Vickery, Margaret, B.A. - - - -	1952
Tucker, Howard Erskine, LL.B. - - - -	1920	Vincent, David James, B.D.S. - - - -	1949
†Tucker, William George Shaw, M.B., B.S. - - - -	1957	Vincent, Francis William, B.E. - - - -	1950
Tuckwell, Eric Clavering, B.A. - - - -	1940	Vivian, Arthur Brian, M.B., B.S. - - - -	1950
†Tuckwell, Ernest Sinclair, B.A. - - - -	1948	†Vnuk, Frantisek, B.Sc. - - - -	1955
Tuckwell, Kenelm Sinclair, B.A. - - - -	1930	B.A. - - - -	1957
†Tuckwell, Roger Hamilton, B.Ec. - - - -	1956	Vogt, Brian Joseph, B.E. - - - -	1953
Tunbridge, Peter Brett, M.B., B.S. - - - -	1953	Vogt, Ronald Walter, B.Sc. (Eng.) - - - -	1947
Turnbull, Gordon McLeod, M.B., B.S. - - - -	1937	†Von der Borch, Christopher Carl, B.Sc. - - - -	1957
Turner, Arthur Noel, M.B., B.S. - - - -	1952	Von der Borch, Rudolph Hermann, M.B., B.S. - - - -	1926
Turner, Betty Gretton, B.Sc. - - - -	1937	Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) - - - -	1914
Turner, Charles Trevor, M.B., B.S. - - - -	1914	Vowels, Rex Eugene, M.E. - - - -	1939
Turner, Constance Mary, B.A. - - - -	1951	†Vowles, Norman Joseph, B.D.S. - - - -	1957
Turner, Donald Lionel, B.Sc. - - - -	1947	W	
Turner, Edward Robert, B.E. - - - -	1932	Wache, Ethel Mabel, B.A. - - - -	1939
†Turner, Emily Marian, B.Sc. - - - -	1930	Waddy, Brian Cadwallader, M.B., B.S. - - - -	1952
Turner, Frederic Boyd, M.B., B.S. - - - -	1933	Waddy, John Lane, M.B., B.S. - - - -	1948
Turner, Helena Gladys, B.Sc. - - - -	1940	Wade, Mary Julia, B.Sc. - - - -	1951
Turner, Keven James, Ph.D. - - - -	1956	Wadham, Elizabeth Jean, M.A. - - - -	1954
Turner, Nancy Gretton, B.A. - - - -	1937		

* Deceased.

† Not yet Members of the Senate.

† Wadsworth, Bernard Francis Peter, B.E. - - - - - 1956	Walz, Joseph Michael, B.A. - - - - - 1945
† Waechter, Raymond Trevor, B.E. - - - - - 1957	Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - 1947
Wagner, Barbara Joan, B.D.S. - - - - - 1942	Wannan, Ellen Sarah, B.Sc. - - - - - 1930
Wagner, Franz William, B.Sc. - - - - - 1928	Ward, Cyril Michael, M.A. - - - - - 1912
Wahlquist, Eric Gilbert, B.A. - - - - - 1951	† Ward, Denby Harcourt, B.E. - - - - - 1955
Wainwright, Charles Leonard, B.Sc. - - - - - 1900	Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - - - - 1935
Wait, Marthe Lucy, M.A. - - - - - 1922	† Ward, Geoffrey Grant, M.B., B.S. - - - - - 1955
Wait, Yvonne Lois, M.A. - - - - - 1932	Ward, Gerald Michael, LL.B. - - - - - 1949
Waite, Jack Francis Enos, B.A. - - - - - 1936	Ward, Harry Lancelot, B.A. - - - - - 1920
Wake, Roderick Barry, B.E. - - - - - 1951	Ward, Jean Russel, B.A. - - - - - 1939
Wakeford, Sidney Claud, B.A. - - - - - 1937	Ward, John Frederick, M.A. - - - - - 1908
Waldeck, Reginald David Chapple, B.A. - - - - - 1950	Ward, Kevin James, LL.B. - - - - - 1949
Wale, William Henry, Mus.Bac. (Oxford, 1874) - - - - - 1896	† Ward, Kevin Leonard, LL.B. - - - - - 1921
Walker, Alexander John Kerry, B.Ag.Sc. - - - - - 1939	Ward, Leonard Keith, B.E. (Sydney, 1903) - - - - - 1913
Walker, Christina Annie, LL.B. - - - - - 1935	D.Sc. - - - - - 1926
Walker, Daniel, B.Sc. - - - - - 1887	Ward, Leonard Rosslyn, B.E. - - - - - 1932
Walker, Ellen Lawson, B.Sc. - - - - - 1899	Ward, Margaret Kennings, B.A. - - - - - 1947
† Walker, Frances Sophia, Mus.Bac. - - - - - 1908	Ward, Robert Hayes, LL.B. - - - - - 1936
Walker, Gilbert John, B.A. - - - - - 1940	Ward, Russel Braddock, M.A. - - - - - 1950
Walker, Gordon Harold, B.E. - - - - - 1952	Warden, Robert Douglas Cunninghame, LL.B. - - - - - 1951
Walker, Ian Saville, Ph.D. - - - - - 1956	Warhurst, Barbara Wilfred, B.Sc. - - - - - 1938
Walker, Jane Elizabeth, B.A. (Wales) - - - - - 1908	Wark, Bruce Goodman, B.D.S. - - - - - 1953
† Walker, Janice Phyllis, B.A. - - - - - 1956	Warren, Donald Hampton, B.A. - - - - - 1942
Walker, John Adrian Mozar, M.B., B.S. - - - - - 1951	Warren, Sidney Lilla, B.A. - - - - - 1915
Walker, John Schomburgk, B.Sc. - - - - - 1926	Waterhouse, Edward John, B.Ag.Sc. - - - - - 1953
Walker, Mildred, B.A. - - - - - 1928	† Waterhouse, George Saville, B.A. - - - - - 1955
Walker, Reginald Jeffrey, M.B., B.S. - - - - - 1952	Waterhouse, Louis David, LL.B. - - - - - 1914
† Walkington, Harvey Mawbey, B.E. - - - - - 1937	Waterhouse, Ronald Greaves, M.B., B.S. - - - - - 1952
Walkley, Allan, B.Sc. - - - - - 1927	Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - 1948
Walkley, Gavin, B.E. - - - - - 1934	Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - - - 1947
M.A. (Cambridge, 1942) - - - - - 1949	Waters, Russell Kyle, B.A. - - - - - 1949
Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - - - - 1949	Waterson, John Gabriel, B.D.S. - - - - - 1945
Wall, Barbara Deane, M.A. - - - - - 1950	Watkins, Charles Thomas, LL.B. - - - - - 1907
Wall, Frederick Lawrence, M.B., B.S. - - - - - 1914	Watkins, John Leslie, B.E. - - - - - 1933
Wall, Gordon Elliott, B.Sc. - - - - - 1947	Watkinson, Mavis Daphne, B.A. - - - - - 1937
† Wall, Ian Baker, B.E. - - - - - 1955	† Watson, Arthur Harrison Edward, M.B., B.S. - - - - - 1920
Wall, Margaret Esther, B.Sc. - - - - - 1951	Watson, Arthur John, M.B., B.S. - - - - - 1953
Wallace, Donald, B.A. - - - - - 1939	Watson, Brian, B.E. - - - - - 1953
Wallace, Frank Kenneth, M.B., B.S. - - - - - 1934	† Watson, Christopher Lex, B.Ag.Sc. - - - - - 1957
Wallace, Sir Robert Strachan, M.A. (Oxford) - - - - - 1926	Watson, David Stanley, B.Sc. - - - - - 1954
Wallman, Ian Stuart, M.B., B.S. - - - - - 1947	Watson, Donald Robert, B.E. - - - - - 1951
Wallman, James Douglas Robson, M.B., B.S. - - - - - 1951	Watson, George Michael, M.B., B.S. - - - - - 1936
Wallman, Leigh Stuart, M.B., B.S. - - - - - 1940	† Watson, Graeme Douglas, B.A. - - - - - 1957
Wallman, Neil Stuart, M.B., B.S. - - - - - 1944	† Watson, John Champion, B.E. - - - - - 1956
Wallman, Nugent Horton, LL.B. - - - - - 1937	Watson, Joyce, B.A. - - - - - 1937
Wallman, Rex Horton, B.D.S. - - - - - 1951	Watson, Kenneth Graham, M.B., B.S. - - - - - 1953
Wallman, Richard John Robson, M.B., B.S. - - - - - 1951	Watson, Margaret Arden, B.Sc. - - - - - 1940
Wallmann, Douglas Robson, M.B., B.S. - - - - - 1918	Watson, Patricia Bali, M.B., B.S. - - - - - 1952
Wallmann, Reginald Horton, LL.B. - - - - - 1907	Watson, Percival, M.A. - - - - - 1931
Walmsley, Norman Stuart, B.D.S. - - - - - 1952	Watson, Ruth, M.Sc. - - - - - 1938
Walmsley, Robert Leitch Eric, M.B., B.S. - - - - - 1920	Watson, Timothy Alfred Francis Quinlan, M.Sc. - - - - - 1945
Walsh, Brian Richard, M.B., B.S. - - - - - 1950	Watt, Fanny Eileen, M.A. - - - - - 1930
Walsh, Dorothy Counley, B.A. - - - - - 1921	Wattchow, Colin Edward, B.A. - - - - - 1949
† Walsh, Elizabeth Jan, B.A. - - - - - 1956	Watts, Edith Isabel, B.A. - - - - - 1935
Walsh, Esmond Thomas, M.B., B.S. - - - - - 1926	† Watts, Norman Clarence, B.E. - - - - - 1956
Walsh, Frances Mary, B.A. - - - - - 1931	Watts, Ruth Emily, B.A. - - - - - 1949
Walsh, Kevin Gerald, LL.B. - - - - - 1932	Watts, John Clyde, B.Sc. - - - - - 1949
† Walsh, John Francis Anthony, M.B., B.S. - - - - - 1955	Wauchope, Diana D'Este, B.Sc. - - - - - 1949
Walsh, Margaret Mary, B.A. - - - - - 1951	Wauchope, Diosma Marie, B.A. - - - - - 1923
Walsh, Reginald Clarence, B.E. - - - - - 1925	Wauchope, Frederick John, B.Sc. - - - - - 1930
† Walter, Denys, B.Ec. - - - - - 1955	Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - - - 1924
Walter, Harold Noel, B.E. - - - - - 1936	Wauchope, Mavis Lorelie, M.A. - - - - - 1936
Walter, Hilda Blanche May, M.A. - - - - - 1915	Waugh, William McDonald, B.A. - - - - - 1951
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) - - - - - 1909	Way, Leslie Edward, B.Sc. - - - - - 1949
Walters, Francis Victor Charles, B.E. - - - - - 1953	Way, Neville James, M.B., B.S. - - - - - 1948
Walters, George Henry, LL.B. - - - - - 1936	Way, Thomas Hubert, B.E. - - - - - 1952
Walters, Max Norman Isadore, M.B., B.S. - - - - - 1954	Waye, Peter Neil, LL.B. - - - - - 1951
† Walters, William Allen Willcox, M.B., B.S. - - - - - 1956	Wearne, Enid Lois, B.A. - - - - - 1948
Walton, Bruce Adrian, B.Sc. - - - - - 1945	Webb, Arthur Liddon, M.B., B.S. - - - - - 1922
Walton, Gertrude Mary, B.A. - - - - - 1904	Webb, Bruce, Phillip, M.Sc. - - - - - 1954
† Walton, Shirley-Anne Campion, B.A. - - - - - 1956	Webb, Emmaline Nancy, B.A. - - - - - 1949

* Deceased.

† Not yet Members of the Senate.

Webb, John Edward, B.Sc. (Eng.)	-	1942	Wheaton, Malcolm Alfred, M.B., B.S.	-	1954
Webb, John Newton, M.B., B.S.	-	1917	†Wheaton, Neville Alistair, B.E.	-	1956
Webb, Kenneth Alfred, B.E.	-	1953	†Wheaton, Neville Kingsley, B.Sc.	-	1957
Webb, Mary Gwendoline, B.A.	-	1937	Wheaton, Russell Norman, B.Sc.	-	1952
Webb, Rita Gwendoline, B.A.	-	1930	Wheeler, Harry Winslow, B.Sc.	-	1929
Webber, Colin Russell, B.E.	-	1952	Wheeler, Reginald John, M.B., B.S.	-	1930
†Webber, Ian Ernest, B.E.	-	1957	Whelan, John Thomas, B.Ec.	-	1952
†Webber, Muriel Esme Jill, B.A.	-	1957	Whibley, Cyril George, B.E.	-	1927
Webber, Ronald Thomas John, B.Ag.Sc.	-	1948	Whillas, Geoffrey French, B.Sc.	-	1946
Webbling, Donald D'Arcy, B.Sc.	-	1950	Whillas, Jean Kathleen, M.A.	-	1952
M.B., B.S.	-	1955	Whitburn, Jack, B.A.	-	1931
Webster, Raymond Murray, B.Sc.	-	1938	◊White, Alan Hubert, M.B., B.S.	-	1921
Webster, Stanley George, M.B., B.S.	-	1951	White, Allan James Risely, B.Sc.	-	1952
Webster, Wilfred Grant, B.Sc.	-	1949	White, Anthony Hopper, B.Sc.	-	1951
Weetman, Alan Russell, M.B., B.S.	-	1951	White, Brian Ross, B.Sc.	-	1947
Wegener, Clemens Frederick, B.Sc.	-	1949	†White, Elizabeth Alice, B.A.	-	1956
Wegener, Richard Albert, B.E.	-	1948	White, Francis Richard, B.D.S.	-	1950
Weidenbach, Neil, B.Sc.	-	1954	White, Hedley John, B.E.	-	1950
Weir, Isobel, B.A.	-	1914	White, Helena Victoria, B.A.	-	1934
Weiss, Alan Austin, Ph.D.	-	1955	White, Henry Douglas, B.A.	-	1943
Weiss, Donald Eric, B.Sc.	-	1945	White, James Michael, LL.B.	-	1951
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	-	1941	B.A.	-	1956
Welbourn, Alan Egerton, B.E.	-	1937	White, Joan Hazel, M.B., B.S.	-	1935
Welbourn, Barbara Egerton, B.Sc.	-	1941	White, John Baron, B.E.	-	1949
Welbourn, Eleanor Egerton, B.A.	-	1948	†White, Joseph Charles, B.Ec.	-	1955
Welch, Arthur Walter Sydney James, M.B., B.S.	-	1923	White, Joyce Winifred, B.A.	-	1945
Welch, Frank Edison, M.B., B.S.	-	1936	White, Kenneth Elsdon, B.E.	-	1948
Welch, Horace Henry Eric, B.E.	-	1938	†White, Leeson Desmond, B.E.	-	1957
Welch, Howard Walter, M.B., B.S.	-	1954	†White, Maureen Therese, B.Sc.	-	1956
Weld, Elizabeth Eleanor, M.B. (Mel- bourne, 1901)	-	1901	†White, Michael Leonard, B.E.	-	1956
Wellby, Maurice Lindsay, M.Sc.	-	1954	White (nee Healy), Nora Kate, B.A.	-	1939
Weller, Raymond Alfred, B.Sc.	-	1948	White, Phyllis, B.Sc. (Sydney, 1920)	-	1922
Wellington, Hugh Kennedy, B.E.	-	1948	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	-	1947
Wells, Barbara Gordon, M.B., B.S.	-	1951	White, Ray Baron, B.E.	-	1942
Wells, Cedric Bayford, B.Ag.Sc.	-	1951	White, Rodney Gordon, M.B., B.S.	-	1949
Wells, Clarence Gordon, M.B., B.S.	-	1921	White, Ruth Baron, B.Sc.	-	1942
Wells, Elizabeth Anne, B.A.	-	1949	White, Stanley Noel, B.A.	-	1953
Wells, Elizabeth Wynne, B.A.	-	1934	White, Wilfred Allan, B.Ec.	-	1942
Wells, Margaret Suzanne, B.A.	-	1953	White, Wilfred Carlstan Jurs, B.Sc.	-	1948
Wells, William Andrew Noye, LL.B.	-	1945	◊White, William John, M.E.	-	1920
Welsh, James Oglesby, B.A.	-	1948	White, William Richard Bolitho, B.E.	-	1932
Wemyss, Eleanor Evelyn Beatrice, M.A.	-	1924	Whitehead, Millicent Alma, B.A.	-	1949
Wenham, Muriel, B.A.	-	1954	Whitehouse, Joseph Chenoweth, M.B., B.S.	-	1953
†Wennerhom, Alan John, B.Sc.	-	1956	Whitelaw, Albert James, B.Sc.	-	1929
Were, John Owen, B.A.	-	1933	B.A.	-	1937
Wesley Smith, Henry Elliott, B.A.	-	1936	Whitford, Desmond Joseph, B.E.	-	1953
Wesslink, Philip Murdoch, B.D.S. (Syd- ney, 1926)	-	1949	Whitford, Patricia Mary, B.A.	-	1940
†West, Alan William, LL.B.	-	1957	Whitford, Raymond Frank, M.B., B.S.	-	1953
West, Arthur George Bainbridge, M.A. (Oxford, 1892)	-	1897	Whiting, Clyde Taylor, B.A.	-	1931
West, Bruce Oswald, Ph.D.	-	1954	Whiting, Peter Arthur, B.Sc.	-	1953
West, Doris Marjorie, B.A.	-	1921	Whittington, Anne, B.A.	-	1950
West, Eric Stodden, B.Sc.	-	1921	◊Whittington, Bertram, B.Sc.	-	1899
West, Esmond Frank, M.B., B.S.	-	1922	B.E.	-	1913
West, Gordon Roy, B.Sc.	-	1904	Whittington, Joan, B.A.	-	1933
M.B., B.S.	-	1908	Whittington, Louis Arnold, LL.B.	-	1911
West, John Burnard, M.B., B.S.	-	1952	Whittington, Richard Smallpiece, LL.B.	-	1935
West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.)	-	1914	Whitman, Gerald Caleb, B.Sc.	-	1952
West, Leonard Roy, M.B., B.S.	-	1934	Whittle, Alick William Green, M.Sc.	-	1948
West, Reginald Arthur, M.A.	-	1905	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, Frankinna 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.	-	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
Whalan, Lionel Walter, B.A.	-	1948	M.B., B.S.	-	1914
Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	-	1945	†Wibberley, David John, M.B., B.S.	-	1956
Wheatley, Frederick William, B.A.	-	1904	Wibberley, Hermia Mary, B.A.	-	1941
D.Sc.	-	1913	Wibberley, Judith, B.A.	-	1952
†Wheaton, Geoffrey Brendan, B.E.	-	1956	Wickett, Harold Clarence, M.Sc.	-	1946
◊Deceased.			Wicks, Frederick Ralph, M.B., B.S.	-	1923
			Wicks, Graham Ralph, M.B., B.S.	-	1954
			Wicks, Norman Stephen Price, M.B., B.S.	-	1947
			Wien-Smith, Geoffrey, M.B., B.S.	-	1915
			Wiesner, Clarence Jack, B.Sc.	-	1935
			†Not yet Members of the Senate.		

Wigan, Leonard James Cleveland, B.E.	1921	Willoughby, Roger George, M.D.S.	- - 1953
Wigg, Neil Thornburn Melrose, M.B., B.S.	- - - - 1925	Wills, Caroline Marie Agnew, B.A.	- - 1951
Wigg, Ronald Melrose, M.E.	- - - - 1945	Wills, Lindsay Arthur, B.A.	- - - - 1953
Wight, Albert James, B.E.	- - - - 1936	Willsmore, Elsie Victoria, Mus.Bac.	- - 1918
Wight, Albert Raymond, B.E.	- - - - 1914	Willsmore, Hurtle Binks, B.Sc.	- - - - 1916
Wight, Hillier Clement, B.E.	- - - - 1933	Wilmshurst, Maurice George, B.A.	- - - - 1934
Wight, Hugh Humphrey, B.Sc.	- - - - 1929	Wilson, Allan Fraser, M.Sc.	- - - - 1947
M.E.	- - - - 1937	†Wilson, Avis Jean, B.Sc.	- - - - 1956
Wighton, Dugald Craven, M.B., B.S.	1953	Wilson, Brenda Ruth, B.A.	- - - - 1950
Wighton, Helen Craven, B.A.	- - - - 1938	Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899)	- - - - 1900
Wighton (nee Blackburn), Rosemary Neville, B.A.	- - - - 1945	Wilson, Charles Graham, M.B., B.S.	- - 1947
Wignall, Douglas Ronald, B.A.	- - - - 1948	Wilson, Colin Leslie, B.Sc. (Eng.)	- - 1944
Wilcher, Lewis Charles, B.A.	- - - - 1929	Wilson, Dennis de Courcy, M.B., B.S.	- - 1949
Wildy, Ralph Alderman, B.E.	- - - - 1938	Wilson, Derek Finlay, LL.B.	- - - - 1936
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	- - - - 1951	Wilson, Doris May, B.A.	- - - - 1938
Wilhelm, Walter Gerhard, B.E.	- - - - 1953	Wilson, Edward Peter, M.B., B.S.	- - 1951
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - 1948	Wilson, Gordon Samuel, B.Sc. (Eng.)	- - 1944
Wilkins, Ray Eber, B.A.	- - - - 1948	*Wilson, Harry Max, B.D.S.	- - - - 1928
Wilkinson, Donald Cameron, B.A.	- - 1952	†Wilson, Helen Margaret, B.Sc.	- - - - 1957
Wilkinson, Graham Neil, B.Sc.	- - 1953	†Wilson, Ian Bonython Cameron, LL.B.	- - 1955
Wilkinson, Harold Callan, B.E.	- - 1931	†Wilson, Ian Stewart, B.Sc.	- - 1957
Wilkinson, Herbert John, B.A.	- - - - 1914	Wilson, Jack Woodrow, B.Sc.	- - - - 1936
M.D. (Sydney, 1930)	- - - - 1934	Wilson, James Beith, B.A.	- - - - 1898
Wilkinson, Philomena Mary, B.A.	- - - - 1949	Wilson, John Grenell, M.B., B.S.	- - 1949
Wilkinson, Robert Stuart, M.B., B.S.	- - 1939	Wilson, John Stewart, M.B., B.S.	- - 1952
Wilkinson, Stewart Rex, B.A.	- - - - 1950	Wilson, Keith Cameron, LL.B.	- - - - 1922
Wilkinson, Thomas Lancelot, B.Sc.	- - 1925	Wilson, Keith John, M.B., B.S.	- - 1952
Wilksch, Betty Ruth, B.A.	- - - - 1949	Wilson, Laurence Algernon, M.B., B.S.	- - 1918
Willcocks, Robert Douglas, B.Sc.	- - 1951	†Wilson, Laurence Leigh, M.B., B.S.	- - 1956
Williams, Arthur Charles, B.Sc.	- - 1950	Wilson, Luther Ernest Crosby, B.Sc. M.A.	- - - - 1932
Williams, Arthur Evan, M.B., B.S.	- - 1914	Wilson, Mollie Jean, LL.B.	- - - - 1935
Williams, Bruce Rodda, M.A.	- - 1944	†Wilson, Nicholas Michael, B.A.	- - 1955
Williams, Caroline Margaret, B.A.	- - 1915	Wilson, Robert Bruce, B.Sc.	- - - - 1950
Williams, Christobel Mary, B.Sc.	- - 1945	Wilson, Robert Kevin, M.B., B.S.	- - 1937
Williams, Colin Hale, M.Sc.	- - - - 1948	*Wilson, Sir Thomas George, M.D. (Sydney, 1904)	- - - - 1904
Williams, Donald Carter, B.A.	- - - - 1933	Wilson, Valerie Joy, B.A.	- - - - 1952
LL.B.	- - - - 1935	Wilson, William Fraser, B.Sc.	- - - - 1943
Williams, Donald Newbery, B.D.S.	- - 1954	Wilton, Alexander Cockburn, M.B., B.S.	- - - - 1911
Williams, Dorothy Theresia, B.A.	- - 1935	Wilton, Dorothy Clyve, B.Sc.	- - - - 1940
Williams, Eirene Mary, B.A.	- - 1907	Wilton, John Barrett, B.Sc.	- - - - 1950
Williams, Garth David, B.Sc.	- - 1948	Wincey, Cynthia Weaver, B.Sc.	- - 1949
Williams, George Esson Keith, M.A.	- - 1947	Winch, Kenneth Varley, B.E.	- - - - 1952
Williams, George Mervyn, B.Sc.	- - 1953	Windle, Doris Sophia, B.A.	- - - - 1941
Williams, Harold Richard Michael, LL.B.	- - - - 1953	Winkler, Arthur Edmund, B.Sc. (Eng.)	- - 1943
†Williams, Horton Clement, LL.B.	- - 1956	Winnall, Nancy Eleanor, B.Sc.	- - 1919
Williams, Joan Beatrice, B.A.	- - 1948	†Winter, Beatrice Erwine, B.A.	- - - - 1955
†Williams, Kenneth Douglas, B.Ec.	- - 1955	Winter, Karl Berthold, M.B., B.S.	- - 1942
Williams, Lindsay Hale, LL.B.	- - 1945	Winter, William Graham, B.Sc.	- - 1938
Williams, Mabel Evangeline, M.A.	- - 1916	Winton, Berna Kathleen, B.A.	- - - - 1953
Williams, Monica Houghton, B.Sc.	- - 1951	Winwood, William Weston, B.E.	- - - - 1926
Williams, Philip Glenly, B.A.	- - 1941	†Winzor, Donald John, B.Sc.	- - - - 1956
Williams, Phillip Mark, B.E.	- - 1951	Winzor Frank Lovelock, D.Sc.	- - - - 1935
Williams, Ralph, B.Sc.	- - - - 1914	Wissell, Stewart Gordon, B.A.	- - - - 1949
†Williams, Rosemary, B.Sc.	- - - - 1956	Witt, Erik Hans, B.E.	- - - - 1929
Williams, Roy Ernest, M.Sc.	- - - - 1953	Wittenoom, Robert Horne, M.B., B.S.	- - 1954
Williams, Robert Francis, D.Sc. (M.Sc., 1934)	- - - - 1957	Wittwer, Ivan Donald, B.A.	- - - - 1951
Williams (nee Hotten), Roma Olive, B.A.	- - - - 1941	Woithe, William Henry, B.E.	- - - - 1936
Williams, Spencer, M.A.	- - - - 1930	†Wollaston, Elise Margareta, B.Sc.	- - 1955
†Williams, Vivienne June, B.Sc.	- - 1955	Wollaston, Jocelyn Mary, B.Sc.	- - - - 1950
Williams, Walter Leslie, B.A.	- - 1940	†Wollaston, Terence Cornthwaite, B.E.	- - 1956
Williams, Zena Vera, B.A.	- - 1940	Womersley, Hugh Brian Spencer, Ph.D.	- - 1952
Williamson, Arthur Edward, B.E.	- - 1953	Womersley, John Spencer, B.Sc.	- - 1945
Williamson, David Aubrey, M.B., B.S.	- - 1951	Wong, Peter Chee Nam, M.B., B.S.	- - 1952
†Williamson, Geoffrey Lea, B.Sc.	- - 1956	Wood, Alistair Edward Rose, B.E.	- - 1954
†Williamson, Hugh Angus, LL.B.	- - 1955	Wood, Allen Edwin, B.A.	- - - - 1944
B.A.	- - - - 1956	Wood, Colin James, B.A.	- - - - 1950
Willing, Charles Eric, M.B., B.S.	- - 1928	Wood, Florence Catherine, B.A.	- - 1938
Willing, Richard Lyall, M.B., B.S.	- - 1954	Wood, Gordon Leslie, M.A. (Tasmania, 1922)	- - 1922
†Willington, Clayton Louis, M.B., B.S.	- - 1955	Wood, Henry Lambert, M.Sc. (B.Sc., Qsld.)	- - 1941
Willington, John Mattinson, B.E.	- - 1951	Wood, Joseph Garnett, D.Sc.	- - - - 1933
Willington, Lloyd Stanley, B.A.	- - 1950	Wood, Judith Ann, B.A.	- - - - 1950
Willis, John, B.A. (Melbourne)	- - 1952	Wood, Murtage Couch, M.A. (Oxford, 1880)	- - - - 1888
Willmott, Josiah Percival, B.Sc.	- - 1907	Wood, Murray Bowering, M.B., B.S.	- - 1939
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	- - - - 1947	Wood, Philip Barclay, Mus.Bac.	- - 1938

*Deceased.

†Not yet Members of the Senate.

†Wood, Rosemary Anne, B.A. - - -	1955	Wylie, John Richard, B.Sc. - - -	1951
Woodard, Charles Ernest, B.A. - - -	1933	Wyllie, Geoffrey Gurner, M.B., B.S. - -	1946
Woodard, Charles Garrard, LL.B. - - -	1952	†Wyllie, Robert Gurner, M.B., B.S. - -	1955
Woodard, Geoffrey Davidson, M.Sc. - - -	1954	Wymond, Alonzo Pearse, M.Sc. - - -	1951
Woodger, Gwenneth Godwin, LL.B. - - -	1941	Wynes, William Anstey, LL.D. - - -	1933
Woodham, Barbara Elizabeth, B.A. - - -	1941	Wyndham, Robert Alexander, B.Sc. -	
Woodhouse, Lawrence Ralph, B.Sc. - - -	1954	(Sydney, 1934) - - - - -	1938
Woodhouse, Roy, LL.B. - - - - -	1950		
Woodman, Stanley Kenneth, B.E. - - - -	1934		
Woodroffe, Keith, B.Ag.Sc. - - - - -	1937		
Woodroffe, Gwendolyn Marion, M.Sc. - - -	1944		
Woodroffe, Kathleen, M.A. - - - - -	1948		
Woodruff, Philip Scott, M.D. (Mel-			
bourne, 1939) - - - - -	1957		
†Woods, Arthur Frederick, M.B., B.S. - - -	1957		
Woods, Charles William Griffin, M.B.,			
B.S. - - - - -	1939		
Woods, Edward Burchell, B.A. (Lon-			
don, 1884) - - - - -	1921		
Woods, Julian Gordon Tenison, LL.B. - - -	1918		
Woods, Nelly Hooper, M.A. - - - - -	1930		
Woods, Richard Vyane, B.Sc. - - - - -	1947		
Woodward, Barbara, B.A. - - - - -	1944		
Woodward, Colin Holmes, B.E. - - - - -	1952		
Woodward, Oliver Gordon, B.Sc. - - - - -	1950		
Woolcock, Collin Elwyn, M.Sc. - - - - -	1945		
Woolcock, Rosslyn James, M.B., B.S. - - -	1927		
Woodriddle, Alan Frank, B.Sc. - - - - -	1947		
Woolnough, Geoffrey Lawrence, B.E. - - -	1929		
Woolnough, Harold, B.A. - - - - -	1906		
Woolnough, Walter George, D.Sc. - - - -			
(Sydney, 1904) - - - - -	1904		
†Worley, Donald Stuart, B.D.S. - - - - -	1956		
Worsnop, Elsie Madeline, M.A. - - - - -	1913		
Worthington, Charles Roy, Ph.D. - - - - -	1956		
Worthley, Boyce Wilson, M.Sc. - - - - -	1944		
B.A. - - - - -	1941		
Worthley, Seymour Richard, M.Sc. - - - - -	1945		
Wright, Angus Stanley, B.Sc. - - - - -	1933		
Wright, Charlotte Elizabeth Arabella,			
B.A. - - - - -	1888		
†Wright, Donald Ian, B.A. - - - - -	1956		
Wright, Edna May, B.A. - - - - -	1933		
Wright, George Andrew, B.A. - - - - -	1954		
Wright, George Hubert, B.A. - - - - -	1906		
Wright, John Frederick, LL.B. - - - - -	1953		
Wright, Leslie McLean, LL.B. - - - - -	1935		
Wright, Lewis Garner, LL.B. - - - - -	1891		
†Wright, Lyle Mason, B.Sc. - - - - -	1956		
Wright, Norman Harvey, B.A. - - - - -	1927		
Wright, Robert Errol, B.Sc. - - - - -	1950		
Wright, Robert John, B.Sc. (Eng.) - - - -	1949		
Wright, Russell Francis, B.E. - - - - -	1953		
†Wurfel, Lois Jessie, M.B., B.S. - - - - -	1955		
Wurm, Bertram Eric, M.B., B.S. - - - - -	1920		
Wurm, Roger Sinclair, M.B., B.S. - - - -	1947		
	* Deceased.	† Not yet Members of the Senate.	

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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.			
Adam, Elizabeth Anderson, Mathematics		Tregonning, Kennedy Gordon Philip,	
and Philosophy II (ii) - - - - -	1950	Political Science and History I - - -	1950
Ellis, Charlotte, Political Science and		Blackburn, Margaret Alison, French Lan-	
History II (ii) - - - - -	1950	guage and Literature II (i) - - -	1951
Felgenhaur, Robert Frederick, B.A.,		Blair, Ruth Margaret, Economics II (ii)	1951
English Language and Literature I - - -	1950	Clift, Lawrence Henry Marcus, English	
Gilbert, Ronald Sunter, Economics II (i)	1950	Language and Literature II (ii) - - -	1951
Hart, Mary Margaret, Political Science		Forbes, Alexander James de Burgh,	
and History II (i) - - - - -	1950	Political Science and History I - - -	1951
Haynes, James Dalrymple, Political		Gilbertson, Nannette, English Language	
Science and History II (ii) - - - - -	1950	and Literature I - - - - -	1951
Paech, Bernice Mary, Political Science		Hetherington, Robert, Political Science	
and History II (i) - - - - -	1950	and History II (i) - - - - -	1951
Roder, John Herbert, English Language		Nilsson, Neil Alfred, Philosophy II (i) -	1951
and Literature II (ii) - - - - -	1950	Rendell, Margaret Patricia, Political	
Slee, Ian Bruce, English Language and		Science and History I - - - - -	1951
Literature II (ii) - - - - -	1950	Ross, Nadeen Adree, Political Science	
		and History II (i) - - - - -	1951

Selth, Geoffrey Poole, French Language and Literature I - - - - -	1951	Medwell, John Gordon, B.A., Economics II (i) - - - - -	1955
Strahan, Anthony William, B.A., English Language and Literature II (i) - - - - -	1951	Mills, Bessie Heather, B.A., English Language and Literature II (ii) - - - - -	1955
Turner, Constance Mary, English Language and Literature II (i) - - - - -	1951	Muecke, Ian Donald, English Language and Literature II (ii) - - - - -	1955
Wills, Caroline Marie Agnew, English Language and Literature I - - - - -	1951	Nerlich, Graham Charles, English Language and Literature and Philosophy II (i) - - - - -	1955
Ashwin, Charles Robin, Political Science and History I - - - - -	1952	Ng, Linn Timn, B.A., History and Political Science III - - - - -	1955
Diamond, Arthur Ian, Political Science and History II (i) - - - - -	1952	Smith, Richard Waldemar Law, History and Political Science II (i) - - - - -	1955
Gilding, Kevin Rex, English Language and Literature III - - - - -	1952	Waterhouse, George Saville, English Language and Literature II (i) - - - - -	1955
Johnson, Margaret Isobel, French Language and Literature I - - - - -	1952	Wilson, Nicholas Michael, Classics III	1955
Lewis, Robert Brook, B.Sc., Economics I	1952	Wood, Rosemary Anne, English Language and Literature and History II (ii) - - - - -	1955
McKinnon, Heather Campbell, English Language and Literature II (i) - - - - -	1952	Barrett, Harold John, History and Political Science I - - - - -	1956
Mills, John Murray, French Language and Literature I - - - - -	1952	Buttrose, Stroma, Geography II (ii) - - - - -	1956
Naughtin, Patrick Chanel, B.A., English Language and Literature II (ii) - - - - -	1952	Cornell, Philippa Sinclair, French Language and Literature I - - - - -	1956
Whyte, Jean Primrose, English Language and Literature I - - - - -	1952	Jolly, Erica Annette, History and Political Science II (ii) - - - - -	1956
Whyte, Phyllis Primrose, English Language and Literature II (i) - - - - -	1952	LePage, Patricia Nadeane, Geography II (i) - - - - -	1956
Young, Aileen, English Language and Literature II (ii) - - - - -	1952	McGill, Ian Keith, German I - - - - -	1956
Ellis, Brian David, B.Sc., Philosophy I	1953	Mitchell, Zonne Marion, English Language and Literature III (i) - - - - -	1956
Goodenough, Warwick William, English Language and Literature II (i) - - - - -	1953	Moore, Robert Clifton, History and Political Science I - - - - -	1956
Greet, Frank Hamilton, English Language and Literature III - - - - -	1953	Pocock, Edward Robert, History and Political Science I - - - - -	1956
Hayward, Thomas Ronald, B.Ec., Political Science and History II (i) - - - - -	1953	Pridham, Geoffrey Jasper, B.A., LL.B., Geography II (i) - - - - -	1956
Reid, Robert Leighton, Political Science and History II (i) - - - - -	1953	Robertson, Margaret Jean, English Language and Literature I - - - - -	1956
Sutton, Laura Margaret, Economics II (ii) - - - - -	1953	Schneider, Michael Philip, B.A., History and Political Science II (i) - - - - -	1956
Tregenza, John Miller, English Language and Literature II (i) - - - - -	1953	Walsh, Elizabeth Jan, English Language and Literature II (i) - - - - -	1956
Wadhams, Elizabeth Jean, Political Science and History II (i) - - - - -	1953	Williamson, Hugh Angus, LL.B., English Language and Literature and Philosophy II (ii) - - - - -	1956
Lawrence, Robert John, History and Political Science I - - - - -	1953	Chalklen, Roland John, B.A., English Language and Literature II (ii) - - - - -	1957
Cleland, James Lindsay, Political Science and History II (ii) - - - - -	1954	Cross, Jack, History II (i) - - - - -	1957
Gilding, Gwendoline Fay, B.A., Geography I - - - - -	1954	Greet, Raymond James, Politics II (i) - - - - -	1957
Laycock, Margaret, French Language and Literature II (i) - - - - -	1954	Grenfell, Ian Henry, English Language and Literature II (i) - - - - -	1957
Lyon, Malcolm Elliot, French Language and Literature II (i) - - - - -	1954	Hambly, Peter Sutherland, French Language and Literature I - - - - -	1957
Richardson, Ruth Mary Desmond, Political Science and History II (ii) - - - - -	1954	Higgins, John William, History III - - - - -	1957
Antonisz, Matthew Wilfred, History and Political Science II (ii) - - - - -	1955	Horvat, Leon, B.A., German II (ii) - - - - -	1957
Bennier, Margaret Mary Caroline	1955	Mitchell, Terrence John, History II (i)	1957
Geography II (i) - - - - -	1955	Mune, Marie Elizabeth, B.A., History II (i) - - - - -	1957
Bowen, Keith Russell, History and Political Science II (i) - - - - -	1955	Ohlstrom, Leonore Anne, B.A., German II (i) - - - - -	1957
Campbell, Archibald Duncan, History and Political Science II (i) - - - - -	1955	Sasse, Hans Christopher, English Language and Literature II (ii) - - - - -	1957
Dodwell, David, English Language and Literature II (i) - - - - -	1955	Smith, Barry Whitmore, B.A., Philosophy I - - - - -	1957
Meaney, Neville Kingsley, History and Political Science II (i) - - - - -	1955	Watson, Graeme Douglas, French Language and Literature and German I - - - - -	1957

HONOURS DEGREE OF BACHELOR OF ECONOMICS. (INSTITUTED 1930.)

Vawser, Noel Keith, II - - - - -	1947	Hill, Malcolm Robert, I - - - - -	1952
Bailey, Alan Paterson, II - - - - -	1948	Penny, David Harry, I - - - - -	1952
Hirst, Ronald Robert, B.Ec., I - - - - -	1948	Gibbs, Graham Rossiter, II (ii) - - - - -	1953
Stalley, Douglas John, B.Ec., II - - - - -	1948	Griggs, Robert Leslie, B.Ec., I - - - - -	1953
Cameron, Roy James, B.Ec., I - - - - -	1949	Hodan, Miroslav, B.Ec. II (i) - - - - -	1954
Hieser, Ronald Oswald, I - - - - -	1949	Sharp, Warren Player, II (i) - - - - -	1954
Howard, Donald William Digby, II - - - - -	1949	Dudzinski, Miroslav Leonard, IIB - - - - -	1955
Boehm, Ernst Arthur, I - - - - -	1950	Head, John Graeme, B.Ec., I - - - - -	1955
Grant, John McBain, I - - - - -	1950	Ashcroft, John, B.Ec., II (ii) - - - - -	1957
Raftery, George Aldborough, II (i) - - - - -	1950	Evans, David Wyke, I - - - - -	1957
Smith, Adrian Milton, I - - - - -	1950	Heinrich, Harold Gordon, B.Ec., I - - - - -	1957
O'Donohue, Raymond Francis, III - - - - -	1951	Menadue, John Laurence, B.Ec., II (i) - - - - -	1957
Sturme, Stanley George, I - - - - -	1951	Robless, Cosmas Linus, B.Ec., II (i) - - - - -	1957
		Tuckwell, Roger Hamilton, B.Ec., I - - - - -	1957

HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)	
For previous Lists, see Calendars from 1918.	
Andrews, Murray William, Physics I -	1950
Appleby, Cyril Angus, Biochemistry IIA	1950
Coldrake, John Edward, Botany I -	1950
Colville, John Stuart, Physics IIA -	1950
Darragh, Peter John, Geology IIB -	1950
Dolling, Eleanor Ngaire, Geology I -	1950
Hine, Denise Charlotte, Biochemistry I	1950
Hocking, Colin Stanley, Chemistry I -	1950
Hone, Michael Raymond, Anatomy IIB -	1950
Howard, Peter Felix, Geology I -	1950
Lewis, David Gray, Chemistry IIB -	1950
Lynn, Kenneth Roy, Chemistry I -	1950
McKay, Maureen Gordon, Chemistry IIA	1950
May, Lancelot Harris, Botany I -	1950
Miles, Perry Ambrose, Physics IIA -	1950
Mumme, Ivan Albert, Geology IIA -	1950
Nicholls, Colin Herbert, Chemistry I -	1950
Parkinson, Kevin John, Geology IIA -	1950
Radoslovich, Edward William, Physics I	1950
Shannon, James Stanley, Chemistry I -	1950
Spry, Alan Herbert, Geology I -	1950
Stevenson, Donald George, Physics I -	1950
Thomas, John Angus, Physics I -	1950
Wilson, Robert Bruce, Geology I -	1950
Wincey, Cynthia Weaver, Biochemistry IIA	1950
Wymond, Alonzo Pearse, Geology IIA	1950
Beecham, Anthony Frank, Chemistry I -	1951
Brasch, Leonard William, Chemistry IIA	1951
Chartres, Bruce Aylwin, Physics IIA	1951
Chittleborough, Robert Graham, Zoology I -	1951
Davies, Rodney Deane, Physics IIB -	1951
Ellis, Brian David, Physics IIB -	1951
Hopkins, Brian McDonald, Economic Geology IIB -	1951
Howard, Rex Trowbridge, Chemistry IIA	1951
Jeffery, Margaret Wyn, Botany IIA -	1951
Johnson, Keith Douglas, Physiology IIA	1951
Lewis, Graham Ethelbert, Chemistry I -	1951
Lewis, Sylvia Hilda, Zoology IIA -	1951
Liddy, Desmond Terence, Physics I -	1951
Meanev, Maxwell Francis, Chemistry IIB	1951
Medlin, Edwin Harry, Physics I -	1951
Michael, James Henry, Mathematics I	1951
Morris, Kerwin William, Mathematics IIA -	1951
Parker, Murray Harold, Physics IIB -	1951
Seidler, Jan Hynek, Chemistry I -	1951
Skinner, Brian John, Economic Geology I -	1951
Tester, Donald Kenneth, Economic Geology IIB -	1951
Thomson, Bruce James, Chemistry IIA	1951
Urwin, Jack Robson, Chemistry I -	1951
Weiss, Alan Austin, Physics I -	1951
Wellby, Maurice Lindsay, Biochemistry IIB -	1951
Wilton, John Barrett, Chemistry I -	1951
Worthington, Charles Roy, Physics IIA -	1951
Ziesing, George Murray, Physics I -	1951
Angley, Ronald James, B.Sc., Physics IIB	1952
Brett, Horace William Walter, B.Sc., Chemistry I -	1952
Bunney, Bronte Rowland, B.Sc., Physics IIA -	1952
Clendinnen, Ian Jeffrey, B.Sc. Physics IIB -	1952
Denby, Ernest Frank, B.Sc., Physics I -	1952
Duncan, Robert Allan, B.Sc., Physics I	1952
Galvin, Leola Beth, B.Sc., Zoology IIB	1952
Goodwin, Geoffrey Leonard, B.Sc., Physics IIA	1952
Harms, John Eric, B.Sc., Economic Geology IIA -	1952
Kaewbaidhoon, Sa-ngob, Economic Geology IIA -	1952
McCarthy, Ian John, B.Sc., Chemistry I	1952
Rayson, Patricia, B.Sc., Botany IIA	1952
Reynolds, Maxwell Andrew, B.Sc., Geology I -	1952
Rowley, Rex Cameron, B.Sc., Economic Geology IIA -	1952
Sanderson, John Gavin, B.Sc., Mathematics IIA -	1952
Simons, Arthur Nicholas, B.Sc., Chemistry I -	1952
Spencer, Leslie Brian, B.Sc., Chemistry I -	1952
Baker, Irvine Noel, Mathematics I -	1953
Brown, Roger Norman, B.Sc., Physics IIB -	1953
Buttery, Ronald Gordon, B.Sc., Chemistry I -	1953
Catchpole, John Roger, B.Sc., Physics IIB -	1953
Daily, Brian, B.Sc., Geology IIA -	1953
Dunlop, Colin Wesley, B.Sc., Physiology I -	1953
Forbes, Bryan George, B.Sc., Geology I	1953
Hall, Barbara Isabelle Herbert, B.Sc., Physics I -	1953
Hobden, Joan Frances, B.Sc., Chemistry I -	1953
Hunt, Arnold Leighton, B.Sc., Biochemistry I -	1953
Ladd, Jeffrey Norman, B.Sc., Biochemistry I -	1953
Leslie, Robert Bradshaw, B.Sc., Geology I -	1953
McCarthy, Ian Ellery, B.Sc., Physics I	1953
Macklin, William Charles, B.Sc., Physics IIA -	1953
Martin, Keith George, B.Sc., Chemistry IIA -	1953
Martin, Peter Gordon, Genetics I -	1953
Miller, Peter Geoffrey, B.Sc., Geology IIA -	1953
Milligan, Brian, B.Sc., Chemistry I -	1953
Pratten, Raymond Douglas, B.Sc., Geology IIA -	1953
Turner, Kevin James, B.Sc., Chemistry I	1953
Wade, Mary Julia, B.Sc., Geology I -	1953
Walker, Ian Saville, B.Sc., Chemistry I -	1953
Wheaton, Russell Norman, B.Sc., Physics IIA -	1953
Woodard, Geoffrey Davidson, B.Sc., Geology IIA -	1953
White, Allan James Risely, B.Sc., Geology I -	1953
Wilkinson, Graham Neil, Mathematics IIA -	1953
Best, Effie Deland, B.Sc., Physiology I -	1954
Chinner, Graham Alan, B.Sc., Geology and Mineralogy I -	1954
Christie, Basil James Frederick, B.Sc., Chemistry I -	1954
Duguid, Andrew Melville, Mathematics I -	1954
Elford, Malcolm Thomas, B.Sc., Physics I -	1954
Keech, Donald Bruce, B.Sc., Biochemistry I -	1954
Korytnyk, Wsewolod, B.Sc., Chemistry I -	1954
McGee, Colin Raymond, B.Sc., Physics IIA -	1954
McKelvie, Donald, B.Sc., Physics IIB -	1954
McLean, Ian Weymouth, B.Sc., Physics I -	1954
Milton, Bernard Eric, Physics IIA -	1954
Mullner, Judith Anne, B.Sc., Physiology IIB -	1954
Murray, Eric Lionel, B.Sc., Physics IIB	1954
Northey, Helen Louise, B.Sc., Chemistry I -	1954
Prest, David Harris, B.Sc., Physics IIA -	1954
Sasse, Wolfgang Hermann Fritz, B.Sc., Chemistry I -	1954
Smith, John Wilton, B.Sc., Physics IIB	1954
Stephens, John Felton, B.Sc., Chemistry IIA -	1954
Thompson, Malcolm James, B.Sc., Chemistry I -	1954

Tiller, Kevin George, B.Sc., Chemistry IIA	1954	LePage, Rex Newbury, B.Sc., Genetics IIA	1956
Brown, Judith Eileen, B.Sc., Botany IIA	1955	Lowke, John James, B.Sc., Physics I	1956
Grasso, Rosario, B.Sc., Geology IIA	1955	McDowall, Barry Patrick, B.Sc., Mathematical Physics I	1956
Hale, Robert Palmer, B.Sc., Physics I	1955	Murphy, William Hugh, B.Sc., Chemistry IIB	1956
Herath, Meewakkala Mudiyansele		Pilton, Phyllis Evelyn, B.Sc., Genetics IIB	1956
Jinadasa Willehad, Geology IIA	1955	Stacy, Margaret Ruth, B.Sc., Genetics IIA	1956
Kurucsev, Tomas, B.Sc., Chemistry I	1955	Sved, Marta, Mathematical Physics IIA	1956
Ling, John Kynaston, B.Sc., Zoology IIA	1955	Aylmore, Lance Arthur Graham, B.Sc., Physics IIB	1957
Lokan, Keith Henry, B.Sc., Physics IIA	1955	Brett, Peter Robin, B.Sc., Geology IIA	1957
McManus, John Bernard, B.Sc., Geology IIA	1955	Duncan, Andrew Kenneth, Mathematics I	1957
Mainstone, John Sydney, B.Sc., Physics IIB	1955	Fee, Warren William, B.Sc., Chemistry IIA	1957
Martin, Helene Alice, B.Sc., Botany IIA	1955	Forwood, Peter Strauss, B.Sc., Geology IIA	1957
Nogare, Ronald Raphael Dalle, B.Sc., Mathematical Physics I	1955	Gurr, Graham Edward, B.Sc., Physics IIB	1957
Ophel, Trevor Richard, Physics I	1955	Hawker, John Seth, B.Sc., Botany IIA	1957
Rogasch, Peter Edwin, B.Sc., Chemistry IIB	1955	Inman, Ross Banks, B.Sc., Chemistry I	1957
Sando, Margaret, Geology IIA	1955	Kimber, Ronald Walter Lincoln, B.Sc., Chemistry I	1957
Shepley, Estelle Ann, B.Sc., Botany IIA	1955	Koerber, Brian Walter, B.Sc., Physics IIA	1957
Treloar, Francis Edward, B.Sc., Chemistry IIA	1955	Kowanko, Nicholas, B.Sc., Chemistry I	1957
Burford, Robert Royce, B.Sc., Chemistry IIB	1956	McKellar, John Ralph, B.Sc., Chemistry IIA	1957
Burns, Erica Marian, B.Sc., Botany IIB	1956	Mickan, Erwin Laurence, B.Sc., Physics I	1957
Clark, Lesley Helen, B.Sc., Genetics IIB	1956	Mumme, William Gustav, B.Sc., Geology I	1957
Ericson, Leon Gordon, B.Sc., Physics I	1956	Nichol, Lawrence Walter, B.Sc., Chemistry I	1957
Fitzgerald, Anne Marie, B.Sc., Zoology IIB	1956	Risely, Barrie Grenville, B.Sc., Geology IIA	1957
Gemmell, Donald Stewart, B.Sc., Physics I	1956	Snoswell, Alan Marlow, B.Sc., Biochemistry I	1957
Gooden, John Ernest Alfred, B.Sc., Chemistry I	1956	Findall, Ronald Graham, B.Sc., Physics I	1957
Gould, Joseph Gordon, B.Sc., Biochemistry IIA	1956	Williamson, Geoffrey Lea, B.Sc., Physics IIB	1957
Joseph, Hapuarachige Don Austin Carlo, Geology IIB	1956	Winzor, Donald John, B.Sc., Chemistry I	1957
Kohlhagen, Myra Audrey, B.Sc., Physics I	1956		

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Allen, Murray William, Electrical I	1950	Assumpcao, Henrique Antonio d', Electrical I	1956
Bray, Andrew Mackie, Mechanical I	1950	Bogner, Robert Eugene, Electrical II	1956
Crisp, John Douglas Correll, Civil I	1950	Bosher, Peter Abel, B.E., Civil II	1956
Stapledon, Roger Johnson, B.E., Mechanical I	1950	Breynard, Keith Beaumont, Electrical II	1956
Taylor, Colin Stephen, B.E., Electrical II	1950	Chase, Brian Collison, Electrical I	1956
Brooks, Brian John, Mechanical I	1951	Craker, John Melville, B.Sc., Metallurgical and Chemical I	1956
Kleeman, Peter Wallace, Civil I	1951	Kaosai, Prachuap, Mining II	1956
Poole, Richard John, Electrical I	1951	Kiusalaas, Jaan, Civil II	1956
Bails, John Herbert, Mechanical I	1951	Luxton, Russell Estcourt, Mechanical II	1956
Dyer, James Ross, Mechanical I	1952	Matthew, Ian George, B.Sc., Metallurgical and Chemical I	1956
Hoeker, Robert John, Mechanical I	1952	Parbo, Arvi Hillar, Mining I	1956
Rose, Gordon Albert, Electrical I	1952	Possingham, Maxwell Leonard, Electrical I	1956
Broadbent, Henry Neil Gribble, B.E., Electrical II	1953	Richards, Brian Gordon, Civil I	1956
De Cean, Neil, B.E., Electrical I	1953	Smith, Roger, Electrical I	1956
Griffin, Donald Ward, B.E., Electrical I	1953	Staker, Robert, Metallurgical and Chemical I	1956
Murray, Noel William, B.E., Civil I	1953	Wadsworth, Bernard Francis Peter, Electrical II	1956
Rice, William Mitton, Electrical I	1953	Wollaston, Terence Cornthwaite, Electrical I	1956
Ross, Sydney George Frederick, B.E., Electrical II	1953	Beltrame, Gino Ernest, Mechanical II	1957
Hamdorf, Clifton John, B.E., Metallurgical and Chemical I	1954	Bowyer, Donald Albert, Mechanical II	1957
Hayward, John, B.E., Electrical I	1954	Butcher, Ian Robert, Electrical I	1957
Janardhan, Narienkadu Mohanarunga, Electrical II	1954	Edwards, Graham William, Mechanical II	1957
Opie, Alan James, B.E., Metallurgical and Chemical II	1954	Goodale, Peter Lewis, Mechanical I	1957
Broadfoot, Kenneth Davidson, B.E., Electrical II	1955	Green, Harry Edward, Electrical I	1957
Brown, Richard Archibald, B.E., Mechanical I	1955	Henderson, Ronald George, Electrical I	1957
Fowler, James Henry, B.E., Mechanical II	1955	Kwok, Hae Leong, Civil I	1957
Palmer, Raymond Amos, B.E., Mining I	1955	Lim, Kwang Hua, Electrical I	1957
Rodger, John Geoffrey, B.E., Electrical II	1955	Liu, Hua-an, Civil II	1957
Amey, Douglas John, Civil II	1956	Mercer, Donald James, Mechanical I	1957
		Nolte, Bryan Trevor, Electrical II	1957
		Robinson, John Walton, Electrical I	1957
		Tolmie, Ronald Philip, Electrical II	1957
		Waechter, Raymond Trevor, Electrical II	1957
		Westley, John French Hebbard, Mining I	1957

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

Kemp, Henry Kenneth, B.Ag.Sc. I - -	1935	Hayman, David Lindsay, Genetics I -	1953
Tiver, Newton Stanley, B.Ag.Sc. I -	1942	Brownell, Peter Ferguson, B.Ag.Sc. IIA	1954
Humphris, Francis Ross, B.Ag.Sc. II -	1946	Davidson, James Logie, B.Ag.Sc. IIA -	1954
Carter, Edward Diment, B.Ag.Sc. I -	1950	Oram, Rex Neville, B.Ag.Sc. IIA -	1954
Mavo, George Melrose Elton, B.Ag.Sc. I	1950	Jeevaratnam, Appapillai Jacob, IIA,	1955
Kleinig, Cyril Raymond, B.Ag.Sc. I -	1951	Michael, Peter William, B.Ag.Sc. IIA.	1955
Symon, David Eric, B.Ag.Sc. I - -	1951	Buttrose, Mark Sinclair, B.Ag.Sc. I -	1957
Carter, Maurice Vernon, B.Ag.Sc. IIA	1952	Sedgley, Ralph Harold, B.Ag.Sc. IIA -	1957
Possingham, John Victor, B.Ag.Sc. IIA	1952	Shepherd, Kenneth William, B.Ag.Sc. I	1957

HONOURS DEGREE OF BACHELOR OF LAWS

Wynes, William Anstey, LL.B. - - -	1931	Hunter, Brian Oswald, LL.B. - - -	1935
Bray, John Jefferson, LL.B. - - -	1933	Zelling, Howard Edgar, LL.B. - - -	1941
Hogarth, David Stirling, LL.B. - - -	1935		

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere -	1946	Gifford, Alfred Silva Harrill - - -	1919
Abbott, Herbert Lewis - - - - -	1933	Giles, Acland - - - - -	1905
Adcock, John Bartlett - - - - -	1931	Gillman, Joseph Fisher - - - - -	1921
Alderman, Henry Graham - - - - -	1917	Goldsworthy, Napier Lytton - - - -	1949
Alderman, John Kevin - - - - -	1938	Goldsworthy, Spencer Gordon - - -	1918
Alderman, John Robinson - - - - -	1950	Goldsworthy, William Beazley - - -	1903
Andrews, Walter Frederick - - - -	1888	Goode, David Russell - - - - -	1949
Ashton, Edward James Wilberforce -	1896	Goode, Evan Anderson - - - - -	1926
Ashton, Thomas Edward - - - - -	1941	Gordon, Leslie Kenneth - - - - -	1947
Astley, Michael John - - - - -	1950	Grubb, Roy William - - - - -	1949
Atkinson, Alfred Harris Owst - - -	1900	Gun, Clement Townsend - - - - -	1920
Badger, Magnus - - - - -	1918	Gun, John Townsend - - - - -	1953
Bakewell, William Kenneth - - - -	1908	Gun, Lloyd Townsend - - - - -	1949
Beerworth, William Carl - - - - -	1932	Gwynne, Ilsted Gordon - - - - -	1891
Bennett, Henry Trevor - - - - -	1949	Hague, Percy - - - - -	1897
Berry, George Augustus - - - - -	1887	Hall, Robert Fishburn - - - - -	1936
Boucaut, Douglas le Rey - - - - -	1927	Harders, Clarence Waldemar - - -	1943
Boucaut, George Hiles - - - - -	1906	Hardy, John Scott - - - - -	1926
Boucaut, Ian Penn - - - - -	1930	Harford, Basil Beverley - - - - -	1928
Brebner, Charles Ross - - - - -	1953	Hargrave, Charles Townshend - - -	1904
Bright, William Stuart - - - - -	1904	Hargrave, Joshua Addison - - - -	1890
Buttrose, Murray - - - - -	1927	Hargrave, Lancelot Morton Spiller -	1921
Carme, Alfred George - - - - -	1931	Harry, Richard Varley - - - - -	1937
Cheek, Reginald Heithersay - - - -	1921	Hay, Frederick Dean - - - - -	1934
Ciberas, Stasys - - - - -	1956	Hayward, Cedric Charlie - - - - -	1923
Claridge, Philip James - - - - -	1947	Healy, Kevin John Bernard - - - -	1915
Clark, John Osborne - - - - -	1935	Heseltine, Samuel Richard - - - -	1903
Clarke, Laurence Eric - - - - -	1920	Heuzenroeder, Rudolph Hermann - -	1913
Cleland, Peter Fullerton - - - - -	1939	Heuzenroeder, William Ritter - - -	1929
Cleland, Thomas Erskine - - - - -	1919	Hill, Henry Richard - - - - -	1887
Cocks, Arthur Wellesley - - - - -	1936	Hilton, Keith Denyer - - - - -	1947
Collins, Deau Francis - - - - -	1947	Hodby, Herbert Charles - - - - -	1922
Collison, Frank Lloyd - - - - -	1926	Holland, George Harold - - - - -	1920
Colquhoun, Colin Roy - - - - -	1928	Holland, William Corin - - - - -	1909
Coventry, Charles James - - - - -	1911	Homburg, Hermann - - - - -	1896
Cresswell, George Edwin - - - - -	1929	Homburg, John Hamilton - - - - -	1939
Cutlack, Peter Robert - - - - -	1926	Homburg, Renolf - - - - -	1929
Daly, Kevin Joseph - - - - -	1943	Homburg, Robert - - - - -	1897
Davenport, Arthur Vernon - - - - -	1916	Humby, Rexton James - - - - -	1943
Davey, John Ryan - - - - -	1938	Hunt, William Robert - - - - -	1919
Davey, Robert Shannon - - - - -	1915	Hutchison, Charles Vernon Stuart -	1937
Davies, Cecil Ernest - - - - -	1923	Innis, Kenneth Norman - - - - -	1925
Davis, Raymond William - - - - -	1934	Jacobs, Samuel Joshua - - - - -	1946
Davison, John Hubert Hawdon - - -	1908	James, Alfred Charles - - - - -	1899
Davoren, Michael Dominic - - - - -	1940	Jessup, George Aubrey - - - - -	1933
Davoren, Thomas Anthony Francis -	1937	Johnson, James Howard - - - - -	1900
Dawe, Reginald Stanley - - - - -	1936	Johnston, Laurence Frederick John -	1931
Denny, William Joseph - - - - -	1908	Jordan, David Wallace - - - - -	1949
Dow, Ian Baird - - - - -	1949	Joyner, Frederick Allen - - - - -	1885
Driffeld, George Carus - - - - -	1889	Kearney, Beasley James William -	1923
Durston, Sidney Bridle - - - - -	1889	Keats, Frederick Phillips - - - - -	1909
Edmunds, Keith Stacey - - - - -	1937	Kennedy, Donald Angus - - - - -	1904
English, John Arthur - - - - -	1952	Kerin, William Francis - - - - -	1944
Fischer, Robert John - - - - -	1949	Kinnane, Alexander John - - - - -	1935
Fisher, Francis Robert - - - - -	1949	Kirkman, Kenneth Hainsworth - - -	1918
Fisher, Guy - - - - -	1920	Lake, Clement William Hingston -	1907
Fleming, Stanley Hugh - - - - -	1902	Leslie, John - - - - -	1922
Fletcher, John Weld - - - - -	1940	Lewis, Stanley Heathcote - - - - -	1927
Foster, Henry Edgar - - - - -	1889	Little, Egbert Percy Graham - - -	1898
Fox, John Henry - - - - -	1895	McCann, William Francis James -	1923
Fricke, Malcolm Swanson - - - - -	1956	McCarthy, James Crimeen Ellery - -	1925
Gelston, Hedley Ringrose - - - - -	1914	McCarthy, Neil Douglas - - - - -	1953
Genders, Alexander Forbes - - - -	1949	McEntee, Kevin Vincent - - - - -	1931
Genders, Alexander Forbes - - - -	1950		
Gibson, Reginald Mends - - - - -	1923		

McEwin, George	1897	Reed, Douglas	1940
McGee, Edward Patrick	1933	Reeves, Charles Wheatley	1924
McGee, John	1916	Regan, James William	1913
Mackay, Alan Justin	1936	Reid, Walter Gliddon	1909
Mackenzie, Charles Norman	1909	Reilly, Matthew Leonard	1939
McLachlan, Alexander John	1894	Roberts, Donald Arthur	1912
McLachlan, Ian	1932	Rollison, Gerald Dominic	1927
McLeay, Marshall John	1927	Rollison, William Alexander	1915
Magarey, Ashley Henderson	1932	Ronald, Stewart Douglas	1910
Marshall, John	1951	Rutter, George Lyall	1920
Martin, Hugh Wallis	1920	Rymill, Arthur Campbell	1928
Mathews, Llandaff Brisbane	1924	Sampson, Joyce Holman	1952
Matson, Victor Charles	1945	Sanderson, Kenneth Francis Villiers	1918
Matulich, Ross Noel	1949	Scoresby, Arthur Shepherd	1957
Mellor, James Corry	1949	Shepherd, Joseph Scoresby	1899
Mellor, Thomas Reginald	1915	Smith, Frank Seymour	1914
Menzies, Stewart Keith	1937	Smith, Francis Villeneuve	1906
Michell, George Wilfrid	1920	Smith, Paul Teesdale	1920
Michell, John Elsome	1923	Solomon, Helen Ethel	1933
Millhouse, Vivian Rhodes	1925	Solomons, Phillip Roland Nathan	1939
Mills, Elliott Whitfield	1940	Somerville, Archibald John	1952
Mollison, Thomas	1928	Sparrow, Cyril Keith	1921
Morris, Gronwy Lewis	1932	Stockdale, William John	1889
Muirhead, Henry Mortimer	1909	Stokes, Robert Francis	1938
Mutton, Carlyle Herbert	1938	Sutherland, Allan James Lavis	1919
Napier, Robert Mellis	1936	Swan, William Alfred	1948
Nesbit, Hubert Gordon Paris	1915	Sweeney, John Grant	1915
Nesbit, Lancelot Julian	1925	Sykes, Howard de Pledge	1936
Nesbit, Reginald George	1900	Tapley, Willis Wayte	1909
Newman, Douglas Ralph	1949	Treloar, James Leonard Sydney	1923
Newman, Ralph Frederic	1921	Tucker, Reginald Mervyn	1915
Nicholls, Theodore Henry	1900	Vandenbergh, William John	1896
Nickolls, Peter Michael	1952	Von Bertouch, Leopold	1920
Nitschke, Galva Dennis	1954	Von Doussa, Stanley Bowman	1901
Nuske, Sydney Gordon	1954	Von Doussa, William Louis	1924
Odlum, Reginald Lance	1937	Wald, Irvine Dale	1923
O'Grady, Francis Ignatius	1939	Wallace, Norman Verschuer	1920
Owen, William Frederick	1906	Ward, Henry Torrens	1900
Pavy, Emily Dorothea, B.A.	1928	Warren, Sydney John	1911
Pavy, Gordon Augustus	1924	Weaver, Alfred Charles	1903
Pearce, Peter Sydney	1956	Webb, Beecher Noel	1930
Pearson, Charles Mason	1917	Whimpress, Thomas Abraham	1934
Penny, Bertram Stephens	1908	Williams, Dudley Charles Call	1946
Penny, Clifton Raymond	1893	Williamson, James Aubrey	1925
Philcox, Claude Joseph Owen	1929	Winnall, John Edward Hyde	1893
Povey, Edward	1916	Worth, Frank Lindsey	1932
Power, Louis Bertrand	1937	Wright, Charles Joseph Harvey	1888
Puddy, Albert Forwood	1934	Wright, Sydney Charles Grenville	1923
Pyne, William Ewart	1915	Yelland, Dene Sturt	1930
Rankin, Henry Oliver Arthur	1912	Young, Martin	1933
		Zeising, George Ignatius	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Catt, Shirley Pearson Clifford	1938
Adamson, Myrtle Gwendoline	1918	Chappel, Phyllis Harvey	1924
Alexander, Mary Vera	1917	Cheek, Alan Carvosso	1929
Allgrove, Beatrice Jane	1951	Cheek, Muriel Elizabeth	1900
Anderson, Jean	1936	Cilento, Gladys Muriel West	1913
Andrew, Una Lois	1915	Cockburn, Julia Evelyn	1930
Ashion, Kathleen Anne	1935	Coleman, Rosemary Ann	1955
Attwell, Edna Marie	1918	Collins, Ella Mary	1916
Badenoch, Constance Mary	1921	Collins, Yensie Margaret	1937
Bampton, Alfred John	1915	Commene, Teresa Audrey	1938
Barbour, Dorothy Jean	1928	Coonan, Mary Madeline	1955
Barnden, Vina Melba	1933	Coonan, Rita Norlean	1919
Barry, Margaret Mary	1927	Coumbe, Hurtle Harold	1912
Basedow, Ivy Marie	1912	Counter, Beryl Cole	1924
Bates, Edgar Clarence	1929	Cozens, Vida Victoria	1928
Baulderstone, Clarice Moore	1923	Craig, Margaret Heather	1955
Bettcher, Lila Margaret	1955	Crampton, Daisy Myrtle	1945
Bice, Brenda Mae	1957	Cresswell, Muriel Blanche Lillecrapp	1925
Black, Edward William	1923	Cronin, Alice Elsie	1937
Booth, Jean Marie	1941	Curry, Shirley-Anne	1955
Bowen, Gordon Melville	1935	Daenke, Dorothy Lucy	1929
Brindal, Ellen Grace	1922	Davy, Rubia Claudia Emily	1903
Brooks, Doreen Mavis	1940	d'Arcy-Irvine, Alice Bond	1913
Brooks, Merle Olive	1942	Day, Florence Muriel	1913
Brown, Kathleen Mary	1917	Dick, Pauline May	1950
Bruggeman, Martha Dorothy	1904	Dix, Jessica Laura	1928
Burnard, David Alexander	1925	Edwards, Herbert Percival	1922
Byrne, Mary Teresa	1927	Ekers, Theodora Allman	1930
Cadd, Hartley Blair Hogarth	1951	Evans, Bert	1913
Carmichael, Doris Darby	1923	Ey, Kathleen Elsie	1938

Finch, Laura Evelyn	- - - -	1932	Mills, Gene Louise	- - - -	1950
Fisher, Helena Catherine	- - - -	1924	Mitchell, Elizabeth Anne	- - - -	1956
Flaherty, Annie Josephine	- - - -	1907	Morley, Evelyn Mabel	- - - -	1925
Foale, Harold Robert	- - - -	1925	Morton, Mary Ruth	- - - -	1931
Francis, Bessie	- - - -	1925	Murray, Joan	- - - -	1954
Francis, Violet Leone	- - - -	1929	Narroway, Peter Kingsford	- - - -	1951
Freeman, Ivy Gwendolen McLeod	- - - -	1931	Naylor, Ruth Winnifred	- - - -	1924
Gallasch, David Russel	- - - -	1957	Norman, Jean Margaret	- - - -	1928
Gard, Harold John	- - - -	1918	Oldham, Dorothy	- - - -	1914
Gehling, Ronda Beryl	- - - -	1940	Paddon, Una Margery	- - - -	1920
Gersch, Paul Johanns	- - - -	1954	Paley, Clifford Arnold, B.A.	- - - -	1941
Geyer, Clem August	- - - -	1922	Palmer, Ethel Rose	- - - -	1918
Giles, Allan Leonard	- - - -	1949	Palmer, Judith Anne	- - - -	1955
Gill, Hilda Beatrice	- - - -	1916	Parham, Marlene Marie	- - - -	1955
Gillespie, Jean Katherin	- - - -	1937	Parkinson, Charlotte Ethel Violet	- - - -	1901
Glatz, Laurina Ruby	- - - -	1929	Pascoe, Philippa Mary	- - - -	1947
Gmeiner, Clarice Haidee Beatrice	- - - -	1924	Pearson, Kathleen Crawford	- - - -	1923
Goss, Lucy Vera	- - - -	1909	Penalurick, Lola	- - - -	1921
Goyder, Patricia	- - - -	1937	Penrose, Alva Ivo	- - - -	1924
Gray, Lorna Dorothy	- - - -	1950	Perkins, Horace James	- - - -	1926
Gray, Marylouise	- - - -	1957	Perkins, Marie Pauline	- - - -	1948
Griffiths, George Townsend	- - - -	1914	Perry, Margaret Fay	- - - -	1950
Griggs, Arden Michael	- - - -	1957	Phipps, Charlotte Lucy Barkwell	- - - -	1905
Groth, Fred	- - - -	1929	Porter, James Lincoln	- - - -	1957
Grosser, Eileen May	- - - -	1924	Prince, Jean Florence	- - - -	1921
Ilakendorf, Carmel Mary	- - - -	1947	Prince, Muriel Marjory	- - - -	1923
Haese, Beth Theodora	- - - -	1940	Puddy, Betty Froome	- - - -	1931
Hales, Malcolm Roy	- - - -	1948	Puddy, Maude Mary	- - - -	1900
Hancock, Mary Frewin	- - - -	1928	Pyne, Tryphena Grace	- - - -	1918
Hantke, Ethel Hilda Hedwig	- - - -	1902	Reimann, Hilda Marie	- - - -	1912
Harvey, Faith Fairbank	- - - -	1943	Reimann, Leta Edith	- - - -	1932
Henry, Gladys Amy Thelma	- - - -	1926	Renou, Jean Lois	- - - -	1923
Hine, Clytie May	- - - -	1908	Riedel, Melita Wanda	- - - -	1918
Hoche, Edith	- - - -	1908	Roach, Mary Moyle	- - - -	1910
Hogon, Eileen Margaret	- - - -	1917	Roberts, Winifred Sophie	- - - -	1911
Holder, Alison Joyce	- - - -	1938	Robinson, Mary Patricia	- - - -	1935
Holman, Frank Reginald	- - - -	1919	Rofe, Joyce Newton	- - - -	1933
Holmes, Patricia Langley	- - - -	1948	Rowe, Elsie Maud	- - - -	1919
Hooker, George	- - - -	1945	Rowe, Florence Nellie	- - - -	1914
Horgan, Lillian Veronica	- - - -	1936	Rudemann, Elsa Wilhelmine	- - - -	1903
Hounsell, Marjorie Nora Drew	- - - -	1938	Sansom, Joyce Mary	- - - -	1940
Howard, Winnifred Jean	- - - -	1917	Sara, Lily Emmaline	- - - -	1916
Hurn, Mavis Lacey	- - - -	1926	Sayers, Alice Mabel	- - - -	1901
Hyde, Miriam Beatrice	- - - -	1928	Scammell, Ethelwyn	- - - -	1910
Ingham, Myrtle Lavinia	- - - -	1916	Schramm, Kathryn	- - - -	1954
Jacobs, Doreen Miriam	- - - -	1938	Searle, Hartley Malcolm, B.A., B.Sc.	- - - -	1939
James, Doris	- - - -	1912	Shapley, Dorothy Alice	- - - -	1939
James, Vida Margretta	- - - -	1917	Shephard, Beatrice Joan	- - - -	1935
Jones, Lewis La Vence	- - - -	1919	Shipway, Margaret Elizabeth	- - - -	1953
Joyce, Kate	- - - -	1904	Short, John Thomas Gordon	- - - -	1907
Keen, Lillian Guard	- - - -	1920	Simcock, Hilda May	- - - -	1917
Kemp, Francis Joseph Edmund	- - - -	1928	Sinclair, Jean Lily	- - - -	1924
Kemp, Marion Kirkwood	- - - -	1903	Slee, John Stevens	- - - -	1952
King, Margaret Jessica Esme	- - - -	1956	Smith, Imelda Catherine	- - - -	1930
Kinmont, Rosamond	- - - -	1924	Smith, Margaret Joan	- - - -	1950
Klose, Patricia Mary	- - - -	1950	Solomon, Betty	- - - -	1930
Kneebone, Joan Adelaide Cavell	- - - -	1938	Spehr, Francesca	- - - -	1901
Knowing, Gwenda	- - - -	1952	Spriggs, Harriet Rosetta	- - - -	1919
Kolosche, Samuel	- - - -	1910	Stoneman, Doreen	- - - -	1921
Langford, Joan	- - - -	1952	Stoneman, Olivia Charlotte	- - - -	1930
Lawton, Josephine Margaret	- - - -	1956	Summers, Phyllis Harvey	- - - -	1930
Lee, Marjorie Freda	- - - -	1926	Swincer, Patty	- - - -	1948
Leonard, Mary Joselyn	- - - -	1956	Taylor, Gladys Leslie	- - - -	1908
Litchfield, Jean Rainsbury	- - - -	1926	Taylor, Jean Rosabelle	- - - -	1926
Lodge, Elizabeth Florence Cranston	- - - -	1953	Thomas, Sylvia Caroline Curtis	- - - -	1921
Luxton, Jean Estcourt	- - - -	1952	Thrush, Annie Vera	- - - -	1915
McDermid, Neil Harvey	- - - -	1956	Tidemann, Ernest Phillips	- - - -	1927
McGrath, Constance Cecily	- - - -	1926	Tonkin, Phyllis Anna	- - - -	1923
McGregor, Dorothy Mary	- - - -	1930	Tosolini, Palmira Rose	- - - -	1951
McKinnon, Clara Elizabeth	- - - -	1942	Treloar, Fay	- - - -	1957
McLaughlin, Eric Enstone	- - - -	1926	Trenerry, Thora	- - - -	1944
McMahon, Mary Carmel	- - - -	1955	Tuck, Joyce Edith	- - - -	1940
Macpherson, Margaret Webster	- - - -	1957	Tuck, Vivien Margaret	- - - -	1941
Mallon, Alice Mary	- - - -	1923	Tunks, Flora Marion	- - - -	1931
Manning, Hilda Mahala	- - - -	1902	Vardon, Daisy	- - - -	1914
Marker, Lois Beatrice	- - - -	1951	Verco, Alison Martha	- - - -	1950
Marrett, Hannah Olive	- - - -	1926	Verco, Gladys Kathleen	- - - -	1928
Martin, Thelma Dorothy	- - - -	1917	Vick, Lloyd Winston	- - - -	1937
Matters, Arnold Hatherleigh	- - - -	1926	Virgo, Jean Ysobel	- - - -	1934
Mayfield, Vera Selina Gwendoline	- - - -	1927	Virgo, Violet Myra	- - - -	1919
Mears, Kathleen Devenish	- - - -	1955	Wall, Myrtle Trilby	- - - -	1917
Meegan, Alice	- - - -	1922	Wallmann, Beatrice May	- - - -	1909
Meegan, Kathleen Mary	- - - -	1917	Walsh, Lillian May	- - - -	1926
Merchant, David John	- - - -	1952	Warnecke, Mary Isabel	- - - -	1954
Mewkill, Paula Mary	- - - -	1915			

Watts, Mollie Louisa - - - - -	1930	Williams, Hartley - - - - -	1929
Webb, Irene Margaret Thomson - - - - -	1926	Williams, John Alexander - - - - -	1925
Whillas, Helen May - - - - -	1901	Williams, Mervyn Ewart Lancelot - - - - -	1924
White, Elizabeth Alice - - - - -	1953	Williamson, Arthur Burton - - - - -	1908
Whittington, Clytie Myrtle - - - - -	1917	Wollaston, Margaret Thirlmere - - - - -	1941
Whittington, Sylvia Muriel - - - - -	1911	Wordie, Ada Winifred - - - - -	1918
Wibberley, Brian - - - - -	1908	Zeven, Aila - - - - -	1922
Wiebusch, Adele Maria Dorothea - - - - -	1924		

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James - - - - -	1904	Muir, Thomas Grieve - - - - -	1904
Donnelly, Albert Laurence - - - - -	1903	Robertson, John George - - - - -	1906
Kleeman, Theodore Richard - - - - -	1906	Russack, Friedrich Wilhelm - - - - -	1907
McMichael, Clunie Brice - - - - -	1904	Threadgold, Stanley Garfield - - - - -	1907

ASSOCIATES IN COMMERCE

Abbott, John Raymond - - - - -	1950	Besley, Lillian Ray - - - - -	1935
Abbott, Norman Frank - - - - -	1930	Bice, Norman Percival - - - - -	1950
Adams, Harry - - - - -	1931	Bice, Roy George - - - - -	1953
Adams, Helen Jean - - - - -	1929	Biddell, Douglas Gordon - - - - -	1957
Adams, John Clifford, B.Ec. - - - - -	1949	Biddle, John Parr Harding - - - - -	1925
Adamson, Alfred Victor - - - - -	1926	Biggs, James Marshall - - - - -	1925
Adamson, Harold Stanley - - - - -	1921	Blackwell, Hazel Annie - - - - -	1931
Addicoat, Bryan John - - - - -	1947	Blair, James Beaton - - - - -	1925
Ahrens, Frank Leo - - - - -	1945	Blair, Ruth Margaret - - - - -	1940
Aitchison, Donald Leslie Judson - - - - -	1939	Blanch, Clement Edward - - - - -	1949
Alderman, John Robinson - - - - -	1937	Bleckley, Graham William - - - - -	1952
Alldritt, Donald Thomas - - - - -	1951	Bloomfield, Jack Lee - - - - -	1939
Allen, Jack - - - - -	1937	Boehm, Ernst Arthur - - - - -	1945
Allingame, George William Davis - - - - -	1935	Born, Frank Ford Harker - - - - -	1928
Andersen, Clifford Werlin - - - - -	1927	Bowden, Harry Frederick - - - - -	1934
Anderson, John Donald - - - - -	1948	Bowen, Arthur Geoffrey - - - - -	1933
Anderson, Murray James - - - - -	1955	Bower, Richard David - - - - -	1940
Anderson, Reginald Hamp - - - - -	1910	Bowes, Lindsay Burton - - - - -	1947
Angel, Norman Sidney - - - - -	1930	Bowler, Brian John - - - - -	1954
Angel, Ronald Frank - - - - -	1930	Bowness, Alexander - - - - -	1928
Anells, Herbert Edward - - - - -	1908	Braddock, Dudley Warwick - - - - -	1938
Anells, Robert Harvey - - - - -	1939	Braddock, Lyall Arthur - - - - -	1931
Arbon, Jack Fulton - - - - -	1953	Brady, Thomas Francis - - - - -	1921
Arndt, Max Raymond - - - - -	1956	Bramwell, Horace Gordon - - - - -	1932
Arnold, Raymond Borman - - - - -	1949	Brandwood, Marie Earlston - - - - -	1944
Arthur, Maude Jessie - - - - -	1934	Branson, Colin William - - - - -	1949
Ashby, William Maxwell - - - - -	1943	Branson, Kenneth George - - - - -	1947
Ashton, Alec James - - - - -	1935	Braunthal, Norman Frank - - - - -	1928
Atkinson, Verdon Robert - - - - -	1936	Bray, Alan Claude - - - - -	1926
Austin, Brian Wilson - - - - -	1954	Bray, Bruce - - - - -	1940
Ayers, Margaret Jean - - - - -	1937	Bray, Clifford Samuel - - - - -	1908
Bailey, Arthur Norris - - - - -	1924	Brazel, Thomas John - - - - -	1926
Bailey, Vanda Dorothy - - - - -	1928	Brewer, John Burton - - - - -	1947
Balchin, Irene May - - - - -	1924	Brice, Alan Herbert - - - - -	1938
Balchin, Leonard Jack - - - - -	1935	Brice, Malcolm Hubert - - - - -	1949
Baldock, Gordon Herbert - - - - -	1948	Bridgland, Lionel Cedric - - - - -	1932
Bammann, Cuthbert Harvey - - - - -	1938	Briskham, Alexander George Herbert - - - - -	1927
Bampton, John - - - - -	1927	Brock, Noel Howard - - - - -	1922
Barclay, William John - - - - -	1950	Brooks, Leonard William - - - - -	1956
Barlow, Cecil William - - - - -	1939	Brooks, Sidney Rundle - - - - -	1933
Barlow, Leslie Harris - - - - -	1928	Brown, Leonard Sawtell - - - - -	1926
Barnes, Ronald David, B.Ec. - - - - -	1948	Brown, Thomas Roderick - - - - -	1923
Barrett, Jean Miriam - - - - -	1930	Browne, Clifford Harding - - - - -	1923
Barter, Francis Charles - - - - -	1928	Buckett, Claude Ernest - - - - -	1940
Barter, Jack Lampier - - - - -	1930	Buckley, William Clarence - - - - -	1929
Barton, Jessie Charlotte - - - - -	1929	Bulbeck, Philip Denis - - - - -	1929
Basedow, Bernhard Frederick - - - - -	1948	Burgess, Ellis Howard - - - - -	1939
Bathgate, John Pender - - - - -	1916	Buring, Eleanor Bette - - - - -	1937
Batt, Henry Richard Devon - - - - -	1935	Burley, Arnold Robert - - - - -	1939
Battye, George Harry - - - - -	1924	Burns, George Eric - - - - -	1927
Battye, Ross - - - - -	1920	Burr, Frederick Samuel - - - - -	1923
Baulderstone, Donald - - - - -	1935	Butler, Tom - - - - -	1939
Baxter, Donald Bruce - - - - -	1950	Calder, William Cormack - - - - -	1913
Bayly, Edward Benjamin - - - - -	1910	Caldwell, Hilda Valmai - - - - -	1928
Bayly, Ernest Edward - - - - -	1924	Callaway, William Frank - - - - -	1931
Bayly, George Lancelot - - - - -	1929	Cameron, Elizabeth Mary - - - - -	1938
Bayly, Jack Harold Fellowes - - - - -	1931	Cameron, Roy James - - - - -	1945
Bayly, William Lawes - - - - -	1918	Campbell, Harold Duncan - - - - -	1925
Beaney, Henry Finlay - - - - -	1928	Cane, Jack - - - - -	1938
Beauchamp, Shirley Frances - - - - -	1949	Cant, Leonard George - - - - -	1917
Belcher, Milton Judson - - - - -	1928	Cant, Rex Birdsey - - - - -	1931
Belfer, Jacob - - - - -	1944	Carey, Gerald David - - - - -	1951
Bennie, John Smith - - - - -	1938	Carter, Alan Keith - - - - -	1953
Berrick, Lionel Neil - - - - -	1945	Carter, David Burleigh - - - - -	1950
Berriman, Alfred Andrew - - - - -	1923	Carter, Elijah - - - - -	1952
Berry, Leslie Robjohns - - - - -	1937		

Caut, Leslie George William	- - -	1921	Esson, Leonard John	- - - - -	1932
Cavender, Frederick Richard	- - -	1940	Eddy, John Edwin	- - - - -	1934
Chambers, John Harold	- - -	1926	Edson, Eileen Mavis	- - - - -	1930
Chappie, Keith Fletcher	- - -	1934	Edwards, Alfred John	- - - - -	1933
Charles, Armande Joffre	- - -	1937	Edwards, Colin Arthur	- - - - -	1930
Challick, Derek Herbert	- - -	1939	Edwards, Edgar Morton	- - - - -	1941
Chester, Glen Drummond	- - -	1938	Edwards, Ernest Albert	- - - - -	1937
Chettle, Walter Richard	- - -	1927	Edwards, Stanley Herbert	- - - - -	1941
Chinner, Alan George	- - -	1922	Effick, Henry Birrell	- - - - -	1924
Christison, Margaret Jean	- - -	1940	Elliott, Melva Gwendolene Vivian	- - - - -	1931
Clark, Phyllis Mary	- - -	1939	Ellis, Fred Leon	- - - - -	1939
Clarke, Geoffrey Thomas	- - -	1923	Ellis, Kevin Clifford Keith	- - - - -	1934
Clarke, John Harding	- - -	1953	Emery, Garth Charles	- - - - -	1941
Cobiac, Gerald Patrick	- - -	1949	Eriksen, Theodore Henry	- - - - -	1953
Cole, Geoffrey Leonard	- - -	1950	Errington, Edna Jean	- - - - -	1931
Collett, Keith Lancelot	- - -	1953	Evans, Horace Clement	- - - - -	1938
Collison, Keith Tidmarsh	- - -	1941	Evans, Ronald Dennis	- - - - -	1949
Colliver, Eustace James	- - -	1928	Evens, Alan Grant	- - - - -	1952
Combe, Bernard Milo	- - -	1948	Ewens, Leonard Thomas	- - - - -	1930
Compton, Joyce Oliver	- - -	1945	Ewers, William David, B.A.	- - - - -	1943
Connelly, Joseph Kevin	- - -	1938	Ewing, William John Murchie	- - - - -	1952
Connelly, William Francis	- - -	1947	Fahey, George Ambrose	- - - - -	1923
Cook, Bruce Filmer	- - -	1955	Farquhar, Donald Reginald	- - - - -	1929
Coombe, Albert	- - -	1937	Farrell, Edward William	- - - - -	1949
Cooper, Ashley Anthony Richard	- - -	1927	Faull, Kevin Barton Woodfield	- - - - -	1950
Coote, Robert Glenn	- - -	1955	Favilla, Domenico Raffaello	- - - - -	1939
Cotton, Robert Harold	- - -	1908	Fewell, Stanley William	- - - - -	1934
Cottrell, Francis Allan	- - -	1937	Filsell, Geoffrey Holbrook	- - - - -	1942
Cottrell, John Ledsam	- - -	1920	Firth, Jack Leader	- - - - -	1937
Couthard, Clyde Ronald	- - -	1937	Fisher, David le Sauvage	- - - - -	1948
Coward, Ivan Fernley	- - -	1930	Fisher, Harold Henry	- - - - -	1932
Coward, Robert Malcolm	- - -	1930	Fitzgerald, Teresa Catherine	- - - - -	1931
Cowell, Davis Francis	- - -	1939	Fleming, Ralph Harry	- - - - -	1939
Cox, Charles Wylde	- - -	1932	Fleming, Robert Colin	- - - - -	1933
Cox, Cyril Hewitt	- - -	1928	Flew, John William	- - - - -	1950
Craig, Ida Vera	- - -	1924	Fogarty, Stanley Patrick Joseph	- - - - -	1950
Crane, Greta Ruby	- - -	1927	Forbes, Colin Malcolm	- - - - -	1952
Creswell, John	- - -	1919	Forbes, Wilfred Roy	- - - - -	1934
Crump, Hedley Lawrence	- - -	1949	Forrest, Peter Cameron	- - - - -	1949
Curtis, Lawrance Gordon	- - -	1949	Foster, Lily Dorothy	- - - - -	1935
Dahlenburg, Hurtle Henry	- - -	1952	Foxworthy, John Henry	- - - - -	1923
Dahlenberg, Robert Louis	- - -	1953	Francis, Ainslie DeLacy	- - - - -	1921
Daley, Vyvyan Lancelot	- - -	1928	Francis, Stanley Charles	- - - - -	1924
Dalton, Victor Ernest	- - -	1923	Fricke, Ronald Frank	- - - - -	1957
Daniel, Claude Alfred Vaughan	- - -	1921	Fry, Arthur Henry Percival	- - - - -	1910
Daulby, Herbert Stanley	- - -	1936	Frayne, Jack Edmonston	- - - - -	1935
Davey, John Vernon	- - -	1953	Fricke, Lourdes Victoria	- - - - -	1948
Davey, Richard Howard	- - -	1950	Fritsch, Viola Phoebe	- - - - -	1951
Davidson, Cuthbert Hewett	- - -	1924	Frost, Ernest Martin	- - - - -	1949
Davis, Agnes Mary	- - -	1936	Furze, Noel Edgar	- - - - -	1927
Davis, Brian, B.Ec.	- - -	1951	Gale, Frederick Julius	- - - - -	1910
Davis, Bruce Frederick	- - -	1938	Garrett, Eric Mostyn	- - - - -	1934
Davis, James Lenton	- - -	1933	Garood, Philip Jesse	- - - - -	1938
Davis, Noel Hewitson	- - -	1933	Gemmell, Alex Stewart	- - - - -	1936
Davis, Rosalie Olive	- - -	1923	Gibb, Ernest Ullathorne	- - - - -	1939
Daw, Arthur Baden Secombe	- - -	1956	Gibson, Eric Ambrose	- - - - -	1925
Dawbarn, Richard Bunbury	- - -	1930	Giddings, Ian Valentine	- - - - -	1951
Dawkins, Harry Blinman	- - -	1939	Giles, Kenneth Livingstone	- - - - -	1924
Dawson, David Lancelot	- - -	1926	Giles, Stephen Alan Butler	- - - - -	1927
Day, Colin Maxwell	- - -	1936	Gill, Thomas Fergusson	- - - - -	1935
Day, Frank Vernon	- - -	1935	Ginman, David Charles	- - - - -	1947
Day, Ian Mostyn	- - -	1956	Glastonbury, Oliver Albert Isaac	- - - - -	1929
Day, LaVerne Frank	- - -	1955	Glenn, Ross William	- - - - -	1952
Deane, Allan Nicholson	- - -	1939	Gloyn, Reginald Dan	- - - - -	1957
Deer, Eynon John Cullimore	- - -	1954	Gluyas, Neil James	- - - - -	1937
Denton, Samuel Bowcher	- - -	1928	Golovsky, Israel	- - - - -	1921
Dermott, Alice May	- - -	1932	Gordon, Colin Herbert	- - - - -	1941
Dermott, John Edwin	- - -	1921	Gordon, Douglas Maitland	- - - - -	1938
Dewar, Peter Ferguson	- - -	1951	Gosden, Robert Byron	- - - - -	1949
Dickson, Ronald Archibald	- - -	1952	Gramp, Sidney Douglas	- - - - -	1941
Dobson, Alfred James	- - -	1909	Grant, Kenneth Jack	- - - - -	1929
Dodd, Robert Hedley, B.A.	- - -	1947	Grant, Wallace Dale	- - - - -	1955
Donaldson, John Monfries	- - -	1941	Gray, Gilbert William	- - - - -	1923
Donnell, Leslie John	- - -	1939	Green, Lawrence Goodwin	- - - - -	1928
Dowie, Jean Phillis	- - -	1935	Greenham, Alfred Howard	- - - - -	1923
Dowling, Crosby James	- - -	1951	Greig, William Ronald	- - - - -	1929
Downs, Claude Edmund	- - -	1932	Grimwade, Erica Fielding	- - - - -	1955
Downs, Donald Archibald	- - -	1938	Gubbins, Geoffrey Garfield	- - - - -	1953
Drabsch, Leo John	- - -	1948	Haddad, Victor	- - - - -	1938
Duffield, Gordon Llewellyn	- - -	1936	Hamilton, Frank Douglas	- - - - -	1940
Duldig, Milton Edwin	- - -	1939	Hammann, Arthur Edwin	- - - - -	1927
Duncan, John Bayfield	- - -	1953	Hand, Allan	- - - - -	1934
Dunn, Raymond Keith	- - -	1950	Hand, Milton John	- - - - -	1948
Dynon, William Ralph	- - -	1951	Hanley, Alice	- - - - -	1939
			Hann, Maxwell Keith	- - - - -	1938

Hannan, Edward Graham	1947	Jones, Joyce Gertrude	1944
Hannon, James	1952	Jones, William Henry	1952
Harlow, James Keith	1941	Joyce, Alan Francis	1941
Harnden, Jack	1952	Judd, Percival Richard Henry	1926
Harnett, William Edwin	1948	Kelly, Brian Patrick	1949
Harper, Ronald George	1935	Kelly, Hartleigh	1933
Harrell, Max Ambrose	1952	Kelly, Isobelle	1927
Harris, Frank Randall	1949	Kelsey, Jack	1932
Harris, Norman Alexander	1934	Kenihan, John Dudley	1933
Harris, Robert Oxenberry	1951	Kennedy, Mervyn George	1932
Harris, Ronald Firth	1939	Kerr, Trevor Grant	1954
Harris, Russell Hope	1912	Kesting, Ernest Arthur	1930
Harrison, William Frank	1908	Kilgariff, Aloysius Kevin	1951
Harvey, Keith William	1952	King, John Bugler	1937
Harwood, Ralph Felix	1952	King, Norman Reginald	1949
Haslam, Alan Francis	1935	Kinnish, Florence Maud	1920
Hastwell, Robert Duncan	1950	Kirkman, David	1908
Hawkins, Alfred Raymond	1947	Klisch, Josafat Marejan	1956
Haydon, Colin Maurice	1951	Knight, Bernard Murray	1938
Haynes, Stanley Gordon	1953	Knox, Rex	1949
Hearfield, Walter George	1930	Koch, Othel Ludwig	1937
Healy, Francis Robert	1937	Kumnick, Donald Kerr	1933
Heinemann, John Bryce	1948	Lahiff, Arthur Stanley	1951
Heitmann, Colin Richard	1950	Lambert, Anthony Wilson	1945
Hendry, Campbell Alexander	1914	Lang, James Thomas	1937
Hewett, Robert Alfred	1955	Langcake, William Charles	1940
Hiatt, Jack Thomas	1935	Langsford, Leonard Graham	1948
Hiddle, Eugene Hayes	1953	Laphorne, Cecil Lindsay John	1948
Hieser, Ronald Oswald	1943	Laughton, Robert Bruce	1942
Higginbottom, Edwin John, B.Ec.	1955	Laver, Robert William	1940
Higgins, Harry Coote	1920	Lenton, Leslie	1916
Hill, Edward Ralph	1957	Letcher, William John	1934
Hill, Patricia Pender	1949	Lever, Cecil Harry	1939
Hill, William Charles	1933	Levett, Geoffrey Frederick	1950
Hill, William Ross	1941	Lewis, Clarence George	1924
Hilton, Kingsley Winlo	1930	Lewis, Rex Ernest	1930
Hirst, Ronald Robert	1935	Lillywhite, Bessie	1925
Hoad, Sidney Arnold	1943	Lindner, Walter Alfred	1955
Hogben, Alfred Richard	1909	Lloyd, Harold Trent	1926
Hogben, Horace Cox	1915	Loan, William Clarence	1923
Holland, John Neville	1955	Lodge, Maurice Arnold	1929
Holmes, George Matheson	1955	Loneragan, Eric Norman	1949
Holt, William George	1924	Loneragan, Leo Desmond	1957
Holten, Dora May	1924	Longmire, Frank Albert	1940
Homes, Alma Ivy Penelope	1927	Lorimer, Robert William	1922
Hooper, Mervyn Perry	1926	Loughrey, Arthur Bernard	1941
Hooper, Ronald Ley	1937	Love, Ronald Edward Beaumont	1934
Horrocks, Charles Edgeworth	1925	Lowe, Kenneth Maurice	1939
Hosking, Kathleen Valerie	1953	Lucas, Francis James	1953
Houigan, Lloyd David, B.Ec.	1952	Lucas, Ralph Mervyn	1952
Howard, Cornelius James	1949	Luxmore, John Alexander	1931
Howard, Leonard Marie	1949	Lyon, Colin Grant	1929
Howard, Paul Francis	1949	Lyon, James Cobbett	1925
Howie, Douglas Cullen	1937	McAnaney, William Patrick	1931
Howie, George Percival	1916	McAulay, John Albert Galster	1922
Howland, Arthur Stilville	1934	McAuliffe, Lionel Frank	1934
Hunwick, Ernest Frederick William	1924	McCarron, Philip Bernard Alphonsus	1925
Hunwick, Leonard William, LL.B.	1939	McCarthy, John Anthony	1930
Isaachsen, Eric Eduard	1936	McDonald, Dorothy Patricia	1935
Isaachsen, Oscar Cedric, LL.B.	1937	McEgan, Ernest William	1923
Isbell, William Foulkes	1952	McFarlane, Maude Evans	1928
Jackson, Harold Ernest	1939	McFarlane, Malcolm Ross	1952
Jackson, Leslie Colin	1941	McGarry, Donald Martin	1936
James, Charles Kingsley	1918	McKee, Geoffrey Nolan	1935
Jamieson, Neil Livermore	1927	McKee, George Angus	1927
Jaunay, Donald Robert	1949	McKee, William Albert Kenneth	1928
Jeffery, Charles Frederick	1938	McKenzie, Allan John	1933
Jeffery, George Henry	1933	McLachlan, John Kingsborough	1954
Jeffery, Roy Gordon	1940	McLean, Allan William	1921
Jeffress, Leslie Charles	1928	MacLeod, Ian Frederick Angus	1956
Jenkinson, Keith Travers	1938	McShane, Reginald Edward	1951
Jenner, Arnold Miller	1929	Mack, Arthur William	1925
Jennings, George	1952	Mack, Jack Hamilton	1953
Jessup, George Aubrey	1927	Macklin, Bruce Roy	1939
John, Brian	1953	Maegraith, Paul Reginald	1952
Johns, Darby Richard	1953	Mahoney, John Joseph	1927
Johnson, Douglas Oswald	1949	Malcolm, Kathleen	1933
Johnson, George Ronald	1939	Marchant, Vernon Harold	1929
Johnson, Harry Witter	1932	Marrett, Lorna Liggett	1922
Johnston, Noel Stuart	1950	Marsden, Bruce Cecil	1951
Johnston, Verner	1949	Marshall, Alma Kathleen	1921
Jones, Albert Stewart	1954	Martin, Colin Walter	1925
Jones, Brian Lewis, B.E.	1956	Martin, Eric Joan	1923
Jones, Elizabeth May	1926	Masters, Reginald Keith	1938

Mathews, Hugh Charles - - - -	1951	Pascoe, Douglas Everett - - - -	1927
Mathews, Reginald William - - - -	1928	Pascoe, Ronald Francis - - - -	1936
Mathews, Leonard George - - - -	1934	Patterson, Isabel Maude Holmes - - - -	1945
Maunder, Leonard Edward James - - - -	1926	Patterson, Robert Banks - - - -	1936
Mead, John William, B.Ec. - - - -	1953	Payne, Randolph Douglas - - - -	1948
Meaney, Thomas Francis - - - -	1948	Pearce, Francis James - - - -	1952
Mehrtens, Bronte - - - -	1950	Pear, Kathleen Grace - - - -	1947
Mengerson, Norman Victor - - - -	1919	Pederick, Hubert Oswald - - - -	1929
Menkins, Frank Hermann - - - -	1908	Penglase, Ronald Clyde - - - -	1954
Merchant, Eric George - - - -	1948	Pentelow, Edith May - - - -	1929
Messent, Albert Edward - - - -	1908	Perriam, Clifford Allan - - - -	1937
Messent, Frank Ashby - - - -	1927	Perriam, Eric Charles - - - -	1939
Middleton, Clement Roy - - - -	1951	Peterson, Ronald John - - - -	1937
Miller, Colin James - - - -	1957	Phelps, Winifred Annie - - - -	1925
Miller, Gavin Robert - - - -	1918	Philcox, Claude Joseph Owen - - - -	1923
Miller, Lyle Clark - - - -	1947	Pike, Vernon Horace Charles - - - -	1937
Mills, Edward Whitfield - - - -	1915	Pitcher, Ronald Samuel - - - -	1923
Mills, Robert Neil - - - -	1951	Pledge, Martha Phoebe - - - -	1930
Minson, Charles Stanley - - - -	1930	Polden, Donald Watkins - - - -	1956
Mitchell, Brian John - - - -	1955	Pollnitz, Percy Frederick - - - -	1935
Mitchell, Bruce - - - -	1919	Ponder, Gilbert Walter Graham - - - -	1914
Mitchell, John Turnbull - - - -	1938	Potter, Donald Roy - - - -	1937
Mitchell, Lurline Vaughan - - - -	1933	Potter, Frank Jacques - - - -	1942
Mitchell, Shirley Eileen - - - -	1944	Potter, Wilfred Tom - - - -	1951
Mobsby, Edward Tompson - - - -	1940	Pounsett, John Lenton - - - -	1949
Moncrieff, Joan Lorimer - - - -	1925	Preskett, Malcolm - - - -	1957
Moore, Walter Harry - - - -	1935	Price, Henry Ernest - - - -	1930
Moore, Warwick Grey - - - -	1935	Prior, Olive Cora - - - -	1933
Morcom, Kenneth Douglas - - - -	1940	Prosser, Ian Neville - - - -	1955
Morphett, Michael Louis - - - -	1957	Proud, Katherine Lily - - - -	1910
Mortess, Eric James - - - -	1925	Prystawski, Omelan - - - -	1955
Mould, Francis Edmund - - - -	1927	Pulford, Vivian George - - - -	1948
Mount, Michael Jaunay - - - -	1951	Puttman, Robert Marsh - - - -	1954
Moyes, Cecil Clarence - - - -	1918	Raffelt, Helene - - - -	1925
Moyes, Charles Robert - - - -	1913	Ramsey, Alfred Maxwell - - - -	1941
Moyle, John Ewart - - - -	1917	Ransom, William Robert George - - - -	1932
Muecke, Carl Wilhelm Ludwig - - - -	1908	Raphael, Alan Ralph - - - -	1956
Mullen, Brian Anthony - - - -	1930	Raymond, Reginald Norman - - - -	1935
Mullin, Mary Margaret - - - -	1925	Read, Angus Robert - - - -	1929
Mullins, Francis Patrick - - - -	1926	Read, Howard Llewellyn - - - -	1926
Munro, Elizabeth Margaret - - - -	1930	Redman, Jessie Adelaide - - - -	1929
Murray, Donald - - - -	1930	Reed, Frank Basil - - - -	1939
Murray, Ronald George - - - -	1936	Reilly, Lawrence Joseph - - - -	1948
Mutton, Henry Edwin Howard, M.A. - - - -	1926	Reynolds, Ernest Joseph Walter - - - -	1925
Nairn, Donald Maxwell - - - -	1936	Rhodes, Ronald Sydney - - - -	1927
Naulty, Reginald - - - -	1937	Richards, Kenwyn Howard - - - -	1937
Nave, John Lionel - - - -	1929	Richardson, Jack Avon - - - -	1928
Needham, George Francis Jack - - - -	1911	Riches, Robert Wilfred - - - -	1932
Nettle, Kenneth Ralph - - - -	1948	Ridgway, Frank Reginald - - - -	1938
Neutenkirchen, Hermann Adolph Heinrich - - - -	1912	Riebe, Erwin John - - - -	1929
Newbold, Murray Charles Lewis - - - -	1949	Riley, Olly Beata - - - -	1931
Newman, Kenneth Fisher - - - -	1928	Ringwood, Robert Ainslie - - - -	1939
Nicol, Beryl Elvira - - - -	1943	Rippin, John William - - - -	1949
Oakley, Lyle Beresford - - - -	1949	Roberts, James Andrew - - - -	1935
O'Brien, Paul Dominic - - - -	1937	Roberts, Kenneth James - - - -	1949
O'Dea, John Leonard - - - -	1950	Roberts, Ronald Theodore - - - -	1953
Odgers, Charles Edwin - - - -	1955	Robertson, George Oliver - - - -	1908
O'Donnell, James Richard - - - -	1941	Roennfeldt, John William - - - -	1937
O'Flaherty, Michael Sidney - - - -	1948	Rooney, John Francis - - - -	1928
O'Flaherty, Reginald Kitchener - - - -	1937	Rose, Vivian Clement - - - -	1933
O'Flaherty, William Edward - - - -	1951	Rowe, George Eddy - - - -	1951
O'Grady, Michael James Anthony - - - -	1950	Rungie, Maxton Keith - - - -	1934
O'Grady, Oswald James - - - -	1923	Rush, Douglas Bartlett - - - -	1949
Oliphant, Nigel Besant - - - -	1933	Rush, Herbert Stanley - - - -	1934
Oliver, Edward Bruce - - - -	1935	Russack, Frederick William, jun. - - - -	1927
Oliver, Raymond Charles - - - -	1933	Ryan, William John - - - -	1927
Ophel, Ralph Burnell - - - -	1933	Safra, Benjamin Louis - - - -	1950
Ormond, Colin William - - - -	1943	Sallis, Brian Leonard - - - -	1955
Osborne, Dennis James - - - -	1956	Sambell, Frederick James - - - -	1919
O'Shaughnessy, Ronald - - - -	1957	Sando, Gordon Victor - - - -	1929
Othams, Douglas Geoffrey - - - -	1954	Sarre, James Ayrton - - - -	1938
Padget, Dora Jane - - - -	1928	Sawade, Ronald Frederick - - - -	1954
Paech, Richard Leonard - - - -	1947	Scanlan, Ronald Frederick - - - -	1951
Painter, Edward Websdale - - - -	1920	Schedlich, Bryan Linn - - - -	1951
Palmer, Bruce Cole - - - -	1938	Schirmer, Gerhart Percy - - - -	1942
Paltridge, Angus Lindsay - - - -	1950	Schneider, Wilfred, B.E. - - - -	1932
Pannell, James Ridgway - - - -	1955	Schumacher, Bert Edward Bernard - - - -	1933
Parham, Geoffrey William - - - -	1954	Seaman, Gilbert Frederick - - - -	1935
Park, Gilbert Maxwell - - - -	1923	Searcy, John Dudley - - - -	1934
Parker, Murray Friend - - - -	1956	Seddon, Gordon David LeMessurier - - - -	1939
Parkinson, John Haslam - - - -	1934	Sellers, Norman Lionel - - - -	1923
Parr, Harry Sidney - - - -	1916	Selth, Maurice Burfitt - - - -	1938
Parr, Stanley Robert - - - -	1949	Shaw, Ian William - - - -	1955

Shepherd, Rupert Lloyd - - - -	1927	Treloar, Ronald William - - - -	1949
Sheppard, Bernard Aubrey - - - -	1910	Trigg, Frank Elliot - - - -	1926
Sheppard, John Tyndall - - - -	1928	Trimmer, Noel Donovan - - - -	1950
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	Walch, 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
Stefansky, 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 Linthorne - - - -	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
		Young, Norman Smith - - - -	1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford - - - -	1953	Cook, Gordon James, B.Ec. - - - -	1948
Anthony, Ernest - - - -	1950	Coombe, Albert - - - -	1932
Ashenden, Herbert John - - - -	1957	Coombe, Samuel - - - -	1936
Belcher, Milton Judson - - - -	1937	Coonan, Edward Raymond - - - -	1949
Brooks, Sidney Rundle - - - -	1938	Cottrell, Francis Allan - - - -	1934
Burton, Roy Victor - - - -	1937	Craker, Arthur Ernest - - - -	1932
Carey, Edward John - - - -	1936	Dale, Richard Charles Moritz - - - -	1940
Cavalier, Elizabeth Mary - - - -	1943	Daniel, Claude Alfred Vaughan - - - -	1935
Clark, James - - - -	1938	Davis, Brian - - - -	1952
Collett, Kenneth James - - - -	1953	Deane, Allan Nicholson - - - -	1936
Combe, Bernard Milo - - - -	1937	Dodd, Aubrey Francis Rule - - - -	1948

Doecke, Heinrich Albert - - - -	1931	Ormond, Colin William - - - -	1949
Doig, Malcolm Robert - - - -	1955	Pollnitz, Percy Frederick - - - -	1938
Donaldson, John Monfries - - - -	1936	Pope, Hugh Gilmore - - - -	1932
Doyle, Leo James, LL.B. - - - -	1951	Pretty, Walter Arthur - - - -	1948
Dunstan, Jack Connon - - - -	1952	Priest, Alan Hewett - - - -	1937
Garrett, Frank Prisk - - - -	1956	Reseigh, Claude Edgar - - - -	1934
Gordon, Coleman Guildford - - - -	1939	Roberts, John William - - - -	1953
Griffin, Ray Edwin - - - -	1953	Robinson, David Floyd - - - -	1935
Hammond, Raymond Charles - - - -	1951	Russell, Andrew Earl Lindsay - - - -	1951
Headland, Brian Cobrey - - - -	1956	Ryan, Charles Landers - - - -	1941
Hewett, Alexander Macdonald - - - -	1938	Sando, Maurice Hughes - - - -	1934
Hutchinson, Hugh Morgan - - - -	1940	Segnit, Alick - - - -	1957
Jackson, Harold Ernest - - - -	1935	Simmons, Donald William, B.Ec. - - - -	1950
James, Henry John - - - -	1955	Slade, James Henry Gray - - - -	1932
Jeffery, Charles Frederick - - - -	1934	Smith, Harold Reid, LL.B. - - - -	1949
Johnson, Maxwell Colin - - - -	1953	Temme, Bernhard Robert - - - -	1933
Kay, Harold Edwin - - - -	1938	Thomas, William Henry Oswald - - - -	1947
Laver, Robert William - - - -	1952	Tillett, Arthur Colin - - - -	1950
Lee, Frank Botham - - - -	1937	Voyzey, William - - - -	1952
Lokan, Albert Henry - - - -	1939	Walker, Colin Alexander Dunstan - - - -	1948
Mattingley, Maxwell Albert Percy - - - -	1945	Wellington, Murray Morley - - - -	1949
Menear, Ira, B.A. - - - -	1953	West, Kenneth Charles - - - -	1949
Messent, Esther Mary, B.A. - - - -	1936	Wharldall, Lancelot Arthur - - - -	1953
Millard, Clifford James - - - -	1933	Whitford, Alfred Eugene - - - -	1941
Mitchell, William Robert, B.E. - - - -	1956	Wight, Robert James - - - -	1938
Naylon, Augustin James - - - -	1934	Williams, David John - - - -	1956

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	Brown, Henry, M.A. - - - -	1924
Allen, John Bernard, B.A. - - - -	1942	Brown, Reginald Dutton, B.Ec. - - - -	1947
Allen, Leonard Nicholls, M.A. - - - -	1939	Bull, Winifred, B.A. - - - -	1948
Altmann, Olive Stella, B.A. - - - -	1951	Bunney, Bronte Rowland, B.Sc. - - - -	1957
Altus, Rudolph Herman, M.A. (Melb.) - - - -	1950	Burdon, Ivor Leslie, B.A. - - - -	1945
Anders, Douglas John, B.Sc. - - - -	1947	Burfield, Arthur, B.A. - - - -	1954
Anderson, Alex Gordon, B.Sc. - - - -	1956	Burnard, Charles Robert - - - -	1948
Anderson, Aubrey James Clifton, B.A. - - - -	1948	Burns, Esther - - - -	1949
Argyle, Margaret, B.A. - - - -	1957	Burton, Dudley Hopetoun, B.A. - - - -	1941
Ashenden, Leslie Edward, B.A. - - - -	1952	Butcher, Alan Edward, B.A. - - - -	1933
Aston, Morrell Kenneth, B.A., B.Sc. - - - -	1952	Butler, Kathleen Fiona, B.A. - - - -	1948
Atwell, Leslie George Danks, B.A. - - - -	1941	Campbell, Archibald Herbert, B.A. - - - -	1939
Baddams, Violet Themie, B.A. - - - -	1940	Cannell, Cedric James, B.Sc. - - - -	1942
Barber, Howard Frank, B.A. - - - -	1943	Cant, Alister McKinnon, B.A. - - - -	1944
Barnes, Frederick Lynne, B.Sc. - - - -	1944	Carmen, Noel Francis, B.A. - - - -	1951
Barrett, William Vernon, B.A. - - - -	1951	Carthew, Lancelot, B.A. - - - -	1950
Bartholomaeus, Edmund Stanley, B.A. - - - -	1931	Cavenett, Horace Clifford - - - -	1945
Bartleet, Nancy Irene, B.A. - - - -	1950	Cawte, Frederick George Nelson - - - -	1942
Batchelor, Flossie Elizabeth Reine, B.A. - - - -	1922	Chapman, John Marsden, B.A. - - - -	1940
Baum, Murray Richard, B.A. - - - -	1957	Charlesworth, Thomas William, M.A. - - - -	1947
Bawden, Albert Victor, B.A. - - - -	1942	Clark, Henry William, B.A. - - - -	1954
Beare, Hedley, B.A. - - - -	1956	Clarke, Phil Gregory, B.A. - - - -	1952
Beaumont, Olive Sowter, B.A. - - - -	1943	Cleggett, Lloyd - - - -	1955
Beckwith, Shirley Katie, B.A. - - - -	1948	Close, Maynard Davidson, B.A. - - - -	1948
Bennett, Annie Stevens, B.A. - - - -	1924	Close, Ronald Wilkinson, B.Sc. - - - -	1945
Bennett, Charles Gordon, B.A. - - - -	1934	Coggins, Harold Douglas, B.Sc. - - - -	1955
Bennett, Thomas Southall, B.A. - - - -	1940	Coggins, Robert Symes, B.Sc. - - - -	1952
Bennetts, William Rawling, B.Sc. - - - -	(Western Australia) - - - -	Coleman, Isable Beryl Jean, B.A. - - - -	1949
Bentley, William James, B.A. - - - -	1956	Collins, Charles Vincent, B.A. - - - -	1940
Berry, Frances Winifred, M.A. - - - -	1949	Cornelius, Muriel Merle, B.A. - - - -	1956
Bested, Gordon John, B.A. - - - -	1924	Corrigan, Lawrence Joseph - - - -	1930
Bettison, Margaret Selina, B.A. - - - -	1945	Cosgrove, Bernard Augustin, B.A. - - - -	1945
Biddle, Enid Barbara, B.A. - - - -	1952	Cosh, James Malthouse, B.A. - - - -	1949
Biele, Keith William, B.Ec. - - - -	1949	Counsell, Ruth Kingsley, B.A. - - - -	1955
Bilney, Neil Joseph, B.A. - - - -	1953	Cramer, Gerard Leigh, B.A. - - - -	1952
Boehm, Walter Gotthilf, B.A. - - - -	1947	Cramond, Margaret Mary Alyn, B.A. - - - -	1956
Bone, Maxwell Harold, B.A. - - - -	1955	Cross, Jack - - - -	1957
Boord, Fredrick Hughes, B.A. - - - -	1939	Crowe, Elizabeth Mary, B.A. - - - -	1954
Bourke, Elma Marie, B.A. - - - -	1957	Dack, Thomas, B.A. - - - -	1938
Bray, Elva Mildred, B.A. - - - -	1941	Daddow, Henry Howard, B.A. - - - -	1943
Brazier, John Richard, B.A. - - - -	1943	Davies, Natalia, B.A. - - - -	1940
Brown, Donald Edgar - - - -	1952	Davis, Robert Bruce, B.A. - - - -	1950
	1954	Davison, Gordon William, B.A. - - - -	1938

Daw, William Ronald	- - - - -	1954	Hayward, Walter Richard, B.A.	- - -	1987
Deer, John Gregory, B.Sc.	- - - - -	1956	Healey, Nora Kate, B.A.	- - -	1941
Dennis, Alan Henry, B.A.	- - - - -	1953	Heidenreich, George Bernhardt Franz,	- - -	1949
Dinning, Alfred Ernest, B.A.	- - - - -	1933	B.A.	- - -	1948
Dinning, Rodney Alfred Brady, B.A.	- - - - -	1956	Heinemann, Mervyn Lambert, B.A.	- - -	1948
Donnellan, Teresa Marie, B.A.	- - - - -	1950	Hewitson, Malcolm Thomas, B.A.	- - -	1955
Dowdy, Norman James, B.A.	- - - - -	1949	Hickey, Kathleen Veronica, B.A.	- - -	1950
Downs, George William, B.A.	- - - - -	1948	Higginbottom, Edwin Corlett, B.A.	- - -	1929
Dungeo, Kevin Leonard, B.A.	- - - - -	1944	Higgins, Alfred James, B.A.	- - -	1950
Dunn, Edith Marie, B.A.	- - - - -	1942	Hilbig, Paul Berthold, B.A.	- - -	1965
Dunn, Sydney Stephen, B.A.	- - - - -	1951	Hilton, Arthur Robert, B.A.	- - -	1936
Dyster, Thomas, B.A.	- - - - -	1956	Hirst, Ronald Robert, B.Ec.	- - -	1944
East, Vernon Roy, B.A.	- - - - -	1948	Hiskey, Thomas Alan, B.A.	- - -	1951
Eden, Owen Frederick, B.Sc.	- - - - -	1951	Holland, Joan, B.A.	- - -	1948
Edwards, Victor Wilfred Aicom, B.A.	- - - - -	1948	Holmes, Angus Spooner, B.A.	- - -	1957
Elder, Audrey Olive, B.A.	- - - - -	1950	Hoskins, Howard Berthold, B.A.	- - -	1938
Eley, Agnes May, B.A.	- - - - -	1948	Howard, Ephrem, B.A.	- - -	1940
Evans, Mary, B.A.	- - - - -	1941	Howlett, Nellie Ruth, B.A.	- - -	1944
Ewers, William David, B.A.	- - - - -	1940	Howlett, Philip Thomas Michael, B.A.	- - -	1944
Falkenberg, Walter Edwin, B.A.	- - - - -	1942	Humphries, Arthur Cecil George	- - -	1941
Farmer, Helen Robinson, B.A.	- - - - -	1948	Hutson, Walter William	- - -	1945
Farrell, Edward Francis, B.A.	- - - - -	1944	Hyde, Alan Graham, B.Ec.	- - -	1955
Farrow, Murray Aubrey, B.A.	- - - - -	1947	Ireland, Norman Arthur, B.A.	- - -	1924
Farrow, Robert Murray	- - - - -	1956	Isom, Constance Ruth, B.A.	- - -	1942
Featherstone, Dora Bewlay, B.A.	- - - - -	1923	Jenkin, Alfred John Roseland, B.A.	- - -	1939
Fechner, Martin Johann Traugott, B.A.	- - - - -	1940	Jenkins, Rex Desmond, B.A.	- - -	1943
Fehlberg, Tasman Julius August, B.A.	- - - - -	1942	Johncock, Ernest Harry, M.A.	- - -	1929
Fergusson, George Robert, B.A.	- - - - -	1955	Jolly, William Richard Norman, B.A.,	- - -	1939
Finn, Beatrice Mary, B.A.	- - - - -	1943	B.Sc.	- - -	1939
Fisher, Ruben Walter Alfred, B.A.	- - - - -	1950	Jones, Albert Walter, B.A., B.Sc.	- - -	1939
Fitzgerald, Bartholomew John, B.A.	- - - - -	1932	Jones, Reginald John, B.A.	- - -	1954
Fitzgerald, Clarence Lindsay, B.A.	- - - - -	1954	Jordan, Deidre Frances, B.A.	- - -	1951
Fitzpatrick, Alexander Thomas, B.A.	- - - - -	1954	Judd, James, B.A.	- - -	1956
(Melb.)	- - - - -	1954	Juett, Christina Margaret, B.A.	- - -	1943
Fitzpatrick, Clifford George, B.Sc.	- - - - -	1952	Kean, Eileen Margaret, M.A.	- - -	1954
Flower, Clifford Horace Kenneth Dunn,	- - - - -	1928	Kearney, Bernard James	- - -	1949
B.Sc.	- - - - -	1942	Kelly, Ellen, B.A.	- - -	1934
Flynn, Kevin John, B.A.	- - - - -	1939	Kenny, Martin Lance, B.A.	- - -	1942
Forbes, William, B.A.	- - - - -	1950	Keon-Cohen, Russell Hallel, M.A.	- - -	1947
Forsyth, Elliott Christopher, B.A.	- - - - -	1951	(Melb.)	- - - - -	1947
Frickey, Lyall Peterie, B.Sc.	- - - - -	1945	Kerin, John Francis, B.A.	- - -	1956
Fulton, Gwen Evelyn Hamilton, M.A.	- - - - -	1954	Kerslake, William James	- - -	1942
Gann, Eric Crump, B.A.	- - - - -	1938	Kesting, Louis John, B.A.	- - -	1945
Gare, Lloyd, B.Sc.	- - - - -	1955	Keynes, Nanette Joan, B.A.	- - -	1950
Gaskell, Joan Mary, B.A.	- - - - -	1949	Kies, Alick Andrew, B.A.	- - -	1948
Gazard, Geoffrey Albion	- - - - -	1950	Kildea, Mary Francis, B.A.	- - -	1941
Gent, Alan Franklin, B.A.	- - - - -	1952	Klaebe, Ruth Adelaide, B.A.	- - -	1951
Georg, Victor Gerhard, B.A.	- - - - -	1927	Kloeden, Louis Adolph, B.A.	- - -	1951
Gerlach, Max Johann, B.A.	- - - - -	1949	Knauerhase, Oscar Carl, B.A.	- - -	1938
Gibbs, Alfred Lewis Burnand	- - - - -	1942	Koehne, Raymond Percy, B.A.	- - -	1948
Gibson, Ernest Stephen Harvey, M.Sc.	- - - - -	1940	Kohler, Bryce Leonard Percival	- - -	1955
Gibson, Gladys Ruth, B.A.	- - - - -	1953	Laidlaw, William Clarke, B.A.	- - -	1940
Gibson, Graham Coyne, B.A.	- - - - -	1943	Lamacraft, Kenneth Ronald Ross, B.A.	- - -	1955
Giersch, Leonard Ernst, B.A.	- - - - -	1950	Lamey, Charles Sydney, B.A.	- - -	1937
Gilchrist, Robert James	- - - - -	1940	Lang, Ian Philip, B.Sc.	- - -	1957
Gill, Clarence William, B.A.	- - - - -	1935	Laslett, Ian John, B.Sc.	- - -	1954
Glastonbury, Dudley Ivan, B.A., B.Sc.	- - - - -	1934	Lawry, Reginald Arthur, B.A.	- - -	1947
Glastonbury, James Oliver Garnet, B.A.,	- - - - -	1950	Leach, William Valentine, M.A. Dip.	- - -	1928
B.Sc.	- - - - -	1951	Econ.	- - - - -	1949
Glynn-Roe, Wilfred Joseph	- - - - -	1951	Lemcke, Vincent Andrew Howard, B.A.	- - -	1955
Golding, Edmond William, B.A.	- - - - -	1954	Lemmey, Ford Prall, B.A.	- - -	1947
Golding, Phyllis May, B.A.	- - - - -	1951	Lewis, Leonard Arthur, B.Sc.	- - -	1948
Goldsworthy, John Garfield, M.A.	- - - - -	1954	Lewis, Raymond Douglas, B.Sc.	- - -	1950
Goldsworthy, Reuben, B.Sc.	- - - - -	1940	Lillecrapp, Douglas Arthur Julian, B.A.	- - -	1930
Graham, Mary Theresa, M.A.	- - - - -	1940	Lushey, Harold Merton, M.A.	- - -	1950
Green, Richard Maslen, B.A.	- - - - -	1928	Lynch, John Henry, B.A.	- - -	1942
Griggs, Clarence Middleton, B.Sc.	- - - - -	1951	McCarthy, Bernard, B.A.	- - -	1945
Grosvenor, Edna Mary, M.A.	- - - - -	1940	McCullough, Amy Margaret, B.A.	- - -	1945
Gunton, James Donald, B.A.	- - - - -	1955	McDonald, Donald Stuart, B.A.	- - -	1934
Haden, John Forbes, B.A.	- - - - -	1952	McDonald, Gilbert Sherman, B.A.	- - -	1938
Haese, Frederick Ernest Douglas, B.A.	- - - - -	1949	McDonald, John Hunter, B.A.	- - -	1940
Hansberry, John Pierce, B.A.	- - - - -	1953	McDonald, Percy William, B.A.	- - -	1957
Hansberry, Mary Estelle, B.Sc.	- - - - -	1954	McDonald, Peter Baker, B.A.	- - -	1947
Hansen, Ian Victor, B.A.	- - - - -	1941	McElroy, Anthony Godfrey	- - -	1942
Harper, Ronald George, B.A.	- - - - -	1949	McEvoy, Aloysius John, B.A.	- - -	1940
Harrington, Colin	- - - - -	1955	McGowan, George Murray, B.A.	- - -	1945
Harrip, Brian John, B.A.	- - - - -	1934	McIntosh, Florence	- - - - -	1938
Harris, Donald Dunstan, M.A.	- - - - -	1940	McKay, Malcolm William, B.A.	- - -	1936
Harris, Dudley Andrew, B.A.	- - - - -	1950	McKinnon, Robert Campbell, B.A.	- - -	1954
Harris, Lorna Muriel, B.A.	- - - - -	1948	McLay, Andrew Harold, B.A.	- - -	1951
Harris, Shirley Joyce, B.A.	- - - - -	1950	McLean, Murray Colin, B.A.	- - -	1936
Hart, Arthur Maxwell	- - - - -	1938	McLean, Reginald Alexander, B.A.	- - -	1939
Harvie, Sydney Haral, B.Sc.	- - - - -	1952	McMurtie, Alfred Ian, B.A.	- - -	1939
Hasenohr, Edward, B.A.	- - - - -	1952	McMurtie, Colin, B.A.	- - -	1939
Hauser, Frederick Herbert, B.A.	- - - - -	1934	McPharlin, Alison Tudor, B.A.	- - -	1957

McPherson, Alexander Owen, M.A., B.Sc. - - - - -	1939	Pryor, Eric John, B.A. - - - - -	1941
Macklin, Laura Muriel Caterer, B.A. - - - - -	1939	Purslow, Martin, B.A. - - - - -	1956
Macklin, William Charles, B.Sc. - - - - -	1956	Pyne, Maurice Ignatius, B.A. - - - - -	1929
Macpherson, Reginald Murray, B.A. - - - - -	1948	Rabone, Harry Klements Percival, B.A. - - - - -	1941
Magor, Clifford James, M.A. - - - - -	1945	Radcliffe, Sheila, B.A. - - - - -	1953
Magor, Irvine Frank, B.A. - - - - -	1943	Ray, Marjorie, B.A. - - - - -	1951
Manuel, Deane James Hubert, B.Ec. - - - - -	1952	Read, Philip Andreas, B.A. - - - - -	1941
Marshall, Herbert Edmund, B.A. - - - - -	1941	Redden, Martin Philip, B.A. - - - - -	1934
Marshman, Ashley Mead, B.A. - - - - -	1950	Reed, Barbara - - - - -	1954
Martin, Alfred William, B.A. - - - - -	1953	Rendell, Alan, Dip.Econ. - - - - -	1929
Martin, Amalia Anna, B.A. - - - - -	1941	Renner, Johannes Theodore Erich, B.A. - - - - -	1954
Martin, Maurice Leon, B.A., B.Sc. - - - - -	1955	Reynolds, Maxwell Stanley, B.A. - - - - -	1950
Martin, Ralph Keith, B.A. - - - - -	1948	Richards, Gordon Alfred, B.A. - - - - -	1940
Martin, Walter Raymond, B.A. - - - - -	1941	Richards, William Edward, B.A. - - - - -	1953
Maschmedt, Zillah Daisy, B.A. - - - - -	1940	Riedel, Felix Daniel, B.A. - - - - -	1954
Matters, Horace John - - - - -	1950	Roberts, Beatrice Enid Lloyd, B.A. (Bristol) - - - - -	1957
Matthews, Richard Trahair, B.A. - - - - -	1943	Robinson, Samuel Foster - - - - -	1922
Mattingley, Brian John, B.A. - - - - -	1939	Robson, Bruce Neville, B.Sc. (Tasmania) - - - - -	1956
May, Dorothy Mary, B.A. - - - - -	1948	Rodgers, Frances Ada, B.A. - - - - -	1938
May, Leonard Seymour, B.Sc. - - - - -	1939	Roehrs, Herma Erika, B.A. - - - - -	1953
Maynard, Donald Archer Scott, B.Sc. - - - - -	1940	Rogers, Ruth Nellie, B.A. - - - - -	1956
Maguire, John Charles, B.A. - - - - -	1947	Rooney, Clifford, B.Sc. - - - - -	1938
Measday, Ellen May, B.A. - - - - -	1947	Rooney, Lois Josephine, B.A. - - - - -	1948
Measday, Shirley, B.A. - - - - -	1949	Rudd, Kenneth Clive, B.A. - - - - -	1947
Middleton, Melville John William, B.A. - - - - -	1943	Ryan, Michael Rupert, B.A. - - - - -	1941
Miller, Annie Rose, B.A. - - - - -	1948	Sage, Harold Robert, B.A. - - - - -	1954
Milne, Annie Johnson, B.A. - - - - -	1939	Sandercock, Alfred Mervyn, B.A. - - - - -	1938
Mitchell, Annie Nora - - - - -	1938	Sando, Clarice Melva - - - - -	1955
Molloy, Raymond Brian, B.A. - - - - -	1951	Saunders, Bryan Gordon Reginald, B.A. (North Staff.) - - - - -	1957
Morris, John Lennox, B.A. - - - - -	1954	Searle, Clifford Alfred James, B.A. - - - - -	1940
Mueller, Edwin Albert, B.A. - - - - -	1954	Scriven, Murray Walter, B.A. - - - - -	1950
Mueller, Rae Vernon, B.Sc. - - - - -	1954	Sexton, Edgar Raymond, B.A. - - - - -	1935
Muetzelfeldt, Elfriede, B.A. - - - - -	1941	Sharman, Florence Mary, M.A. - - - - -	1923
Mules, Betty Lavina, B.A. - - - - -	1950	Shaw, John Robert Stockdale, M.A. - - - - -	1942
Mundy, Kevin Arnold, B.A. - - - - -	1942	Shaw, Kate Hambly, B.A. - - - - -	1937
Murphy, Mary, B.A. - - - - -	1938	Shepherd, John Alfred, B.A. - - - - -	1942
Murphy, Shylie Patricia, B.A. - - - - -	1948	Shinkfield, Anthony James, B.A. - - - - -	1957
Murrie, Jill Margaret, B.A. - - - - -	1957	Shrowder, Ronald Louis, B.A. - - - - -	1943
Nicholas, Rowland John, B.A. - - - - -	1944	Simpson, Penelope Margaret, B.Sc. - - - - -	1953
Nicholls, Barbara Ruru, B.A. - - - - -	1947	Slee, Dugald Haughton, B.A., B.Sc. - - - - -	1940
Nichterlein, Frieda Pauline, B.A. - - - - -	1955	Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956) - - - - -	1951
Nickolai, Max Ronald, B.Sc. - - - - -	1955	Smallacombe, Roy Frederick, B.A. - - - - -	1955
Nietz, Arno Oscar, B.A. - - - - -	1953	Smith, David Carswell, B.A. - - - - -	1939
Ninnes, Arthur Reginald, B.A. - - - - -	1944	Smith, Edward Rowland, B.Sc. - - - - -	1945
Noblett, Hedley Lindsay, B.A. - - - - -	1939	Smith, Henry Elliott Wesley, B.A. - - - - -	1938
O'Brien, Francis John Romuald, B.A. - - - - -	1954	Smith, Joan Francis, B.A. - - - - -	1953
Ockenden, Carth Palmer - - - - -	1950	Smith, John Fife, B.A. - - - - -	1939
O'Connell, William Bernard, M.A. - - - - -	1945	Smith, John Henry, A.U.A. - - - - -	1955
O'Connor, Peter Joseph, B.A. - - - - -	1955	Smith, Sheila Isabel Wesley, B.A. - - - - -	1947
O'Malley, John Edwin, B.A. - - - - -	1949	Sobey, Iris Beatrice, B.A. - - - - -	1956
O'Neill, Cornelius Patrick, B.A. - - - - -	1951	Sparrow, Stanley Carr, B.A. - - - - -	1939
O'Neill, Maguerite, B.A. - - - - -	1950	Sparrow, Lorna Discombe, M.A. - - - - -	1941
Osman, Neile, M.A. - - - - -	1948	Stead, Sydney Arnold, B.Sc. - - - - -	1949
Owen, Gwenyth Winsome, B.A. - - - - -	1945	Stodart, Barbara Joan, B.A. - - - - -	1957
Page, Eleanor Florence, B.A. - - - - -	1943	Storch, Wilhelm Murray, B.A. - - - - -	1949
Paikes, Roy Frederick Walter - - - - -	1952	Strahan, Anthony William, B.A. - - - - -	1939
Parkinson, Kevin John, B.Sc. - - - - -	1955	Sugg, Bentham Horace, B.A. - - - - -	1940
Parsons, Edward Clarence, B.A. - - - - -	1941	Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943) - - - - -	1939
Parsons, William Ross, B.A. - - - - -	1951	Symonds, Wybert Milton Caust, B.Sc. - - - - -	1939
Pash, Hannah Rita, B.A. - - - - -	1934	Tapp, Adrian, Lynda, B.A. - - - - -	1928
Paull, Alec Gordon, M.A., B.Sc. - - - - -	1934	Ternan, Verna Joyce, B.A. - - - - -	1945
Payne, George Basil, B.A. - - - - -	1938	Theobald, Howard Wesley - - - - -	1954
Pearce, Alfred Moreton, B.A. - - - - -	1953	Thiele, Colin Milton, B.A. - - - - -	1947
Pearce, Charles Clifton, B.A. - - - - -	1940	Thompson, Douglas Norman, B.Sc. - - - - -	1955
Pearman, Reginald John, B.Sc. - - - - -	1957	Thompson, William, B.A. - - - - -	1941
Pearson, Howard James, B.A. - - - - -	1941	Tiller, Kenneth Matthew John, B.A., B.Sc. - - - - -	1956
Pearson, Leslie Norman, B.A. - - - - -	1943	Tomlinson, Betty Mary, B.A. - - - - -	1950
Pedlow, Clarice, B.Sc. - - - - -	1944	Tonkin, Mary Elizabeth, B.A. - - - - -	1952
Pennicott, Ralph William - - - - -	1953	Torr, Shirley Constance - - - - -	1944
Pennington, Beryl, B.A. - - - - -	1945	Townsend, Herbert Louis, B.A. - - - - -	1945
Penny, Hubert Harry, B.A. - - - - -	1930	Traeger, Keith Terence, B.A. - - - - -	1950
Perry, Dulcie May, B.A. - - - - -	1941	Treasure, Eunice Jessie, B.A. - - - - -	1947
Peters, George Francis, B.Sc. - - - - -	1953	Treasure, Valda Beth, B.A. - - - - -	1953
Peterson, Jean Clarice, B.A. - - - - -	1942	Tregenza, Sydney Lloyd, B.A. - - - - -	1935
Phillips, Gordon Gilbert, B.A. - - - - -	1947	Trenorden, James Henry - - - - -	1945
Pitman, Beresford Ernest, B.A., B.Sc. - - - - -	1949	Trudinger, Ronald Martin, B.A. - - - - -	1944
Polkinghorne, Keith, B.A. - - - - -	1939	Tuckwell, Eric Clavering, B.A. - - - - -	1945
Porter, Harold George, B.A. - - - - -	1942	Tuckwell, Kenelm Sinclair, B.A. - - - - -	1945
Power, Frances Maureen, B.A. - - - - -	1956	Turner, Constance Mary, B.A. - - - - -	1954
Price, Ione Dorothy, B.A. - - - - -	1949	Twartz, Arnold Frederick, B.Sc. - - - - -	1944
Prime, Andree Joyce, B.A. - - - - -	1949		
Proctor, Ivy Millicent, B.A. - - - - -	1939		
Provis, Douglas Franklin, B.Sc. - - - - -	1953		

Twartz, Clement Wilford	- - - -	1950	White, Stanley Noel, B.A.	- - - -	1957
Verral, Raymond Wilfred, B.A.	- - - -	1942	Whitelaw, Albert James, B.A., B.Sc.	- - - -	1945
Vickery, Frederick Arthur, M.A.	- - - -	1935	Whittle, Edith Julia, B.A.	- - - -	1954
Wache, Ethel Mabel, B.A.	- - - -	1941	Wilkins, Ray Eber, B.A.	- - - -	1950
Wachtel, Heinrich Lenhart, A.U.A.	- - - -	1956	Wilkinson, Donald Cameron, B.A.	- - - -	1955
Waite, Jack Francis Enos, B.A.	- - - -	1939	Wilksch, Betty Ruth, B.A.	- - - -	1953
Wakeford, Sidney Claud, B.A.	- - - -	1939	Willcocks, Robert Douglas, B.Sc.	- - - -	1954
Walker, Gilbert John, B.A.	- - - -	1944	Williams, Arthur Charles, B.Sc.	- - - -	1955
Wallace, Francis Joseph	- - - -	1953	Williams, George Esson Keith, B.A.	- - - -	1941
Walter, Denys	- - - -	1955	Williams, George Mervyn, B.Sc.	- - - -	1957
Ward, Margaret Kennings, B.A.	- - - -	1953	Williams, James Henry, B.A.	- - - -	1922
Warren, Donald Hampton, B.A.	- - - -	1955	Williams, Phillip Glenly, B.A.	- - - -	1943
Warren, Sidney Lilla, B.A.	- - - -	1927	Williams, Walter Leslie, B.A.	- - - -	1949
Watkinson, Mavis Daphne, B.A.	- - - -	1942	Willington, Lloyd Stanley	- - - -	1950
Wattchow, Colin Edward, B.A.	- - - -	1954	Wills, Lindsay Arthur, B.A.	- - - -	1956
Wauchope, Mavis Lorelie, B.A.	- - - -	1929	Wilson, Francis Patrick	- - - -	1943
Waugh, William McDonald, B.A.	- - - -	1952	Wilson, Jack Woodrow, B.Sc.	- - - -	1943
Wayne-Smith, Reginald John	- - - -	1953	Wilson, Luther Ernest Crosby, M.A., B.Sc.	- - - -	1939
Webb, Emmaline Nancy, B.A.	- - - -	1952	Wood, Allen Edwin, B.A.	- - - -	1947
Welsh, James Oglesby, B.A.	- - - -	1951	Wright, Angus Stanley, B.Sc.	- - - -	1939
Westgarth, Walter Tebble, B.A.	- - - -	1928	Zoratti, Alba Pierina, B.A.	- - - -	1949
Whalan, Lionel Walter, B.A.	- - - -	1950			
Whitburn, Jack, B.A.	- - - -	1935			

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	- - - -	1955	Horvat, Ludovic Henry	- - - -	1941
Allen, Ursula Margaret	- - - -	1957	Ising, Margaret Lucy	- - - -	1942
Allert, Margaret Elizabeth	- - - -	1943	Jensen, Richard Ian Broughton	- - - -	1950
Angwin, Helen Mary	- - - -	1952	Kidman, Elizabeth Duncan	- - - -	1942
Arthur, Lawrie Edyvean	- - - -	1949	Laycock, Geoffrey Clinton	- - - -	1948
Aspinall, Nancie Jean	- - - -	1944	Lines, Beryl Linda	- - - -	1952
Astley, Margaret Helen	- - - -	1953	McDowall, James	- - - -	1952
Baker, Mary Elizabeth	- - - -	1942	McGargill, Gordon Winstanley	- - - -	1949
Barker, Leon James Frank	- - - -	1957	MacGillivray, Leith Grant	- - - -	1951
Barnett, Frederick Ian	- - - -	1956	Maddocks, Jean Kinloch	- - - -	1944
Beare, Lynden Day	- - - -	1954	Mellish, Mary Evelyn	- - - -	1954
Bell, Thomas Clive Lithgow	- - - -	1948	Mutton, Howard James Charles	- - - -	1948
Betteridge, Pamela Beth	- - - -	1951	Newman, Shirley Lena	- - - -	1954
Braham, Henry Arnold Collyer	- - - -	1951	Nixon, Valerie Colinette	- - - -	1955
Brooks, Charles Alfred	- - - -	1945	Noble, Alan	- - - -	1956
Bullock, Ivor George William	- - - -	1950	O'Loughlin, Ruth Dorothy	- - - -	1945
Cadzow, Leslie Consort	- - - -	1949	Page, Ronne Earle	- - - -	1944
Chapman, Denise Alcon	- - - -	1950	Proctor, Ivy Millicent, B.A.	- - - -	1945
Cook, Heather Mignon	- - - -	1947	Pugh, Elizabeth	- - - -	1949
Cooper, Brian James	- - - -	1954	Reynolds, Maxwell Stanley	- - - -	1944
Coppock, Jeanetta May	- - - -	1943	Roberts, Owen David	- - - -	1947
Crisp, Brian Rex	- - - -	1952	Rowe, Joy Dorothy	- - - -	1950
Delanty, Patricia Hickford	- - - -	1949	Schuetz, Harold Edwin	- - - -	1947
Delsar, Frederick William	- - - -	1949	Sibly, John Maslin	- - - -	1956
Drabsch, Alfred Felix, B.A.	- - - -	1947	Sladden, Jefford Desmond	- - - -	1949
Duffield, Valma Jean	- - - -	1953	Telfer, Iris Claire	- - - -	1956
Eldridge, Diana Melbourne	- - - -	1950	Thomas, Margaret Anne	- - - -	1945
Farmer, Judith Ellen	- - - -	1957	Torr, Alison Ruth	- - - -	1950
Fromen, Petrea Elsie Dora	- - - -	1950	Tuckwell, Patricia Glenne	- - - -	1957
Grace, Gloria Dawn	- - - -	1951	Watson, Margaret	- - - -	1953
Green, Ralph Noel	- - - -	1952	Williams, Margaret Gordon	- - - -	1942
Halsey, Trevor Geoffrey	- - - -	1954	Wollaston, Elsie Margaretta, B.Sc.	- - - -	1950
Haslam, Denise Allison	- - - -	1949	Wollaston, Philip Hamilton	- - - -	1954
Hodgson, Geoffrey Arthur	- - - -	1950	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, Alan	- - - -	1923
Leach, William Valentine, M.A.	- - - -	1925	Skitch, Cecil Ernest Lee	- - - -	1929
Locksley, Maurice	- - - -	1923	Smith, John Fite	- - - -	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

Anderson, Gwendoline Eva	- - - -	1947	Bardolph, Donald Harold	- - - -	1952
Anderson, Ronald Alexander	- - - -	1944	Bardolph, June Mary	- - - -	1954
Andrews, Erson Leonard	- - - -	1939	Barnes, Donald Stalley	- - - -	1947
Ardill, David Anthony	- - - -	1953	Barnes, Herb	- - - -	1944
Bahnish, Noel	- - - -	1945	Bartold, Geoffrey Paul	- - - -	1947
Bailey, Geoffrey Reginald	- - - -	1948	Bassett, Murray Maxwell	- - - -	1948
Bajorunas, Andrius	- - - -	1957	Bazeley, William Joseph	- - - -	1945
Ball, Gerald Benjamin	- - - -	1953	Beaty, Edward William	- - - -	1954
Ball, Peter Crowden	- - - -	1955	Beckinsale, Ronald Herbert	- - - -	1949
Bannister, Neil Prescott	- - - -	1956			

Beilby, Jack Canavan - - - - -	1947	Eckersley, Malcolm Russell - - - - -	1939
Bentley, Alan - - - - -	1937	Egar, Paul Gerard - - - - -	1949
Bentley, Deryck Edward - - - - -	1947	Elix, Robert Hugo - - - - -	1935
Bertram, John Stanley - - - - -	1957	Entwistle, John - - - - -	1947
Billing, Robert Heaton - - - - -	1953	Evans, Anthony Greig - - - - -	1945
Bishop, Ronald Lancelot - - - - -	1951	Evans, Margaret Ann - - - - -	1956
Bishop, William Victor - - - - -	1949	Evely, Roderick Harding - - - - -	1938
Blanks, William Bennett - - - - -	1957	Everett, John Kingsley - - - - -	1953
Booth, Thomas Sheldon - - - - -	1937	Ey, William Theodor - - - - -	1937
Bourne, John Wallace - - - - -	1943	Farley, Donald Charles - - - - -	1955
Bowen, Frederick Lloyd - - - - -	1939	Feist, Colin Sydney - - - - -	1957
Bowey, Allan Edgar - - - - -	1938	Fenn, Donald George - - - - -	1950
Brady, Michael Ignatius - - - - -	1954	Field, Arthur Blackiston - - - - -	1942
Branson, Robert Rolling - - - - -	1937	Fisher, Robert Hilson - - - - -	1942
Brett, Jack Nethersole - - - - -	1938	Fitzgerald, Ian Thomas Francis - - - - -	1957
Brewster, Cora Elaine - - - - -	1948	Fitzgerald, Robert John - - - - -	1940
Brice, Robert Hosking - - - - -	1954	Flaherty, Howard Norman - - - - -	1947
Broad, Lionel Hugh - - - - -	1943	Fleer, Eric Donald - - - - -	1952
Broadbent, Frank Brooker - - - - -	1957	Flood, Harry Brougham - - - - -	1951
Brougham, Robert Joffre - - - - -	1940	Flood, John Warden - - - - -	1953
Brown, Donald Thomas - - - - -	1956	Folkert, Marina - - - - -	1957
Brown, Ronald Emanuel - - - - -	1944	Francis, Robert Leonard - - - - -	1950
Buik, Donald Andrew John - - - - -	1954	Fraser, Wallace - - - - -	1950
Burge, Raymond Henry - - - - -	1936	Frazer, Kenneth John - - - - -	1952
Burns, John Vernon - - - - -	1956	Frearson, Harold Thomas - - - - -	1939
Butler, Richard James - - - - -	1954	Freeman, Colin Charles - - - - -	1944
Cacas, James George - - - - -	1956	Freeman, John Christian - - - - -	1943
Callaghan, Maxwell John - - - - -	1951	Fricker, Yvonne June - - - - -	1954
Callaghan, Roy Hugh - - - - -	1948	Funder, Eileen Mary - - - - -	1935
Campbell, Margaret Diane - - - - -	1956	Gameau, John Lewis - - - - -	1936
Carlier, Ellis Gladstone - - - - -	1951	Garrett, Philip Douglas - - - - -	1953
Carnie, John Alfred - - - - -	1950	Cartrell, Roger - - - - -	1936
Cauglit, James Gardiner - - - - -	1935	Gaunt, Norman William - - - - -	1934
Cavanagh, Robert Edwin - - - - -	1936	Gerard, Nancy Joy - - - - -	1955
Cawte, Brian Vincent - - - - -	1957	Gibson, Elaine Emmalene - - - - -	1957
Chapman, Avis Carol - - - - -	1952	Gilbert, Harold William - - - - -	1947
Cheek, Harold Dudley - - - - -	1939	Gillespie, Keith Herbert - - - - -	1939
Cheek, Robert - - - - -	1953	Glastonbury, Kevin Brian - - - - -	1955
Chesney, Robert George - - - - -	1955	Goldsack, Glen Ronald - - - - -	1957
Chodowski, Samuel Mendel - - - - -	1941	Goscombe, David Bevan - - - - -	1952
Clampett, Richard Blackmore - - - - -	1956	Gould, Ashton Noye - - - - -	1938
Clancy, Ross Percival - - - - -	1945	Grimes, Charles Lindsay - - - - -	1952
Clark, Arthur Wellesley - - - - -	1934	Grist, Robert Hocart - - - - -	1951
Clarke, Trevor Keith - - - - -	1945	Grooby, John David - - - - -	1951
Clarke, Vinrace Lisle - - - - -	1936	Grove, William Murray - - - - -	1939
Clarke, William Graham - - - - -	1947	Grummet, Philip Hodgson - - - - -	1956
Cocks, David Gordon - - - - -	1956	Gryst, Helen - - - - -	1948
Coleman, Ronald George - - - - -	1947	Gryst, Peter Mervyn - - - - -	1943
Coles, Herbert Desmond - - - - -	1953	Gryst, Ross Edward - - - - -	1952
Connell, Myles Patrick - - - - -	1949	Guthrie, John Vincent - - - - -	1948
Cooper, Nancy Marina - - - - -	1956	Gwynne, Robert Frank - - - - -	1935
Coorey, Brian Norman - - - - -	1950	Haddy, Kenneth Ian - - - - -	1955
Cornish, John Neil - - - - -	1956	Hall, Thelma Dorothy - - - - -	1937
Cosgrove, Peter Brian Anthony - - - - -	1957	Hammatt, Edwin Laurence - - - - -	1948
Coultas, Ronald John - - - - -	1950	Hammond, Joy Dorrita - - - - -	1955
Cox, Peter John - - - - -	1951	Hanna, Robert Andrew - - - - -	1951
Cracknell, John James - - - - -	1953	Hardwick, Bernice - - - - -	1949
Crafter, Kenneth Charles - - - - -	1938	Hardy, Stuart Edward - - - - -	1936
Crago, Reginald Allen - - - - -	1951	Harnett, Gilbert Barry - - - - -	1955
Craig, Lloyd Albert - - - - -	1941	Harvey, Marie Jeanne - - - - -	1956
Croft, Mary Ellen - - - - -	1954	Hawson, William Francis - - - - -	1952
Crowley, Frank Noah - - - - -	1953	Hayter, Bruce William - - - - -	1951
Curnow, Thomas Martin - - - - -	1942	Hearn, Walter Joseph - - - - -	1945
Currie, Robert John - - - - -	1950	Heint, Eduard Evald - - - - -	1956
Cushway, Albert Len - - - - -	1954	Hemmings, Thomas Prior - - - - -	1945
Daniell, Ross Wilfrid - - - - -	1938	Hennessy, Claude Harold - - - - -	1940
Darwin, Lloyd Edwin - - - - -	1943	Hennessy, Ian Nicolson - - - - -	1955
Davies, Jonathan - - - - -	1953	Hession, John Eric Martin - - - - -	1941
Davis, John Lloyd - - - - -	1953	Hibble, Ross Ernest - - - - -	1950
de Brenni, Jules - - - - -	1944	Higgins, Gordon Leslie - - - - -	1949
de Waard, Pieter Carl - - - - -	1955	Hill, Dudley Clarke - - - - -	1950
Dent, Athlea Ada Lorraine - - - - -	1953	Hillman, Eric Anthony - - - - -	1954
Dixon, John Miller - - - - -	1953	Hodgson, Alan David - - - - -	1956
Doe, Alwyn Gilbert - - - - -	1951	Holder, Reuben Clement - - - - -	1953
Dolman, John George - - - - -	1951	Hole, Ronald - - - - -	1952
Donohue, John Sylvestre - - - - -	1957	Holland, Bernard John - - - - -	1952
Dowding, Ruth Elma - - - - -	1948	Hopewell, Edward Wallace - - - - -	1951
Downie, Sydney Andrae - - - - -	1940	Hosking, Allen Edwin - - - - -	1934
Drake, Peter Richard - - - - -	1954	Huber, Waldemar Richard - - - - -	1957
Duggin, Ivan James - - - - -	1956	Hulbert, Russell George - - - - -	1938
Duncan, John Davidson - - - - -	1950	Humble, William Gilbert - - - - -	1954
Dundon, Laurence James - - - - -	1942	Humphrys, Arnold Clarence John - - - - -	1951
Dundon, Noel Francis - - - - -	1949	Hunt, Laurence August - - - - -	1953
Dunstone, Kenneth William Thomas - - - - -	1943	Hutchins, Ross - - - - -	1942

Huxtable, Colin Stanley	- - - -	1948	Moriarty, Vincent John	- - - -	1957
Huxtable, Kenneth Clarence	George	1949	Morony, Graham Tylor	- - - -	1955
Jackson, John William	- - - -	1957	Mosel, Donald	- - - -	1945
Jacobs, Philip Arthur	- - - -	1952	Mudie, Robert Charles Wedderburn	- - - -	1952
Jeffrey, John Leigh	- - - -	1956	Mudie, Stuart Mayelston	- - - -	1953
Jeffs, Percival Lancelot	- - - -	1938	Mugg, Gordon Murrie	- - - -	1940
John, Clarence Gilmore	- - - -	1948	Munyard, Patricia Carlene	- - - -	1957
Johnson, John Kenneth	- - - -	1950	Nagy, Akos	- - - -	1957
Johnson, Keith Douglas	- - - -	1941	Netting, Keith Cameron	- - - -	1956
Johnson, Leonard	- - - -	1945	Newbery, Betty Hilda	- - - -	1947
Johnson, Owen Royce	- - - -	1956	Newbery, Donald Ernest	- - - -	1944
Johnston, Edwin John	McCallum	1938	Newbery, John Henry Edward	- - - -	1947
Jolly, Norman Dickson	- - - -	1939	Newson, Clarence Alfred	- - - -	1941
Jones, Douglas Perry	- - - -	1950	Nicholas, Cecil David	- - - -	1941
Justin, John Herbert	- - - -	1942	Nicholls, Brian Charles	- - - -	1949
Kain, Coleman Lawrence	- - - -	1938	Nicholls, William John	- - - -	1956
Kamm, Geoffrey Norman	- - - -	1955	Nicholson, Joan Valma	- - - -	1957
Kasdoba, Lydia	- - - -	1957	Norman, Alfred James	- - - -	1935
Kean, Christopher James	- - - -	1953	Norman, Jack Campbell	- - - -	1951
Keipert, Paul Howard	- - - -	1942	O'Callaghan, Neil Edward	- - - -	1956
Kentish, Frank Stow	- - - -	1952	O'Connor, Brian Thomas	- - - -	1954
Kildea, John Brian	- - - -	1952	Odgers, Murray Grenfall	- - - -	1933
Kimber, Hubert Thomas	- - - -	1937	Offe, Garth Ian Hamilton	- - - -	1940
Kimber, Malcolm John	- - - -	1956	Ongley, John Henry Albert	- - - -	1936
King, David McMillan	- - - -	1957	O'Reilly, Dominic Patrick John	- - - -	1941
Kinnear, Gerald Campbell	- - - -	1955	Orr, Fay Patricia	- - - -	1954
Kinsley, John Vere	- - - -	1938	Otto, John Leyland	- - - -	1954
Kirby, David Bevan	- - - -	1940	Pain, John Shannon	- - - -	1955
Klaffer, Ralph	- - - -	1954	Pak Poy, Wilfred Cecil	- - - -	1952
Knightley, Harold Alan	- - - -	1948	Palape, Janis Zanis	- - - -	1954
Knill, Douglas William	- - - -	1940	Palk, Michael John	- - - -	1955
Laffer, Mildred Emily	- - - -	1935	Parker, Colin John	- - - -	1954
Lalor, William Brian	- - - -	1935	Parker, Rex Carleton	- - - -	1934
Larwood, Patricia Myrtle	- - - -	1947	Parsons, Donald Allan	- - - -	1952
Lawton, Brian Eley	- - - -	1949	Paterson, Kevin Walter	- - - -	1955
Lazare, Marcel Bancio	Issac	1956	Patrick, Reginald Ross	- - - -	1942
Leak, Weston Hugh	- - - -	1939	Patterson, Ronald Thomas	- - - -	1939
Lean, Albert Gordon	- - - -	1938	Pawson, Keith Curry	- - - -	1952
Lean, Keturah Victoria	- - - -	1935	Payne, Beryl June	- - - -	1952
Lee, Thomas Ian	- - - -	1954	Peck, Donald Harvey	- - - -	1947
Lenihal, Douglas Lionel	- - - -	1936	Penhall, Donald Frederick James	- - - -	1951
Lever, Lionel Alfred	- - - -	1952	Penney, Donald Ross	- - - -	1952
Lewis, Loulie Maxine	- - - -	1949	Phanchet, Chantance	- - - -	1957
Leysion, Stephen Noel	- - - -	1954	Phelps, Kevin George	- - - -	1952
Lloyd, Jack Maxwell	- - - -	1955	Phillips, Yvonne Ruth	- - - -	1953
Lock, Peter Bayard	- - - -	1943	Philp, Harold John	- - - -	1953
Lokan, Elaine Beryl	- - - -	1957	Physick, William Alick	- - - -	1940
Lovell, Barbara Jean	- - - -	1948	Pickering, John Ronald	- - - -	1953
Lower, Rupert Alexander	- - - -	1940	Porra, Robert John	- - - -	1953
Lynas, Kaye Ward	- - - -	1952	Porter, Kenneth Symes	- - - -	1935
Lyons, Colin Henry	- - - -	1951	Potts, Frank Desmond	- - - -	1951
McCarthy, Roderick Charles	- - - -	1936	Preece, Malcolm Stewart	- - - -	1954
McColl, Peter Donald	- - - -	1951	Priess, Richard John	- - - -	1941
McNeil, Keith Albert	- - - -	1950	Pritchard, Helen Bessie	- - - -	1948
MacQueen, David Dugald	- - - -	1952	Prosser, Malcolm Geoffrey	- - - -	1955
MacRae, George Brown	- - - -	1933	Purches, John Alfred	- - - -	1947
Madigan, Haydn John	- - - -	1956	Ramsay, Douglas	- - - -	1934
Maine, John Evans	- - - -	1955	Ramsey, Colin Bruce	- - - -	1950
Makin, Harry Arnold	- - - -	1942	Ramsey, Mollie Aileen	- - - -	1942
Maloney, Denise Minetta	- - - -	1956	Ramsey, Maxwell George	- - - -	1953
Maloney, Peter Robert Cryst	- - - -	1956	Randell, William Richard	- - - -	1940
Malpas, Cecil Egerton	- - - -	1945	Rankine, Ian Jeffrey	- - - -	1942
Manhire, Donald Walter	- - - -	1955	Raud, Rudolf	- - - -	1955
Manning, Lancelot Henry	- - - -	1934	Rauth, William Heseltine	- - - -	1941
Manton, Jack Hudson	- - - -	1934	Reid, Betty Lorna	- - - -	1949
Martin, Adeline Zoe	- - - -	1934	Reid, Colin Liston	- - - -	1954
Martin, Beverley Sue	- - - -	1956	Retallick, Gladys Yvonne Joan	- - - -	1943
Martindale, Aileen Francis	- - - -	1948	Retallick, John James Mark	- - - -	1951
Martindale, Edward John	- - - -	1947	Rice, William Frederick	- - - -	1934
Marshall, Alfred George Robert	- - - -	1939	Richards, Brian John	- - - -	1952
Mathieson, Allen George	- - - -	1955	Richards, William Leonard	- - - -	1956
Mathews, Maurice John	- - - -	1935	Richardson, Jack McPherson	- - - -	1937
Mayfield, Margaret Hazel	- - - -	1955	Richter, John Steven	- - - -	1954
Measday, John Cleveland	- - - -	1943	Roberts, Peter Vernon	- - - -	1951
Medlow, Ronald George	- - - -	1954	Robinson, Murray Gilbert	- - - -	1947
Meegan, Peter	- - - -	1951	Rodda, Robert Willard	- - - -	1955
Michaels, Donald Ernest	- - - -	1941	Rogers, Barry Harcourt	- - - -	1952
Middlemiss, Brian Robert	- - - -	1951	Rohlfing, Kenneth Malcolm	- - - -	1948
Mildren, Brian Frederick	- - - -	1944	Rohrig, D'Arcy Clayton	- - - -	1941
Miller, Heather Joyce	- - - -	1948	Rolfe, Thomas John	- - - -	1936
Miller, Robert Lionel	- - - -	1938	Rosewall, Robert Walker	- - - -	1953
Mitchell, Donald Graham	- - - -	1944	Rostek, Zenon-Carolus	- - - -	1957
Mitchels, John Roger	- - - -	1954	Rowe, Gordon Thomas	- - - -	1948
Montgomery, Gillian Pentland	- - - -	1955	Rove, John Crawford	- - - -	1950
Moriarty, Daniel Francis	- - - -	1951	Russell, Alan Alexander	- - - -	1947

Russell, Norman	1950	Tiver, Lloyd Charles	1937
Ryan, Molly Hazel	1942	Tomlinson, Janet Rosemary	1957
Ryder, John Bernard	1943	Tonkin, Peter Richard	1942
Saics, David	1954	Townsend, Graham Rosslyn	1952
Salman, Harry William	1934	Tregilgas, Bruce Burnett	1957
Sawyer, Trevor Joseph	1955	Trevelyan, Denys Murray	1948
Scarman, Graham Alwyn	1954	Trummer, Anthony George	1955
Schocroft, John Charles	1953	Tulloch, Roger James	1949
Schroeder, June Adele	1951	Upton, James Harold Charles Hughes	1938
Schultz, Francis John	1940	Upton, Robert Maxwell William A.	1951
Scrivener, Bruce Allan	1952	Valente, Giulio	1955
Scrivener, Desmond Arthur	1950	Veitch, Robert Henry	1951
Shapter, William Evan	1944	Venning, Claude Meadows	1940
Shepherd, Peter	1940	von Doussa, Kathleen Gwendoline	1949
Shetliffe, Reginald George	1936	Walker, Leonard Frank	1936
Short, Lynette Margaret	1952	Walker, Raymond Charles	1943
Shute, Leslie Norman Keith	1955	Wall, Kenneth	1936
Siggins, Ronald Hewitt	1938	Walsh, Afton Peter	1937
Simcock, Gerald Cyril	1953	Walsh, Zeta Mary	1934
Simon, John Ross	1951	Wandke, Brenton Graham	1955
Skews, Thomas Nisbett	1952	Ward, Clyde Hedley Charles	1948
Sleep, Frank Ronald	1945	Ware, John Brian	1950
Smith, Graham Reginald	1934	Warnecke, Drennan Paul	1949
Smith, Heather Belle	1957	Warnecke, Peter Gerald	1952
Smith, Mervyn Keith	1939	Warren, Donald Spencer	1951
Smylie, Gordon McInnes	1940	Watson, Colin Hubert	1955
Smyth, Neil Lawrence	1950	Watson, John Myers	1949
Somogyi, Laszlo	1956	Watts, John William	1938
Sorrell, Leonard Martin	1942	Watts, Robert Neville	1955
Southam, Sydney Anthony	1950	Wauchope, Alan Wylie	1941
Spafford, Rex Netherton	1939	Webb, Donald Ralph	1948
Sperber, Allan Lynton	1952	Webber, Brian Earl	1952
Spick, John Vaughan	1957	Weedman, Dale Elton	1954
Stain, John Wright	1939	Weller, Reginald Lancelot Elon	1953
Standish, Donald James	1955	Wellington, Nancy Catherine	1944
Stanley, Patricia Dorothy	1954	Wescombe, Peter George	1953
Statton, Bruce Arthur	1943	West, Lionel Thomas	1952
Stedman, Paul George	1952	Wheaton, Frank Hurtle Pengelley	1948
Stock, Beresford Hannam	1957	Wheeler, Eric Henry	1942
Storen, Walter Joseph	1951	Wheeler, Reginald Gordon	1944
Streicher, Francis Mannix	1942	Williams, Allan Ross	1956
Stuckev, Mary Hill	1942	White, Brian Kenneth	1957
Stunell, Gwenda May	1957	White, John Carew	1940
Sutcliffe, Lewis Allan	1952	White, John Matthews	1941
Swan, Joyce Charlotte	1942	Wicks, Ronald John	1941
Sweet, Ronald Langdon	1953	Wigley, Tom Joseph	1934
Symonds, Robert Murray	1951	Williams, Brian Norman	1954
Talbot, Allan Benjamin	1940	Williams, Edward Francis	1947
Taylor, Ray Athol	1949	Wilson, Beryl Maud	1951
Taylor, Ronald Norman	1947	Wilson, Donald Kenneth	1951
Taylor, William Thomas	1936	Wilson, Michael Minell	1956
Teakle, John Kevin	1951	Wilson, William Fraser	1941
Telfer, Donald	1954	Woolford, Lewis Maxwell	1951
Theel, Elliott Wilkins	1955	Woodard, Mervyn John	1935
Thomas, Jeanette	1956	Worthington, Ralph Henry	1953
Thompson, Donald Bruce	1953	Wurm, Peter Sinclair	1953
Thompson, Eric James	1935	Wyld, Robert Bowen	1950
Thomson, Margaret	1957	Zander, Frank Howard	1941
		Zilm, Lorraine Betty	1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Cashell, Frances Marie	1955
Angove, Margaret Carlyon	1942	Cavalier, Elizabeth Mary	1944
Ashbolt, Winifred Joy	1948	Chong, Catherine Chee Kin	1956
Astley, Joyce Mary	1947	Clark, Caroline Emily	1949
Bails, Ruth	1943	Clarke, Walter Frederick	1950
Baker, Mary Elizabeth	1947	Clegg, Donald Stanley George	1950
Bakewell, Joan Helen	1951	Cleland, Pamela Mary, B.A.	1949
Ball, Heather	1951	Clucas, Gwendoline Ivy	1944
Ball, Iris Marguerite May	1949	Cope, Joan Maxine	1951
Bates, Nancy Patricia	1947	Cornish, Mary Esther	1947
Bayer, Josephine Kent	1944	Crook, Marjorie Marion, B.A.	1948
Benjamin, Eric	1949	Crosby, Heather Bembrick	1945
Bidwell, Dorothy Gwendoline	1949	Crouch, Lillian Rubena	1948
Boehm, Claire Edith	1951	Cuddihy, Geoffrey Thomas	1952
Bosworth, Catherine Jean	1947	Cuthbertson, Grace Joy	1953
Bowen, Mary Alice	1957	†Davis, Phyllis Evelyn Eva (1941)	1942
Bowen, Suzanne Joan	1944	Daw, Rosalind Anne	1957
Bruer, Brigid Hilda	1957	Dermott, Veda Rosemary	1957
Buckley, Hannah	1942	Dixon, Beryl Joyce	1957
Burnett, Ronda June	1949	Dobson, Lesbia Constance Alma, B.A.	1947
Burns, Margaret Ternouth	1945	Douglas, Christine Gordon	1948
Carlton, Eileen Grace Sally	1953	Douglas, Sonia Yvonne	1956
Carthew, Margaret	1948	Dow, Anne Eleanor	1949

† See footnote at end of list.

Duncan, June Valerie	1954	Mercer, David Jeffrey	1948
Edwards, Alison Joy	1957	Michell, Aithnah Howard	1950
Ellis, Joan Mary	1950	Modra, Pamela Marie	1956
Featherstone, Dora Bewley, M.A.	1942	Moseley, Claire Elizabeth	1957
Fitzgerald, Gwenyth Joy	1952	Mune, Marie Elizabeth, B.A.	1954
Flett, Phyllis Margaret	1948	Nairn, Phyllis	1948
Fong, Yin Kam	1953	Nankivell, Diane	1948
Forrest, Ida Jean	1949	Osterman, Ingrid Gwendoline	1951
Fox, Alison Frances	1947	†Paine, Helen, B.A. (1940)	1942
Fox, Imogen Dymphna	1955	Paine, Janet, B.A.	1949
Fry, Roma Kathleen	1947	Parker, Thelma Margaret	1948
Garran, Elisabeth Rosemary, B.A.	1955	Pascoe, Noeleen Deidre	1952
Gault, Yolande Mary	1949	Perrins, Pamela Aileen	1953
Glastonbury, Albert Angus	1955	Plunkett, Margaret Elizabeth	1948
Gow, Alwyn Mona King	1950	Plush, Helen Marie	1956
Graham, Elaine Alston	1951	Polkinghorne, Patricia Margaret	1951
Griffith, Elsie Mervyn	1948	Pope, Kathlyn Hilary, B.A.	1953
Guinand, Marie Louise	1955	Porter, Margaret Leishman	1949
Habib, Mary Lorraine	1951	†Prince, Beryl Lloyd (1940)	1942
Hallett, Rosamund	1951	Reed, Margaret Kathleen	1942
Halls, Christobel Heather Susannah	1949	Reynolds, Lilo, B.A.	1952
Hambidge, Margaret Cecile, B.A.	1942	Roberts, Barbara June	1950
Hamilton, Diana May	1954	Roberts, Luke Vincent	1949
Harris, Cyril Eric McGillivray	1949	Rushton, Jennifer Fielding	1954
Haselgrove, Margaret Ann	1956	Russell, Brenda Amanda	1949
Haslam, Anne	1947	Sadler, Barbara Isabel	1954
†Haste, Ada Louise (1941)	1942	Salter, Amy Vivien Fulton	1945
Hayter, Joan Nelson	1948	Sandford, Patricia Mary	1947
Heffernan, Helen Margaret	1949	Sandford-Morgan, Rosemary Linton	1949
Helman, Eve	1947	Sard, Helen Riddoch	1953
Henderson, Barbara	1947	Schmidt, Thekla Naomi	1947
Hicks, Elizabeth Joan	1950	Seedsman, Lorna Joan	1956
Hill, Josephine Margery	1950	Serradura, Anthony Alexander	1953
Hogben, Elizabeth Cole	1948	Shaw, Margaret Pounton	1945
Hone, Jillian Raymond	1956	Silk, Beatrice Mary Mounsey	1945
Hope, Marjory Frances	1947	Simes, Maysie Hall	1948
Horton, Robert Ralph, M.B., B.S.	1957	†Slade, James Francis (1939)	1942
Howe, Ameera Patricia Shirley	1956	Smith, Elery Hamilton	1956
Hunter, Geoffrey Norman	1950	Smith, Graham Frank	1948
†Hunwick, Maureen Mary (1938)	1942	Sobey, Iris Beatrice, B.A.	1947
Hutchinson, Yvonne Francis	1949	†Stanton, Anne (1940)	1942
Jackson, Iris Ellen	1949	Stephen, Winifred Grace	1947
Jacobs, Eleanor Caroline	1944	Stevenson, Margaret	1947
James, Helen Margaret, B.A.	1943	Stock, Colin Rendle	1949
Jenkins, Merle Nona	1950	Streicher, Joan Patricia	1950
John, Ian David	1956	Sugg, Madge	1947
Johnson, Marjorie Lisle	1947	†Sullivan, Margaret Rendle, B.A. (1941)	1942
Jones, Albert Richard	1949	Tai, Marlene	1945
Kay, Franziska Clara	1948	Tarbatch, John David	1950
Kempe, Merridy Henderson	1948	Teasdale, Margaret Jean	1952
Kennedy, Marjory May	1954	Teate, Elizabeth	1950
Kerr, Olwyn Gertrude	1948	Thomson, Joanna Roberta	1947
Lawrence, Robert John, B.A.	1953	Thomson, Reginald	1949
Lean, Shirley Doris	1949	Tilemann, Rosemary	1957
LeCornu, Barbara Joy	1949	Tipping, Barbara Gertrude	1944
Lewis, Ruth Pamela	1949	Tohill, Judith Windebank, B.A.	1953
Liston, Doreen Bice	1950	Travers, Ellen Gertrude	1955
Lorking, Diana Pauline Elizabeth, B.A.	1950	Trotter, Eileen Mary	1947
Lovibond, Sydney Harold	1949	Turner, Margaret Patricia	1954
†McDonald, Jessie Angus (1939)	1942	van Raalte, Winifred	1947
McEachern, Heather Campbell	1956	Vincent, Ivan Leonard Ray	1952
†McIntosh, Florence Mary (1938)	1942	Walters, Margaret Ward	1947
McGlaughlin, Helen	1948	Warner, Joan	1951
†McKail, Mary Boyer (1938)	1942	Warnest, Jean Alice	1949
MacKay, Annette Frances	1942	Waters, Lesley Brenda	1947
†Macklin, Nancy Marie (1940)	1942	Waterman, Collette	1944
MacLennan, Flora Joy	1942	Wemyss, Glenys Maisie	1951
McPherson, Margaret Helen, B.A.	1953	Whitehead, Millicent Alma, B.A.	1949
Maddigan, Pauline Anne	1954	Whittington, Anne, B.A.	1951
†Marcus, Patricia Langman (1938)	1942	Wicks, Nancy Elizabeth	1947
Marsden, Elizabeth Ann	1953	Wilmot, Edith French, B.Sc.	1944
Mathews, Rita Clarice	1948	Wilson, Shirley Cameron	1950
Matters, Barbara Frances	1948	Winter, Eva Bertha	1951
Maud, Doreen Rhoda	1951	Winter, Lewis Walter	1948
†Mengerson, Margaret (1939)	1942	Wollaston, Julienne Kimmont	1954
		†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 PHYSIOTHERAPY

Appleby, Dorothy Dawn	1950	Barlow, Margaret Jean	1950
Ashton, Barbara Jean	1953	Beech, Alison Erica	1954
Banks, Athalie Isabelle	1951	Begg, Jenny Isobel	1949
Banks, Garland	1951	Begg, Pauline	1951

Biven, Mabel Audrey - - - - -	1947	McKeough, Margaret Joan - - - - -	1957
Blake, Jillian Heather - - - - -	1956	McLennan, Fay Maisie - - - - -	1951
Bowman, Kathleen Mary - - - - -	1952	McPhee, Aileen Tempe - - - - -	1949
Brady, Kevin James - - - - -	1953	Maitland, Geoffrey Douglas - - - - -	1949
Branson, June Maxine - - - - -	1948	Maloney, Patricia Kathleen - - - - -	1950
Broad, Donald Ivor - - - - -	1954	Marshman, Margaret Felstead - - - - -	1946
Brooks, Dorothea Joan - - - - -	1956	Meyer, Carlén Allisarde Ripley - - - - -	1952
Chambers, Ruth Alva - - - - -	1955	Meyer, Rigmor Stewart - - - - -	1948
Chapman, Margaret Ann - - - - -	1957	Mitchell, Dorothy Christine - - - - -	1948
Chittleborough, John James - - - - -	1952	Moore, Margaret Suzanne Alice - - - - -	1945
Clark, Genevieve Mary - - - - -	1950	Moore, Virginia Joyce - - - - -	1952
Clark, Jennifer Margaret - - - - -	1954	Morley, Mary Elizabeth - - - - -	1946
Clark, Jennifer Elaine - - - - -	1955	Morris, Suzanne Beatrice - - - - -	1949
Collins, Doreen - - - - -	1946	Navakas, Aldona Victoria - - - - -	1957
Colliver, Judith Mary - - - - -	1947	Newton, Margaret Betty - - - - -	1950
Copley, Fay Muriel - - - - -	1948	O'Connell, Barbara - - - - -	1952
Cornell, Janet-Clare - - - - -	1956	Paige, Maxwell John - - - - -	1949
Cornish, Barbara Jean - - - - -	1957	Pengilly, Susan Lisbeth - - - - -	1957
Cornish, Gwenneth Kathleen - - - - -	1957	Phillipps, Margaret Jean - - - - -	1945
Creswell, Joan Elizabeth - - - - -	1951	Pierotti, Margaret Brown Halley - - - - -	1955
Crisp, Rosemary - - - - -	1956	Pinder, Judith Ann - - - - -	1954
Cross, Geraldine Frances - - - - -	1954	Piper, Rosemary Lillecrapp - - - - -	1954
Crowe, Helen Katherine Margaret - - - - -	1948	Pitcher, Anne Barton - - - - -	1951
Davys, Barbara Ramsay - - - - -	1951	Plush, Lesley Margaret - - - - -	1949
Donaldson, Robert Gordon - - - - -	1948	Polomka, Genevieve Joan - - - - -	1957
Dow, Diana Caroline Sandland - - - - -	1947	Preston, Pauline Rowland - - - - -	1949
Dunkley, Barbara - - - - -	1952	Radford, Margaret Ann - - - - -	1956
Evans, Margaret Wynne - - - - -	1956	Rischbieth, Anne Helen - - - - -	1950
Fielder, Ethel Kathleen - - - - -	1948	Roach, Valerie Eyre - - - - -	1949
Fisher, Joan Elizabeth - - - - -	1957	Robertson, Mary Douglas - - - - -	1947
FitzPatrick, Eiril Margaret - - - - -	1950	Rofe, Margaret Jean - - - - -	1950
Follett, David James - - - - -	1953	Ross, Susan Mary - - - - -	1947
Frankcom, Rhonda Patricia - - - - -	1952	Rumball, Kathleen Janet - - - - -	1955
Fricke, Muriel Vera - - - - -	1948	Rzeszkowski, Lois Morna - - - - -	1946
Gault, Averil Margaret - - - - -	1949	Salmon, Margaret Besley - - - - -	1945
Gibson, Pauline Janet - - - - -	1956	Sandow, Maxwell George - - - - -	1952
Graham, Ronald Kirkwood - - - - -	1953	Simpson, Jean Katie - - - - -	1952
Gray, Gary Colin - - - - -	1953	Simpson, Rae David - - - - -	1951
Gray, Janet Lesley - - - - -	1950	Simons, Aileen Mary Grace - - - - -	1957
Gray, Jule Marie - - - - -	1951	Sims, Enid Helen - - - - -	1950
Ham, Helen Prudence - - - - -	1954	Smith, Elaine Lockhart - - - - -	1946
Hammond, Marie Joan - - - - -	1951	Snow, Frances Mary - - - - -	1955
Hannaford, Claire Anne - - - - -	1949	Southam, Catherine Mary Rose - - - - -	1956
Hardy, Barbara Mansell - - - - -	1946	Starr, Judith Anne - - - - -	1954
Hardy, Mary Mansell - - - - -	1951	Stoddart, Lorraine Mary - - - - -	1951
Haskard, Robin Lindsay - - - - -	1954	Taylor, Christobel Jane - - - - -	1952
Heysen, June - - - - -	1948	Taylor, Margaret Anne - - - - -	1952
Holder, Charlotte Ruth - - - - -	1949	Taylor, Margaret Mary - - - - -	1952
Hosking, Elizabeth Mary - - - - -	1957	Thomson, Janet Elizabeth - - - - -	1951
Jamieson, June Edna - - - - -	1953	Thorpe, Barbara Joy - - - - -	1957
Jay, Judith Helena - - - - -	1947	Thorpe, Heather Evelyn - - - - -	1957
Jennings, Jill Gellibrand - - - - -	1947	Toft, Jan - - - - -	1956
Job, Kathleen - - - - -	1950	Tosolini, Gwen Corinna - - - - -	1951
Johns, Gordon James - - - - -	1946	Tregenza, Ann Irvine - - - - -	1956
Jones, Alison Mary Herbert - - - - -	1948	Viksna, Velta - - - - -	1955
Jordan, Hilary Anne - - - - -	1951	Vincent, Jillian - - - - -	1957
Juttner, Susan Elizabeth - - - - -	1953	Waddell, Margaret Jean - - - - -	1945
Kelly, Francis Simeon - - - - -	1949	Walford, Joan Louise - - - - -	1957
Kinsman, Alison Joan - - - - -	1949	Wall, Ellen Winifred - - - - -	1953
Klutke, Eric Willi - - - - -	1953	Waterhouse, Jane Hardey - - - - -	1953
Laffer, Erica Merle - - - - -	1952	Whicker, Joan Doreen - - - - -	1954
Lake, Joan - - - - -	1946	White, Jennifer Judith - - - - -	1954
Laver, Dorothy Margaret - - - - -	1948	White, Ruth Rosanne - - - - -	1956
McCandless, Rosalind Elizabeth - - - - -	1953	Wicks, Claire Hampton - - - - -	1947
Mackie, Margaret Irene - - - - -	1950	Wood, Judith Mary - - - - -	1953
McElroy, Margaret Joyce - - - - -	1950	Wylde, Annette Eustace - - - - -	1947

ASSOCIATES IN ARTS AND EDUCATION

Adams, Malcolm Thomas - - - - -	1952	Barker, Leon James Frank - - - - -	1952
Ahrens, Elsie Gladys - - - - -	1951	Barr, Gweneth Janet - - - - -	1957
Alexander, Stuart Dixon - - - - -	1952	Bastian, Elwin Scott - - - - -	1952
Andrews, David Francis William - - - - -	1948	Baxter, Ladislus Edward - - - - -	1949
Andrews, Rosemary Alison - - - - -	1953	Bayly, Elizabeth - - - - -	1948
Arbery, James Herbert - - - - -	1957	Beare, Lynden Day - - - - -	1955
Argyle, Barry - - - - -	1954	Beasley, Victor John - - - - -	1955
Armitage, Bessie Eleanor Mildred - - - - -	1949	Beaty, Arnold Keith - - - - -	1952
Ashton, Walter Ray - - - - -	1950	Beilby, Shirley May - - - - -	1954
Aspinall, Nancie Jean - - - - -	1951	Bennett, Henry Russell - - - - -	1948
Atkin, Jack Taylor - - - - -	1955	Bonnett, Victor Walter Lincoln - - - - -	1954
Auhl, Ian Leslie - - - - -	1952	Bosworth, Catherine Jean - - - - -	1951
Bailey, Donald William - - - - -	1956	Bourne, Margaret Cornelius - - - - -	1949
Baird, Rachel Mary - - - - -	1949	Bowden, Janet - - - - -	1951
Baker, Harvey Laurence - - - - -	1950	Bowler, Mary - - - - -	1949
Barclay, Barrey Ballington - - - - -	1957	Bown, Henry Theobald - - - - -	1949

Braham, Henry Arnold Collyer	1949	Fergusson, George Robert	1948
Brideson, Colin Herbert	1950	Fitch, Nancy Jean	1949
Bridgland, Margot Elizabeth	1953	Fitzgerald, Clarence Lindsay	1949
Brocksoop, John Ernest, LL.B.	1951	Foweraker, Alma Muriel	1950
Brown, Norman	1951	Fricker, Lourdes Victoria	1951
Browne, Thomas Joseph	1957	Friedrichs, Noel Carl	1952
Buick, William George	1950	Gale, Milton Ewart	1956
Burfield, Margaret Elizabeth	1956	Gallas, David Dalmain	1956
Burgan, Owen Sylvester	1948	Galle, Reginald Victor	1951
Burley, Betty Ellanora Dawn	1951	Galvin, Patrick John	1953
Burnard, Charles Robert	1948	Garbutt, Mary	1954
Burns, Esther	1948	Geekie, Ronald Gordon	1955
Burns, Robert Alexander	1951	Gerhardy, Gordon John	1956
Burville, Thomas George Theodore	1952	Gibbs, Alfred Lewis Burnand	1948
Butcher, Colin Sydney	1951	Gidney, Maxine Florence	1957
Butler, Francis James	1948	Giles, James Ramsay	1951
Buttrose, Stroma	1951	Glenn, Graham Gordon	1954
Buxton, Gordon Leslie	1955	Glover, Geoffrey Edward Harold	1951
Bywaters, Mary Barfield	1951	Glynn-Roe, Wilfrid Joseph	1948
Campbell, Barbara	1950	Golding, Edmond William	1949
Carmichael, Donald Ross	1949	Gower, Charlie James	1951
Cavenett, Horace Clifford	1948	Grave, Rosemary Anne	1956
Chandler, Douglas Norman	1951	Green, Ian Edward Charles	1949
Chappel, Shirley Joan	1956	Guerin, Robert	1950
Charlesworth, George Harvey	1950	Gunn, James Allan Baikie	1957
Charlesworth, Jennifer Joy	1957	Haese, Kevin Arthur	1955
Charlesworth, Joan Ann	1954	Hakendorf, Hansie St. Clair	1950
Chinnick, Richard Lionel	1954	Hall, Clifford Thomas Robert	1950
Clancy, Peter Allan	1953	Hallewell, Audrey Joan	1952
Clark, John Stephen	1951	Hammond, William David	1952
Clarke, Margaret Anne	1948	Hansen, Norman Victor	1951
Clarke, Ruth Marv	1949	Harper, Brian Youl	1951
Clezy, Alethe Kathleen	1956	Harrington, Archie	1951
Cochrane, Heather Bernice	1954	Harrip, Elva Ray	1950
Coggins, Harold Douglas, B.Sc.	1954	Harrison, June Jacqueline	1956
Coggins, Robert Symes, B.Sc.	1951	Harrison, Mary Elizabeth	1951
Coker, John Godfrey	1954	Harrison, Ruth Olive	1950
Considine, Thomas John	1950	Harriss, Henry Thomas	1956
Cook, Colin George	1951	Hart, Arthur Philip Clarendon	1948
Cook, Owen Gladstone	1951	Harvey, Mary Mignon Owen	1955
Coombs, Ruby Rachel	1953	Hastwell, Nita Claire	1948
Coppock, Alfred Arthur	1950	Hawes, Gwynneth June	1952
Cousins, Georgena Millicent	1949	Hay, Nancy Evelyn	1952
Cowley, Lorine Joan	1952	Hecker, Coral Gladys	1950
Cross, Jack	1953	Hefford, Ronald Keith	1951
Crouch, Stuart Samuel	1956	Heinrich, Harold Gordon	1954
Cupples, Sylvia Joyce	1956	Hentschke, Margaret Ruth	1954
Daenke, Eric	1948	Heritage, Enid Helena	1957
Dahl, James Oliver	1949	Hicks, Lancelot Fry	1951
Darby, Ruth Marv	1949	Hill, Brian Heaton	1954
Davey, Kenneth Llewellyn James	1953	Hill, Victor Arthur	1952
Davies, David Alwin	1956	Hillier, Alister Westford	1957
Davies, David William	1950	Hocking, Edward Bridgman	1951
Davis, Brian	1949	Hoile, Mervyn John	1957
Davis, Frederick Harry	1954	Holmes, Edwin Thomas	1957
Daw, William Ronald	1954	Holmes, Patricia Langley	1954
Dawes, Walter Ernest	1949	Hooper, Barbara Nellie	1957
Delsar, Frederick William	1949	Hooper, John Robert	1956
Dempster, Donald	1949	Hosnell, Keith Constant	1954
Denning, Patricia Joan	1956	Hosking, Horace Geoffrey	1957
Dent, Ronald Thomas Stewart	1952	Hosking, William Rex	1951
Dillon, Neralie Anne	1957	Howell, William Ewart	1950
Dixon, James Elmslie	1957	Hudson, Nancy MacDonald	1954
Dobner, Frederick Jack Pozières	1956	Hughes, John	1953
Dorman, Jean Alison	1951	Humphrey, Ruth Iris Marie, B.Sc.	1956
Driver, Bruce Edwin	1952	Humphries, Arthur Cecil George	1950
Duell, Allen John	1951	Humphries, Edna Jeanine	1951
Dunbar, Harry Edward	1953	Hussey, Francis Leitch	1950
Dunlop, Walter James	1951	Hutson, Walter William	1948
Dunstan, Arnold Edward Stanton	1948	Hynes, Gertrude Doreen	1955
Dyer, Frederick Stephen William	1955	Liffe, Rosa Lorene	1954
Dyster, Thomas	1949	Jackson, Esther Mary	1952
Eckert, Lexley Frank	1951	Jakobsen, Hugo	1952
Edmonds, Thomas James	1956	James, Richard Cecil	1949
Edwardes, Arthur Diedrich	1950	Jenkin, Leonard Bee	1954
Ekins, William Gray	1955	Jenkin, Robert Haydon	1953
Esselbach, Rodney	1953	Jenkins, Merle Nona	1950
Evans, Ben Owen	1950	Jeffs, Kathleen Ellinor	1948
Evans, Peter	1953	Johns, Beryl Fay	1952
Ey, Sheila Margaret	1950	Jones, Helen Margaret	1953
Farmer, Geoffrey Arthur Jessop	1956	Joppich, Oscar Edwin	1954
Farrow, Robert Murray	1950	Joyce, Pamela Beth	1956
Faull, James Francis	1957	Judd, James	1950
Fechner, Ronald Kevin	1955		
Fehlberg, Albrecht Joachim	1955		

Kappler, Stewart Garth	- - - -	1954	O'Callaghan, Basil Charles	- - - -	1957
Kealley, Frank Shenstone	- - - -	1948	O'Callaghan, Gerald Anthony	- - - -	1954
Keane, Kenneth John	- - - -	1951	O'Donnell, Noeline Claire	- - - -	1956
Kearney, Stanley John	- - - -	1956	O'Leary, Patricia	- - - -	1950
Kelley, William Brian	- - - -	1949	O'Neill, Marguerite	- - - -	1948
Kesting, Norman Gustav	- - - -	1951	Opie, Roderick Preston	- - - -	1953
Kimber, William Harold	- - - -	1948	Ottens, Lois Veronica	- - - -	1957
Kissell, Thomas Alfred	- - - -	1950	Paice, William Osborne	- - - -	1950
Kohler, Bryce Leonard Percival	- - - -	1955	Palmer, Rachel Dawn	- - - -	1950
Kroehn, Joan Margaret	- - - -	1951	Parkes, Roy Frederick Walter	- - - -	1948
Laidlaw, Valerie	- - - -	1956	Paterson, Robert George	- - - -	1952
Lamacraft, Kenneth Ronald Ross	- - - -	1951	Patterson, Frank Brenton	- - - -	1948
Lamborne, Maxwell Addison	- - - -	1949	Payne, Rosamond Marie	- - - -	1957
Langsford, Irene Eltham	- - - -	1949	Peake, Archibald John	- - - -	1950
Laslett, Barbara Rose	- - - -	1952	Pearce, Alfred Moreton	- - - -	1949
Lawson, Joy Rosemary	- - - -	1956	Pearce, Edwin Lovell	- - - -	1952
Leak, Brian Hedley	- - - -	1952	Pearce, Nancy	- - - -	1952
LeCornu, Colin George	- - - -	1951	Pearce, William	- - - -	1952
Leibie, Albert Lawrence	- - - -	1952	Pennicott, Ralph William	- - - -	1948
Leigh, Kathleen Lavinia Anne	- - - -	1951	Penny, Betty Lorraine Mary	- - - -	1955
Lock, Dorothy Marie Jeanne	- - - -	1950	Pfitzner, Renate Lottie	- - - -	1956
Lodge, John Kenneth Hyde	- - - -	1953	Phillips, Ronald Osborn	- - - -	1950
Longbottom, Maxwell Ernest	- - - -	1953	Pickering, Eric	- - - -	1954
Love, Robert Stewart	- - - -	1948	Pierson, Robert Arthur	- - - -	1953
Lunnay, Aubrey William	- - - -	1952	Pitman, Hartley Kenneth	- - - -	1953
Lyall, Margaret Mary	- - - -	1954	Playfair, Noel Angus	- - - -	1951
McCracken, Samuel Raymond	- - - -	1951	Poke, Alison Rae	- - - -	1953
McDonald, William George Harlowe	- - - -	1948	Pole, Audrey Elizabeth	- - - -	1951
McDowall, James	- - - -	1952	Polkinghorne, Heather Mary	- - - -	1949
McElroy, Anthony Godfrey	- - - -	1949	Potts, Florence Marlene	- - - -	1956
McGill, Ian Keith	- - - -	1955	Pratt, Aubrey Ronald	- - - -	1952
McGuire, Anthony	- - - -	1952	Quigley, Francis James Leo	- - - -	1950
McKenzie, Hector Malcolm	- - - -	1948	Raison, Max Victor	- - - -	1956
McKinnon, Charles Richard	- - - -	1951	Ramsay-Matthews, Jean	- - - -	1953
McKinnon, Kenneth Richard	- - - -	1952	Read, Clarence Percy	- - - -	1949
McLay, Andrew Harold	- - - -	1950	Redin, Lewis Charles	- - - -	1951
McLean, Ronald Sinclair Allen	- - - -	1956	Redman, Jessie Adelaide	- - - -	1951
McLeod, Murray Robert Love	- - - -	1949	Redstone, Frank	- - - -	1949
McNamara, Maurene Rita	- - - -	1952	Reincke, Kevin	- - - -	1950
McKostie, Keith Henry	- - - -	1950	Rendell, Rosemary Anne	- - - -	1953
MacGillivray, Leith Grant	- - - -	1951	Richards, Martin Clyde	- - - -	1952
Mader, Conrad Wilfred	- - - -	1952	Richards, Mary Elizabeth	- - - -	1948
Magnay, William Ralph	- - - -	1952	Roberts, Owen David	- - - -	1949
Mahar, Alan Dalton	- - - -	1957	Rogers, Roma Emma	- - - -	1951
Mansfield, Richard Charles	- - - -	1951	Rogers, Ruth Nellie	- - - -	1951
Manuel, Deane James Hubert, B.Ec.	- - - -	1954	Rooney, Kathleen	- - - -	1948
Maple, Alexander Montrose	- - - -	1948	Routley, Peter Herbert	- - - -	1955
Maker, Lois Beatrice	- - - -	1954	Rowe, Rex Norman	- - - -	1950
Marsh, William Clarence	- - - -	1951	Rowell, George Douglas Fairbairn	- - - -	1949
Martin, John William	- - - -	1950	Rowland, Roma Joy	- - - -	1954
Masters, Bernard Lincoln	- - - -	1956	Rudolph, Gerald Alfred	- - - -	1951
Masters, John Clive	- - - -	1949	Ruediger, Malcolm Milton	- - - -	1950
Mausolf, Jack	- - - -	1954	Sage, Harold Robert	- - - -	1950
Mausolf, Wallace	- - - -	1951	Sando, Clarice Melva	- - - -	1950
Medson, Albert Reginald	- - - -	1956	Saunders, Alan Caley	- - - -	1954
Michael, Agnes Ruth	- - - -	1955	Schuller, Ruth Doreen	- - - -	1954
Michelmores, Roland Symons	- - - -	1948	Schulz, Clifford Rupert	- - - -	1953
Milway, Russell Henry Oliver	- - - -	1949	Searle, Vera Katherine	- - - -	1953
Moore, Eric Claude	- - - -	1953	Shekleton, Peter Reginald	- - - -	1951
Morris, Maxwell Arthur	- - - -	1956	Sheppard, David Roland	- - - -	1957
Morrison, John Colin	- - - -	1953	Shinkfield, Anthony James	- - - -	1954
Mudge, Alfred Clarence	- - - -	1952	Simpson, Brenda Mary	- - - -	1956
Mulraney, Leslie Patrick	- - - -	1950	Smale, Thomas Charles	- - - -	1949
Mundy, Robert Reginald Peter	- - - -	1951	Smith, Allen Clyde	- - - -	1957
Murchland, Mildred Emily	- - - -	1949	Smith, Constance Ethel	- - - -	1950
Murchland, William Byrne	- - - -	1957	Smith, Cynthia Vivienne	- - - -	1957
Murray, Beryl Margaret	- - - -	1957	Smith, Donald Powell	- - - -	1952
Murray, Heather Jean	- - - -	1953	Smith, Doris Elizabeth	- - - -	1951
Murrie, Elizabeth Leroy	- - - -	1954	Smith, Gweneth Ruth	- - - -	1956
Murrie, John Douglas	- - - -	1955	Smith, Ivan Ford	- - - -	1949
Natt, Geoffrey	- - - -	1950	Smith, John Henry	- - - -	1950
Nelson, Pamela Rosemary	- - - -	1956	Smith, Margaret Joan	- - - -	1954
Newell, Edward Richard Ireland	- - - -	1954	Smith, Maxwell John	- - - -	1953
Nitschke, Erna Gertrude	- - - -	1954	Smith, Reginald John Wayne	- - - -	1950
Nixon, Valerie Colinette	- - - -	1952	Smith, Richmal	- - - -	1957
Noblett, Max Hadden	- - - -	1952	Smith, Sylvester	- - - -	1948
Noon, David Lyon	- - - -	1948	Snigg, Janice Helene	- - - -	1957
Norman, Jacob	- - - -	1952	Spence, Colin Everett	- - - -	1952
Norton, Mary Alice	- - - -	1949	Staggs, Valerie Marie Allan	- - - -	1956
Nottle, Geoffrey Edward	- - - -	1953	Stanley, Raymond John	- - - -	1952
Nunan, Douglas Stephen	- - - -	1951	Steinle, John Richard	- - - -	1952
Oakley, Hannah Rosalie	- - - -	1954	Stenson, Peter John	- - - -	1956
Oborn, Herbert Russell	- - - -	1948	Stewart, Peter McKenzie Gibson	- - - -	1954
			Stocker, Reginald Henry	- - - -	1953
			Stone, Victor Oxford	- - - -	1953

Sykes, Helen Marian - - - - -	1949	Wallbridge, Leslie Walter - - - - -	1956
Tabor, Barbara - - - - -	1950	Wardle, Allen - - - - -	1952
Taylor, Beatrice May - - - - -	1948	Webber, Ian James - - - - -	1953
Taylor, Douglas McLeod - - - - -	1950	Webber, Muriel Esme Jill - - - - -	1952
Theobald, Howard Wesley - - - - -	1948	Wedding, Gordon Mervyn - - - - -	1954
Thomas, Linley - - - - -	1952	Welke, Margaret Rose - - - - -	1956
Thompson, Frank Howard - - - - -	1951	Wellington, Douglas Erwin - - - - -	1950
Thompson, Iris Maude - - - - -	1952	West, George Graham - - - - -	1948
Thomson, Eunice Ann - - - - -	1955	White, Emily Alice - - - - -	1953
Thomson, June Marie - - - - -	1956	Wiese, Ivo Ray - - - - -	1951
Till, Patricia Dell - - - - -	1952	Wilkinson, Stewart Rex - - - - -	1948
Tindall, Mildred Florence - - - - -	1950	Williams, Ruth Jacqueline - - - - -	1949
Torr, Alison Ruth - - - - -	1950	Williamson, Beth England - - - - -	1949
Trainer, Denise Margaret - - - - -	1957	Wilson, Francis Patrick - - - - -	1948
Trapnell, John Courtenay - - - - -	1952	Wilson, Gwendolyn Moore - - - - -	1950
Travers, Thomas Edward - - - - -	1948	Winter, Maxwell Hugh - - - - -	1957
Trebilcock, David - - - - -	1953	Woithe, Francis Arnold - - - - -	1951
Tregilgas, Francis Everleigh - - - - -	1952	Wollaston, Pamela Jill - - - - -	1956
Trowse, Helen Hayward - - - - -	1954	Wood, Eric William Hadley - - - - -	1951
Trudinger, June Stirling - - - - -	1949	Woodards, Eva Norma Cherrington - - - - -	1949
Tucker, Robert - - - - -	1956	Woods, Donald Peter - - - - -	1951
Tulloch, David Gerald - - - - -	1952	Woods, Rosamond Erica - - - - -	1957
Turner, William Howard Batley - - - - -	1955	Wright, Florence Maude - - - - -	1953
Twartz, Clement Wilford - - - - -	1948	Young, Donald Lindsay - - - - -	1952
Vaughan, Matthew Ferdinand - - - - -	1950	Young, Joan Margaret - - - - -	1952
Vogelsang, Arthur Ernst - - - - -	1950	Zimmermann, Diana Wendy - - - - -	1956
Wachtel, Heinrich Lenhart - - - - -	1948	Zoerner, Robert John - - - - -	1951
Wallace, Francis Joseph - - - - -	1948		

STATUTES

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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 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.

Note.—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.

In establishing separate Chairs in Organic Chemistry and in Physical and Inorganic Chemistry the Council attached the title Angas Professor to Professor D. O. Jordan, holder of the Chair of Physical and Inorganic Chemistry. It has also changed the title of the Chair of Agronomy to Waite Professor of Agriculture.

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 twenty-first 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-third Monday in the year.

4. The third term shall begin on the thirty-fifth Monday in the year, and shall end on the Saturday preceding the fiftieth Monday in the year.

5. Candidates are required to enrol for their year's work not later than the seventh Monday in the year. Later entries may be received on payment of a further charge of one guinea† which, however, may be remitted by the Vice-Chancellor for an adequate reason. Application for remission must be made by the candidate in writing, setting out his reasons.

*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.

7. The Council shall have power to vary these dates to meet any special circumstances arising in any year.

° Allowed 17th January, 1952.

† Allowed 20th December, 1956.

Allowed 10th January, 1946.

Chapter IX.—Of Matriculation.

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 the purpose of matriculation the Leaving Examination shall be the Matriculation Examination, and the subjects available shall be:

Group A: English Literature;

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.

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 Literature 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 Matriculation 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 pay a fee of three guineas.

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 Matriculation Roll.

(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 Matriculation 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*: Pure Mathematics I and Applied Mathematics I are compulsory subjects in the Engineering course; further, Pure Mathematics 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 either Pure Mathematics I or Applied Mathematics I until he has passed *either* in Leaving Mathematics Parts I and II and in a special examination in Mathematics held in conjunction with the Leaving examination *or* in an examination accepted by the University as equivalent.
3. *Physics and Chemistry*: Although a pass at Leaving standard is not a pre-requisite for admission to the classes in Physics I and Chemistry I, the syllabuses in these subjects pre-suppose a knowledge of Physics and Chemistry at Leaving standard.
4. *Music*: Harmony III 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*: Latin at Leaving standard is pre-requisite for admission to the classes in Roman Law and in Jurisprudence.

NOTE UNDER CLAUSE 12:

The educational requirements specified under clause 3 of the superseded Statute were as follows:

In the Faculty of Arts:

Five subjects, including English and either Latin or Greek, at the Leaving Examination; and if Mathematics part i is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Economics:

Five subjects, including English and *either* a language other than English *or* Mathematics I or Mathematics II, at the Leaving Examination; provided that (a) if a language other than English be not included in the Leaving subjects such a language must have been passed at the Intermediate Examination; and (b) if Mathematics I or Mathematics II be not included in the Leaving subjects, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Science:

Five subjects, including Mathematics part i, at the Leaving Examination; and if English and one other language are not also included, these subjects must have been passed at the Intermediate Examination.

In the Faculty of Agricultural Science:

Five subjects, including Mathematics part i, at the Leaving Examination; and if English and one other language are not also included, these subjects must have been passed at the Intermediate Examination.

In the Faculty of Engineering:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination; and if a language other than English be not included in the Leaving subjects, such a language must have been passed at the Intermediate Examination.

In the Faculty of Technology:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination. A pass in the Special Examination in Mathematics held concurrently with the Leaving Examination is also necessary for admission to the class in Pure Mathematics I.

In the Faculty of Law:

Five subjects, including English and Latin, at the Leaving Examination.

In the Faculty of Medicine:

Five subjects, including English and a language other than English, at the Leaving Examination; if Mathematics I be not passed at the Leaving Examination, Mathematics (two subjects) must have been passed at the Intermediate Examination; and if Physics be not passed at the Leaving Examination it must have been passed at the Intermediate Examination.

In the Faculty of Dentistry:

Five subjects at the Leaving Examination, including Physics and a language other than English; if English be not included in the Leaving subjects it must have been passed at the Intermediate Examination; and if Mathematics Part i be not included in the Leaving subjects Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Music:

A candidate is required (i) to hold the Leaving Certificate, or to have passed in four subjects at the Leaving Examination including English, a language other than English, and either Ancient History or Modern History, and (ii) either to have passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music, or to satisfy the Dean of the Faculty of Music in a special Entrance Examination in the Theory of Music of equivalent standard.

Chapter X.—Of the Faculties

1. There shall be Faculties of Arts, Science, Law, Medicine, Music, Engineering, Dentistry, Agricultural Science, Economics, and Technology.

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; the Chairman of the Education Committee; all full-time members of the Department of Law; the part-time lecturers in the legal subjects of the curriculum for the degree of

Bachelor of Law; their Honours the Judges of the Supreme Court; the Dean of the Faculty of Arts; the Hughes Professor of Classics; 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 five in number, as the Faculty may recommend and the Council approve; and (ii) such other persons, not exceeding three in number, as the Council may appoint.

MEDICINE.

5. The Faculty of Medicine shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Botany and Zoology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Heads of the Departments of Anatomy and Histology, Biochemistry, Physiology, Bacteriology, Pathology, Medicine and Obstetrics; the part-time lecturers in the Department of Medical Studies; the Director and the part-time lecturers in the Department of Surgical Studies; the part-time lecturers in Gynaecology, 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) One Reader, Senior Lecturer or Lecturer in each of the Departments of Anatomy and Histology, Biochemistry, Physiology, Bacteriology, Pathology, Medicine and Obstetrics, nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other persons, not exceeding three in number, as the Faculty may recommend and the Council approve; and (iii) such other persons, not exceeding three in number, as the Council may appoint.

MUSIC.

6. The Faculty of Music shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Elder Professor of Music; the Senior Lecturers and Lecturers in Music; the 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 Principal of the South Australian School of Mines and Industries.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding five in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons not exceeding two in number as the Council may appoint.

DENTISTRY.

8. The Faculty of Dentistry shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Professor of Dental Science; the Heads of the Departments of Prosthetic Dentistry, Conservative Dentistry and Dental Surgery and Pathology; the 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; (iii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iv) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (v) such other persons not exceeding two in number as the Council may appoint.

ECONOMICS.

10. The Faculty of Economics shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the Bonython Professor of Law; all full-time members of the Departments of Economics and of 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 Principal of the South Australian School of Mines and Industries.

- (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 School of Mines and Industries.
- (2) Notwithstanding the provisions of Clauses 15 and 18 below until December 31, 1961, when this provision will be reviewed, the Dean of the Faculty of Technology (or the Chairman for the occasion) shall be elected from the members appointed by the University Council.

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 shall give such evidence of his status and of his character as shall satisfy the Council.

5. Candidates who are admitted to a degree *ad eundem gradum* shall pay a fee of five† guineas, and candidates admitted *ad eundem statum* shall pay a fee of four‡ 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:

* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

‡ Allowed 18th October, 1956.

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 Chan-
cellor, the Vice-Chancellor, the Deans of the several Faculties, and
such Professors or Lecturers as may be appointed by the Council.

2. The Board shall annually elect a Chairman. When the Chairman
is absent from a meeting, the Board shall elect a Chairman for that
occasion.

3. The Chairman shall perform such duties as shall from time to
time be prescribed by the Council, and (amongst others) the fol-
lowing:

He shall at his own discretion, or upon the written request of the
Chancellor or Vice-Chancellor, or of two members of the
Board, convene meetings of the Board.

He shall preside at the meetings of the Board.

Subject to the control of the Board, he shall exercise a general
control over the discipline of the University.

4. Subject to the approval of the Council, the Board may make
rules for the conduct of students of the University.

5. It shall be the duty of the Board to inquire into any complaint
against a student, and the Board shall have power

(a) to dismiss such complaint;

(b) to take action in one or more of the following ways—

(i) by admonishing the student complained against;

* Amended 22nd January, 1953.

- (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.

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.

‡ Allowed 23rd January, 1947.

5. The scholarship shall be awarded by the examiners on a comparison of the academic records of the candidates, and also on the merits of an original thesis, design, or investigation, as set forth in the next paragraph.

‡Each candidate for the scholarship must send in to the examiners, on or before 1st June of the year in which the competition is held, either an original engineering thesis or design, or a paper setting forth the results of an original scientific investigation made by the candidate in some subject allied to engineering. The subject of the thesis, design, or investigation, must have been submitted at least two months previously to the Faculty of Engineering, and approved by it. Each candidate must adduce, if required, sufficient evidence of the authenticity of his thesis, design, or investigation. He may, if the examiners think fit, be required to pass an examination in that branch of the work from which the subject of his thesis, design, or investigation, is taken.

*Either the original or an approved copy of each thesis, design, or report of an investigation submitted by a successful candidate for the scholarship shall be deposited by the scholar in the University library before payment of any portion of the scholarship is made.

6. Within such time after gaining the scholarship as the Council shall in each case allow, the scholar shall proceed to the United Kingdom and there spend the whole of the time during which the scholarship is tenable in gaining engineering knowledge and experience in such a manner as may be approved by the Council; provided that the scholar may by special permission of the Council spend the whole or part of his time in study or practical training outside the United Kingdom.

7. The allowance for travelling expenses shall be paid to the scholar upon approval of his proposed date of departure. Payment of the balance of the scholarship shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering studies, according to the course proposed to be followed by the scholar.

8. Whenever such evidence is not satisfactory, the Council may altogether withhold, or may suspend for such time as it may deem proper, payment of the whole or of such portion as it may think fit of any moneys due, or to accrue due, to the scholar on account of the scholarship, or may deprive him of his scholarship.

9. Should any successful candidate not retain the scholarship for the full period of two years, notice of the vacancy shall be published by the Council in the Adelaide daily papers, and an examination shall be held in the month of June next ensuing.

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

* Allowed 30th November, 1933.

B. The Angas Engineering Exhibitions.*

10. There shall be four Angas Engineering Exhibitions, of which one may be awarded each year. Each exhibition shall be of the annual value of Fifteen Pounds, and be tenable for four years.

11. (a) One Angas Engineering Exhibition shall be offered for competition in the month of November or December of each year, and shall be awarded on the results of candidates at the 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 exhibitor shall, within such time as may be approved in each case, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide, and shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science.

(b) At the time of enrolment each year the exhibitor shall submit his proposed course of study for approval by the appropriate officer of the Faculty concerned; and he shall not undertake, either in the University or elsewhere, studies not so approved.

(c) The exhibition shall be forfeited if the holder fail to make satisfactory progress in any year, unless such failure shall, in the opinion of the Council, have been caused by ill-health or other unavoidable cause. The decision of the Council as to such forfeiture shall be final.

14. Payment of an exhibition shall be made in three equal instalments, one at the beginning of each academic term, but payment shall not be made to any exhibitor whose conduct and diligence as a student throughout the preceding term have not been satisfactory to the Council. The decision of the Council on any such question shall be final.

15. Except by permission of the Council, an exhibitor shall not hold concurrently with his exhibition any other exhibition, bursary, or scholarship.

C. General.

16. The sum of £4,000, paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the fifteenth section of the Adelaide

* Allowed 25th August, 1955.

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

• Allowed 3rd January, 1935.

Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

6. The prizeman may at any time during the year following the original award be called upon by the Council to give proof that he is devoting himself to the study of Literature, with a view to producing a sufficient thesis. If he fails to give such proof when called upon, or if in any respect he fails to comply with the conditions of these Statutes or to comport himself to the satisfaction of the Council, he may, by resolution of the Council, be deprived of all further rights as prizeman. In such case, or in case of resignation by the prizeman of his rights, the candidate who was placed second to him in the original award may be allowed, on such conditions as the Council may approve, to prepare and present a thesis and to qualify for the title of scholar.

Allowed 2nd December, 1926.

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 School of Mines 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

* Allowed 2nd December, 1926.

(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 3rd January, 1907.

Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonials of the University, graduates and undergraduates shall appear in academic dress.

2. The academic dress for undergraduates shall be a plain black stuff gown and trencher cap.

3. The academic dress for graduates shall be:—

GOWNS.

- (a) *For Bachelors*: of black stuff or silk and of the same style as used at Cambridge for the degree of Bachelor of Arts.
- (b) *For Masters*: of black cloth or silk and of the same style as used at Cambridge for the degree of Master of Arts.
- (c) *For Doctors of Philosophy*: of black cloth or silk faced with scarlet, and of the same style as used at Cambridge for the degree of Doctor of Philosophy.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and of the same shape as used at Cambridge (point at bottom of sleeves) faced and sleeve lined with silk the colour of the Faculty. The undress gown of a Doctor shall be black and of the same shape as the gown for a Master but with black lace around the arm-holes.

HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (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).

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 25th August, 1955. † Allowed 20th December, 1956.
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 countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
 - (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
 - (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and
2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

Whereas a sum of £160 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Rev. William Roby Fletcher, M.A., formerly Vice-Chancellor of the University, it is hereby provided that —

*The Roby Fletcher prize shall be £10 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

‡ Increased in 1934 to £600.

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.
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

* Allowed 24th December, 1913. † Allowed 7th December, 1927.
‡ Allowed 13th December, 1917. § Allowed 6th December, 1923.
** Allowed 22nd January, 1953

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 7th December, 1911.

Chapter XXIV.—Of Non-Graduating Students.

*1. Upon such terms and conditions and upon payment of such fees as the University or the Council prescribe, any person wishing to become a non-graduating student in the University or in any School therein may be admitted to any lectures, tuition, or examinations; and, if required, shall sign his or her name in a roll book, or upon a separate form, to the following declaration, or to such other similar declaration as the Council shall prescribe for non-graduating students generally, or for some of them:

“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.”

Provided that any student who has signed the Matriculation Roll under a grant of provisional matriculation which has subsequently lapsed shall be deemed to have complied with this clause.

Every non-graduating student shall, on signing the Non-Graduating Roll, pay a fee of two guineas.

2. Except when otherwise provided non-graduating students shall pay the same fees and be subject to the same Statutes, Regulations, and Rules regulating discipline and conduct as undergraduates.

3. From and after the allowance and countersignature by the Governor of these Statutes there shall be repealed hereby the Statutes, chapter XXIV, “Of Non-Graduating Students,” allowed by the Governor on the twenty-seventh day of December, in the year 1899; but such repeal shall not affect:

Anything done or suffered, any right or status acquired, duty imposed or liability incurred under the repealed statutes.

†4. No subject passed by a student as a non-graduating student may later be counted towards a degree unless the examination be again passed, provided that in special cases the Council may, on the recommendation of the Faculty concerned, make such concession as it thinks fit; but nothing in this clause contained shall interfere with the operation of Regulation †10 of the Degree of Bachelor of Laws and of the Final Certificate in Law.

* Allowed 11th December, 1941, and amended 20th December, 1956.

† Allowed 3rd January, 1929, and amended 22nd January, 1953.

Allowed 7th December, 1904.

Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

‡1A. (1) Notwithstanding anything contained in any Statute or Regulation of the University, or in any rules made by the Council, the following provisions shall apply to any moneys held by the University by way of endowment of any scholarship, studentship, exhibition, prize, lectureship or the like.

(2) All or any of the funds, so held as aforesaid, may be amalgamated for the purposes of investment, and held in a common fund, and the net income earned by the common fund shall be credited, ratably, to the funds so amalgamated: Provided that any fractional part of the income of the common fund, which cannot conveniently be distributed in the year in which it is earned, may, by direction of the Council, be carried to a suspense account, and held in reserve or applied to the equalization of income, as the Council may from time to time determine.

(3) If the whole of the income earned by or credited to any particular fund is not expended or appropriated in the year following that in which it is credited, it shall be added to the capital of the fund, but (subject to any express provision contained in the Statute, Regulation, or rules relating to the particular case) any income so added may be applied to the purposes of the endowment, as the Council may at any time determine, as if it had been the income of the year in which it is so applied.

2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of an additional fee of ten shillings 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 an essay or thesis is accepted for the award of a University prize or scholarship, or for admission to a higher degree, and it is provided by statute or regulation that a copy thereof shall be deposited in the University Library, the successful candidate shall lodge with the Registrar a copy of such essay or thesis prepared in accordance with the following conditions:

(a) Unless otherwise specially approved, all script shall be typed or printed on paper of quarto or foolscap size, but maps,

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

‡ Allowed 11th December, 1947.

‡ Allowed 11th November, 1954.

drawings, photographs or other illustrations may be of any size or form approved. In both cases the necessary approval may be granted by the University Librarian.

- (b) 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.

The copy so submitted shall be transmitted by the Registrar to the Librarian to be placed in the University Library.

‡3. In all cases where an age limit is not fixed by the Regulations, persons who shall pass the same examination more than once shall not be qualified to receive any scholarship, exhibition, medal, prize, or other similar reward in respect of that examination save on the first occasion of their being examined.

‡3A. No person shall be admitted to a degree examination in which he has already passed at this University, except by special permission of the Council.

°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.

§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.

¶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.

§ Allowed 12th August, 1915.

‡ Allowed 12th August, 1903.

°° Allowed 23rd January, 1947.

‡ Allowed 5th December, 1918.

° Allowed 10th December, 1919.

¶ Allowed 12th August, 1915.

°7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just. Provided always that they shall give such evidence of their status and of good character as in the opinion of the Council shall be sufficient.

¶8. In addition to all other fees payable every student taking a course for a Bachelor's degree or for a diploma shall, unless exempted by the Council, pay two annual fees as prescribed by the Council, namely, an annual fee for membership of the University Union and a general service free.

¶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 undergraduate, graduate, or non-graduating 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

* Allowed 10th December, 1919.

† Allowed 7th December, 1927.

§ Allowed 10th January, 1946.

¶ Allowed 18th October, 1956.

‡ Allowed 7th December, 1932.

** Allowed 14th December, 1950.

shall be lawful for the Faculty or Board to forward to the Council a recommendation to that effect, together with a statement of the grounds upon which the recommendation is made.

(3) Subject to sub-clauses (4) and (5), the Council, if it thinks fit, may adopt any such recommendation with or without modification, whereupon the student shall be precluded in accordance with the terms of the recommendation as so adopted.

(4) No such recommendation shall be adopted with or without modification unless and until the student has had an opportunity of being heard and of adducing evidence in opposition to the recommendation.

(5) Any such hearing may be by the Council or by a Committee appointed for that purpose and consisting of or including at least three members of the Council. At the conclusion of its hearing the Committee shall make a report and the Council may if it thinks fit act upon any such report.

(6) The Council shall be at liberty to review any decision under sub-clause (3) hereof at any time.

(7) Any decision of the Council under sub-clause (3) or sub-clause (6) hereof shall not affect anything lawfully done or suffered before such decision.

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

*Allowed 22nd January, 1953.

the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.

- (b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

*2. A candidate shall be eligible for the medal only if he complies with the following conditions:—

- (a) A candidate for the diploma in Commerce must have completed the course for the diploma within six years of his entering upon the course.
- (b) A candidate for the degree of Bachelor of Economics shall have completed the four courses in Accountancy and Law within six years of having enrolled for the first such course.
- (c) Except with the approval of the Faculty of Economics no candidate shall be eligible for the medal if he has received exemption from examination in any one or more of the four courses in Accountancy and Law concerned.

3. There shall also be established a lecture on a subject relating to Commerce, to be called The Joseph Fisher Lecture, and to be delivered in the University every alternate year, and subsequently published.

4. The lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.

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 attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

• Allowed 3rd January, 1929.

Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

Whereas 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 un-awarded 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.

Chapter XXXII.—Infectious Diseases.

1. If any professor, or lecturer, or examination supervisor, suspects or is apprehensive, that any student attending or desiring to attend his classes, or any examinations, is suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others.

2. The Council shall have power to close the University, or any part thereof, for such time as it shall deem desirable, in order to prevent the spread of infectious disease.

Allowed 24th August, 1910.

Chapter 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.

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 3rd January, 1929.

Allowed 24th December, 1913.

Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

Whereas the sum of £255 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Inspector Alexander Clark, it is hereby provided that —

1. The prize shall be called The Alexander Clark Memorial Prize.

2. Candidates for the prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of one guinea‡ shall be paid by each candidate.

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended a school under the Education Department of South Australia for at least two years.

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

†3A. The prize shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

††4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the prize shall lapse for one year, after which it shall be offered again. If the prize so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition, for one year, equal to the annual value of the prize, to a student of the Elder Conservatorium of outstanding merit.

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained

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

†† Allowed 25th August, 1955.

‡ Allowed 18th October, 1956.

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 four 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.

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.

†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.

* Allowed 17th January, 1952. Allowed 30th November, 1933.

† Amended 9th January, 1953.

Chapter XXXIX.—Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.

Whereas the sum of £200 has been bequeathed to the University by the late John Harvey Finlayson for the purpose of founding a scholarship in Political Economy, or some cognate subject, in memory of the late John Lorenzo Young, the founder and proprietor of a school formerly existing in Adelaide, known as "The Adelaide Educational Institution": And whereas, to further perpetuate the memory of the said John Lorenzo Young, some of his old pupils have subscribed and paid to the University a further sum of seven hundred 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 shall be invested, and with the income thereof a scholarship is hereby established, to be called The John Lorenzo Young Scholarship.

2. The scholarship shall be awarded for research in Political Economy, or some cognate subject.

*3. Candidates must be present or past students of the University who have passed in a degree course the subject of Economics, or a subject judged by the Faculty of Economics to be cognate to Economics, not more than six years before the date of the award.

*4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Economics, but no award shall be made unless there is a candidate of sufficient merit.

5. The scholarship shall be of the value of thirty pounds, and shall be offered first in December, 1918, and thereafter triennially, or as often as the income from the investments of the said sum of two hundred pounds and any additions thereto as hereinafter mentioned shall amount to thirty pounds.

6. If no suitable candidate presents himself in any year when the scholarship is offered, it shall not be offered again for twelve calendar months; and the income during such period shall be added to the said sum of two hundred pounds and invested for the purpose of the scholarship.

*7. The scholar shall, after his election, prepare an original thesis on some topic of Political Economy, or any cognate subject to be prescribed, or approved, by the Faculty of Economics.

*8. The thesis shall be presented within twelve calendar months from the date of the award, or such extended time as the Faculty of Economics may allow. †An approved copy of each thesis accepted by the Council shall be deposited by the candidate in the University library.

*9. The said sum of thirty pounds shall be paid as follows: ten pounds when the award is made, another ten pounds at the end of six calendar months after the date of the award, provided the Faculty of Economics are satisfied with the progress made by the scholar in his work; and the remaining ten pounds on the completion of the work to the satisfaction of the Faculty.

* Amended 22nd January, 1953.

† Allowed 30th November, 1933.

10. Applications for the scholarship must be lodged with the Registrar not later than the 1st November in the year in which it is offered, or such other date as the Council may appoint; and each candidate shall, if required, state in his application the subject of the thesis he proposes to write.

11. The scholarship may be held in conjunction with any other scholarship or prize at the University, but shall not be awarded more than once to the same candidate.

12. The above Statutes may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.

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.

* This endowment was increased in 1921 to £1,000.

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.

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

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

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.

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

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

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

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

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

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

‡6A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

7. Payment of the annual value of a scholarship shall be made in four 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.

Allowed 11th April, 1918.

‡‡ Allowed 25th August, 1955

** Allowed 30th November, 1933.

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 candidate as in the opinion of the Faculty of Law shall have written the best original thesis on any legal subject approved by the Faculty and the Council, which thesis is in the opinion of the examiners of sufficient merit.
3. The prize may be awarded to the author of any book on any legal subject published prior to and within 18 months of the last day for the submitting of theses, provided that the other conditions of the prize have been fulfilled.

4. Where, in the opinion of the examiners, two or more theses shall be considered of equal merit, the prize shall be awarded to the thesis the subject-matter of which is deemed by the examiners to be of greater interest or utility from the point of view of the Law of the Commonwealth or of South Australia.

5. No thesis submitted for competition shall have been previously submitted for any competition or prize at the University of Adelaide or elsewhere.

6. Candidates must either have graduated by examination in Law at the University of Adelaide, or having been resident in South Australia at least two years immediately preceding the last day for submitting the thesis, have been admitted *ad eundem* to a degree in Law in this University.

7. If any thesis be considered by the examiners sufficiently meritorious to qualify for the prize but inferior to another thesis submitted at the same competition, the former thesis may be resubmitted (subject to Clause 3 hereof) at a subsequent competition, but may be then awarded the prize only if no other thesis of sufficient merit to qualify for the prize is submitted for the first time at such subsequent competition.

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

9. A typewritten or printed copy of the successful thesis shall be deposited by the candidate in the Library of the University, but shall be made available to the candidate for a period of one month, or for such further period as the Faculty may allow if he wishes to publish the same. In case of publication the University shall have no rights in respect of the thesis so published, but a printed copy shall be presented by the candidate to the Council of the University.

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

Allowed 3rd January, 1929.

Chapter 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.

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.

Chapter LVII.—Of the Affiliation of the South Australian School of Mines and Industries.

Whereas the University of Adelaide and the South Australian School of Mines and Industries have by mutual agreement combined to supply the instruction necessary in the various alternative courses for the degree of Bachelor of Engineering and whereas application has been made by the Council of the South Australian School of Mines and Industries for affiliation to the University:

It is hereby provided that the South Australian School of Mines and Industries shall be affiliated to the University of Adelaide to the extent following, that is to say, that the Council of the University may exempt students who have attended courses of instruction and passed examinations of the South Australian School of Mines and Industries from attendance at lectures, and from examinations, in corresponding subjects of the course for the degree of Bachelor of Engineering.

Allowed 10th November, 1937.

Chapter LVIII.—Of The T. G. Wilson Travelling Scholarship in Obstetrics.

Whereas the sum of †£2,000 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 £200, and shall be awarded from time to time as often as the income of the said capital sum permits. The first scholarship will be offered at the end of 1939.

3. The scholarship shall be awarded by a committee consisting of the Vice-Chancellor, the Dean of the Faculty of Medicine, and the Professor or Lecturer for the time being in Obstetrics and Gynaecology.

4. Payment of one-half of the scholarship shall be made upon approval of the proposed date of the scholar's departure from South Australia, and the balance three months after his arrival in London at the office of the Agent-General for South Australia or at such other place as the Council may direct.

*5. The scholarship shall be open to any graduate in Medicine of an Australian University of not more than five years' standing who (1) at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery has obtained marks in Obstetrics and Gynaecology at least equal to the standard of a pass with credit in the whole examination; (2) has served for a term of twelve months at least as resident medical officer in a general hospital and for six months as resident medical officer at the Queen Victoria Maternity Hospital or in any hospital used for the teaching of Obstetrics to medical students in the University of Adelaide; and (3) has been approved by the Professor or Lecturer in Obstetrics and by the Dean of the Faculty of Medicine for the time being as fitted for obstetrical work and likely to benefit by the further study of obstetrics. Preference will be given to a competent graduate of the University of Adelaide.

*6. It must be the declared intention of the scholar to practise obstetrics in South Australia, though not necessarily as a specialist.

7. Within such time after being awarded the scholarship 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 scholarship is tenable in gaining obstetrical knowledge and experience in such manner as may be approved by the Council; provided that by special permission of the Council the scholar may 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.

8. The scholar must present himself for a higher examination in obstetrics, such examination being either the examination for membership of the College of Obstetricians and Gynaecologists of London or such other examination as may be approved by the Council.

9. This statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

† Increased to £2,500 in 1955.

* Allowed 7th December, 1939.

Allowed 15th December, 1937.

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^{°°} 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 Hughes Professor of Philosophy.

^{°3}. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included Psychology III 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 Hughes Professor of Philosophy 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 Hughes Professor of Philosophy.

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.

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.

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.

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.

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 quarter.

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.

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 Evans 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.

3. During each academic year of tenure of the scholarship the holder shall reside at a residential University college or hostel affiliated with the University of Adelaide; provided that if in the opinion of the Council there be no suitable accommodation available in a college or hostel in Adelaide the scholar may reside in such University college in the Commonwealth of Australia as he may choose.

4. Each holder of a scholarship shall undertake a course of study approved by the University Council, preferably in the agricultural, domestic or social sciences.

5. Only persons who have fulfilled the requirements for admission to their chosen courses of study shall be eligible to become candidates for the scholarships. Further, a candidate for the scholarship for men shall have come from the country or have been resident for at least twelve months continuously in the country or have served actively for at least twelve months in one of His Majesty's military services. In any case of doubt the Council shall decide what constitutes "country" for the purpose of this clause.

6. A scholarship shall be awarded for one year in the first instance, but subject to continued compliance with the provisions of this statute may be renewed annually while the scholar is pursuing the approved course.

7. Applications for awards or renewals of the scholarships shall be made on the prescribed form and lodged with the Registrar of the University not later than January 31 of each year.

8. Subject to the provisions of Clause 9, payment of the annual value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term.

9. A scholarship may be suspended at any time if the Council is not satisfied with the scholar's progress, and may be determined at any time if in opinion of the Council the scholar be guilty of misconduct.

10. Any income from the endowment not expended at the end of any year shall be added to the capital of the fund for the scholarship concerned.

Allowed 16th December, 1948.

Chapter LXXIV.—Of the Gladys Lloyd Thomas Scholarship for Violin.

Whereas Miss Gladys Lloyd Thomas has paid to the University the sum of five hundred pounds for the purpose of encouraging the study of the playing of the violin, it is hereby provided that:—

1. There shall be a scholarship for violin playing to be called The Gladys Lloyd Thomas Scholarship which shall be tenable at the Elder Conservatorium of Music.

*2. The annual value of the scholarship shall be £16/16/0 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.

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.

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.

Chapter LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Tom Elder Barr Smith, Esquire, 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.

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.
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.

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 sixteenth day before the day of meeting.

* 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 Council.
- (d) Questions.
- (e) Business from the Council.
- (f) Motions on the Notice-paper.
- (g) 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.

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.

* Passed by Senate, 28th March, 1894.

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.

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.

* Passed by Senate, 28th March, 1894.

† Passed by Senate, 26th July, 1922.

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. SUSPENSION OF STANDING ORDERS.

88. 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.

The above Standing Orders were adopted by the Senate at a meeting held on the 2nd day of December, 1885, the previous mode having been rescinded.

FREDERIC CHAPPLE,
Warden.

December 2nd, 1885.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1958

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

1. The Elder Conservatorium, under the control of the Council of the University, is established for the purpose of providing a complete system of instruction in the Theory and Practice of Music.

2. The instruction of students shall be conducted by the Director and such professors, lecturers, and teachers as the Council shall appoint.

3. The Conservatorium shall provide a complete course of study for the Diploma of Associate in Music.

4. Students may take one or more principal subjects without proceeding to the diploma, or may take one or more secondary subjects or classes without taking a principal subject.

*5. The academic year shall consist of three terms as follows:

(a) The first term shall begin on the eighth Monday in the year and shall continue for thirteen weeks.

(b) The second term shall begin on the twenty-third Monday in the year and shall continue for ten weeks.

(c) The third term shall begin on the thirty-fifth Monday in the year and shall continue for fifteen weeks including a vacation of two weeks beginning on the forty-fourth Monday in the year.

6. The following subjects may be taught in the Conservatorium:

(a) PRINCIPAL SUBJECTS:

Practical: Pianoforte; Violin; Viola; Violoncello; Flute; Oboe; Clarinet; Bassoon; French Horn; other orchestral instruments; Singing; Organ; The Art of Speech.

Theoretical: Harmony; Counterpoint; Composition.

Theory of Music, up to the first year diploma standard, is compulsory for all students of practical subjects, unless specially exempted.

(b) SECONDARY SUBJECTS:

Theory of Music; History of Music; Musical Form and Analysis; Ensemble Playing; Choral Singing; Orchestration; The Art of Accompaniment; and such other subjects as come within the scope of a musical education.

7. An intending student of any principal subject shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee of 10s. 6d. and sign the non-graduating students' roll.

* Allowed 22nd December, 1955.

8. Except in special circumstances approved by the Council, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering later than the second quarter in any year shall undertake to complete four quarters' work. 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.

†9. (a) The fee for one principal subject, with such secondary subjects or classes as may be approved by the Director, shall be arranged between the teacher and the student and approved by the Director; but no such fee shall be less than £16/16/0 a year.

‡(b) The fees shall be paid either in one sum at least seven clear days before the first day of the first term of the Conservatorium year or in three instalments each at least seven clear days before the first day of each term.

(c) A student who desires to take additional secondary subjects or classes may do so with the approval of the Director and on payment of the fees prescribed.

(d) The fees for secondary and other subjects and classes shall be as prescribed by the Council from time to time.

*9A. 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 (a) 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 (b) 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.

10. At the end of the year each student who has been studying a principal subject may, upon application in writing, receive a report of progress, signed by the Director.

11. (a) Scholarships may be established from time to time by the Council, or by private individuals, under 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.

12. All students shall conform to the present and all future rules "Of the Elder Conservatorium."

† Allowed 25th August, 1955.

‡ Allowed 22nd December, 1955.

* Allowed 22nd January, 1953.

Allowed 16th December, 1948.

SCHEDULE OF FEES PRESCRIBED BY THE COUNCIL

Principal Study (30-minute lesson):

£37/16/0 a year, or £12/12/0 a term.

Secondary Study (20-minute lesson):

£18/18/- a year, or £6/6/0 a term.

Class Subjects (principal study fees cover Basic Theory and General Musical knowledge classes):

For one class - - - - - £5/5/0 a year

For two or more classes - - - - £7/17/6 a year

General Service Fee:

£1/10/0 a year

Diploma Course:

£63 a year, or £21 a term

 OF THE ELDER CONSERVATORIUM

RULES

All students studying principal subjects shall conform to the following rules:—

1. Arrangements for continuing or receiving lessons shall be made through the Director, and all fees shall be paid to the Registrar of the University at the beginning of each term.

2. Students intending to discontinue lessons must give notice to the Director in writing of such intention at least one month before the end of the term.

3. Students shall attend punctually at the hour appointed for their lessons, and in the event of absence shall notify the Secretary.

4. Students shall not, except by permission of the Director, receive their lessons elsewhere than at the Conservatorium.

5. Students shall attend such orchestral, vocal, or other class as the Director shall deem essential to their progress.

6. Students 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. Students shall not, except by permission of the Director, publish any composition. A copy of any composition so published shall be deposited in the Library of the Conservatorium.

8. Students guilty of impropriety or breach of the rules shall be reported to the Board of Discipline.

Made by Council, 18th July, 1919.

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.

Awarded for 1955—

Schumacher, Colin (Singing).

Awarded for 1956—

Barratt, Lindsay John (Violoncello).

Awarded for 1957—

Siggs, Meredith Lillian (Violin).

Petchell, Brian Mark (Organ).

Smith, David Aitchison (Pianoforte).

Awarded for 1958—

Gurner, Ruth Eleanor (Singing).

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 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, page 201.

Awards.

For previous awards, see Calendars from 1934.

Awarded for 1949—

Haddy, Kenneth Ian (Pianoforte) (resigned 1950).

Awarded for 1951—

Partridge, Geoffrey Thomas (Pianoforte).

Awarded for 1955—

Taverner, Margaret (Pianoforte).

Awarded for 1958—

Kneebone, Barbara Frances (Singing).

THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 205.

Awards.

For previous awards, see Calendars from 1924.

Awarded for 1954—

Leonard, Mary Jocelyn (Pianoforte).

Awarded for 1955—

Cann, Melvyn (Violin).

Award for 1957—

Macpherson, Margaret Webster (Singing).

Award for 1958—

Grange, Marilyn Lyle (Violin).

THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

The sisters of the late Selborne Moutray Russell have founded in his memory two scholarships each tenable for three years at the Elder Conservatorium of Music.

For conditions, see Statutes, Chapter LXIX, page 221.

Awards.

For previous awards, see Calendars from 1954.

Awarded for 1954—

Cornish, William Rodolph (Oboe).

Awarded for 1955—

Rodger, Trevor (Singing).

Awarded for 1956—

Best, Michael Robert (Oboe).

Awarded for 1958—

Hodge, Warren David Payne (Singing).

THE LUCY JOSEPHINE BAGOT PRIZE

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII, page 221.

Awards.

For previous awards, see Calendars from 1954.

1954—Giles, Ian.

1956—Rodger, Trevor Stuart.

1955—Wallace, Nita.

1957—Hatcher, Ralph Kelvin.

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, page 223.

Awards.

For 1949 (Exhibitions in lieu of Scholarship)—

Kernick, Colin

Magraith, Glenford Ward

For 1950—

Ridgway, Athol John

For 1955—

Field, Christine

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 LXI, page 224.

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

Award.

1950—Loughhead, D. C.

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

Awards

For 1953—Warnecke, Mary. For 1957—Robjohns, Gwenyth.
For 1955—McDonald, Harry Roy.

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.

1952—Bice, Brenda M.	1955—Dillon, Judith Lynette
1953—Bice, Brenda M.	1956—Mackie, Georgina.
1954—Liston, Janet Elaine.	1957—Brown, Patricia Lorraine.

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, page 226.

Awards.

- For 1945—
Sawtell, Dorothy Helen.
- For 1948—
Whitford, Pauline Marie Cecilia.
- For 1951—
Perry, John William Joseph.
- For 1954—
Lawton, John William Magarey.
- For 1957—
Levy, Juliette Isabelle Hinde.

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, page 228.

Awards.

- | | |
|--------------------------------------|---|
| For 1951—
Thiele, James. | For 1958—
(Exhibition in lieu of
scholarship) |
| For 1954—
No award. | von Einem, Lyal Bernard |
| For 1955—
von Einem, Lyal Bernard | |

THE ELDER CONSERVATORIUM OLD SCHOLARS
ASSOCIATION PRIZE

RULES

Whereas the Elder Conservatorium Old Scholars Association has expressed a desire to found a prize tenable at the Elder Conservatorium of Music and to provide from year to year the sum of £25 necessary for that purpose, the following rules are hereby prescribed:

1. The prize so provided shall be called The Elder Conservatorium Old Scholars Association Prize, and shall be tenable for one year at the Elder Conservatorium of Music.

2. The value of the prize shall be £25 and shall be applied towards tuition fees 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.

3. The prize shall be open for competition in any subject which is taught as a principal subject at the Elder Conservatorium. No restriction shall be placed on the choice by a candidate of any such subject, but the candidate shall indicate the subject or subjects in respect of which he submits his application.

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. The prize shall be awarded for one year. The holder will be eligible to compete again for the prize, and if successful to hold it for a second year, but no one shall hold it for more than two years.

5. A candidate for the prize shall be a British subject and shall have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the prize. No person who holds or has held a scholarship tenable for three years at the Elder Conservatorium shall be eligible to compete for the Elder Conservatorium Old Scholars Association Prize in the same subject.

6. Every candidate shall pay an examination fee of £1 ls. and shall undergo such examination as the Council may direct.

7. The prize shall be awarded only if in the opinion of the examiners there is a candidate of sufficient merit.

8. The prize may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

8a. A prize-winner shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. The prize shall be offered for competition either towards the end or at the beginning of the Conservatorium year.

Awards.

For previous awards, see Calendars from 1952.

For 1954—

Peters, Margaret Noel (Pianoforte).

For 1955—

Smith, David.

For 1956—

Marshall, Robert James.

For 1957—

Heck, Judith Anne (Pianoforte).

For 1958—

Chapman, John Pearce (Pianoforte).

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.

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 1s. 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.

Scholarship Awards.

For previous awards see Calendar for 1956.

For 1955—

Hearne, Janice.

For 1956—

Macpherson, Margaret Webster.

For 1957—

Daviess, Jean Marcia.

For 1958—

Annear, Gwenyth.

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.

For conditions, see Chapter LXXIX of the Statutes, page 231.

Awards.

For 1953—

Thompson, Dorothy.

For 1956—

Hearne, Janice Lesley.

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 1955—

Best, Michael (Oboe).
Howard, Virginia (Clarinet).
Adams, Anthony (Bassoon).
Buddle, Anthony (French Horn).

For 1956—

Pegge, Edmund Cyril Colbeck (French Horn).
Burden, Daine Adrian Salmon (Flute).
Fowler, Malcolm Charles (Oboe).
Shepherd, Brian (Clarinet).
Davies, Peter Owen Alfred Lawe (Bassoon).

For 1957—

Terry, Graham Robert (Clarinet).
McLeod, John George (Bassoon).
Lisners, Ursula } (Oboe).
Walker, Patricia }
Kenny, Michael John (French Horn).

For 1958—

Whyte, Graham Howard (Flute).
Terry, Graham Robert (Clarinet).
McLeod, John George (Bassoon).

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 (see p. 253) 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.

Fischer, Otto; Magarey (nee Hack), Guli; Kennedy, H. W. M.; Corvan, Mary T.; Porter, Adelaide; Jones, H. Brewster; Pelly, Gwendoline; Kleinschmidt, Clara (Clara Serena); O'Dea, Kathleen; Robertson, Merle; Chaplin, Erica (1920); Bishop, Lionel Albert John (1922); Grivell, Charlotte (1923); Watson, Richard (1925); Naylor, Ruth

(1928); Hyde, Miriam Beatrice (1931); Sumner, Thelma Joyce (1935); Govenlock, James (1946); Fearn, Peggy (1951); Schramm, Kathryn (1954).

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 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.

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 Macmeikan 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 92 acres by purchase, and a further area of 50 acres associated with the Urrbrae Agricultural High School is leased from the Education Department of South Australia.

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 specially for undergraduate teaching and for biological research was added in 1948.

In addition to the laboratories, a range of glasshouses, including a cool house, two implement sheds, a cereal barn, and a wool shed have been erected since 1925. The John Mortlock Field Station is maintained at Yudnapinna, in the north-west pastoral country.

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. The Institute is reimbursed for certain maintenance expenditure incurred on behalf of officers of the Commonwealth Scientific and Industrial Research Organization for the Division of Soils and the Australian Wine Research Institute. Grants are received from the Wool Research Committee, the Barley Improvement Trust Fund, the Rural Credits Development Fund of the Commonwealth Bank of Australia and Imperial Chemical Industries of Australia and New Zealand Ltd.

The Waite Institute is the headquarters of the Division of Soils of the Commonwealth Scientific and Industrial Research Organization.

The Institute provides facilities for teaching in the advanced years of the Faculty of Agricultural Science and in association with the appropriate schools of pure science in the University for post-graduate training and research.

The scientific work of the Institute is centred round the study of the principles of crop and pasture husbandry and of the scientific disciplines which may be associated with this aspect of agriculture.

Through a grant from the Wool Research Committee, a small unit of animal husbandry has recently been established within the Department of Agronomy. 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 Soil Science).

PLANT PATHOLOGY (which includes Soil Microbiology).

ENTOMOLOGY.

PLANT PHYSIOLOGY.

There is also a section of statistics.

For the staff of the Institute, see page 63.

THE ANTI-CANCER CAMPAIGN COMMITTEE

The Anti-Cancer Campaign Committee of the University of Adelaide was formed in 1928 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. With increasing requirements, the Committee was called upon to spend more and more of its funds on the Radiotherapy Department until it was responsible for four salaried medical officers and four physicists employed there. By agreement with the Board of the Hospital it was then arranged that the Committee should be financially responsible for the research activities of the Radiotherapy Department, while the Board would provide funds for the routine treatment of patients, and as a result three of the Committee's medical officers were transferred to the Public Service.

ADMINISTRATION: The General Committee which decides matters of major policy consists of about 50 members who represent a wide cross-section of the community. This Committee has appointed various sub-committees, including an Executive Committee and a Finance Committee, for the day-to-day conduct of its affairs.

FINANCE: The Committee'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.

Three public appeals for funds have been made; the first in 1928 realised about £6,000, the second in 1939 about £3,000, and the third in 1950, through a Lord Mayor's committee, more than £100,000. Part of the latter was designed to pay for a very high-voltage X-ray machine which has now been installed at the Royal Adelaide Hospital.

Government grants and subsidies include £5,000 from the Federal Government in 1929, and from the South Australian Government £5,000 in 1929, £2,500 in 1939, £3,000 per annum between 1938

and 1952 and £5,000 per annum since then. In addition a £16,000 subsidy has been granted towards the purchase of the supervoltage plant, while the Government has also met the large expense of housing the plant at the Royal Adelaide Hospital.

RESEARCH: The Committee has adopted the policy that, with the funds and facilities available to it, clinical research would probably be the most rewarding; to that end a medical officer and stenographer are employed in recording the cases of cancer in the Royal Adelaide Hospital for statistical analysis in due course, while the early interest was largely centred on the Radiotherapy Clinic at the hospital. Much of the time of the four physicists is employed in fundamental research, some of which has been of considerable value to radiotherapy; the Committee has provided the necessary money for its publication.

It has also subsidised specified projects in the Institute of Medical and Veterinary Science, and in recent years granted financial aid to Professor Badger and Professor Jordan for the engagement of technical staff for enquiries into chemical and biological properties of certain carcinogenic agents and into the nucleoproteins of various tissues, including malignant tissues.

In addition the Committee bears the cost of the provision, housing, maintenance and operation of the plant used to collect and dispense radon gas from the 450 mg. of radium lent by the Federal Government for the purpose; the radon is used partly for research but mainly for the treatment of patients.

EDUCATION: To enable them to keep in touch with the most recent developments in their field, the Committee has, in whole or in part, paid for overseas study tours by a pathologist and two physicists. It has also enabled a medical officer and the physicists to attend approved scientific conferences in Australia, with subsequent advantage to the State. From time to time memoranda on various aspects of the cancer problem have been sent to medical practitioners in South Australia, and limited public education campaigns were conducted in 1950 and in 1957.

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 Adelaide University 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. Since then the College has acquired additional properties and buildings and now provides residence for over 100 tutors and undergraduates.

The College is governed by a Council of twenty-four members representing the Church of England, the Council of the University, the Governors of St. Peter's College, the College Council, and the Old Collegians. The Chairman is Sir J. Keith Angas. Although the College is primarily under the sponsorship of the Church of England, it is freely open to men of all religious denominations.

From 1941 to 1945 inclusive the College leased its property to the Royal Australian Air Force. It re-opened in March, 1946, and again afforded residence in close proximity to the University, together with special tutorial assistance and other facilities for students.

Intending entrants should apply to

The Master—R. B. Lewis, B.A., B.Sc., St. Mark's College, Pennington Terrace, North Adelaide; Telephone M 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 and three adjoining properties purchased by the College Council. 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 60 students.

The College Council consists of fifteen members, of whom ten are women. It is comprised of two nominees of the University Council, two nominees of the Women Graduates' Association, one nominee of the Headmistresses' Association, and ten elected members. Dr. Helen Mayo is Chairman of the Council, Miss L. K. Symon Chairman of the Finance Committee, and Mrs. F. R. Hone Chairman of the House Committee.

Further details can be supplied by Miss L. Bush, M.A., Principal, 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, Mr. 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. There is now accommodation for about 70 resident 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 Michael Scott, S.J., M.Sc., and the Dean is the Rev. Peter Green, S.J., B.Sc., B.E.

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.

The purchase of a second property on Brougham Place and the leasing of a further property in Tynte Street has provided accommodation for a total of eighty-five students.

In addition to an initial gift of £10,000 by the Methodist Church, a further £35,000 has been raised by public subscription.

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 C. J. Schwartz, M.B., B.S. During the absence of the Master on Study Leave in 1958, the Vice-Master is Acting Master of the College.

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 Commercial Studies (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.

THE AUSTRALASIAN INSTITUTE OF COST ACCOUNTANTS

The Australasian Institute of Cost Accountants (which is affiliated with the Australian Society of Accountants) will grant exemption from examinations of the Institute to graduates who hold the Bachelor of Economics degree, with a pass in Cost Accounting, and who join the Australian Society of Accountants. Applications for exemption should be made to the State Registrar of the Institute from whom further information may be obtained.

ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities Year-book* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 36 Gordon Square, London, W.C.1.

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 Commercial Studies (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 (see page 193):—

- 1904—"Commercial Education," by Henry Gyles Turner, Esq.
- 1906—"Commercial Character," by L. A. Jessop, Esq.
- 1908—"The Influence of Commerce on Civilization," by J. Currie Elles, Esq.
- 1910—"Banking as a Factor in the Development of Trade and Commerce," by J. Russell French, Esq.
- 1912—"Australian Company Law; and some sidelights on Modern Commerce," by H. Y. Braddon, Esq.
- 1914—"Problems of Transportation, and their relation to Australian Trade and Commerce," by the Hon. D. J. Gordon, M.L.C.
- 1917—"War Finance: Loans, Paper Money, and Taxation," by Professor R. F. Irvine, M.A.
- 1919—"The Humanizing of Commerce and Industry," by Gerald Mussen, Esq.
- 1921—"Currency and Prices in Australia," by Professor D. B. Copland, M.A.
- 1923—"Money, Credit, and Exchange," by J. Russell Butchart, Esq.
- 1925—"The Guilds," by Sir Henry Braddon, K.B.E., M.L.C.
- *1927—"The Financial and Economic Position of Australia," by the Right Hon. S. M. Bruce, P.C., C.H., M.C.

- 1929—"Public Finance in Relation to Commerce," by Professor R. C. Mills, LL.M., D.Sc. (Econ.).
- *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 L. 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 Trades," by Professor J. E. Meade, C.B., M.A., F.B.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.

The following lectures have been given:

1945—"Theory and Practice in Accounting for Commodity Stocks," by Mr. A. A. Fitzgerald, B.Com., F.I.C.A.

1946—"Differential Costs as an Aid to Management," by Mr. W. D. Scott, F.I.C.A., A.C.A. (Aust.).

1947—"Basic Concepts of Cost," by Mr. H. F. Downes, Dip.Com. (Melb.), A.C.I.A.

1948—"Modern Developments in Corporate Accounting," by Mr. R. A. Irish, F.I.C.A., F.C.A. (Aust.).

1949—"The Formal Structure of Accounts," by Mr. F. Sewell Bray, F.C.A., F.S.A.A., Senior Nuffield Research Scholar in Applied Economics, Cambridge.

1950—"Accounting and Financial Policy," by Mr. R. J. Chambers, B.Ec., A.I.C.A.

1951—"Integration of Taxation and Accountancy Principles in Commonwealth Income Tax," by Mr. J. M. Greenwood, LL.B., F.I.C.A.

1953—"Dilemmas and Challenges in Modern Accounting," by Professor Mary E. Murphy, Ph.D. (London), C.P.A.

1954—"The Capital Structure of Australian Companies," by Mr. K. C. Keown.

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.

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 Mr. W. H. R. Nimmo, M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.(Aust.).

ADULT EDUCATION CLASSES

These classes—consisting of Tutorial Classes, Lecture Classes, and Study Circles—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. A tutorial class covers a three years' period of study, with 24 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 and study circles also meet 24 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 £1 1s. for one class, and 10s. 6d. for each additional class in which they enrol.

The work is administered by a Joint Committee of the University and the Workers' Educational Association (representing the students).

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' Education 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.

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 1957, provided that sufficient students enrol for each class: Biology, Chemistry I, Comparative Philology, Economic Geography, Economics I and II, Economic Statistics I, Education, English IA, I and II, French I, Geology I, Geography I, II and III, German I, II, and III, History I, IIA and III, and Social History, Latin I, Philosophy I, Physics I, Politics II and IIIB, Psychology I and IA, Pure Mathematics I, Elementary Constitutional Law, Elements of Accounting, Financial Accounting, Cost Accounting and Commercial Law B.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships, page 324).

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.

1938	Osman, Neile	1946	Hubbard, Margaret Eileen,
1939	Howard, Leo, B.A.		B.A.
1940	Adams, Philip Paul	1947-1957	No award

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.

1954	Priebbenow, Clarence R.	1956	Medlin, Brian H.	} equal
1955	Hood, Margaret Daphne		Tsangaris, George P.	
		1957	Kelly, David St. Leger	

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.

1955	Priebbenow, Clarence R.	1957	Donaldson, Pamela M.	} equal
1956	Andrews, Judith Mary		Mann, Airdrie Jean	

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, page 180.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1953	No award	1955	Robertson, Margaret Jean
1954	Dodwell, David	1957	Wilson, Philippa Morag

Scholars:

1937	Kerr, Colin Gregory	1949	Wall, Barbara Deane
1945	Smith, Cecil Teesdale	1955	Tregenza, John Miller

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 or non-graduating woman student in the first-year course in English Literature who, in the opinion of the Professor, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded, and it shall not be awarded to a student who has taken the course previously. The money shall be spent on books for which a book-plate will be provided.

Made by Council 25th November, 1921.

Awards.

For previous awards, see Calendars from 1927.

1954	Wilson, Phillipa M.	1956	Glinka, Natalie
1955	Kersten, Lee Irving	1957	Sykes, Meredith Elizabeth

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.

1954	Robertson, Margaret J.	1956	Schild, Maurice Edmund
1955	Ryan, Sydney Lawrence	1957	O'Grady, Helen Patricia

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, page 199.

For 1958 the subject prescribed is a poem of about 100 lines on a theme connected with Australia.

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.

1941	Harris, Maxwell Henley	1950	Hansen, Ian Victor, B.A.
1947	Taylor, Michael Gleeson	1957	Walsh, Elizabeth Jan, B.A.

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.

1954	Glenn, Margaret J.	1956	Kersten, Lee Irving
1955	Lokan, Frances Anne	1957	Wagstaff, Rosemary

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 Calendar for 1953.

1953	Bradley, Michael Charles	1955	Hambly, Peter Sutherland
1954	Cornell, Phillipa S.	1956	Glenn, Margaret Joy

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.

1956	Behrens, Dietrich Wilhelm Frido (German I)
	Kersten, Lee Irving (German II)
1957	Ratz, Alfred Egon (German I)
	Hocking, Brian Dominic Windsor (German II)

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 213.

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, page 195.

Awards.

For previous awards, see Calendars from 1913.

- | | | | |
|------|-----------------------|------|------------------------|
| 1954 | Bowes, Keith R. | 1956 | Greet, Raymond James |
| 1955 | Pocock, Edward Robert | 1957 | Phillips, Walter Wynne |

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 Calendar for 1955.

- | | | | |
|------|----------------------|------|-----------------------|
| 1954 | Michell, Meredith J. | 1956 | Gibson, Patricia Mary |
| 1955 | Kersten, Lee Irving | 1957 | Beer, Donald Robert |

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, page 186.

Awards.

For previous awards, see Calendars from 1904.

1954	Bradley, Michael C.	1956	Lowke, John James
1955	No award	1957	Knauerhase, Juliet M. L.

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.

1954	Schneider, Michael P.	1956	Bradley, Michael Charles
1955	Smith, Barry Whitmore	1957	Medlin, Brian Herbert

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.

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, page 217.

Awards.

- 1940 Broomhead, Edwin Norman, M.A. 1947 Worthley, Boyce Wilson, B.A., M.Sc.
1943 Knauerhase, Oscar Carl, B.A.

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.

- 1956 Lowes, Anthony John 1957 Bickerton, Ian James

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.

Award.

- 1957 Donaldson, Pamela Margaret

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.

Award.

- 1957 George, Brenton

Overseas Scholarships in Arts and Economics

RULES

1. The Council, on the recommendation of the Faculty of Arts, may in any one year award one Postgraduate Overseas Scholarship tenable abroad, or in special circumstances two.

2. The normal tenure of a scholarship will be two years, beginning about July or August. In exceptional cases the period of tenure may be extended for a third year, but not longer.

3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.

(b) One quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.

(c) Payment of the scholarship for the second year will be contingent upon the Faculty's receiving, from the candidate's supervisor or from the Head of the Department in which he is studying, a satisfactory report on his work during the first year.

4. To be eligible for nomination by the Faculty a candidate must:

(a) be under the age of 25 years on December 31 of the year preceding that for which the award is sought;

(b) have obtained, within the previous three years, the Honours Degree of Bachelor of Arts or of Economics in the University of Adelaide;

(c) submit, for the approval of the Faculty, a proposed course of advanced study or research extending over not less than two years of full-time work at an approved University or similar institution abroad;

(d) show, to the satisfaction of the Faculty, that if granted an Overseas Scholarship he would have sufficient additional funds to enable him to travel to the University or similar institution of his choice, and there to undertake the proposed course.

5. Before nominating an eligible candidate the Faculty will take into consideration:

(a) the likelihood that the candidate will be able to complete successfully his proposed work overseas;

(b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia.

6. (a) Applications through the Head of the candidate's Department should be made to the Faculty in or about August of the year preceding that for which the award is sought.

(b) A candidate who expects to take the examination for his Honours Degree in the following November may apply in August in anticipation of his results.

(c) Nominations for scholarships to begin about July or August will normally be made to the Council by the Faculty in the preceding December.

7. The holder of an Overseas Scholarship shall submit annually to the Faculty, in or about July of each year, a report on the work he has done in the preceding academic year.

Awards.

- For 1955 Dodwell, David, B.A.
Head, John Graeme, B.Ec.
- For 1956 Moore, Robert Clifton, B.A.
- For 1957 Hambly, Peter Sutherland, B.A.
Robertson, Margaret Jean, B.A.
- For 1958 Bradley, Michael Charles, B.A.
Wilson, Philippa Morag, B.A.

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, page 207.

Awards.

For previous awards, see Calendars from 1930.

- | | | | |
|------|-----------------------------|------|----------------------|
| 1947 | Robinson, Mary K., B.Sc. | 1954 | Brown, Judith Eileen |
| 1949 | Jeffery, Margaret W., B.Sc. | | Martin, Helene Alice |
| 1951 | Martin, Peter Gordon | 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, page 198.

Awards.

For previous awards, see Calendars from 1914.

Scholarships.

- | | | | |
|------|----------------------|------|--------------------------|
| 1953 | Barlow, Douglas John | 1955 | Ward, Margaret Hawthorne |
| 1954 | Sherwood, Leonie M. | 1957 | Hollamby, Gilbert John |

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 III as prescribed for the Ordinary degree of Bachelor of Science.

Awards.

For previous awards, see Calendars from 1954.

1954	Burns, Erica Marian	1956	No award
1955	No award	1957	Ward, Margaret Hawthorne

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, page 212.

Awards.

1933	Parker, Cecil David, B.Sc.	1949	Seidler, Jan Hynek
1938	Gillespie, Donald Tom C., B.Sc.	1952	Thompson, Malcolm James
		1954	Gooden, John E. A.

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	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, page 197.

Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc.
1921	West, Eric Stadden, B.Sc.		(resigned 1926)
1923	Lewcock, Harry K., B.Sc.	1928	Piper, Gordon R., 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, page 219.

Awards.

For previous awards, see Calendars from 1954.

1954	Daily, Brian	1956	Brett, Peter Robin
	Wade, Mary Julia	1957	Beck, Kevin Charles
1955	Sando, Margaret	1958	McGowran, Brian

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.

Postgraduate Scholarship in Physics.

Philips Electrical Industries Pty. Limited undertook in 1954 to provide for three years a Postgraduate Scholarship in Physics; and in 1957 the Company agreed to continue the scholarship "until further notice."

The value of the Scholarship is £750 a year; its purpose is to encourage research in the field of electronics; and it is awarded by the Company on the nomination of the Professor of Physics. (D.3/55)

Awards.

1955	Murray, Eric L., B.Sc.	1957	Elford, Malcolm T., Ph.D.
1956	Milton, Bernard E., B.Sc.	1958	Mainstone, John S., B.Sc.

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.

1954	Shepherd, Kenneth W.	1956	No award
1955	Van Velsen, Reuben John	1957	Haselgrove, Richard F.

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.

Award.

1956	Birks, Peter Roland	1957	Carrail, Robert Murray
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The Barr Smith Travelling Scholarship in Agriculture

In 1953 Tom Elder 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, page 232.

Award.

1955/7 Parsons, Peter Angas, B.Ag.Sc.

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, page 177.

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.

1948	Crompton, James W., B.Sc. (Eng.)	1950	Crisp, John D. C., B.E. Kaneff, Stephen D., B.E.
	Mitchell, Leigh H., B.E.	1952	Rose, Gordon Albert

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, page 179.

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.

1952 Hearn, Anthony Clem	1955 Barter, Ian Walter
1954 Dean, Harry Michael	1956 Goodrich, John Eric

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, page 216.

Awards.

For previous awards, see Calendars from 1943.

1954 Kwok, Hae Leong	1956 Kennedy, Michael Brian
1955 Billingham, Onslow C.	1957 Araszkiwicz, Wieslaw

Prox. acc.:

Kelly, Robert John
Schubert, Cedric Felix

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.

1954 Esdaile, James Durie	1956 Nordin, Alfred Walter
1955 Staker, Robert	1957 No award

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 Calendar for 1956.

1955	Henderson, Ronald G.	}equal	1956	Kelly, Robert John
	Robinson, John Walton		1957	Davis, Bruce Raymond

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.

1955	Butcher, Ian Robert	}equal	1956	Wigg, Hugh Higham
	Puksand, Harry		1957	Symons, Frederick John W.

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.

1954	Baker, Donald M. } Wall, Ian B. }	} equal	1956	Staples, Roy William F.
1955	Smith, Roger		1957	Gates, Malcolm John

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.

1956	Burgess, John A. } Robinson, John W. }	} equal	1957	Gates, Malcolm John
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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.

1954	No award		1957	Gates, Malcolm J. } Wigg, Hugh H. }	} equal
1955	No award				
1956	Bartsch, Kenneth Murray				

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 until 1958 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 upon the recommendation of the Faculty of Engineering to the matriculated student in the final year of the Electrical Engineering course of that Faculty who attains the highest standard in the annual written and practical examinations in Electronic Control, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed to be of sufficient merit.

Awards

For previous awards, see Calendars from 1954.

1955	Chase, Brian Collison	1957	Gates, Malcolm John
1956	Burgess, John A. } equal		
	Butcher, Ian R. }		

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.

Award.

1956	Butcher, Ian Robert	1957	Wigg, Hugh Higham
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The Rutter Jewell-Thomas Prize and Medal.

RULES

Whereas Rutter Jewell-Thomas Esquire has given to the University the sum of £500 for the purposes indicated below, the following Rules are hereby made:

1. A Medal and Prize, to be known as "The Rutter Jewell-Thomas Medal and Prize" shall be offered for competition annually.

2. The Prize shall consist of one book selected by the Prizeman and approved by the Head of the Department of Metallurgical and Chemical Engineering.

3. Provided that there is a candidate of sufficient merit, the Medal and Prize shall be awarded to the student completing the final year of the undergraduate course in Metallurgical and Chemical Engineering whose academic record is adjudged best.

4. The balance of the income from the capital sum each year, after the cost of the Medal and Prize has been met, shall be used for the purchase of books or journals or both for the library of the department of Mining, Metallurgical and Chemical Engineering.

Awards.

1955	Matthew, Ian George	1957	Gray, Neil Boon
1956	Nordin, Alfred Walter		<i>Prox. acc.:</i> Field, Graham John

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, page 181.

Awards.

For previous awards, see Calendars from 1904.

1956	Prior, Graham Clifton Cornish, William Rodolph	1957	Cornish, William Rodolph Prior, Graham Clifton Debelle, Bruce Malcolm Kelly, David St. Leger
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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.

1939	{Menzies, Duncan C.	1945	Wells, William Andrew N.
	{Palmer, Ernest William	1953	Wilson, Ian Bonython 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, page 216.

Awards.

For previous awards, see Calendars from 1945.

1954	Wilson, Ian Bonython C. Shepherd, Scoresby Arthur	1957	Kirsch, Marina Prior, Graham Clifton
1956	Prior, Graham Clifton Coles, Gervaise John L.		<i>Prox. acc.:</i> Cornish, William Rodolph

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 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, page 211.

Awards.

1929 Bleby, Thelma E. LL.B. 1956 O'Connell, Daniel Patrick,
1937 Bray, John J., LL.D. B.A., LL.M., Ph.D.
1933 Wynes, William A., LL.B.

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.

1953/57 No award

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

1952 Burchett, Kemerl Anne 1957 Curnow, Doreen

1954 Jago, John Geoffrey

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.

1955	Pomroy, Andrew F.	1957	Chapman, Phillip John
1956	Gabb, Bronte Winston.	1958	Harding, Philip Ernest

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.

1955	Rice, John Peter	1957	Walsh, John Alfred
1956	Miller, Colin D. J.		
	<i>Prox. acc.:</i>		
	Hewitson, Douglas Keith		

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.

1954	Barlow, Douglas John	1956	Andersen, Graham John
1955	Aldor, Thomas Arthur	1957	Miller, Colin David John

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, page 186.

Awards.

For previous awards, see Calendars from 1911.

1955	Third Examination: Barlow, Douglas J.	1957	Third Examination: Kimber, Richard J.	} equal
	Fourth Examination: Jose, John S.		Manuel, Josephine G. K.	
1956	Third Examination: Fahy, Carlien L.		<i>Prox acc.:</i> Wood, Alice G.	
	Fifth Examination: McCall, Michael G.		Fifth Examination: Barlow, Douglas J.	

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 Professor of Pathology is of sufficient merit.

Awards

For previous awards, see Calendars from 1953.

1954	No award	1956	McCall, Michael George
1955	Jose, John Salisbury	1957	Barlow, Douglas John

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

- | | | | |
|------|--|------|----------------------|
| 1955 | Lindsay, Thomas Bruce,
M.D.S. | 1957 | Barlow, Douglas John |
| 1956 | Hui, Weng Choon
<i>Prox. acc.:</i>
Barr, Alan Marshall | | |

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, page 214.

Awards.

For previous awards, see Calendars from 1942.

- | | | | |
|------|-----------------------|------|---------------------------|
| 1954 | Barbour, Robert Angus | 1956 | Bonner, Brian Christopher |
| 1955 | Fitch, Kenneth Duncan | 1957 | Foong, Siew Muay |

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, page 205.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|---|------|-------------------------|
| 1954 | Cox, John Samuel Tweedale | 1956 | Woods, Arthur Frederick |
| 1955 | Forbes, Ian James
<i>Prox. acc.:</i>
Powrie, Robert Malcolm | 1957 | Kinlough, Margaret Anne |

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, page 181.

Awards.

For previous awards, see Calendars from 1904.

1954	Schwartz, Colin John	1955	Robertson, Anthony Oliver
	<i>Prox. acc.:</i>	1956	Jose, John Salisbury
	Posen, Solomon	1957	Gunning, Julienne E. S.

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, page 202.

Awards.

For previous awards, see Calendars from 1939.

1954	Reid, Donald Peter	1956	Knight, Edwin Walter
1955	Lindsay, Thomas Bruce, M.D.S.	1957	Barlow, Douglas J. } Smith, J. R. C., B.Sc. } equal

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.

1953	Wyllie, Robert Gurner	1955	Jose, John Salisbury
	<i>Prox. acc.:</i>	1956	Parks, Veronica June
	Posen, Solomon		<i>Prox. acc.:</i>
	McAuliffe, David Jeremiah		Beare, James Hudson
1954	Robertson, Anthony Oliver	1957	Hall, Donald Richard

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.

1955	Fitch, Kenneth Duncan	1956	Brown, Jennifer May
	<i>Prox. acc.:</i>	1957	Kinlough, Margaret Anne
	Robertson, Anthony Oliver		
	Tan Kheng Khoo		

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.

For conditions, see Statutes, Chapter LXIII, page 217.

Awards.

For previous awards, see Calendars from 1944.

1954	Pak Poy, Reginald K. F.	1957	Gunning, Julienne E. S.
1955	Lykke, Athol William John		<i>Prox. acc.:</i>
1956	Jose, John Salisbury		Mann, William Eric

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, page 217.

Awards.

1955	Robertson, Anthony O.	1957	Gunning, Julienne	} equal
1956	Brown, Jennifer M.		E. S.	
			Kinlough, Margaret	
			A.	

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, page 218.

Awards.

For previous awards, see Calendars from 1946.

1954	Playford, Margaret Claire	1956	Brand, Ian Allan George
1955	Lykke, Athol William John	1957	Spence, Robin Douglas J.

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, page 218.

Award.

- 1946 Gregg, N. McAlister, M.B. Ch.M. (Syd.)
 1954 Fleming, W. E., M.B., B.S., D.L.O. (Melb.).

Wyeth Prize in Obstetrics.

The Council has accepted the offer of Wyeth Incorporated to provide an annual prize of £20 to the candidate placed first in Clinical Obstetrics at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery (D. 341/45).

Awards.

For previous awards see Calendars from 1945.

- | | |
|---------------------------|------------------------------|
| 1954 Munday, Robert Neill | 1956 Weston, Frank Keith |
| 1955 Cohen, Harry | 1957 Kinlough, Margaret Anne |

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.

Award.

- | | | |
|-----------------------------|-------------------------|---------|
| 1956 Guerin, Robert Langley | 1957 McCall, Michael G. | } equal |
| | Tozer, Ross 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 of award, see Statutes, Chapter LVII, page 215.

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. | |

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 of Hoffman-La Roche Prizes, see Calendars from 1937.

- 1955 Junior Prize: Barr, Alan Marshall
 1956 Junior Prize: Barlow, Douglas John
 1957 Junior Prize: Fahy, Carlien Lorraine

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 1940 Junior Prize: Watson, Timothy Alfred Quinlan, B.Sc.
 For 1941 Junior Prize: Condon, Robert Francis, B.Sc.
 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.

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.

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.

Award

1950 Plummer, Alexander Philip, 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.

1955	McGrath, James Patrick	1957	Sherwin, Rolf Morton
1956	Billinghurst, H.	} equal	
	Kohler, B. L. P.		

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 £5/5/- 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.

1954	Heinrich, Harold G.	1956	Terrell, Richard Deane
1955	Tuckwell, Roger Hamilton	1957	Lawrence, Margaret Evelyn

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, page 203.

Awards.

For previous awards, see Calendars from 1954.

1942	Ramsay, Alexander M.,	1948	Opie, Roger Gilbert, M.A.
	B.Ec.	1952	Penny, David H., B.Ec.
1946	Cheek, Bruce M., B.A.		

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 diploma in Commerce.

For conditions, see Statutes, Chapter XXXVI, page 200.

Awards.

(BY THE UNIVERSITY.)

For previous awards, see Calendars from 1919.

1955	Haslam, Gavin Morris	1956	No award
	Johnson, Robert John	1957	No award

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, page 209.

Awards.

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, page 183.

Awards.

For previous awards, see Calendars from 1932.

1941 Mitchell, Shirley Eileen 1946 Noblett, Peter
1944 Gordon, John Llewellyn 1954 Wilson, Geoffrey Palmer

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, page 193.

Awards.

For previous awards, see Calendars from 1913.

1954 Sallis, Brian L.	1957 Terrell, Richard D.	} equal
1955 No award	Tremlett, Ian W.	
1956 Dixon, John		

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 Reader in Commercial Studies.

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.

- | | | |
|------|--|---------|
| 1954 | Heinrich, Harold G. (Accountancy I) | |
| | Carruthers, Alfred L. H. (Accountancy II) | |
| 1955 | Richards, Fred Kither (Accountancy I) | |
| | Harrison, Jack (Accountancy II) | |
| 1956 | Billingham, Howard (Accountancy I) | } equal |
| | Kelly, James Michael (Accountancy I) | |
| | Luke, David Alan Thomas (Accountancy II) | |
| 1957 | Hooker, Robert John, B.E. (Elements of Accounting) | |
| | Luke, David Alan Thomas (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 Reader in Commercial Studies.
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.

Award:

- | | | | | |
|------|------------------------|------|--------------------|---------|
| 1955 | Higgins, Raymond H. E. | 1957 | Mills, Bernard J. | } equal |
| 1956 | Bishop, John Neil | | Rogers, Jeffrey N. | |

Australasian Institute of Cost Accountants Prize in Cost Accounting

RULES

In 1948 the South Australian Divisional Council of the Australasian Institute of Cost Accountants Incorporated offered to provide annually the sum of £3 3s. for a prize in Cost Accountancy and Budgetary Control.

The prize so provided is awarded annually to the candidate placed first in the list of candidates who pass with credit in the annual examination in Cost Accounting.

Awards

For previous awards, see Calendars from 1954.

1954	Sallis, Brian L.	1956	Branson, Kenneth George
1955	Zajicek, Jan	1957	No award

S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control.

RULES

The Council having accepted the offer of the S.A. Chamber of Manufactures Incorporated to provide the sum of £10/10/- a year on a three-year basis for the purpose of providing prizes in Cost Accountancy and Budgetary Control, the following rules are hereby made:

1. A prize to encourage the study of Cost Accountancy and Budgetary Control, of the value of £10/10/-, and to be known as the S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control, shall be offered annually.

2. Provided that the work is of sufficient merit, the prize shall be awarded to the candidate undertaking the course in Accountancy IIIA or Accountancy IIIB who submits the best original essay on a subject prescribed by the Faculty of Economics and relating to Cost Accountancy and Budgetary Control.

3. In awarding marks for the essays, particular consideration will be given to papers which may be regarded as a contribution of permanent value to the literature upon some aspect of Cost Accountancy and Budgetary Control.

Awards.

1955	Robless, Cosmas L. } equal	1956	May, Geoffrey Ernest
	Daw, Arthur B. S. }	1957	Terrell, Richard Dean

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.

Award:

1957 Taeuber, Kenneth Charles

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:

1955 Chambers, Ruth Alva 1957 Hosking, Elizabeth Mary
1956 Cornell, Janet-Clare

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.

1952	Robertson, David S., M.Sc. (Manch.), B.Sc. (Adel.)
1954	Milligan, Brian, B.Sc.
1956	Christie, Basil James Frederick, B.Sc.
1958	Inman, Ross Banks, B.Sc. Henderson, Ronald George, B.E. (Special Scholarship)

The George Murray Scholarships

(In Faculties other than Arts and Economics)

RULES.

1. Beginning in 1957, two scholarships tenable at approved Universities or Institutions overseas will be offered each year for competition amongst outstanding graduates in faculties other than Arts and Economics.

2. The normal period of tenure of a scholarship will be two years. In exceptional cases the period of tenure may be extended for a third year, but not longer.

3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.

(b) One-quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.

(c) Payment of the scholarship for the second year will be contingent upon receipt by the University, 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 first year.

4. A candidate for a scholarship shall:

(a) hold one or other of the following qualifications, namely:

(i) the Honours degree of B.Sc., or B.Ag.Sc. or B.E. or B.Med.Sc., followed by at least one year (preferably two years) of full-time research work; or

- (ii) the degree of Master or Ph.D.; or
- (iii) the degrees of M.B., B.S., or the degree of B.D.S., LL.B. with Honours, or Mus.Bac., followed by at least two years of further studies;

(b) provide evidence that he would be accepted as a postgraduate research student by the Head of an appropriate department in a University or equivalent Institution abroad, and indicate the proposed field of study;

(c) give satisfactory evidence that if granted an Overseas Scholarship he will have sufficient additional funds to enable him to undertake his proposed course of study.

5. The following matters will be taken into consideration in determining the awards:

(a) the likelihood that the candidate will be able to pursue successfully his proposed work overseas;

(b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia;

(c) the extent to which each candidate is eligible for an outside scholarship.

6. A candidate should apply through the Head of his department to the Registrar not later than the end of November in the year preceding that for which the award is sought.

7. 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 academic year.

Awards.

- 1957 Keech, Donald Bruce, B.Sc.
Perrett, Lance Victor, M.B., B.S.
- 1958 Buttrose, Mark Sinclair, B.Ag.Sc.
Posen, Solomon, B.A. (Manc.), M.B., B.S.

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.

* About £1,400.

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

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 Post-graduate 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.

- 1955 Cathro, Keith James, B.E.
 Lill, John Charles, B.E.
 Smyth, Robert Walker, B.E.
 Tostevin, Graham Mark, B.E.
- 1956 Matthew, Ian George, B.Sc., B.E.
 Staker, Robert, B.E.
- 1957 Butcher, Ian Robert, B.E.
 Nolte, Bryan Trevor, B.E.
- 1958 Deacon, Glen Berenger, B.Sc.
 Gray, Neil Boon, B.E.

Shell Postgraduate Scholarships

The Shell Petroleum Company Limited, London, offers on behalf of the Royal Dutch/Shell Group of Oil Companies a limited number of scholarships, tenable in the United Kingdom, for post-graduate work in the applied sciences. The scholarships are designed to enable the holders, who must be graduates, to undertake two years' post-graduate 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 studies which the scholar intends to follow.

The scholarships are at present valued at £750 sterling a year, and the cost of the passage to and from the U.K. may be borne by the Shell Company of Australia Limited.

Candidates should normally be under 25 years of age at the date of application. They should have taken with high honours a first degree in Science or Engineering and—unless proceeding to a degree in Chemical Engineering—should preferably have completed at a recognised university one year of postgraduate research in the field of study in which, if elected to a Shell Scholarship, they would propose to continue during the succeeding two years.

Application for these scholarships should be made to the Secretary, Committee of Selection, Shell Postgraduate Scholarships, The Shell Company of Australia Limited, Melbourne, and the envelope enclosing them should be addressed and sent to the Registrar of the University in the State in which the applicant took his degree and endorsed "Shell Postgraduate Scholarship."

Awards to Adelaide Candidates.

1954 Brett, Horace William Walter, B.Sc.

1955 McCarthy, Ian Ellery, B.Sc.

In recent years the Shell Company has also offered a postgraduate scholarship in Arts. Further particulars may be obtained from the Registrar. (D. 297/55.)

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.

All graduates of Australian Universities are eligible to apply. Applicants, however, should make application to the particular University in which they desire to pursue their postgraduate studies. Graduates in all faculties 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.

1957 Mortimer, Peter Inkster, M.Sc.

Thompson, Malcolm James, B.Sc.

Kurucsev, Tomas, B.Sc.

1958 Mortimer, Peter Inkster, M.Sc. } awarded for
Thompson, Malcolm James, B.Sc. } second year

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.

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, page 196.

Conditions and Methods of Award by Faculties.

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 the candidate for the Ordinary Degree of Bachelor of Laws who, having been placed at his first attempt in the first class in at least four of the subjects in that course (excluding special subjects 1, 2, and 3), or in the first class in three and in the second class in three of those subjects, is considered by the examiners to be the most meritorious of the candidates graduating in that year.

Half of the amount of the scholarship will be paid to the scholar on the making of the award, and the balance will be paid if and when the scholar completes his qualifications for the Honours Degree of Bachelor of Laws within three years of the making of the award, or such extended time as the Faculty may allow.

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.

- 1951 Arts—Johnson, Margaret Isobel
Mills, John Murray
1952 Arts—Ellis, Brian David
1955 Law—Wilson, Ian Bonython Cameron
Arts—McGill, Ian Keith
1957 Arts—Glenn, Margaret Joy
Medlin, Brian Herbert
Law—Curnow, Doreen

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, page 203.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|---------------------|------|----------------------|
| 1950 | McCarthy, Ian John | 1952 | Thompson, Malcolm J. |
| 1951 | Walker, Ian Saville | 1954 | Gooden, John E. A. |

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 XVIIb, page 182.

Awards.

- | | | | |
|------|-------------------------|------|--|
| 1927 | Elliott, Ronald Donovan | 1942 | Cheek, Donald Brook |
| 1934 | Lemon, Arnold William | 1948 | O'Connell, Brian John |
| 1937 | Cheek, Nancy Olive | 1952 | Webber, Ian Ernest |
| 1942 | Wilson, Jack Woodrow | 1957 | Woods, Meredyth Tenison-
(resigned) |

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 tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.

FORMS OF CERTIFICATES.

To the University of Adelaide.

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

Dated at Adelaide this day of in
the year 19

(Lodge Seal.)

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure by of the St. Alban Scholarship, and has substituted in the room of the said

Dated at Adelaide the day of in
the year 19

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendars from 1921.

1942 Rounsevell, James Corryton 1953 Hambly, Francis Sutherland
1946 Perrett, Lance Victor 1957 Forgan, Dorothea Wald

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 1958 is either

- (a) Voting blocs in the United Nations or
- (b) Australian trust territories and the Trusteeship Council.

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, page 187.

Awards.

For previous awards, see Calendars from 1911.

1950	Lokan, Keith Henry	1954	Kersten, Lee Irving
1951	Alpers, Michael Philip	1955	Wells, Gregory Samuel.
1952	Aldor, Thomas Arthur M.	1956	Klaebe, Kenneth Eric
1953	Kelly, Robert John	1957	Perriam, Donald J.

Commonwealth Scholarships

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. The scholarships serve a two-fold 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 nearly all Commonwealth Scholarships (more than 250 a year and referred to below as "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; previous successful study in such courses may not disqualify. 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; School of Mines diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindergarten Training College; diplomas in Pharmacy and Optometry. Lists of courses available in this and other states may be seen at the Scholarships Branch, Second Floor, Education Building, Flinders Street, Adelaide.

Some Commonwealth 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. It is also open for a student in any year of his course to apply for an Open Entrance Scholarship on his Leaving Examination results. Should he not be successful he can still be considered for a Second or Later Year Scholarship based on his course record.

All awards are competitive, and a minimum standard is prescribed. 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 year concerned. Provision is made for reimbursement of the fare in excess of £2/10/- 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 living allowances are £195 per annum in the case of a scholar living with his parents and £299 per annum in the case of a scholar living away from his parents. These maximum allowances are payable when the adjusted family income of the student's parents does not exceed £650. The adjusted family income is ascertained by taking the full income of the scholar's parents for the financial year immediately preceding the year in which the living allowance is desired and deducting £100 for the first dependent child (other than the scholar) under 16 years of age and £50 for each other dependent child under 16 years of age.

The maximum allowances are reduced at the rate of 6/- for every £1 by which the adjusted family income exceeds £650.

A scholar's own income is taken into consideration after assessing his living allowance on the adjusted family income. The living allowance assessed on the adjusted family income is reduced by the amount by which the scholar's income from all sources (including other awards but excluding income from employment during the long vacation) exceeds £2 a week.

Some concession may be made where the scholar has brothers or sisters undertaking full-time tertiary courses, and in special cases where the family income suffers a marked decline, such as on the death of the father, the living allowance may be assessed on the family current income instead of on the income of the previous financial year.

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.

Applications must be made on the prescribed form. The closing date is 30th November each year and applications must be lodged with 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. Further information will be provided on enquiry at the Scholarships Branch, Education Dept., Flinders St., Adelaide.

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.

A few Mature Age Scholarships are available to students between 25 and 30 years of age who have resided in Australia for at least two years and who fulfil certain other conditions.

Students or teachers requiring further information should enquire at the Scholarships Branch, Education Department.

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: Provided that a competitor who was awarded a Qualifying Exhibition prior to the 30th June, 1943, may be permitted to compete for a Leaving Bursary, although he will be over the age of 17½ years on the 31st day of December of the year in which he competes, provided that he will be under the age of 18 years on the 31st day of December of that year.
 - (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 £26/13/4 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 £10 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.

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 School of Mines.

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 School of Mines 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 must enter the University of Adelaide as an undergraduate in Arts, Economics, Engineering, Science, Law, Medicine, Dentistry or Music, or for the course for the diploma in Pharmacy or Physiotherapy. 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.

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 regulation 21 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 Division I of Regulation 13 (1) (a) hereof, and a student awarded a Leaving Bursary pursuant to and in accordance with Division II of Regulation 13 (1) (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 £30 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. Payment of Bursaries shall be made in instalments. A bursar must present a certificate of diligence and proficiency in a form prescribed by the Director and payment may be reduced or withheld altogether if such certificate is not satisfactory to the Director.

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. Studentships will be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the School of Mines with a view to graduating or securing a diploma. These studentships shall, as a general rule, be awarded to candidates whose occupations or circumstances prevent them from attending the day lectures, but the Minister may award not more than one-fourth of the whole number of studentships to candidates whose employers allow them time to attend day lectures during working hours.

25. The value of each studentship shall not exceed £10 for a science or engineering student, or £7 for any other student, and shall in no case exceed the outlay necessary for lecture and examination fees, text-books, and material; and the total value of the studentships granted in any one year shall not exceed £180.

26. Nine of such studentships shall be offered to students studying or intending to study for a degree in science or engineering, and thirteen to students studying or intending to study for any other degree or for a diploma. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained, the same may be varied, or the full number of studentships not awarded, at the discretion of the Minister.

27. Of the studentships offered for science or engineering, three shall be offered to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. In the competition for the other studentships, five shall be offered to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained the Minister may vary the same at his discretion.

28. Candidates for the first-year studentships must be between the ages of 16 and 25 years on the first day of January of the year of entry, and must have been resident in South Australia for at least one year immediately preceding that date. Candidates for the other studentships must comply with similar conditions, one year of age being added for each year of the course studied.

29. Should an examination be necessary for the award of the first-year studentships, the subjects of such examination shall be fixed by the Director. Such examination shall be qualifying, not competitive, and the studentships shall be awarded to such candidates as, in the opinion of the Minister, show the most promise, taking into consideration the previous opportunities and present circumstances of the candidates.

30. The subjects of examination for the studentships to be awarded for each year other than the first shall be such as have been respectively studied by the candidates during the preceding year.

31. Such portions of the studentships as are necessary to pay the fees and the cost of the prescribed text-books shall be paid at the beginning of each term. Students other than those entering on their course must satisfy the Director that they have diligently and regularly attended the prescribed lectures. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures, diligently and regularly.

32. Candidates for any of these studentships, whether they have already held one of them or not, must apply to the Director of Education in writing on or before 28th February of the year in which the applicant desires to hold the studentship. Each candidate should 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, viz.:—
 - (a) If he has not previously held the studentship, he shall give particulars of any public examinations he has passed.
 - (b) If he has already held the studentship, he shall state what work he has done and what examinations he has passed while holding it.

Candidates who have reached the standard of the Intermediate public examination of the University in English Literature, History, and Mathematics are qualified to hold studentships.

33. If the whole sum of £180 is not awarded in any year to candidates qualified under paragraphs 41 and 45 of this part of these regulations, any surplus may be used, at the discretion of the Minister, in assisting other deserving students.

44. (1) Except where otherwise provided, or with the express permission of the Minister, no person may hold any Exhibition, Scholarship, Bursary, or Evening Studentship under this Part in conjunction with any other Exhibition, Scholarship, Bursary, or Evening Studentship awarded by the Minister.

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, or unless (2) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £600 (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.

The cost of the voyage to and from England must be borne by the Scholar.

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.

1953	Lawrence, Robert John	1956	Pocock, Edward Robert
1954	Porter, Robert	1957	Evans, David Wyke
1955	Wilson, Ian Bonython C.	1958	Casley-Smith, John R., B.Sc.

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

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

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £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 £A500 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 Canteens Trust Fund Postgraduate Scholarships

The Trustees of the Services Canteens Trust Fund offer each year two postgraduate Scholarships for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. One Scholarship is valued at £A800 a year and is tenable abroad for a period up to three years; the other is valued at £A600 and is tenable at an Australian University for a similar period.

In awarding the Scholarships 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.

1953	Hunt, Arnold L., B.Sc.	
1954	McCarthy, Ian E., B.Sc.	
1955	Martin, Peter Gordon, B.Sc.	
	<i>Prox. acc.:</i>	
	Davidson, James Logie, B.Ag.Sc.	} equal
	Panabokke, Christopher Rajendra, B.Sc. (Ceylon)	
1956	Monro, John Malcolm, B.Sc.	
1957	Coates, John Hewlett, B.Sc. (Nott.), Ph.D.	} equal
	Thompson, Malcolm James, Ph.D.	

Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of bursaries on the following terms:—

Students who are British subjects and have completed or received credit for the first year of the course for the degree of Bachelor of Engineering in the Department of Mining or of Metallurgy may apply before 31st December for a bursary, submitting evidence of personality and scholarship. Students taking Geology as a major subject in the course for the degree of Bachelor of Science may apply for a bursary in Mining.

Each bursary will be worth £30 per annum for the remaining years of the course, the payment for any later year being contingent on the bursar's having sufficiently distinguished himself in the preceding year.

Bursars desiring renewal of their bursaries must apply in writing for such renewal by December 31.

An award will be made only if there is a candidate of sufficient merit.

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 above awards 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 above 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 Professor E. C. R. Spooner, 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 eight 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 twenty-four 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).

The Graduates' Union of the University of Adelaide.

(Amalgamated with the Adelaide University 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 is now a constituent member of the Adelaide University Union, and is called the Graduates' Union. In 1953 it furnished and equipped a Graduate Centre in the old Anatomy Building, where light refreshments are available; members have in addition the right to use the Union Buildings, including the refectory and cafeteria, and possess other privileges. 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 Union (Mr. H. Swales Smith, Union Office, The University).

The Graduates' Union Committee is elected annually to control affairs relating especially to graduate members of the Union.

Meetings of graduate members are held from time to time. The Graduates' Union publishes a Gazette once each term 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 all members of the University, that is to say:—(a) Members of the Senate; (b) The Staff of the University; (c) Graduates; (d) Undergraduates.

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 set up by this Council, notably the Union House Committee and the Union Finance Committee.

The membership of the Union Council comprises:

- (a) Two members nominated by the University Council;
- (b) The Registrar of the University;
- (c) Two members nominated by the Staff Association;
- (d) The Warden of the Union;
- (e) Representatives of each major constituent body of the Union.

The Union Secretary and the Union Treasurer are appointed by the Union Council and are both *ex officio* members of it.

The major constituent bodies mentioned above 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 at the Refectory by members of the Union. The George Murray Common Room remains open until 10 p.m., and supper is served from 8 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, which is part of the general University 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, offices for the Secretary and the Students' Representative Council, and a room specially assigned to graduates.

The funds for the Refectory building were given by members of the University Council and staff, and by leading citizens. The cloisters which connect the Refectory to the Lady Symon and George Murray Buildings are a war memorial to those who served in the Great War (1914-18).

The Union initiated and sponsors the University Health Service which was the first of its kind in Australia. Because of its rapid development and growth the service is now housed in the University Buildings.

The Adelaide University Women's Union.

Founded July, 1909.

The object of the Union is to promote the common interests of, and to form a bond of union between, past and present women students, and several reunions are held during the year.

The women students now belong to the University Union, but have their own committee of management, known as the Women's Union Committee, to deal with matters relating exclusively to women members of the Union. Payment of the statutory annual fee entitles any woman student to membership of the Union and to the use of the Lady Symon Building.

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 27,000. The National Union represents students in discussions with Commonwealth Government authorities and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Student Congress, a National Drama Festival, Intervarsity Debates and a National Art Exhibition.

The Students' Representative Council Office is situated at the eastern entrance of 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, swimming, boxing and wrestling, rugby, soccer, men's basketball, badminton, women's tennis, women's hockey, women's athletics, women's swimming, women's cricket, and women's basketball and softball clubs, and, as an affiliated club, the non-pennant tennis club.

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 University Union, a representative of the life members of the Association, 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 oval, 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 Ground.

For many years the Adelaide City Corporation has leased a recreation ground of 10 acres of park lands to the University, in 1946 it leased an additional 9 acres, and in 1954 a further 2½ acres of such land to meet the needs of the greatly increased numbers of University students wishing to take part in the activities of the University Sports Association. All grounds so leased are 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 and hockey field have been established on this ground, and a dressing-shed 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 Aquinas Society

The aims of the Society are twofold:

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

Mass is offered each first Friday in the Union Buildings at 5 p.m. and the Rosary is said in the Society's room each day at lunch time and 5 p.m. 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 Roman Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Christies Beach 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 Roman 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 members of the School of Mines and of the Adelaide Teachers' College are eligible to enlist in the Regiment. National Service Trainees who are undergoing courses at the University, Teachers' College or School of Mines, are normally drafted to the Unit on completion of their initial period of full-time Army training.

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 Major J. A. Pollok, M.C., and the Adjutant Capt. S. Bartle.

Adelaide University Squadron

The Squadron is a Citizen Air Force Squadron in the Royal Australian Air Force and has been operating for seven years. Since the inception of the Squadron, ninety-nine Cadets have graduated. On graduation, members are eligible for appointment in the Permanent Air Force, Citizen Air Force Squadron or General Reserve.

The Squadron establishment is as follows:

Flight	No. of Members	Faculty
"A" Flight (Medical)	15	Medicine, Dentistry
"B" Flight (Equipment, Accounting)	10	Economics, Science, Pharmacy
"C" Flight (Administrative, Education and Intelligence)	10	Arts, Economics, Education, Law
"D" Flight (Technical)	25	Science, Engineering
"E" Flight (Radio)	15	Science, Engineering

The Cadets are enlisted for two years with the Squadron, during which they must carry out 28 days' home training and 28 days' continuous training. At the completion of training, final examinations are held and subject to passing these examinations and reaching certain other standards, the Cadets are commissioned and placed on the General Reserve for a period of five years.

Home training parades are held on Tuesday nights during the academic year with the exception of a period of approximately six weeks before the University examinations, when the parades are voluntary. Two fourteen-day continuous training camps are held

during the two-year period. The junior course carry out general service training at a R.A.A.F. Unit in the eastern States, and the senior course at a R.A.A.F. operational base, such as Darwin.

The Headquarters of the Squadron is the C.A.F. Centre, 155 Barton Terrace, North Adelaide. The Commanding Officer is Squadron Leader K. C. Andrews.

Adelaide University Arts Association

The Arts Association is the co-ordinating body for the activities of the various organizations within the Faculty of Arts, such as the French, German, Poetry, and Philosophy Clubs. 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, and by inviting distinguished speakers to the University.

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. 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 *esprit de corps* within the faculty and a wider interest in Science by means of periodical meetings.

Activities held throughout the academic year include talks, both in the lunch hour and evening, 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 faculties of Engineering, Technology and Architecture.

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 Science Students' Association.

The aim of the Association is to encourage and foster interest in Social Science as a profession and friendship between the students of Social Science 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.

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: Professor J. B. Cleland.

Hon. Secretary: Dr. A. D. Packer, Department of Anatomy, University of Adelaide.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

Hon. Secretary: A. French, M.A., The University.

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.

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 three 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: H. B. Basten, C.M.G., M.A. (Oxford).

Hon. Secretary and Treasurer: D. W. Simmons, B.Ec., The University.

The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time for the purpose of discussing brief communications by members. Abstracts of the communications presented to the Club are duplicated and circulated to members and are forwarded by the Secretary to *The Medical Journal of Australia* for publication therein.

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 first Friday of every month, March to December inclusive, except those which fall on a public holiday.

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 10s. 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 are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, together with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor H. N. Robson, M.B., B.S., F.R.C.P.

Vice-President: L. H. May, Ph.D.

Hon. Secretary: J. P. R. Riches, M.A., Ph.D. (Camb.).

Hon. Treasurer: G. N. Wilkinson, B.Sc.

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 bacteriology, biochemistry, genetics, immunology, medicine and surgery, 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, Professor G. M. Badger.

PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC

REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

LICENTIATE IN MUSIC FOR TEACHERS AND EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS AND PRIZES

REGULATIONS

SCHOLARSHIPS.

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of £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

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

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

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

PRIZES

8. Each year a sum of not more than £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.

• Allowed December, 1948

Regulations 1, 3, 4, 5, 6 and 7 allowed 30th November, 1933. Regulations 8, 9, 11, 12 and 13 allowed 11th December, 1941.

Awards

SCHOLARSHIPS—

For previous Awards, see Calendars from 1910.

1953	{ Curry, Audrey Frances (Practice)
	{ Stubbs, Ruth Margaret (Theory)
1954	{ Cooper, Philip Lindsay (Theory)
	{ Chappell, Glenys (Practice)
1955	Terry, Athalie May (Practice)
1956	Tobin, Ashleigh Hambridge (Practice).
1957	Perriam, Judith Faye (Practice)

LICENTIATE PRIZE—

For previous Awards, see Calendars from 1942.

1952	Griggs, Arden Michael
1953	No award
1954	Forsyth, Jeanette
1955	No award
1956	No award
1957	Gunning, Shelley Anne Stannus

PRIZES—

For previous Awards, see Calendars from 1945

Awards in 1955:

(a) *Practice of Music.*

Seventh Grade: Barratt, Lindsay John
Hutchesson, Margaret Joy
Porter, Brian

Sixth Grade: Terry, Athalie May
Dost, Glenys Rae
Porter, David

Fifth Grade: Johnson, Julie Fay Lindsay
Butler, Ian John
Coulter, Zanette
Burr, Marilyn

Fourth Grade: Cmrlec, Margaret Anne
Mattison, Barbara
Elvey, Judith Ann

Awards in 1956:

(a) *Pianoforte.*

Seventh Grade: Tobin, Ashleigh Hambridge
Johnson, Annetta
Halliday, Laura

Sixth Grade: Hodge, Geraldine Janice
Johnson, Julie Fay Lindsay
Burr, Marilyn

Fifth Grade: Puodzius, Raymond
Ashton, Elizabeth
Schwerdt, Yvonne
Thomas, Lorraine Frances

Fourth Grade: Pearce, Catherine
Lakin, Angela Mary
Rudzinskas, Klevas

Third Grade: Baghurst, Andrew
Palmer, Ian

(b) *Violin.*

Sixth Grade: Gervasi, Illa

(c) *Art of Speech.*

Fourth Grade: Mackie, Georgina

Awards in 1957:

(a) *Pianoforte.*

Seventh Grade: Hodge, Geraldine Janice
Elvey, Judith
Gray, Jennifer

Sixth Grade: Modra, Rosemarie Helen
McMutrie, Peter Roderick

Fifth Grade: Skinnel, Avenel
Lakin, Angela Mary

Fourth Grade: Knabe, Anne Norman
Kennedy, Kathleen

(b) *Violin*

Sixth Grade: Siggs, Meredith Lillian
Fifth Grade: Wheaton, Athalie Meredith

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.

Award:

1955 McMutrie, Peter Roderick
1956 Hodge, Geraldine Janice

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1958
PART III

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ANNUAL REPORT FOR THE YEAR 1957

To His Excellency Sir John Mellis Napier, K.C.M.G., LL.D.,
Lieutenant-Governor in and over the State of South Australia.
The Council of the University of Adelaide has the honour to present
to Your Excellency the following report for the year 1957:

INTRODUCTION

The outstanding event of the year 1957 for the University of Adelaide, as for all Australian Universities, was the visit and subsequent report of the Commonwealth Committee on Australian Universities under the Chairmanship of Sir Keith Murray, Chairman of the University Grants Committee in the United Kingdom. The Committee's report will have far-reaching effects on all Australian Universities and the University of Adelaide records its pleasure and gratitude at the promptness with which the Prime Minister of Australia and the Premier of South Australia announced their intentions of asking their Governments to perform their parts in fulfilling the recommendations of the Committee so far as the University of Adelaide is concerned.

2. THE COUNCIL AND THE SENATE

In November Mr. A. J. Hannan, Dr. F. R. Hone, Mr. I. B. Jose, Sir George Ligertwood and Professor Sir Mark Mitchell retired from the Council by effluxion of time. They offered themselves for re-election and the Senate re-elected them for a further term.

The Senate re-elected the Honourable Sir George Ligertwood its Warden and Mr. V. A. Edgeloe its Clerk.

3. OBITUARY

The Council records with deep regret the deaths during the year of Emeritus Professor A. Killen Macbeth and Dr. W. Ternent Cooke.

Professor Macbeth had occupied the Angas Chair of Chemistry from 1928 to 1954 and had been a member of the Council from 1942 to 1955. Dr. Cooke, who retired as Senior Lecturer in Chemistry in 1948, had been a member of the academic staff of the University for 43 years.

4. THE FACULTY OF ARTS

Retirements: Professor J. A. FitzHerbert, Hughes Professor of Classics and Comparative Philology and Literature since 1928; Dr. A. Grenfell Price, Part-time Lecturer in Geography since 1949. The Council conferred the title of Professor Emeritus on Professor FitzHerbert on his retirement.

Resignations: M. Maurice Valuet, Lecturer in French since 1952; Mr. K. G. W. Cross, Lecturer in English since 1955.

Appointments: Mr. J. R. Trevaskis, Fellow of Queens' College, Cambridge, to the Hughes Chair of Classics and Comparative Philology and Literature; Mr. C. J. Horne, of the University of Leicester, to the Jury Chair of English Language and Literature; Mr. D. A. Hester, Lecturer in Classics; Dr. D. N. Gibbs, Lecturer in Psychology; Mr. W. A. P. Phillips, Lecturer in History; M. Henri Souillac, Lecturer in French Language and Literature.

Visitors: Dr. E. T. Hankamer, of the University of Tennessee, to the Department of German under the Fulbright scheme; Professor P. H. Partridge, Professor of Social Philosophy in the Australian National University, to the Department of History and Political Science; Professor R. B. Cattell, of the University of Illinois and Professor N. L. Munn, of the Bowdoin College, U.S.A., to the Department of Psychology.

Subjects of Research: The economic development of Attica; comparative study of the Slavonic languages; Central Australian native chants and ceremonies; Aranda linguistics; religious language; extreme utilitarianism; consciousness; perception; factors contributing to adjustment in nursing; a group method of administering the Thematic Apperception Test; psychology of a primitive people; factors in rodent attacks on electric cable; methods of continence training; Christianity and society in Australia; Anglo-Scandinavian trade and finance in the eighteenth century; Church and State; Introduction of the Real Property Act; aspects of South Australian education; the Commonwealth Public Service; Government and political institutions in South Australia; social relief in South Australia, up to 1908; the language of science; John Marston; Jacobean drama; sonnets of Shakespeare; Colonel William Light; Elizabethan theatre; aborigines in Australian literature; Australian women novelists; Australian historical novels; William Hay; South Australia's contribution to modern Australian poetry; interaction of politics and literature as evidenced in the work of certain French writers of the late nineteenth and early twentieth centuries; the German theatre in the 16th century; Eckermann's *Conversations with Goethe*; later work of Hugo von Hofmannsthal; the concept of freedom in the work of J. G. Herder; the social conscience of Heinrich Böll; the language and history of the South Australian Germans; the cattle industry north-west of Alice Springs; the acculturation of the Wailbiri tribe of the Northern Territory; regional geography of the wine industry of South Australia.

Study Leave: Professor J. J. C. Smart, Hughes Professor of Philosophy; Professor W. G. K. Duncan, Professor of History and Political Science; Dr. B. R. Elliott, Senior Lecturer in English (second year in North America under a Rockefeller Foundation grant); Dr. B. L. D. Coghlan, Senior Lecturer in German; Miss K. Woodroffe, Lecturer in History.

Other Activities: During the year Dr. E. C. Forsyth, Lecturer in French, conducted the French Broadcasts to Schools, which are arranged by the Australian Broadcasting Commission.

5. THE FACULTY OF SCIENCE

Retirement: Mr. J. W. Statton, Reader in Mathematics, after 31 years' service to the University.

Resignations: Dr. R. B. Potts, Senior Lecturer in Mathematics, on appointment to the staff of the University of Toronto; Dr. F. L. Winzor, Lecturer in Chemistry; Dr. E. R. Segnit, Senior Lecturer in Geology, on appointment to the staff of the Institute of Geophysics in the University of California; Dr. B. J. Skinner, Lecturer in Crystallography in the Department of Geology, on appointment to the Geochemistry Division of the United States' Geological Survey; Mr. S. R. Biswas, Research Fellow in Mathematical Physics.

Appointments: Mr. T. Kurucsev, Lecturer in Physical and Inorganic Chemistry; Dr. J. H. Michael, Lecturer in Mathematics.

Visitors: Professor A. E. Alexander, of the University of Sydney, to the Department of Physical and Inorganic Chemistry; Professor and Mrs. J. Ledenberg, of the University of Wisconsin, to the Department of Bacteriology; Dr. R. D. Brock, of the C.S.I.R.O., to the Department of Genetics.

Subjects of Research: Mathematical Physics—cascade theory for strange particles; meson theory of nuclear forces; failure of parity conservation; general relativity of spinor fields.

Physical and Inorganic Chemistry—solution properties of high polymers and polyelectrolytes; structure of nucleic acids; diffusion and sedimentation theory; diffusion of proteins; kinetics of polymerization, preparation of block copolymers; interfacial properties of liquid metals; organo-metallic compounds; exchange reactions of co-ordination compounds; synthesis of co-ordination compounds.

Organic Chemistry—chemistry of cancer-producing compounds; chemistry of plant products, with particular reference to biogenesis; study of hydrogen-bonding using the infra-red spectrometer; use of activated metal catalysts in synthetic organic chemistry.

Geology—structure and petrology of the Mount Lofty Ranges; geomorphology of the South-East of South Australia; carbonate sedimentation; geochemistry of carbonate minerals; comparative stratigraphy of the continental margins of Australia; mineralogy of South Australia.

Genetics—abortion patterns in a strain of *Neurospora crassa*; genetical interference in *Neurospora crassa*; mapping of mutants of *Neurospora crassa*; requiring histidine; histidine-inhibited mutants of *Neurospora crassa*; analysis of inherited variation in *Linum usitatissimum*; genetics of the host-pathogen relationship in flax rust; heterostyly in the tetraploid *Oxalis pescaprae*; inheritance in *Echium plantagineum*; selectively balanced polymorphism at sex-linked loci in laboratory populations of *Drosophila melanogaster*; genetical studies of the Australian plague locust, *Chortiocetes terminifera*; the relation between the ABO blood groups and familial incidence of carcinoma of the stomach in man; genetics of eye abnormalities in the house mouse; problems of enumeration in genetics.

Bacteriology—salmonellas and their bacteriophages; antibiotics; streptococcal typing; denitrifying and anaerobic bacteria.

Zoology—physiology of parasitic helminths; trematode life cycles; taxonomy of parasitic and free-living nematodes; biology of sipunculids; iodine metabolism of lower vertebrates; neuromuscular physiology of *Ascaris*; physiology of diapause in insects; ecology of liver-fluke snail; ecology of mealy bugs; ecology of the snail *Helicella*; ecology of vectors of myxomatosis; ecology of insects and mites in pasture in the wheatbelt; physiology of marsupials; histochemical estimation of substances in nuclei protoplasm; comparative physiology of mitochondria of gut mucosa.

Physics—investigation of wind systems in the upper atmosphere; meteor astronomy; motions of electrons and ions in gases; rock magnetism; structure of the fibrous protein collagen; structure of potassium and rubidium glucuronates.

Botany—antecology of plants of the Ninety-mile plain; argal ecology of South Australia; sodium as a micronutrient; ecology and physiology of *Oxalis pescaprae*; mineral nutrition; ecology of eucalypt communities; morphological and life history studies on the *Geramiaceae*; nitrogenous metabolism of young tomato plants; amino acid metabolism; promotion of fruit set in the *Olea europaea*; morphological studies of Australian Fucales.

Mathematics—general relativity; regular growth of real functions; the strength of sand; on conditions sufficient for the plane measurability of a function of two variables; automatic programming; semi-inverse method of solving steady two-dimensional viscous flow problems.

Gifts and Grants: \$27,500 to be paid over three years, from the Rockefeller Foundation to support a research project in the Department of Physical and Inorganic Chemistry; Philips Electrical Industries Ltd. renewed its Postgraduate Scholarship in Physics; \$4,500 from the Damon Runyon Memorial Fund for cancer research in the Department of Organic Chemistry; two sums of £400 each from Monsanto (Australia) Pty. Ltd. to support research in the Departments of Physical and Inorganic Chemistry and Organic Chemistry; from the C.S.I.R.O., the Rural Credits Fund of the Commonwealth Bank of Australia and the Wool Industry Fund for work in the Department of Zoology; from the National Health and Medical Research Council to help maintain the Salmonella Reference Laboratory in the Department of Bacteriology, and the Harbours Board of South Australia made available premises at Outer Harbour for use as a Marine Biological Research Laboratory.

Study Leave: Professor E. A. Rudd, Professor of Economic Geology; Dr. M. F. Claessner, Reader in Geology and Palaeontology; Professor W. P. Rogers, Professor of Zoology; Dr. T. O. Browning, Senior Lecturer in Animal Ecology; Dr. G. J. Aitchison, Senior Lecturer in Physics.

Staff Distinctions: Professor G. M. Badger was elected President of the Royal Australian Chemical Institute, South Australian Branch; Professor A. R. Alderman, President of the Geological Society of Australia; Dr. M. F. Claessner, a Fellow of the Australian Academy of Science; Dr. Nancy Atkinson, a Fellow of the Royal Australian Chemical Society. Professor W. P. Rogers participated in the first symposium on host specificity among parasites of vertebrates, Neuchâtel; and Dr. H. G. Andrewartha gave a paper to the twenty-first Cold Spring Harbour Symposium on Quantitative Biology. Professor L. G. H. Huxley, Elder Professor of Physics, was an official Australian delegate to the twelfth General Assembly of the International Scientific Radio Union held at Boulder, Colorado, where he led the symposium on winds and measurements in the upper atmosphere.

Departmental Activities: A second-year course in chemistry for agricultural science students was introduced by the Departments of Organic, Physical and Agricultural Chemistry. Genetics I was developed into a full second-year subject. The Department of Physics made a notable contribution to the Australian programme of work for the International Geophysical Year. Studies of meteor astronomy, seismology and wind systems in the upper atmosphere in Australia and Antarctica were carried out. The Department co-operated with the

Weapons Research Establishment in rocket investigations of the upper atmosphere and was the centre from which Australian visual observation of satellites (Moonwatch) was organised. The research connected with the International Geophysical Year will continue during 1958.

6. THE FACULTY OF ENGINEERING

Appointments: Mr. D. H. Norrie, Lecturer in Mechanical Engineering; Mr. G. A. Rose, Senior Lecturer in Electrical Engineering; Mr. H. N. Hoskings, Senior Lecturer in Architecture.

Resignation: Mr. G. H. Newstead, Reader in Electrical Engineering, on appointment to the Chair of Electrical Engineering in the University of Tasmania.

Study Leave: Mr. R. Culver, Senior Lecturer in Civil Engineering.

Subjects of Research: Properties of concrete made from local materials; stresses in shell roofs; steel-framed structures; interconnected bridge girders; vibration isolation in non-linear systems; engineering acoustics; fatigue; combustion phenomena; analogue computer; network analysis; speech compression; digital computers.

Gift: A Holden engine and gearbox from General Motors-Holden's Ltd. to the Holden Laboratory, Department of Mechanical Engineering.

Special Activities: Postgraduate lectures on Nuclear Power were given and were attended by many South Australian engineers; a course in statistics was provided by the Department of Mathematics for honours students in Electrical Engineering; and a course in Modern Physics for students in Electrical Engineering only was given for the first time.

7. THE FACULTY OF LAW

Appointment: Professor Norval R. Morris, formerly Associate Professor of Criminology in the University of Melbourne, to the Bonython Chair of Law.

Resignation: Mr. R. A. Blackburn relinquished the Bonython Chair at the end of August.

Study Leave: Dr. D. P. O'Connell, Reader in Law.

Visitor: Sir John Latham, former Chief Justice of the High Court of Australia.

Subjects of Research: Legal status of the public employee; The Commonwealth Public Service; private international law.

8. THE FACULTY OF MEDICINE

Retirement: Sir Stanton Hicks, Professor of Human Physiology and Pharmacology since 1926.

Appointments: Miss Isobel E. Speed, Lecturer in Anatomy; Mr. K. D. Murray, Lecturer in Pathology; Mr. P. R. Hodge was the full-time assistant to Professor Robson during 1957 and Mr. I. J. Forbes was appointed to the position for 1958; Mr. Hodge was appointed Senior Lecturer in the Department of Pathology; Mr. H. Lander was a Research Fellow in the Department of Medicine in 1957.

Resignation: Dr. R. C. Bennett, Lecturer in Anatomy.

Study Leave: Dr. F. Lippay, Reader in Human Physiology and Pharmacology.

Staff Distinctions: Dr. R. C. Bennett was awarded the Gordon-Taylor Scholarship for the best results in an F.R.A.C.S. examination; this was the first award of the scholarship to a South Australian; Professor A. A. Abbie delivered the Bancroft Oration to the British Medical Association in Brisbane, his subject being "Anthropology and the Medicine of Moses"; Mr. P. R. Hodge was admitted to membership of the Royal Australasian College of Physicians; Dr. H. Lander was awarded a travelling Fellowship in Medicine of the Royal Australasian College of Physicians.

Visitors: Professor L. J. Witts, Nuffield Professor of Medicine in the University of Oxford, and Professor G. M. Bull, Professor of Medicine in the University of Belfast, to the Department of Medicine.

Research: Mechanism of the jaws; auditory assides in the Australian aborigine; aboriginal haematological studies; leukaemia; hay fever; cerebrovascular accidents; hypoparathyroidism; arsenical poisoning; anticoagulants; congenital heart disease; thyroid function; adrenal hormones; metabolism during stress; salicylates; survey of the relationship between life stress and ante-natal complications; survey of infant feeding methods; a hystero-graphic study of the uterus after Caesarean Section; continuing observations on *striae gravidarum*.

9. THE FACULTY OF DENTISTRY

Appointment: Mr. P. C. Reade, Temporary Lecturer in Periodontia.

Visitor: Professor F. C. Wilkinson, Director of the Eastman School of Dental Surgery, London.

Subjects of Research: Study of sheep teeth; electrodeposition of metals in dental work; investigation in dental ceramic and refractory materials; dental conditions of Australian aborigines; root canal therapy.

Activities: Mr. J. A. Cran, Reader in Dental Surgery and Pathology, delivered a series of lectures in Hobart on the invitation of the Dental Association of Tasmania.

Members of the staff took part in the Dental Association Country Dental Convention held at Renmark in June. This included the production of a colour cinema film with sound commentary on the application of hypnosis for dental operations.

10. THE FACULTY OF ECONOMICS

Appointments: A Chair of Commerce was established and Mr. R. L. Mathews, Reader in Commercial Studies since 1953 appointed to it from January 1, 1958; Mr. J. W. Bennett, Lecturer in Accounting.

Visitors: Professor B. H. Beckhart, of Columbia University; Professor F. W. Paish, of the University of London; Mr. Gunnar Myrdal, the 1957 Dyason Lecturer; Professor R. L. Dixon, of the University of Michigan; and Associate Professor L. Goldberg, of the University of Melbourne.

Subjects of Research: An economic survey of Murray swamps dairy-ing area; the effects of inflation on company profits and finance; hire purchase in Australia; land use and economic development; Australian-Japanese trade; electronic accounting; revaluation problems in national income accounting.

Study Leave: Mr. R. R. Hirst, Reader in Economics; Professor P. H. Karmel, Professor of Economics.

Staff Distinctions: Professor Karmel was invited to be Visiting Professor of Economics in the Queen's University, Belfast, for the year 1957-8; Mr. Hirst was awarded a Rockefeller Fellowship in the Social Sciences; Mr. D. W. Evans was elected to the Rhodes Scholarship from South Australia for 1957; and Mr. R. H. Tuckwell was awarded an Overseas Scholarship in Arts and Economics tenable at Trinity College, Cambridge.

Summer School: In February the second Summer School of Business Administration was held. The subject was "Electronics and Automation". The School was opened by the Premier of South Australia (Sir Thomas Playford) and papers were given by Professor E. O. Willoughby, Dr. H. F. Craig and Mr. J. McB. Grant. The proceedings were subsequently published by the University.

11. THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Resignation: Dr. C. G. Hansford, Reader and Head of the Department of Plant Pathology.

Appointments: Dr. N. T. Flentje, Reader and Head of Department of Plant Pathology; Dr. D. H. Simmonds, Senior Lecturer, Department of Agricultural Chemistry; Dr. M. R. Atkinson and Dr. J. H. Coates, Lecturers in the Department of Agricultural Chemistry; Mr. G. R. Edwards and Dr. D. Aspinall, Lecturers in the Department of Plant Physiology; Mr. D. J. Taylor, Research Fellow in the Department of Entomology (under a grant from the Wool Industry Fund).

Study Leave: Dr. R. J. Millington, Lecturer in Agronomy.

Visitor: Professor J. E. Eckert, of the University of California, to the Department of Entomology under the Fulbright scheme.

Subjects of Research: Fundamental investigations into the nature and properties of plant viruses, especially the interactions between strains, and biosynthetic pathways in normal and virus-infected plants; negative absorption of chloride ions by large lattice molecules; phosphate potentials in soil and swelling of soils and clays; biochemical studies of the control of growth and differentiation in living tissues; the relationship between protein composition and wheat quality; plant breeding; species and strain studies with pasture plants; competitive relationships within pasture swards; the influence of soil oxygen supply on plant growth; the ecology of earthworms in a Mediterranean environment; the biology, causes of plagues, and control measures of two major insect problems of pastures; the biology of aphids, scale insects, and plague caterpillars; increasing resistance of codling moth to DDT; effects of insecticides on biology of mites and insects of orchards; the structure and function of the layers of the insect integument; digestion in Heteroptera; lucerne entomology; bees and pollination in legumes and orchards; vine phylloxera; sap-sucking mites; additions and revisions of the fungi of Australia; root diseases caused by *Rhizoctonia solani*; the influence of excretions of plant roots on attack by pathogenic fungi; gummosis of apricot; seed transmission of plant virus diseases; virus diseases of stone fruits and of vines in South Australia; seasonal activity of fungi in the soil; effect of certain fumigants on fungi in the soil; plant diseases caused by species of *Pythium*; physiological aspects of the barley plant and several horticultural crops; growth-regulators and carbohydrate metabolism, investigations on the nutrition of tobacco have been concluded.

12. THE ELDER CONSERVATORIUM OF MUSIC

Appointments: Mrs. Enid Williams, Teacher of Pianoforte; Mr. D. Cubbin, Teacher of Flute.

Leave of Absence: Mr. C. T. Leske, Teacher of Pianoforte, for five terms; Mr. Max Worthley, Teacher of Singing, for the year.

Staff Distinction: Professor John Bishop, Director of the Conservatorium and Elder Professor of Music, was elected a Fellow of the Royal College of Music.

Concerts: Staff and student concerts were held during the second and third terms; the usual series of Sunday afternoon concerts was given in the Elder Hall during the winter; concerts were given in the Bonython and Elder Halls for the University Music Society.

Visitors: Mr. Gordon Short, of the New South Wales State Conservatorium of Music; Mr. Roy Shepherd, of the University Conservatorium of Music, Melbourne; Mr. Effrem Kurz, of London; members of the Elizabethan Theatre Trust Opera Company; Mr. Frank Hutchens and Mr. Lindley Evans, of the New South Wales State Conservatorium of Music; Mr. Brenton Langbein, of Zurich.

Gifts: Books and music from Miss Barbara Howard, Miss Clarice Gmeiner, Mr. Lance Dossor, Mr. Lloyd Vick, Augener Ltd., Boosey and Hawkes, Allan and Co., The Oxford University Press, Curwen and Sons, and the Australian Performing Rights Association.

Elder Hall: Treatment greatly improving the acoustical quality of the Elder Hall was carried out by the University Architect in consultation with Professor E. O. Willoughby, Professor of Electrical Engineering, and members of the C.S.I.R.O., Melbourne.

13. DEPARTMENT OF PHYSIOTHERAPY

Visitor: Dr. L. Guttman, Director of the National Spinal Injuries Centre, Stoke Mandeville, England.

Research: The posture of school girls; investigation of patients with low back pain.

14. UNIVERSITY RESEARCH GRANT

The grant supported 31 research fellows and scholars and about 200 research projects during the year.

A full report on research is published separately.

15. THE BARR SMITH LIBRARY

Rare Book Room: In the past, the lack of a special room has prevented the Library from displaying its rare books in a manner worthy of them and of their donors. This lack has now been overcome by the construction of wall-shelving in the Committee Room to provide space for some 4,000 rare books. It is a coincidence that the most valuable book to be added to the Library in recent years has just been bought with the help of several benefactors. It is an offset reproduction of the fourteenth century Codex Manesse, a collection of German "Minnesongs".

Gifts: Books and periodicals were presented by Professor A. A. Abbie, Dr. Gilbert Brown, Mrs. K. Chatterton, Professor J. B. Cleland, Mrs. Mina Davis, Mrs. E. Eckermann, Mrs. L. Flaum, G. Gramp and

Sons, Ltd., Mr. J. Horner, Dr. C. Jungfer, Mrs. L. J. Kleeman, Mr. C. L. Laucke, M.P., Dr. E. A. Mation, Miss J. Menz, Mr. G. Angas Parsons, Public Library of South Australia, Dr. W. G. P. Robertson, Mrs. W. E. Schulz, Very Rev. Father Michael Scott, Mr. A. Moxon Simpson, Professor D. Nichol Smith, Dr. A. R. Southwood, Mr. K. A. Wills and the United States Embassy (Canberra). The last-named gift consisted of 50 volumes of American literature and history selected by members of the University staff.

16. POSTGRADUATE COMMITTEE IN MEDICINE

Staff: Dr. R. A. Burston was appointed Honorary Secretary of the Australian Postgraduate Federation in Medicine.

Visitors: The following visitors were sponsored by the Committee during 1957: Professor Lorimer Dods, Professor of Child Health in the University of Sydney (Swift Memorial Lecturer); Dr. L. Guttman, Director of the National Spinal Injuries Centre, Stoke Mandeville; Dr. M. Sosman, Radiologist in the Peter Bent Bingham Hospital, Boston, Massachusetts; Sir James Ross, K.C.V.O., Sims Travelling Professor for 1957; Dr. W. Davidson and Dr. J. F. Bromley, O.B.E. (by arrangement with the College of Radiologists), Professor A. Weech, Professor of Paediatrics, Cincinnati; Mr. C. P. Wilson, C.V.O., Senior ear, nose and throat Surgeon at the Middlesex Hospital, London; Professor R. J. Kellar, Professor of Obstetrics and Gynaecology, in the University of Edinburgh; Professor Robert Cruickshank, Professor of Bacteriology, St. Mary's Hospital Medical School, London; Professor G. M. Bull, Professor of Medicine in Queen's University, Belfast; Professor C. Rimington, Head of the Department of Chemical Pathology, University College Hospital Medical School, London; Sir Geoffrey Jefferson, C.B.E., Emeritus Professor of Neurosurgery, University of Manchester; Professor Joshua Lederberg, Professor of Medical Genetics in the University of Wisconsin.

17. DEPARTMENT OF ADULT EDUCATION

Director: Mr. A. S. M. Hely assumed duty as Director in January.

Publication: "Adult education and workers' education—their relationship", published in "Fundamental and Adult Education", a U.N.E.S.C.O. publication.

Future Organisation: During the year a report surveying the existing programme of work and proposing developments in the University's part in adult education work was submitted to the Council, which generally approved the reorganisation and developments involved and established a Board of Adult Education to replace the former Joint Committee for Tutorial Classes.

18. THE APPOINTMENTS BOARD

The work of the Appointments Board developed significantly during the year. Contacts with business, industry, and State and Commonwealth Departments and the service to firms in arranging meetings with students all increased steadily during the year. Ten meetings which were well supported by students were held, and about 100

interviews were arranged between students and representatives of various firms. A feature of the year's work was the interest shown in graduates of non-technical Faculties.

The careers and information library continued to grow and its use by students increased steadily.

19. THE ANTI-CANCER CAMPAIGN COMMITTEE

General: The Executive Committee received with regret the resignations of three of its members, Mr. C. M. Gurner, Dr. F. B. McCann and Dr. G. A. Lendon. The grant for work on carcinogens in the Department of Organic Chemistry was increased to £1,000 a year, and a grant of approximately £1,000 a year was made to support research concerned with enzymic studies of tumour tissues by Professor R. K. Morton. The Committee conducted a publicity campaign on smoking and lung cancer, special leaflets being prepared and distributed to members of the medical profession and to the general public.

Linear Accelerator: The installation of the 4 MeV. Linear Accelerator was completed early in 1957 and the machine was put into operation almost immediately; since then apart from short periods due to minor breakdowns, it has been in operation continuously. On 20th September, 1957, the F. S. Hone Wing of the Radiotherapy block of the Royal Adelaide Hospital was officially opened by His Excellency the Governor. Further payments totalling £17,451 were made for the Linear Accelerator during the year.

Clinical: The majority of routine treatments are now being carried out with the 4 MeV. Linear Accelerator, and it has been found highly satisfactory in operation and of great value in dealing with malignant disease. Certain tumours respond more rapidly and with less discomfort than was experienced with other X-ray Therapy plants.

Physical: Mr. M. H. Parker was appointed to a vacancy on the physics staff caused by the resignation of Mr. R. M. Fry. The physicists continued their research on the study and design of free air chambers, and on environmental and ingested radioactivity. Apparatus for the measurement of radon from material of biological interest was largely redesigned and preliminary measurements were made on tap water and human breath.

Chemical: The Department of Organic Chemistry continued investigations into the mode of formation of carcinogens, and carcinogenic polycyclic aromatic hydrocarbons have now been identified from a wide variety of sources in the human environment. The Department of Physical and Inorganic Chemistry continued work on the physico-chemical properties of nucleic acids.

Financial Position: Most of the capital cost of the Linear Accelerator was met during or prior to 1957 and, as a result of the reduced interest from the Lord Mayor's Fund, the year's activities resulted in an excess of expenditure over income of £561. To meet the final payment on the Linear Accelerator and to provide for increasing commitments, the Committee will need to sell further Commonwealth Inscribed Stock of which it still holds £50,000 (par value).

20. THE GRADUATES' UNION

Two Discussion Meetings were held in 1957, the subject of one being "The Graduates' part in University policy—a proposal for a Standing Committee of the Senate", and of the other, "The place of Religion in Education".

The Graduates' Union entertained new graduates to luncheon and to a social evening and held three other social functions, one being for visitors to the New Education Fellowship Conference.

The number of financial members increased by about 100 during the year.

21. STATUTES AND REGULATIONS

Amendments were made to Chapter XXXVIII of the Statutes, Of the Lister Prize.

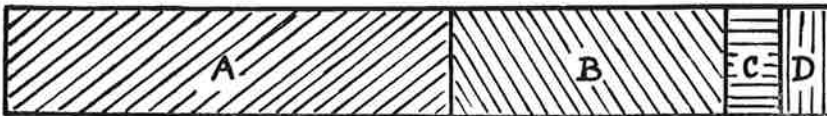
New Regulations of the degree of Bachelor of Architecture were made; and amendments were made to the Regulations governing the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Engineering, Bachelor of Laws, Bachelor of Medicine and Bachelor of Surgery, Bachelor of Dental Surgery, Bachelor of Music and Bachelor of Architecture; the Diploma in Education, the Diploma of Associate in Music; the Associateship in Arts and Education; and the Public Examinations.

22. STATISTICS

Numbers of Students: The total number of students was 4,759, an increase of 478 on that for the previous year. The number under the Commonwealth Reconstruction Training Scheme and allied schemes decreased from 18 in 1956 to 17; the number of civilian students increased from 4,263 to 4,742, the highest number of such students in the history of the University. Of the net increase of 478, 251 represented the enrolment in courses for the newly-established degree in Technology.

The increase in the proportion of full-time students noticed in recent years was continued in 1957, the composition of the student body being as shown in the following diagram:

COMPOSITION OF STUDENT BODY, 1957



A. Full-time - - 53.1 p.c. C. External - - - 6.9 p.c.
 B. Part-time - - 33.0 p.c. D. Elder Conservatorium 7.0 p.c.

The percentage of persons attending the University full-time was the highest for many years, while Elder Conservatorium students constituted the smallest proportion of the total enrolment since the Conservatorium was opened in 1898.

Distribution into Courses:

A. Candidates for Degrees.

	First Degrees		Higher Degrees		Total		Total
	M.	F.	M.	F.	M.	F.	
Arts	421	377	28	3	449	380	829
Economics	281	12	3	—	284	12	296
Science	410	97	45	12	455	109	564
Agricultural Science	71	3	15	—	86	3	89
Engineering	411	6	26	—	437	6	443
Technology	257	—	—	—	257	—	257
Medicine	449	77	13	1	462	78	540
Dentistry	36	9	14	—	50	9	59
Law	82	16	3	1	85	17	102
Music	5	5	—	—	5	5	10
Ph.D.	—	—	53	7	53	7	60
Total	2423	602	200	24	2623(a)	626(a)	3249(a)

B. Candidates for Diplomas and Students Taking Miscellaneous Subjects:

	Diplomas or Certificates		Miscellaneous Subjects		Total		Total
	M.	F.	M.	F.	M.	F.	
Arts and Education	164	246	78	69	242	315	557
Education (Postgraduate diploma)	86(b)	67(b)	—	—	86(b)	67(b)	153(b)
Economics	—	—	4	5	4	5	9
Public Administration	57	—	—	—	57	—	57
Science	—	—	25	9	25	9	34
Engineering	—	—	32(c)	1(c)	32(c)	1(c)	33(c)
Law	7	—	1	—	8	—	8
Music	6	27	—	—	6	27	33
Music (Elder Conservatorium)	—	—	117	218	117	218	335
Physical Education	15	33	—	20	15	53	68
Pharmacy	128	29	—	—	128	29	157
Physiotherapy	7	48	—	—	7	48	55
Social Studies	14	35	—	—	14	35	49
Optometry	—	—	11	1	11	1	12
Total Non-graduating students	484	485	268	323	752(a)	808(a)	1560(a)

(a) A deduction of 27 males and 23 females should be made from the combined total of groups A and B to allow for students counted in more than one category.

(b) Excluding 245 males and 326 females taking another course as principal course.

(c) Including 26 males and one female attending from the S.A. School of Mines.

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 eighteen years (the numbers in brackets refer to trainees under the Commonwealth Reconstruction Training Scheme or similar schemes for the rehabilitation of ex-servicemen):

	1939	1948 (Post-war Peak)	1956	1957
Arts	889	1,197(219)	1,195(3)	1,357(3)
Education (Postgraduate diploma)	84	113(22)	150(2)	153(2)
Physical Education	—	43(5)	42(-)	68(-)
Economics	71	106(73)	264(-)	301(2)
Science	205	573(148)	549(3)	597(3)
Agricultural Science	14	52(17)	91(1)	89(1)
Engineering	297	765(213)	489(1)	476(1)
Technology	—	—	—	251(-)
Medicine	180	515(144)	489(2)	540(1)
Dentistry	29	105(42)	65(1)	59(1)
Law	72	122(68)	79(2)	110(1)
Music (Degree and Diploma)	29	59(15)	36(-)	41(-)
Music (Conservatorium)	255	575(120)	453(-)	335(-)
Commerce	331	341(246)	16(-)	—
Public Administration	46	55(39)	47(1)	57(2)
Pharmacy	82	139(30)	159(-)	157(-)
Physiotherapy	18	47(14)	51(-)	55(-)
Social Studies	11	67(34)	37(-)	41(-)
Optometry	7	14(6)	10(-)	12(-)
Ph.D. Candidates	—	—	59(2)	60(-)
Totals	2,620	4,888(1,455)	4,281(18)	4,759(17)

Assistance to Students: The following table shows the various forms of assistance received by students (excluding Elder Conservatorium students, School of Mines students and those proceeding to higher degrees):

	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Ex-service Training Schemes*	7	8	—	—	—	—	15
Commonwealth Scholarship	507	53	—	138	14	2	714
Commonwealth Scholarship and Leaving Bursary	91	—	—	11	—	—	102
Commonwealth Scholarship and Leaving Honours Bursary	19	—	—	4	—	—	23
Commonwealth Scholarship and others	25	1	—	10	1	—	37
Leaving Bursary	36	1	—	6	—	—	43
Leaving Bursary and Adelaide Teachers' College	16	—	—	11	2	—	29
Leaving Honours Bursary	7	—	—	1	—	—	8
Leaving Honours Bursary and Adelaide Teachers' College	10	—	—	2	—	—	12
Adelaide Teachers' College	226	47	—	294	149	—	716
Education Department (teachers)	1	116	225	—	78	71	491
Colombo Plan	86	—	—	4	—	—	90
Others	142	91	—	25	24	2	284
Total Assisted Students	1173	317	225	506	268	75	2564
Unassisted Students	607	663	24	178	135	6	1613
Total Students	1780	980	249	684	403	81	4177

* Commonwealth Reconstruction, Disabled Members and Widows, and Korea Malaya Training Schemes.

Overseas Students: There were 243 overseas students (including 32 women) at the University. They were distributed amongst the Faculties and Boards as follows: Medicine, 59; Engineering, 78; Technology, 13; Arts, 7; Education, 4; Law, 1; Economics, 9; Science, 40; Agricultural Science, 8; Dentistry, 8; Social Studies, 5; and Pharmacy, 2. The other nine students were proceeding to the degrees of Ph.D., M.Ag.Sc. and M.E.

One hundred and eighteen of these students came from Malaya, 49 from Singapore, 33 from Indonesia, eleven from Hong Kong, seven from India, four each from the Philippines, Sarawak and Vietnam, three from Thailand, two each from Ceylon, Fiji, North Borneo and Pakistan, and one each from Cambodia and Nepal. Ninety-five of them (including thirty-three from Indonesia) were sponsored under the Colombo Plan.

Barr Smith Library: The total number of volumes in the Library at the end of 1957 was 209,385, accessions for the year being 7,885. The number of withdrawn volumes for the year was 466. Students and graduates borrowed for home-reading 33,575 books (including 1,689 reserved books borrowed overnight and at week-ends). This represented an increase of 32 per cent. over the previous year's total of 25,427. The number of external students in the Faculty of Arts who joined the Country Lending Section was 67, and they borrowed 358 volumes by post. The number of volumes lent to libraries in other States increased to 1,040. From these libraries the Barr Smith Library borrowed 237 volumes.

Evening Lectures: Evening lectures were given in the following subjects: Biology, Chemistry I, Commercial Law B, Comparative Philology, Cost Accounting, Economics II, Economic Geography, Economic Statistics I, Education, Elementary Constitutional Law, Elements of Accounting, English I and II, Financial Accounting, French I, Geography I and III, Geology I, German I, II and III, History I, IIA and III, Latin I, Philosophy I, Physics I, Politics II and IIIB, Psychology I and IA, Pure Mathematics I and Social History.

Department of Adult Education: The Joint Committee for Tutorial Classes conducted 13 tutorial classes and 19 lecture classes at the University, and five lecture classes in the suburbs. Two post-sessional short courses were held in Adelaide. The enrolment for these classes was 1,650 and the Director was assisted by 29 tutors.

A Week-end School on "Australian Birds" was held in Adelaide (enrolment 30) and a Week-end School on Home Gardening was held at Port Pirie (enrolment 30). A seminar for teachers of History, held in Adelaide, had 110 enrolments.

Lectures were given at Kingscote, Port Pirie, Whyalla and Port Augusta.

Public Examinations: The following numbers of candidates presented themselves at the Public Examinations: 803 at the Supplementary Leaving Examination in February; 6,811 at the Intermediate Examination in November; 3,990 at the Leaving Examination in November; 664 at the Leaving Honours Examination. These numbers maintain the rapid rate of increase experienced in previous years, and reflect both the increasing number of boys and girls of secondary

school age in the State and the growing tendency for them to stay longer at school. The growth in the number of candidates for the Public Examinations since 1951 is shown in the following table, from which some idea of the trend of new enrolments at the University in the next few years may be obtained:

CANDIDATES AT PUBLIC EXAMINATIONS, 1951-1957

	1951	1952	1953	1954	1955	1956	1957
Intermediate -	3,650	4,145	4,788	5,141	5,362	6,211	6,810
Leaving -	1,899	2,093	2,380	2,782	2,872	3,250	3,990
Leaving Honours -	428	354	428	426	531	597	664

The increase in 1957 of 23 per cent. in the number of candidates for the Leaving Examination is particularly significant.

The examinations were held in country towns and districts at 57 permanent and 33 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 1,918 entries in theory and 4,251 in practice of music, 397 in musical perception, and 42 in the art of speech.

23. ADMISSION TO DEGREES

Degrees were conferred and diplomas granted as follows:

At a meeting of the Council on February 1, 1957:

	Males	Females	Total
Degrees of Bachelor of Medicine and Bachelor of Surgery - - -	1	—	1

At the Annual Commemoration Ceremony on March 27, 1957:

Degree of Doctor of Science - - -	2	1	3
<i>Ad eundem gradum</i> - - -	1	—	1
Degree of Doctor of Medicine - - -	2	—	2
<i>Ad eundem gradum</i> - - -	1	—	1
Degrees of Bachelor of Medicine and Bachelor of Surgery - - -	33	8	41
Diploma in Pharmacy - - -	20	11	31
Diploma in Physiotherapy - - -	—	6	6
Degree of Master of Economics - - -	1	—	1
Honours Degree of Bachelor of Economics - - -	6	—	6
Degree of Bachelor of Economics - - -	15	—	15
Diploma in Commerce - - -	11	—	11
Diploma in Public Administration - - -	2	—	2
Degree of Master of Science - - -	10	—	10
Honours Degree of Bachelor of Science - - -	20	—	20
Degree of Bachelor of Science - - -	40	14	54
<i>Ad eundem gradum</i> - - -	1	—	1
Diploma in Music - - -	3	4	7
Degree of Doctor of Philosophy - - -	10	—	10
<i>Ad eundem gradum</i> - - -	2	—	2

At the Annual Commemoration Ceremony on April 3, 1957:

	Males	Females	Total
Degree of Bachelor of Laws - - -	10	—	10
Degree of Doctor of Letters - - -	1	—	1
Degree of Master of Arts - - -	1	—	1
<i>Ad eundem gradum</i> - - -	3	—	3
Honours Degree of Bachelor of Arts -	11	2	13
Degree of Bachelor of Arts - - -	16	19	35
Diploma in Arts and Education - - -	16	14	30
Diploma in Secondary Education - -	10	5	15
Diploma in Primary Education - - -	2	—	2
Diploma in Physical Education - - -	1	3	4
Degree of Master of Agricultural Science	2	—	2
Honours Degree of Bachelor of Agricultural Science - - -	3	—	3
Degree of Bachelor of Agricultural Science - - -	10	—	10
Degree of Master of Engineering - -	3	—	3
Honours Degree of Bachelor of Engineering - - -	15	—	15
Degree of Bachelor of Engineering -	40	—	40
<i>Ad eundem gradum</i> - - -	3	—	3
Diploma in Social Studies - - -	1	8	9
Degree of Doctor of Philosophy - -	5	—	5
<i>Ad eundem gradum</i> - - -	1	—	1

At a meeting of the Council on May 31, 1957:

Degrees of Bachelor of Medicine and Bachelor of Surgery - - -	11	—	11
Honours Degree of Bachelor of Engineering - - -	1	—	1

At a meeting of the Council on December 20, 1957:

Degree of Doctor of Medicine - - -	1	—	1
Degrees of Bachelor of Medicine and Bachelor of Surgery - - -	15	3	18
Degree of Bachelor of Dental Surgery -	7	—	7
Degree of Bachelor of Economics - -	1	—	1
Diploma in Physiotherapy - - -	—	8	8

Totals: 39 candidates were admitted to higher degrees by examination or thesis, 8 were admitted to such degrees *ad eundem gradum*; 301 bachelor degrees were conferred by examination and 4 by admission *ad eundem gradum*; and 125 diplomas were awarded.

ACCOUNTS

An abstract, duly audited, of the income and expenditure during the year 1957 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 1957.

Signed on behalf of the Council,

Adelaide,
June, 1958.

Acting Vice-Chancellor.

COMMEMORATION ADDRESSES

The Annual Commemoration ceremonies were held on April 2 and 9, 1958. The ceremony on April 2 opened with the admission *ad eundem gradum* to the degree of Doctor of Laws of Sir Douglas Copland, Principal of The Australian Administrative Staff College. Sir Douglas then addressed the congregation as follows:

I greatly appreciate the honour you have done me today in admitting me to membership of your University, so widely esteemed in the world of learning, and so highly respected in the community to which it has rendered signal services. In over forty years of work in Australia, much of the time in academic life, I have had the most pleasant association with this University and its distinguished leaders, not least among them your elder statesman, Sir William Mitchell. In my own field of studies in economics, commerce and administration, the University of Adelaide was one of the pioneers in blending such studies with sound academic tradition, to which you have made a distinctive contribution in a young and rapidly developing country. But this is also true of other fields of learning—geology and mining, physics and chemistry, philosophy and history, literature and the classics. I am privileged to be admitted to such distinguished company. The occasion is all the more pleasing in that I am able to take the opportunity of thanking my old colleague, your Vice-Chancellor, Dr. Rowe, for a pleasant association in the common cause of university development in Australia and of wishing him well on the eve of his retirement.

THE WORLD THE GRADUATE ENTERS

I congratulate the graduates of today, and wish them well as they tread the path of service that now is open to them. You are standard-bearers of noble example, with your roots firmly embedded in the best tradition of the past, and your sights set to the problems of the future. It is about these problems of the future that I would like to speak for a few minutes. The world you enter is a very different one from the world that my generation of graduates entered. The difference can be expressed briefly and simply by stating the two main distinguishing characteristics of this new world of yours. First, there is in a greater measure than ever before in history the shortening of the time-span of change and the lengthening of the time-span of life. Secondly, this new world, like Gaul, is divided into three parts, and the task of blending these parts into one world is more intricate than ever before. There are the western world, the communist world and the under-developed world, differing in economic and political structure and in ideology, but all vitally affected by the phenomenon of the shortening of the time-span of change and the lengthening of the time-span of life. It is at one and the same time a more bewildering world, and a more venturesome world, than was that of my generation. But we had much more adventure and disturbance to our way of life than we expected. Two world wars, and the greatest depression in the history of the modern economy, were to be our lot. Yet, on any standard of material or scientific development, or of offering hope and aspiration to all people, the world you inherit presents a better challenge and a greater opportunity to the man or woman equipped with the fruits

of modern learning and research, and endowed with the spirit of adventure. We speak with veneration of our pioneers as though the age of pioneering belonged to the past. Nothing could be further from the truth. In this age of breathless change there is more scope than ever for the pioneer in all fields of human endeavour, and not merely in exploring and developing a new terrain. So I hope that you who graduate today will take stock of the vistas of achievement that lie ahead, and bear in mind the words of the distinguished philosopher, A. N. Whitehead, whose life was such an academic adventure: "Without adventure civilisation is in full decay."

AUSTRALIA AND THE NEW WORLD

Let me turn back to the two great features of this age of change. Technological advances disturb a traditional way of life, but they offer hope, as never before, of the conquest by man of the forces of nature for his own benefit. True, they also present the appalling possibility of universal destruction, but we must assume that wisdom and tolerance will prevail, and that the future belongs to those who grasp the fruits of scientific advance and turn them to the exciting and rewarding task of promoting human welfare. It is essential that we do this, especially in Australia, where we have a difficult terrain, that above all others will respond to continued application of the advances in scientific knowledge. We have also to remember the intimate facts of our geographical situation, and our proximity to the massive and rapidly growing populations of our Asian neighbours. Among these peoples, the time-span of life is lengthening, thanks to the triumph of medical knowledge over malignant disease and the growing scope and efficiency of health services. This is "death control", and it is making much greater and more rapid changes in world population than birth control. There is every prospect that by the end of this century, little more than four decades, the world population will have doubled. There may then be over 5,000 m. people compared with 2,700 m. at present. What an opportunity this offers to Australia and what a challenge! We must go forward building up our own numbers, developing our estate, making full use of all that science can offer us, and co-operating with those who are less fortunate. This I suggest is your destiny as you leave this hall, whether it is for a life in the church, in the school, in the laboratory, in the factory, on the farm, in politics or in administration.

THE CHALLENGE OF THE COMMUNIST WORLD

But there is another challenge that we as members of the western world must meet. It is the rise and vigour of the communist world, its devotion to investment and the expansion of its own economy, its obsession with technological advance with striking success in some fields, its discipline and differential rewards for those who respond to opportunity, and its striving to win the hearts and minds of the under-developed or uncommitted world. The communist world now embraces one-third of the world population and includes China, which may well be regarded as the most permanent influence in history. We may well ask ourselves whether the developing conquest of technology by this world isn't the greatest single event of our era, and one that is

fraught with greater consequences than any other of influencing the course of history in the years immediately ahead. This is not altogether a pleasant prospect, but it would be folly to ignore it. I suggest that we might take heed of the words of Pericles when Sparta was threatening the Athenians: "I am more worried about our own faults than the plans of our enemies."

TIME-LAG IN IDEAS

What fault, if any, should we be considering if we heed this advice? I suggest that it is our time-lag in ideas, especially when action is dependent upon widespread agreement in the community through parliamentary, government or municipal initiative. It is easier for an individual or even a company to take the necessary action to meet a new situation, though the more widespread is the responsibility the greater is the delay likely to be. The point may be illustrated by reference to something that comes right home in this gathering and this hall. Some seven years ago the Vice-Chancellors' Committee of the Australian Universities made a study of the problems facing the universities in the light of a rapidly growing population of university age, and the increasing demands for university graduates of all types. The Committee published a pamphlet entitled "A Crisis in the Finances and Development of the Australian Universities", and gave it wide publicity, especially among members of parliament, Federal and State, and among newspaper editors. All the basic facts that were later revealed in the Murray Report were stated and their implications discussed, but as a document designed to influence public opinion and even the opinion of many more intimately affected, it fell largely upon stony ground. Little action was taken to prepare for the great expansion that was inevitable, and at least five vital years were lost to a cause so important to nation-building in the best sense. The universities are inevitably affected by the changing age distribution of the Australian population. In the decade immediately ahead, while the total population will increase by about 24 per cent. on present prospects, and the work force by no less than 35 per cent., the young people of university age will increase by over 50 per cent. Thus the estimated numbers at age 17 will increase from 127,000 in 1957 to 204,000 in 1965. This presents major problems in every phase of national life, and we may well ask ourselves whether as a nation we are collectively aware of these problems, and of the opportunities that the situation inevitably presents to us.

NUMBERS OF GRADUATES AND THE PROBLEM OF SKILL

But there is another aspect of the matter. It is not only the change in the age distribution, but the impact of a technological age upon the numbers of skilled personnel required in all fields of enterprise. Some studies of this problem have been made, and it is not easy to make comparisons between one country and another. What, however, does emerge from these studies is that in the Soviet Union the current flow of trained personnel from educational institutions is higher than it is in any western country, not only in absolute terms, but when measured

in relation to population. Thus the numbers of graduates in pure and applied science per million of population in 1954 have been estimated to be as follows:

U.S.S.R.	-	-	-	-	-	332
U.S.A.	-	-	-	-	-	281
U.K.	-	-	-	-	-	162
West Germany	-	-	-	-	-	153
France	-	-	-	-	-	111
Italy	-	-	-	-	-	96
Australia	-	-	-	-	-	79

Even if we make a large allowance for errors and differences in the educational institutions, these are figures that ought to stir the public imagination. We cannot take much comfort from any assumption that the Soviet may be neglecting the humanities, and giving undue prominence to technology in secondary and tertiary education. It is for us with greater resources to ensure that we preserve basic academic standards, and at the same time keep pace with the technical progress that modern life and industry demand. Failure to do so will have serious consequences. Australia has a great lag to overcome, and in the plans now being developed for the universities, following the Murray Report, we are proceeding to grapple with the problem. But it is not enough to deal with the educational system in one part; it has to be considered as a whole. It is now necessary to take a new look at the whole organisation of secondary education in the light of the rapidly growing number of children of the secondary school age, and the stepped-up demand for skilled personnel. When I speak of secondary education, I am not referring alone to the high schools and the public schools, but also to the technical colleges, and to such provision for training in apprenticeship that industry may offer. The modern economy, if it is to be efficient, requires an adequate supply of technicians, of skilled workers, as well as of the more highly-trained technologists. It requires also an increasing number of skilled administrators for which training at different levels is now being developed.

YOUTH AND SECONDARY EDUCATION

If this problem is to be met on the scale the situation demands, bearing in mind the double impact of the growth in numbers of our "teenage" population and the demands for skill in modern industry, it will be necessary to develop a national plan in all aspects of secondary education, as is now being developed for the universities. Here again we may well ask whether our time-lag in ideas is not too long. The problem is pressing, the teenagers won't dwell upon their adolescence, the pace of progress around us won't dally to suit our time-lag. So I suggest that university graduates may well decide to make this problem their special interest, and seek to awaken the national conscience to its importance and its urgency. The simple fact is that an increase of 50 per cent. in the net resources devoted to secondary education, and to the training of technicians for all phases of national productive activity over the next decade is the basic minimum, if the problem is to be solved. It is not enough to have a solution at the top, though that is to be welcomed. We need also action at the intermediate stage, and we need a new appreciation of the importance of youth being trained in some skill wherever possible.

This is a problem in which the interests of universities, industrial leaders, primary producers and labour leaders meet. It is a human problem of the highest order. The nation that neglects the years of adolescence is piling up a mountain of trouble on its shoulders, and gravely handicapping itself in maintaining high standards of efficiency in a world that provides ample evidence of the determination of others to take the fullest advantage of the fruits of modern technology. It is all the more important in a young country like Australia where the rate of economic expansion and population growth must inevitably be high. Actually, in recent years it has been one of the highest in the world, and is likely to continue so in the decade ahead. So I appeal to those of you who now have the new status of graduates, and who enter your careers with confidence in the opportunities ahead, to dwell upon the importance of the problem I have outlined to your own future, as well as to that of the country as a whole. Then you may say with Wordsworth:

"I have learned
To look on nature, not as in the hour
Of thoughtless youth; but hearing often-times
The still, sad music of humanity,
Nor harsh, nor grating, though of ample power
To chasten and subdue."

In opening the proceedings on April 9 the Deputy Vice-Chancellor, Professor Sir Mark Mitchell, said:

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

Of recent years it has been our privilege and pleasure to hear from the Chancellor himself, at our Annual Commemoration, a review of the past year's events. This year, in order that the Chancellor may be enabled to devote himself wholly to his chosen theme, it falls to me to present a brief review.

First, however, I should like to express the good wishes of the University to its Visitor, Sir Robert George and to Lady George. We have been honoured each year they have spent in South Australia by their presence at Commemoration and we do not forget them because they are absent. We hope they will enjoy their rest from the duties which they always so graciously perform.

It gives me particular pleasure to welcome here the Minister of Lands. The interest that the Government has shown in our activities and the support, moral as much as material, which it has given us during a specially momentous year in our history has earned the University's gratitude and goodwill. When I call the year that is past "specially momentous", I have in mind, of course, the skilful and penetrating investigation made into every aspect of the University's activities by Sir Keith Murray and the committee over which he presided. The committee's report reveals frankly what the committee thought of the different universities, and there is no need for me to recite its contents. They were given ample notice in the press. The report was published towards the end of the year, and it follows there-

fore that the University's plans to meet criticisms appearing in it do not fall within a review of last year's events. One thing, however, I must say. The University and all its benefactors and friends rejoice at the firmness and speed with which the Prime Minister and the Premier of our own State have endorsed its findings. No State has set out more consciously and, perhaps I may add, more successfully than South Australia to develop its resources, broaden its economic foundations and enlarge its population. All these activities are going to place on the University during the coming years burdens which once seemed forbidding. They remain heavy but now we may face them in good heart.

Like all other years, 1957 brought losses as well as gains to the University community. The untimely death of Emeritus Professor Macbeth brought sorrow to the University and we offer to his family a sympathy keenly felt. Dr. Ternent Cooke, who was for more than forty years a valued member of the Department of Chemistry, died at a ripe age.

Among those who retired last year were Professor Sir Stanton Hicks and Professor FitzHerbert. Sir Stanton was appointed to the Chair of Human Physiology and Pharmacology in 1926. During a vigorous academic life, he found time to do much public work and to interest himself in students' activities. The Council has recognised the value of his service to the University by conferring upon him the title of Emeritus Professor. His Chair has been filled by the appointment of Professor Whelan, who has come to us with a great reputation from the Queen's University, Belfast. We are fortunate in being able to welcome Professor Whelan to our ranks.

Professor FitzHerbert has occupied the Hughes Chair of Classics and Comparative Philology since 1928. He never flagged in the devotion he gave to his chosen studies, and maintained in them an admirable standard of scholarship. He, too, has been honoured by the Council with the title of Emeritus Professor. His successor, Professor Trevaskis, is, as he was himself, from the Cambridge School of Classical scholars, and I know that his appointment is most welcome not to the Faculty of Arts alone, but to all the University.

Professor Blackburn, who had held the Bonython Chair of Law since 1950, resigned last year to engage in private practice. We offer him our good wishes in his new activities and our gratitude for the freshness and probity of the contributions he has made to the University's counsels. Dr. Norval Morris, who has been chosen to succeed him, cannot join us until August, but he may be assured that he will receive a warm welcome.

During the past year Mr. Newstead resigned from the Department of Electrical Engineering on his appointment to the Chair of Electrical Engineering in the University of Tasmania. The University extends to him its warm congratulations. Mr. Statton, Reader in Mathematics, reached the age of retirement in 1957, after thirty years of keen, devoted work. Many generations of students hold him in high regard and will regret, as his colleagues do, his retirement. Only a few days ago Mr. Othams retired from the Secretaryship of the Public Examinations Board. While he held this position the work of the Board increased enormously. Mr. Othams had given fifty-two years of service

to the University, when he retired, a record that cannot now be beaten. For his personal qualities, he has the affection of us all, and our respect for the efficiency with which he performed an exacting task.

New appointments made in 1957 include that of Professor Horne to the Jury Chair of English Language and Literature. He has brought an unusually wide experience to his present office. To his academic duties in the University of Leicester, he added those of membership of the University's Council. We welcome him to our society.

Time prevents me from saying more about those who, during the past year, have left or joined our ranks. But I wish them all to know, those who have gone that they carry with them our warm good wishes, and those who have joined us that we welcome them most cordially.

In concluding the proceedings on April 9 the Chancellor, The Honourable Sir Mellis Napier, addressed the congregation as follows:

In the life of any institution—no less than in that of the individual—there are times when it is well to pause for a while and to look back over the past—to see whence we have come, to take stock and to think of what lies ahead.

This, as it seems to me, is such a time in the life of this University. The publication of the "Report of the Murray Committee", and the favourable reception accorded to it, have encouraged us to hope that a new era is opening for the universities of Australia. Then again, it is now ten years since I, first, and, later, the Vice-Chancellor, assumed our respective offices. I am continuing; but he—I regret to say—is leaving us very shortly, and, in these circumstances, it seems fitting to look back over the decade, and to consider what has been accomplished in that time.

To say that it has been a period of great changes in the life and outlook of the University, is not to be taken as any reflection upon those who came before us. They worked with the material and resources available to them. They met the needs of their times, and we have been building on the foundations that they laid. The test of their work has been that it was capable of meeting the stresses of a time of flux and change—approximating to a social revolution—with ever-increasing demands for professional men and women in all fields, but particularly in science and engineering.

The physical changes, in the matter of buildings and so on, are, relatively, not great, and this is a tribute to the vision and foresight of the Council in the "war" and "post-war" years, and more particularly to Sir William Mitchell. In 1948 the new Engineering Building was already occupied, and the new Medical School was nearing completion. The great building need of that time was for the new Geology Building and for student amenities. The Geology Building was finished and occupied in 1952; but the extension of the Refectory and the Union Hall had to wait upon the availability of funds, which have been very largely provided by a generous and understanding public. The new student buildings should be opened this year and will fill a long-felt need.

You may have noticed that the "Murray Report" proposes a much smaller "building grant" for Adelaide than for any other Australian university. The reason is, of course, that Adelaide is better provided in this respect than are the others. This is due, as I have said, to the foresight and efficiency of our predecessors in the post-war period. But this respite from the demand for increased accommodation is over, and the Council has a large building programme to meet the great increase of student numbers with which we are faced. In the decade to come we must look forward to physical changes on the scale of those of the immediate post-war years.

In 1957 the number of our full-time and part-time students was much the same as in 1948, but that does not mean that the position has been static. Far from it. The student numbers in 1948 had been largely augmented by the Commonwealth Government's scheme, providing for university training for demobilised members of the armed forces. In that year the effect of the Scheme was approaching its peak, and the peak was followed by a trough which reached its lowest in 1953. Since then the numbers have been steadily increasing until they are now rather higher than in 1948, and an acceleration in the rate of growth is more or less certain in the years that lie ahead. The increase in this year is certainly substantial. It may be 7 per cent.

Looking back to 1948 I think that the most obvious change in the University has been in the expansion of the Staff. The crying need of that time was for some redress of the student-staff ratio. The student numbers had been steadily increasing, and the situation was gravely aggravated by the post-war influx. When Sir Hugh Cairns addressed the University, in 1948, he referred to the loss of the personal relations between teacher and student, and to the danger of the teachers being "overwhelmed by the number of their students". He spoke of these things as matters calling for urgent attention, without which the Medical School could hardly hope to maintain its reputation, but, as we well knew, the situation in other Faculties was no less difficult. We have gone a long way towards improving the position, although we realise that we are still short of the proportions ruling in comparable universities of the United Kingdom.

In 1948 there were 23 Professors. Today there are 34, an increase of 50 per cent. Of these only nine were with us in 1948. In 1949 the Council introduced the principle of retirement at the age of 65. In the result distinguished men, who had served the University well, have given way to younger men. The main extension is not, however, in professorial rank, but in the supporting staff, and particularly at intermediate levels. In 1948 there were 49 full-time sub-professorial posts recognised as permanent. Today there are 169 of these posts with superannuation benefits. This is more than a trebling of the 1948 figure.

It is apparent that Australia cannot supply the needs of her expanding universities without importing from abroad; and, if she could, something in the nature of a two-way traffic would be preferable to relying on our own resources. In these circumstances special efforts have been made to recruit young men of promise from overseas, and the University has every reason to be pleased with the result. Methods of recruitment have been by advertisement, and by intensive personal

inquiry in overseas universities. Whilst in England recently I had the opportunity of seeing our Vice-Chancellor engaged in going through the universities, as it were, with a tooth-comb.

For the purposes of his recruiting campaign, the Vice-Chancellor arranged for a coloured film of Adelaide and the University, which has been shown in British universities with excellent results. The cost, about £300, was, perhaps, one of the best investments we have ever made. As evidence of this, I may refer to the fact that it obtained an honourable mention in the fourth leader of "The Times" (17 March, 1955), where it was suggested that the staff attracted by the film might possibly find the "grass not so green nor the gargoyles so jolly as the film makes them out to be", and that the University might be faced with an action for misrepresentation. I am glad to say that this has not so far occurred.

It is not only in the matter of numbers that the conditions of the Staff have been improved. As a necessary incident of the retiring age, superannuation benefits have been established on an organised basis. In 1951 the Council approved a proposal for a Staff Club to fill the long-felt want of a "common room". The sum approved for that purpose was not, in fact, expended, inasmuch as the cost was met by the generosity of an anonymous benefactor. I take this opportunity of acknowledging our obligation for a gift which has supplied what, in 1948, seemed to me to be a grave deficiency in our system.

In order to meet the post-war fall in the purchasing power of money, and in aid of recruitment, some increase in salaries has been inevitable, and, in the result, the professorial salary has been increased by 2½ times and the lecturer's salary by about three times. It should, however, be added that the Report of the Murray Committee stresses the inadequacy of the staffs of Australian universities, and, if that report is implemented by the provision of funds for further development, it must follow that all will be looking for staff, but in view of the improvement that has been made in staff conditions, we believe that Adelaide is favourably placed to attract a fair proportion—and perhaps more—of the best men and women seeking university appointments.

A change which has been brought about, partly as a matter of necessity owing to the growth of the University, but, partly also, because it accords with our idea of a university, is that the Staff have been brought more fully into organisational matters, as, for example, by committees which have been set up to deal with development, appointments and promotions, and other facets of university administration.

Another important innovation is in the matter of Study Leave. In 1948 there was no organised scheme for leave, but, in the following year, the Council supported a proposal for the inclusion, in the 1950 budget, of an item for a study leave scheme, differing from the sabbatical leave given in some universities. The idea was that leave should not be granted automatically, but should depend upon the need of the individual, and the use to which the leave would be put. I should add that, when the Vice-Chancellors of Australia were preparing their note for submission to the "Murray Committee", the Adelaide scheme was quoted as an example to be followed.

The scheme has certainly worked well. Since 1950, members of our Staff have made nearly 100 visits overseas. In the course of last year sixteen went overseas, and seven of them were able to go on to America with help received from that country. In addition the Study Leave fund, during 1957, aided 46 of the Staff to attend research-type conferences in other parts of Australia, and afforded financial support for 14 visiting lecturers.

The Council is by no means complacent about its present scheme. We have to recognise that in the past we have suffered from the isolation forced upon us by the hard facts of geography. In the United Kingdom most of the universities are within a few hours by train from one another, but with us the nearest university is as far from us as the Swiss frontier is from London, and, until recently, a visit to the United Kingdom meant at least a month upon the sea to go and another to return. If we wish to keep abreast with the times in our teaching—if we wish to engage in research—we cannot afford to ignore the stimulus of personal contact and discussion with those who may be engaged elsewhere in the same and cognate fields. If funds can be provided for air travel, it should be possible to reduce still further the handicap heretofore imposed upon us by our geographical isolation.

Thinking back behind 1948 to the early days of the University, and to those who established and nursed it up to the stage at which this survey begins, it seems to me that we have every reason to be proud of the contributions that it has made to knowledge and research. In my own department of the law, I like to remember that Sir John Salmond was finishing his book on Jurisprudence and beginning his Law of Torts in the years when I attended his classes, and, at about the same time, Sir William Mitchell was writing his "Structure and Growth of the Mind", and (speaking only of those who have passed on), it is sufficient to mention the names of Professors Horace Lamb, Bragg, Brailsford Robertson and Wood Jones. But when we speak of research, we have to remember that an important function of a university nowadays is one that stands, as it were, midway between teaching and research as they were recognised in pre-war years.

This is the training of students in research methods, after they have taken their first degrees, and, generally, whilst they are proceeding to higher degrees. To that end the degree of Ph.D. was established in 1950, and the regulations relating to the degree were revised in 1954 to provide for the Board of Research Studies. Largely, as the result of the introduction of this degree there are now 60 full-time students working for higher degrees. A decade ago there were none.

This is, of course, a vital function of the University under present-day conditions, but the "Murray Committee" reports that "a disquieting feature of the Australian Universities is the general weakness of honours and postgraduate research schools". The report refers to the difficulties in the way of strengthening these schools, and points out that—on a population basis—"the Australian Universities are providing only one-quarter of the Ph.Ds. of the British Universities and one-fifth of those of the United States and of Russia". But we may, perhaps, derive some comfort from the finding that "the University of Adelaide has the highest percentage of full-time postgraduate degree students in science, engineering and agriculture of any of the traditional universities".

The traditional form of research is concerned with the frontiers of human knowledge and understanding. This is, of course, a special function of the academic staff of a university, but in the sciences it is an increasingly costly business. It is difficult to assess, quantitatively, the scale upon which research has expanded during the past decade. The budgeted running costs of research—from our own funds and outside sources—have increased, from £29,000 in 1948 to £169,000 in 1958, but this is not the full measure of the changes that have occurred. Staff members, travelling overseas on study leave, have from time to time persuaded Foundations and other benefactors to provide expensive equipment. Then again three departments have been substantially rehabilitated by capital grants given on the arrival of new professors.

We may, I think, regard with particular satisfaction the resumption by the Waite Institute of its traditional role as a research Institute. In 1948 the Director, Professor Prescott, was already recognised as a distinguished scientist. He had, in fact, founded what may justly be termed the "Australian School of Soil Science", and, in 1951, his work was recognised by his election as a Fellow of the Royal Society. Others too had done and were doing their part, but the Institute as a whole seemed to be suffering from the result of earlier successes, in that the claims upon it—the burdens of routine teaching and advisory work—were leaving little opportunity for fundamental research. Since then the position has been alleviated by the appointment of additional staff, and, what was even more important, by an understanding with the Department of Agriculture, leaving the Institute free to devote time and energy to its proper function of fundamental research. In the result I have no doubt that the greatest days of the Institute lie—as they should—ahead.

In the course of two separate investigations, on opposite sides of the world—one at Princeton University (U.S.A.) and the other by our own Vice-Chancellor—students have been asked to put in order of importance the factors which, in their opinion, had contributed to their general, as distinct from professional, development and maturity. In each case the result was as might be expected, namely, that the thing that has mattered most to the student is the informal association with other students. As the Murray Committee say in their Report: "In universities of Australian type, the importance cannot be overstressed of the provision of some adequate meeting ground for students from all faculties." The realisation of this need goes back behind the past decade, but in the last ten years the Council has been gravely concerned with its importance.

In other countries the emphasis is upon student residences as the best solution, and the Murray Report points out the deficiencies of Australian universities in this respect. But colleges or residences are costly, and, even if the funds to build them were available, it must be admitted that, speaking generally, our students and their parents do not as yet appreciate the advantage that a student should derive from living in college. Nevertheless some progress has been made in the last ten years. In 1948 there were two residential colleges. Now there are four. In 1948, 4.6 per cent. of our full-time students were in residence. Today the figure is 12.3 per cent.

But, if our University is unlikely to become largely residential in the near future, we can at least avoid the stigma of being a 9 a.m. to 5 p.m. university. It has been said—and with some truth—that a university is not fulfilling its function if it is not a blaze of light at night. This has been realised for the Students' Union during the past decade. By the appointment of a Warden of the Union, and in other ways, much has already been done towards providing an "adequate meeting ground for students from all faculties", and with the new buildings, which the public has so generously helped us to provide, better facilities are, I hope, upon the way. They will be needed in view of the increase in student numbers, which we must anticipate.

Another aspect of university life that should, I think, be mentioned is what is sometimes referred to as "public relations". The report of the Murray Committee refers to "features of the Australian scene which are creating special problems for the universities", and goes on to say:

"We feel that there are large sections of public opinion which are not yet aware of these facts, and which do not appreciate their implications for the universities. Certainly they are not as much alive to the needs of the future in this country as they are in the United Kingdom and the United States. Indeed they are not as sensitive in this matter as might have been expected . . . there has not yet been the same public recognition in Australia of the vital importance of science and technology to the life and progress not only of industry but of the nation . . ."

In the last decade the Council has done what it could to improve the position, and to keep the public informed of, and interested in, what the University is doing. To this end visits have been arranged by the City Council, Members of Parliament, and others. We have held Open Day and Benefactors' days. More might, perhaps, be done by public lectures, but it seems to me that one of the most hopeful methods of improving public relations should be through our Graduates' Union.

Graduate interest and activity in aid of their universities is a prominent feature of university life in some countries, but in the past this has not been fashionable in Australia. In Adelaide, I am glad to record a change which has occurred in recent years. In 1948 membership of the graduate body was small and its principal activity was giving an annual lunch to the graduates on Commemoration Day. Today its membership is 2,500, but what is much more important than mere members is that no body in the University is more active in arranging discussions on the functions of the University and their fulfilment. I should like to congratulate successive Presidents and officers of the Graduates' Union on their splendid work. The transformation has been brought about in two ways. First the University supports a graduates' gazette, which keeps graduates informed of our activities, and we provide facilities for a self-supporting luncheon club, in which the graduates can meet. Secondly, the Council has approved a proposal whereby automatic membership of the Graduates' Union is available to every graduate for three years after graduation.

So far I have been speaking of things that have been done, but it remains to speak of the cost and where the money comes from. In-

flation apart, no one will imagine that the changes of the last decade could have been brought about without a far greater expenditure. Let the figures speak. The budget in 1948 for the University (including the Waite Institute) was about £270,000. The corresponding budget for 1958 is about 5½ times this figure. It approaches £1,500,000.

Where has this come from? Our principal benefactor has been the State Government which in 1948 provided 29 per cent. of our income, and, is expected to provide 56 per cent. of the income required in 1958. Our indebtedness to the State Government can, however, be put in a still more striking way. In 1948 the State grant to the North Terrace section of the University was about £57,000 and to the Waite Institute £23,000, in all nearly £80,000. This year the grant is £820,000, or more than ten times the 1948 grant. Our next greatest benefactor is the Commonwealth Government, which provided about £63,000 in 1948, and is providing this year, including a special grant, just seven times that figure.

It is, however, a special cause for satisfaction that private benefactions are still increasing and that the average annual benefactions are higher now than at any time in the history of the University. It is not my purpose today to thank our many benefactors for their generous assistance to the work of the University, but I have a special reason for making one exception. The Council has decided that the Chair of Medicine is to carry the title of "The Mortlock Chair of Medicine" in recognition of the splendid benevolence of the Mortlock family, who have given about £100,000 to the University, of which £40,000 is for the Medical School.

Looking back over the past in this way, it is interesting to compare what we have been doing and trying to do with the recommendations of the Murray Committee, and it is comforting to feel—as we can—that we have been working along the right lines, and towards the high ideals set before us by their Report. Some credit for this must be given to the Council and the Staff, but it seems to me that, in truth and justice, we should acknowledge our indebtedness to the Vice-Chancellor whom we are losing. In the ten years that he has been with us, it has been *his* vision and *his* indefatigable energy that have inspired and spurred us on. He has spent himself in our service, and I know that I am speaking for the Council when I say that we deeply appreciate all that he has done, not merely for this University, but, also, in the service of higher education in Australia. It may be that, in years to come, others—looking back as I have been doing today—will be able to see how much we owe, and how much they too will owe, to Mr. Rowe's efforts on behalf of the University. In the meantime, he takes with him our thanks and our best wishes for the future.

Now I would speak to those who have today been awarded their first degrees and diplomas. First I would offer our congratulations on what you have already achieved, and our best wishes for the future years ahead, whether you contemplate proceeding to higher degrees or postgraduate studies or intend to practise the professions or callings for which you have qualified.

To one and all I offer a cordial welcome on your entrance to membership of the University and of the Graduates' Union. I trust that you will bear in mind what I have said about the Union, and that you will feel called upon to take your part in its activities.

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Financial Statements
for the year ended 31st December 1957

1957

1957

Financial Statements

1957

Assets		
Fixed Assets		
Current Assets		
Liabilities		
Capital		
Reserves		
Other Liabilities		

INCOME

NORTH TERRACE

	<i>Schedule</i>	£	1957 £	1956 £
<i>Government Grants—</i>				
Special Act		39,000		39,000
Vote		734,000		681,000
		<u>773,000</u>		<u>720,000</u>
Less Deficit from 1956 reimbursed in 1957		13,515		2,680
			<u>759,485</u>	<u>717,320</u>
<i>Interest—</i>				
Commonwealth Inscribed Stock		13,828		13,757
Treasury of South Australia		3,863		2,228
Mortgage Advances		4,059		4,089
Investment Interest		1,117		134
		<u>22,867</u>		<u>20,208</u>
Less Interest credited to Special Funds ...	R	7,939		7,300
			<u>14,928</u>	<u>12,908</u>
<i>Dividends on Shares</i>			17,958	17,370
<i>Student Fees</i>	S		124,391	68,869
<i>Other Income</i>	T		26,008	13,894
<i>Deficiency—1956</i>				13,514
Total North Terrace—Carried Forward			<u>£ 942,770</u>	<u>£ 843,875</u>

OF ADELAIDE

the year ended 31st December, 1957

EXPENDITURE

NORTH TERRACE			1957	1956
	Schedule	£	£	£
<i>Departmental—</i>				
Salaries and Wages	A	538,700		488,235
Travelling Expenses—New Appointments		10,373		5,081
Faculty Expenses	B	15,858		12,580
Laboratory Maintenance Grants	C	35,358		32,380
Equipment & Furniture—Items under £1,000	D	40,685		33,153
			640,974	571,429
<i>Library—</i>				
Salaries		24,899		21,937
Books and Binding		18,046		15,336
			42,945	37,273
<i>Administrative Salaries</i>			51,491	48,696
<i>Research—</i>				
Salaries	E	23,289		16,796
Equipment	F	7,187		14,995
Maintenance	G	11,756		11,644
Travelling Expenses	H	2,947		704
			45,179	44,139
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		28,887		26,011
Building Repairs		20,904		18,751
Maintenance of Site and Grounds		6,573		6,162
Maintenance of Sports Ground		5,224		4,422
			61,588	55,346
<i>University College Scholarships</i>			6,500	6,500
<i>Sundry—</i>				
Pay Roll Tax		15,725		14,777
Scholarships and Prizes	I	5,671		4,374
General Expenses—Printing, Stationery, Miscellaneous	J	30,538		25,453
Gas, Water, Electricity, Insurance	K	20,907		19,308
Special Grants	L	5,550		9,436
Study Leave	M	7,931		7,144
Supplementary Superannuation Retiring Allow- ances		6,051		—
			92,373	80,492
<i>Surplus—1957</i>			1,720	—
Total North Terrace—Carried Forward			£ 942,770	£ 843,875

*Income and Expenditure Account for the***INCOME****WAITE AGRICULTURAL RESEARCH INSTITUTE**

	<i>Schedule</i>	£	1957 £	1956 £
<i>Government Grants—</i>				
Special Act	5,000		5,000
Vote	148,000		135,000
		<u>153,000</u>		<u>140,000</u>
<i>Add Surplus from 1956 made available in 1957</i>		<u>2,229</u>		<i>(Deficit)</i> <u>— 2,620</u>
			155,229	137,380
<i>Interest</i>	U	13,396	10,092
<i>Other Income</i>	V	4,853	4,203

Total Waite Institute	.....	173,478	151,675
Total North Terrace—Brought Forward	.....	942,770	843,875
TOTAL NORTH TERRACE AND WAITE INSTITUTE		<u>£ 1,116,248</u>	<u>£ 995,550</u>

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, 1957, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period

OF ADELAIDE

year ended 31st December, 1957—Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE			1957	1956
	Schedule	£	£	£
<i>Departmental—</i>				
Salaries and Wages	N	84,844		68,442
Travelling Expenses—New Appointments	.....	618		2,980
Faculty Expenses	.....	1,372		987
Laboratory Maintenance Grants	O	9,990		7,876
Equipment and Furniture under £1,000	P	14,103		13,316
			110,927	93,601
<i>Library—</i>				
Salaries	.....	1,083		1,003
Books and Binding	.....	2,629		3,246
			3,712	4,249
<i>Administrative Salaries</i>				
			14,356	11,792
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages	.....	2,818		2,943
Building Repairs	.....	9,242		7,055
Maintenance of Site and Grounds	.....	1,639		410
			13,699	10,408
<i>Sundry—</i>				
Pay-Roll Tax	.....	2,640		2,280
General Expenses—Printing, Stationery	.....		
Miscellaneous	.....		
Gas, Water, Electricity, Insurance	Q	8,616		9,192
Study Leave	.....	4,334		3,783
		1,955		—
			17,545	15,255
<i>Farm—</i>				
Wages (including Gardeners)	.....	10,635		11,516
Maintenance	.....	1,876		1,701
Equipment	.....	268		924
			12,779	14,141
<i>Surplus—1957</i>				
			460	2,229
Total Waite Institute	.....		173,478	151,675
Total North Terrace—Brought Forward	.....		942,770	843,875
TOTAL NORTH TERRACE AND WAITE INSTITUTE			£ 1,116,248	£ 995,550

named. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1957.

R. M. STEELE, Chartered Accountant (Aust.)
E. F. HUNWICK, Chartered Accountant (Aust.)
Auditors.

Adelaide, 15th May, 1958.

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957

EXPENDITURE

NORTH TERRACE

A. Salaries and Wages—Departmental—

	£	£
Classics	11,311	
Philosophy	7,822	
Psychology	6,537	
Political Science	7,730	
History	14,723	
English	11,166	
French	8,585	
German	5,717	
Geography	8,741	
Education	2,730	
Economics	15,602	
Commerce	5,400	
Physics	32,284	
Organic Chemistry	13,847	
Physical and Inorganic Chemistry	20,796	
Mathematics	22,626	
Mathematical Physics	5,337	
Geology	22,666	
Economic Geology	5,032	
Botany	15,989	
Zoology	21,867	
Biology	3,388	
Genetics	9,607	
Biochemistry	10,036	
Physiology	19,354	
Bacteriology	12,247	
Pathology	19,541	
Anatomy and Histology	18,526	
Medical and Surgical Studies	20,730	
Obstetrics	6,209	
Pharmacy	2,157	
Dentistry	17,377	
Law	9,466	
Music	10,071	
Elder Conservatorium	17,579	
Civil Engineering	22,172	
Mechanical Engineering	17,361	
Electrical Engineering	15,988	
Mining Engineering	15,852	
Architecture	5,347	
Social Science	4,534	
Physiotherapy	4,035	
Pensions and Gratuities	3,024	
Overseas Scholarships in Arts and Economics	2,262	
Physical Education	5,054	
Optometry	275	
	<hr/>	<hr/>
		538,700

B. Faculty Expenses—

Arts—Printing and Stationery	1,254
Advertising	624
Additional Examiners and Supervisors	75
Sundries	39
Sundries (Classics)	1
" (Philosophy)	2
	<hr/>
Carried Forward	1,995

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£
Brought Forward	1,995
Arts Sundries (History)	16
" " (English)	108
" " (French)	15
" " (German)	119
Education Printing and Stationery	58
Education—Advertising	58
Economics—Printing and Stationery	251
" Advertising	16
" Additional Examiners and Supervisors	5
" Sundries	166
Science—Printing and Stationery	1,266
" Advertising	531
" Additional Examiners and Supervisors	224
" Sundries (Mathematics)	44
" " (Mathematical Physics)	98
Medicine—Printing and Stationery	231
" Advertising	520
" Additional Examiners and Supervisors	1,584
Pharmacy—Printing and Stationery	139
Dentistry—Printing and Stationery	86
" Additional Examiners and Supervisors	84
Law—Printing and Stationery	119
" Advertising	170
" Additional Examiners and Supervisors	157
" Sundries	17
Music—Printing and Stationery	170
" Advertising	130
" Additional Examiners and Supervisors	1
" Tuning and Repairs	221
Music Festival	121
Conservatorium—Printing and Stationery	9
" Advertising	28
" Sundries	183
" Tuning and Repairs	479
" Library	521
" Scholarships	189
" Lecture Recitals	54
" Hire of Music	9
Concerts—Printing and Stationery	153
" Advertising	184
" Assistant Artists	208
" Caretakers and Ushers	136
Engineering—Printing and Stationery	591
" Advertising	231
" Additional Examiners and Supervisors	26
" S.A. School of Mines and Industries	2,501
Carried Forward	14,222

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£	£
Brought Forward	14,222	
Social Science—Printing and Stationery	23	
" " Advertising	193	
" " Sundries	30	
Physiotherapy—Printing and Stationery	34	
" Additional Examiners and Supervisors	1	
Commercial Studies—Advertising	23	
" " Sundries	34	
Technology—Printing and Stationery	81	
Examination Expenses — Degree and Diploma	1,217	
	<u>1,217</u>	<u>15,858</u>

C. Laboratory Maintenance—

Psychology	802	
Geography	605	
Physics	2,663	
Organic Chemistry	2,763	
Physical and Inorganic Chemistry	6,508	
Geology	1,317	
Economic Geology	313	
Botany	1,636	
Zoology	1,809	
Genetics	708	
Botany—Koonamore	162	
Animal House (Darling Building)	409	
Biochemistry	1,062	
Physiology	1,401	
Bacteriology	1,574	
Pathology	2,075	
Anatomy and Histology	647	
Medical and Surgical Studies	1,163	
Obstetrics	33	
Animal House (Medical Building)	479	
Dentistry	447	
Civil Engineering	1,447	
Mechanical Engineering	1,221	
Electrical Engineering	796	
Mining Engineering	1,923	
Architecture	278	
Engineering Survey Camp	515	
" Workshop	583	
Social Science	5	
Physiotherapy	14	
	<u>14</u>	<u>35,358</u>

D. Equipment and Furniture—Items under £1,000

Equipment:

Psychology	776
English	31
German	12
Geography	115
	<u>934</u>
Carried Forward	934

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£	£
Brought Forward	934	
Physics	1,810	
Organic Chemistry	607	
Physical and Inorganic Chemistry	4,634	
Mathematics	477	
Geology	1,739	
Economic Geology	78	
Botany	1,517	
Zoology	1,524	
Genetics	937	
Animal House (Darling Building)	253	
Biochemistry	609	
Physiology	1,156	
Bacteriology	2,447	
Pathology	1,474	
Anatomy and Histology	889	
Medical and Surgical Studies	1,129	
Obstetrics	55	
Animal House (Medical Building)	104	
Dentistry	693	
Registrar's Department	216	
Barr Smith Library	204	
Maintenance Department	116	
Elder Conservatorium	448	
Civil Engineering	942	
Mechanical Engineering	970	
Electrical Engineering	4,064	
Mining Engineering	1,160	
Architecture	377	
Engineering Workshop	428	
Carpenter's Workshop	117	
Electrical Maintenance Workshop	56	
Photographic Services	57	
Electronic Workshop	130	
Gardeners	9	
	<hr/>	<hr/>
		32,360
<i>Furniture:</i>		
Classics	8	
Philosophy	11	
Psychology	1,015	
Political Science	147	
History	97	
English	113	
French	55	
German	80	
Geography	112	
Economics	148	
Physics	311	
Organic Chemistry	83	
Physical and Inorganic Chemistry	484	
Mathematics	2	
Mathematical Physics	54	
Geology	491	
Economic Geology	115	
	<hr/>	
Carried Forward	3,326	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£	£
Brought Forward	3,326	
Botany	9	
Zoology	180	
Genetics	36	
Biochemistry	138	
Physiology	89	
Bacteriology	81	
Pathology	111	
Anatomy and Histology	186	
Medical and Surgical Studies	298	
Obstetrics	11	
Dentistry	62	
Registrar's Department	1,173	
Barr Smith Library	344	
Law	17	
Elder Conservatorium	154	
Civil Engineering	172	
Mechanical Engineering	21	
Electrical Engineering	48	
Mining Engineering	120	
Architecture	1,494	
Physiotherapy	5	
Electronic Workshop	24	
Commercial Studies	120	
Postgraduate Medicine	96	
Caretakers	10	
	<u>8,325</u>	

E. Research Salaries—

Board for Anthropological Research	954	
Philosophy	225	
Psychology	731	
English	500	
French	200	
Geography	400	
Agricultural Chemistry	1,220	
Plant Pathology	400	
Entomology	13	
Plant Physiology	400	
Agronomy	300	
Economics	764	
Physics	2,807	
Organic Chemistry	924	
Physical and Inorganic Chemistry	954	
Mathematical Physics	529	
Geology	1,153	
Botany	800	
Zoology	2,190	
Genetics	800	
Biochemistry	1,029	
Bacteriology	1,648	
Civil Engineering	1,196	
Mechanical Engineering	918	
Electrical Engineering	1,311	
Mining Engineering	918	
	<u>23,289</u>	43

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£	£
F. Research Equipment—		
Classics	175	
Psychology	142	
History	22	
Geography	2	
Agricultural Chemistry	341	
Physics	1,403	
Organic Chemistry	954	
Physical and Inorganic Chemistry	493	
Geology	289	
Botany	271	
Zoology	584	
Genetics	4	
Biochemistry	240	
Physiology	480	
Bacteriology	148	
Dentistry	100	
Civil Engineering	21	
Mechanical Engineering	217	
Electrical Engineering	371	
Mining Engineering	930	
	<hr/>	<hr/>
		7,187
G. Research Maintenance—		
Psychology	5	
Political Science	60	
History	51	
German	4	
Geography	56	
Agricultural Chemistry	388	
Plant Physiology	42	
Economics	1	
Commercial Studies	2	
Physics	835	
Organic Chemistry	2,093	
Physical and Inorganic Chemistry	1,803	
Geology	26	
Economic Geology	68	
Botany	620	
Zoology	934	
Genetics	228	
Biochemistry	552	
Physiology	506	
Bacteriology	872	
Physiotherapy	32	
Dentistry	83	
Civil Engineering	603	
Mechanical Engineering	388	
Electrical Engineering	439	
Mining Engineering	507	
Social Science	5	
Books—for Research Purposes	356	
Printing	197	
	<hr/>	<hr/>
		11,756

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

	£	£
H. Research Travelling Expenses—		
Psychology	12	
History	207	
English	101	
German	130	
Geography	386	
Agricultural Chemistry	76	
Economics	6	
Commercial Studies	33	
Physics	325	
Organic Chemistry	35	
Physical and Inorganic Chemistry	38	
Mathematical Physics	69	
Geology	329	
Economic Geology	15	
Botany	272	
Zoology	686	
Genetics	11	
Dentistry	186	
Mining Engineering	30	
	2,947	

I. SCHOLARSHIPS AND PRIZES—1957

NAME	Opening Balance 1/1/57	Income	Expenditure	Closing Balance 31/12/57
Angas Engineering Scholarship ..	745 15 11	148 10 10	165 4 0	729 2 9
John Howard Clark Prize	83 15 10	18 9 10	—	102 5 8
Stow Prizes and Scholarship	19 14 2	19 8 2	30 0 0	9 2 4
Everard Scholarship	35 3 1	31 18 1	30 0 0	37 1 2
Eric Smith Scholarship	— *	20 11 8	25 14 6	— *
Archibald Mackie Bursary	2 14 2	3 5 2	—	5 19 4
Roby Fletcher Prize	10 19 2	5 3 0	10 0 0	6 2 2
Dr. Davies Thomas Scholarships ..	19 0 0	19 0 0	20 0 0	18 0 0
Hartley Studentship	6 10 0	19 0 0	25 0 0	10 0 0
Joseph Fisher Medal & Lecture ..	397 6 2	44 4 10	4 6	441 6 6
Tinline Scholarship	37 19 6	32 3 9	69 0 8	1 2 7
David Murray Scholarship	1,139 5 6	99 8 0	—	1,238 13 6
John Bagot Scholarship	391 6 4	28 4 4	—	419 10 8
Bundey Prize	26 11 5	6 19 7	10 0 0	23 11 0
John Creswell Scholarships	104 8 8	44 7 11	10 10 0	138 6 7
Alexander Clark Memorial Prize ..	53 12 10	9 15 8	12 10 0	50 18 6
Lister Prize	10 5DR	3 3 4	3 19 0	1 6 IDR
John Lorenzo Young Scholarship ..	119 2 5	13 5 4	—	132 7 9
John L. Young Scholarship	447 13 9	45 7 6	20 0 0	473 1 3
Dr. Charles Gosse Lectureship ..	136 18 1	39 19 4	4 6	176 12 11
Eugene Alderman Scholarship	66 3 1	25 10 6	37 0 0	54 13 7
Ernest Ayers Scholarship	425 11 5	52 11 8	—	478 3 1
George Thompson Bursary	— *	4 15 0	21 0 0	— *
Bonython Prize	— *	—	—	—
Rennie Scholarship	29 3 5	10 19 2	—	40 2 7
Fred Johns Scholarship	1,106 4 3	82 10 6	—	1,188 14 9
Archibald Watson Prize	16 14 7	5 14 0	12 12 0	9 16 7
T. G. Wilson Travelling Scholarship	285 18 11DR	769 10 11	—	483 12 0
R. W. Bennett Prizes & Medals ..	44 14 6	16 15 10	16 0 0	45 10 4
Sir Robert Chapman Prize	9 17 0	9 17 0	40 10 0	20 16 ODR
Anna Florence Booth Prize	247 13 1	23 13 8	250 0 0	21 6 9
William Gardner Scholarship	64 13 11	64 13 10	64 13 11	64 13 10
Shorney Prize	212 18 1	38 8 2	4 6	251 1 9
Lucy Josephine Bagot Prize	3 9 2	15 18 6	—	19 7 8
The Angus Parsons Prize	119 10 10	32 6 0	—	151 16 10
Selbourne Moutray Russell Scholarship	36 8 8	32 16 2	16 16 0	52 8 10
Varley Scholarship	68 14 8	33 17 0	—	102 11 8
Barr Smith Prize	19 19 0	5 7 8	—	25 6 8
Andrew Scott Prize	3 12 10	3 12 10	6 0 0	1 5 8
James Gartrell Prize	6 6 8	6 6 8	10 0 0	2 13 4
Carried Forward	£5,973 2 10	£1,887 11 5	£907 3 7	£6,974 18 6

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

NAME	Opening Balance 1/1/57	Income	Expenditure	Closing Balance 31/12/57
Brought Forward	£5,973 2 10	£1,887 11 5	£907 3 7	£6,974 18 6
Tormore Prize	25 6 7	4 15 0	6 0 0	24 1 7
M. Rees George Memorial Prize	50 0 9	7 15 2	6 0 0	51 15 11
Jeffries Memorial Medal	51 14 5	2 18 9	16 4 3	38 8 11
Tate Memorial Medal	1 5 8DR	1 18 0	—	8 7
Cablemakers Association Prize	—	—	10 10 0	10 10 0DR
Lokan Prize	3 6 8	3 3 4	3 0 0	3 10 0
B.M.A. (Section of Clinical Medicine) Prize	3 19 6	10 10 0	20 4 5	5 14 11DR
Roche Products Prize	—	10 0 0	10 0 0	—
Australian Dental Association Prize	10 10 0	—	—	10 10 0
St. Alban Scholarship	4 15 0	4 15 0	30 0 0	20 10 0DR
League of Nations Prize	109 11 6	6 13 0	—	116 4 6
Wyeth Prize in Obstetrics	—	20 0 0	20 0 0	—
Thorner Bursary	22 2 7	14 15 6	7 6 8	29 11 5
Keith Sheridan Prizes	261 15 3	22 12 4	—	284 7 7
Mining & Metallurgical Bursaries	—	300 0 0	300 0 0	—
E. W. Way Lectureship	—	14 19 6	—	—
Tennyson Medals	51 15 9DR	54 19 1	13 6	2 9 10
Elder Prize	—	—	10 0 0	10 0 0DR
Robert Whinham Prize	—	2 13 2	—	—
Hardwicke College Prize	13 4	3 3 4	3 0 0	16 8
Way College Prize	6 16 4DR	6 6 8	5 14 6	6 4 2DR
Annie Montgomerie Martin Prize	10 10 0DR	4 15 0	5 10 6	11 5 6DR
Justin Skipper Prize	28 18 0	5 13 4	—	34 11 4
J. E. Jenkins Scholarships	1,912 14 11	215 19 9	150 0 0	1,978 14 8
Gladys Lloyd Thomas Scholarship	6 18 8	16 1 2	16 16 0	6 3 10
James Barrans Scholarship	185 18 4	98 7 2	120 0 0	164 5 6
Australian Association of Accountants Prize	30 0 0DR	60 0 0	30 0 0	—
S.A. Chamber of Manufactures Prize No. 1	10 10 0DR	—	10 10 0	21 0 0DR
Elsie Marion Cornish Prize	17 5 9	8 9 2	—	25 14 11
S.A. Chamber of Manufactures Prize No. 2	19 10 0DR	—	10 0 0	29 10 0DR
Dental Board of S.A. Prize	—	5 5 0	5 5 0	—
Evening Studentships	—	38 12 8	—	—
Anders & Reimers Scholarships	175 13 10	29 12 10	21 0 0	184 6 8
Sir Archibald Strong Memorial Prize	140 0 5	20 5 4	—	160 5 9
Gavin David Young Lectureship	546 14 3	95 0 0	—	641 14 3
Electricity Trust Prize	10 10 0DR	10 10 0	—	—
Dental Board of S.A. Research Scholar- ship	113 5 5	3 11 6	—	116 16 11
Thomas Gepp Prize	22 7 4	7 0 8	—	29 8 0
Elder Conservatorium Old Scholars Association Scholarship	—	17 1 3	31 10 0	14 8 9DR
Violet de Mole Prize	81 7 7	16 17 6	5 5 0	93 0 1
J. B. Cleland Prize	7 2 8	4 3 11	5 4 6	6 2 1
E. Harold Davies Scholarship	28 19 1	16 15 0	16 16 0	28 18 1
Edith Hübbe & Harriet Cook Prize	114 18 4	19 1 0	16 0 0	117 19 4
Natalia Davies Prize	10 12 8	10 0 10	10 0 0	10 13 6
Baker Scholarship	665 2 2	153 9 3	112 10 0	706 1 5
T. L. Borthwick Prize	3 3 4	3 4 3	3 3 0	3 4 7
C. & J. Campbell Prize	18 9 10	15 19 6	15 0 0	19 9 4
Elder Travelling Scholarship	3 17 11	28 18 11	13 1 0	19 15 10
Guli Magarey Scholarship	23 16 11	16 11 10	16 0 0	24 8 9
Frederick Bevan Memorial Scholarship	51 14 7	20 13 0	—	72 7 7
E. V. Clark Prize	141 3 11	4 5 7	7 7 0	138 2 6
William Culross Prize	—	7 18 4	8 0 0	—
Eva Lines Memorial Scholarship	51 1 9	17 3 5	15 0 0	53 5 2
Sir Hugh Cairns Memorial Prize	51 13 7	37 6 11	30 0 0	59 0 6
D. B. Adam Memorial Prize	4 19 2	10 0 2	—	14 19 4
Maudie Puddy Scholarship	17 3 2	16 7 6	15 0 0	18 10 8
Gerard Prize	21 0 0DR	—	21 0 0	42 0 0DR
Tew Prize	—	3 3 4	—	3 3 4
Baillieu Research Scholarships	420 1 0	166 10 8	—	586 11 8
Rutter Jewell-Thomas Medal & Prize Institute of Chartered Accountants Prize in Accountancy III	38 11 8	41 15 9	—	80 7 5
Dr. Ruby Davy Scholarship	—	10 10 0	10 10 0	—
T. E. Barr Smith Travelling Scholar- ship	76 10 8	11 17 7	21 12 8	66 15 7
John Barker Scholarship	1,354 1 7	790 8 0	749 19 6	1,394 10 1
Thomas D. Hannon Prize	45 17 0	95 9 10	45 0 0	96 6 10
Philips Electrical Industries Prize in Electronics	4 4 3	4 6 8	—	8 10 11
Wm. Donithorne Award	—	50 0 0	50 0 0	—
George Murray Scholarship	229 1 1	107 4 6	120 0 0	216 5 7
Chapman Memorial Scholarship	—	—	752 5 3	—
Athol Lykke Award	46 18 7	47 18 10	15 0 0	79 17 5
—	—	121 12 9	—	121 12 9
Carried Forward	£12,995 10 1	£4,865 8 11	£3,830 6 1	£14,742 8 4

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

NAME	Opening Balance 1/1/57	Income	Expenditure	Closing Balance 31/12/57
Brought Forward	£12,995 10 1	£4,865 8 11	£3,830 6 1	£14,748 2 4
Weimar-Ohlstrom Prizes	—	18 0 0	—	18 0 0
John Lewis Prize (Royal Geographical Society of A/Asia)	—	5 0 0	5 0 0	—
The British Psychological Society Prize	—	5 0 0	—	5 0 0
Charles Fenner Prize in Geography	—	5 8 7	—	5 8 7
The Electricity Trust Prize in Electrical Power Engineering	—	50 0 0	—	50 0 0
A. Grenfell Prize Prize in Geography	—	4 3 9	—	4 3 9
	£12,995 10 1	£4,953 1 3	£3,835 6 1	£14,830 14 8

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

Expenditure (Column 3)	£3,835 6 1
Excess Closing Balances	£14,830 14 8
Opening Balances	12,995 10 1
	<u>1,835 4 7</u>
	£5,670 10 8

EXPENDITURE

	£	£	£
<i>J. General Expenses—Printing, Stationery, Miscellaneous—</i>			
Caretakers' and Cleaners' Materials		1,413	
Miscellaneous Charges		1,324	
Printing and Stationery—General		4,362	
Advertising—General		330	
Duty Stamps and Exchange		266	
Postages and Telegrams		1,595	
Library—Sundries		1,124	
Maintenance of Office Machines		584	
Auditors' Fees and Legal Expenses		702	
Senate		485	
Telephone Charges		5,327	
Calendar—Printing		3,459	
Exchange on Remittances to London		4,436	
Visiting Lecturers—Expenses		230	
Public Lectures		86	
Examination Expenses		180	
Fire Protection Charges		310	
Laundry Services		2,184	
Travelling Expenses		1,094	
Australian Vice-Chancellors' Committee— Expenses		711	
Maintenance of Lifts—General		73	
Maintenance of Lifts—Medical Building ..		625	
General Service Truck Maintenance		444	
Summer School of Business Administration ..		20	
Interest on Overdraft		11	
		<u>31,375</u>	
<i>Deduct Credit Balances:</i>			
Weapons Research Establishment— Mathematics Account		31	
Discount Received		626	
Workshop Overhead Recovery		180	
		<u>837</u>	
			30,538

THE UNIVERSITY OF ADELAIDE

*Schedules—Income and Expenditure Account, 1957—Continued***EXPENDITURE.**

	£	£
K. Gas, Water, Electricity, Insurance—		
Gas, and Electric Supply	12,204	
Water Rates	5,364	
Insurance Premiums	3,339	
	<u> </u>	<u>20,907</u>
L. Special Grants—		
Anthropological Research	400	
Postgraduate Medicine	2,515	
Australian Journal	300	
Publications Fund	300	
Theatre Guild	200	
Physical Education	697	
Graduates' Union	488	
Staff Club	350	
Publication of "Paradise of Dissent"	300	
	<u> </u>	<u>5,550</u>
M. Study Leave—		
Study Leave—General	5,979	
" " Research-type Conferences	1,772	
" " Visiting Lecturers	180	
	<u> </u>	<u>7,931</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
N. Salaries and Wages—Departmental—			
Agronomy and Plant Breeding		28,163	
Agricultural Chemistry		17,872	
Plant Pathology		17,694	
Entomology		13,971	
Plant Physiology		7,085	
Faculty		109	
		<u>84,844</u>	
O. Laboratory Maintenance—			
Agronomy and Plant Breeding		1,394	
Agricultural Chemistry		4,836	
Plant Pathology		752	
Entomology		1,137	
Plant Physiology		789	
South Wing Basement		216	
Glasshouse Repairs		840	
Workshop		26	
		<u>9,990</u>	
P. Equipment and Furniture—Items under £1,000			
<i>Equipment:</i>			
Administration	1,652		
Agronomy and Plant Breeding	1,170		
Agricultural Chemistry	7,163		
Plant Pathology	521		
Entomology	1,174		
Plant Physiology	696		
Students' Equipment	848		
		<u>13,224</u>	
<i>Furniture:</i>		879	
		<u>14,103</u>	
Q. General Expenses—Printing, Stationery, Miscellaneous—			
Telephone		628	
Stationery and Printing		1,130	
Freight and Cartage		223	
Photography		416	
Publications		352	
Trav. Expenses—General Administration		336	
" " Agronomy and Plant Breeding		1,062	
" " Agricultural Chemistry		337	
" " Plant Pathology		545	
" " Entomology		1,148	
" " Plant Physiology		28	
Advertising		338	
Postages		423	
Laundry		200	
Cleaners' Materials		460	
Sundries		990	
		<u>8,616</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

		INCOME		
		NORTH TERRACE		
		£	£	£
R. Interest and Dividends—				
Australian Inscribed Stock			13,828	
Treasury of South Australia Interest			3,863	
Mortgage Advances			4,059	
Interest from Sundry Investments			1,117	
			<u>22,867</u>	
<i>Less:</i>				
<i>Interest Credited to Special Funds—</i>				
Personal Superannuation Accumulation				
Accounts		2,498		
Other Trust Funds		5,441		
			<u>7,939</u>	
				<u>14,928</u>
S. Student Fees—				
Arts			9,694	
Economics			6,760	
Science			19,855	
Medicine			35,866	
Dentistry			3,086	
Law			4,093	
Music			2,241	
Conservatorium			10,657	
Engineering			20,857	
Technology			733	
Social Science			1,219	
Physiotherapy			3,425	
Agricultural Science			4,568	
Optometry			265	
Physical Education			1,072	
				<u>124,391</u>
T. Sundry Income—				
Rent—Investment Properties		2,759		
<i>Less</i> Maintenance Expenses		2,290		
			469	
Calendar Sales			292	
Hire of Rooms			199	
C.S.I.R.O. Grant for Genetics			2,500	
Grant from C.S.I.R.O. and various bene- factors for Animal Ecology			3,100	
Pharmaceutical Society of S.A. Grant for Pharmacy Classes			2,165	
General Service Fees		13,477		
<i>Less</i> Disbursements		5,402		
			8,075	
Statements of Academic Records			64	
Commonwealth Government Grant for Physical Education			2,100	
First Annual Contribution from Architects' Fund towards Chair of Architecture			5,000	
Commercial Studies—donations toward cost of Readership			2,665	
Administration Charge Refunds			2,692	
Library Fines and Fees			135	
			<u>29,456</u>	
<i>Less</i> Transfer to Fund for Replacement of Major Equipment and Plant			5,000	
			<u>24,456</u>	
Carried Forward			24,456	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1957—Continued

INCOME

	£	£	£
Brought Forward		24,456	
<i>Other Income for Scholarships and Prizes—</i>			
B.M.A. (Section of Clinical Medicine)			
Prize	11		
Roche Products Prize	10		
Wyeth Prize in Obstetrics	20		
Mining and Metallurgical Bursaries	300		
Tennyson Medal	52		
Australian Society of Accountants' Prize	60		
Dental Board of S.A. Prize	5		
Electricity Trust Prize	11		
Elder Conservatorium Old Scholars' Assn. Prize	17		
Elder Travelling Scholarship	13		
Rutter Jewell-Thomas Medal and Prize	24		
Institute of Chartered Accountants' Prize ..	11		
T. E. Barr Smith Travelling Scholarship	750		
Philips Electrical Industries Prize in Elec- tronics	50		
Wm. Donnithorne Award	12		
Athol Lykke Award	119		
Weimar-Ohlstrom Prizes	18		
John Lewis Prize (Royal Geographical Society of Australasia)	5		
The British Psychological Society Prize	5		
Charles Fenner Prize in Geography	5		
The Electricity Trust Prize in Elect. Power Engineering	50		
A. Grenfell Price Prize in Geography	4		
	<u>1,552</u>		
		<u>26,008</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
<i>U. Interest and Dividends—</i>			
Peter Waite Trust Fund		2,283	
Elizabeth MacMeikan Estate		8,000	
Hugh Hughes Estate		1,347	
James Waite Estate		32	
W. D. Grigg Estate		580	
W. H. Sandland		547	
Mrs. L. M. Owen-Smyth Fund		132	
Ranson Mortlock Trust Fund		475	
		<u>13,396</u>	
<i>V. Other Income—</i>			
<i>Waite Donations:</i>			
J. T. Mortlock Bequest		1,000	
<i>Sundry Income:</i>			
Sundry Sales	3,538		
Sale of Publications	211		
Rent Account—Dr. Best	104		
	<u>3,853</u>		
		<u>4,853</u>	

LIABILITIES AND TRUSTS			
NORTH TERRACE			
	Schedule	1957 £	1956 £
<i>Endowments, etc.—</i>			
General	I	993,954	965,630
Sale of Country Lands		40,000	40,000
Sale of Alverstoke Estate		12,000	—
Grants and Donations for University Site	II	11,776	11,776
Contributions to Buildings by H.M. Government of S.A.	III	147,655	147,655
Contributed from Accumulated Income towards Buildings		105,605	95,536
Grant from Unemployment Relief Council for Johnson Chemical Laboratories		12,000	12,000
Advance from Appropriation Account for Buildings		15,525	15,525
Gift from Pharmaceutical Society for Buildings Contributed by Department of Commerce to Medical School Building		300	300
		11,749	11,749
		1,350,564	1,300,171
<i>Commonwealth Reconstruction Training Scheme—</i>			
Commonwealth Government		342,882	342,882
H.M. Government of S.A.		216,608	216,608
Contributed from Accumulated Income		89,564	87,957
Contributed by C.S.I.R.O.		825	825
		649,879	648,272
<i>Reserves and Special Funds—</i>			
<i>H.M. Government of S.A.—</i>			
Provision for Buildings and Equipment Over £1,000	IV	15,740	12,101
Special Donation	V	15,000	17,342
Superannuation Funds—General		—	15,242
Personal Superannuation Accumulation Accounts		72,414	51,327
Share Fluctuation Reserve		55,554	31,120
Redemption of Stock Balance		7,334	7,334
H.M. Government of S.A. Advance Payment for 1958		37,500	36,750
Fund for Replacement of Major Plant and Equipment		5,000	—
Motor Vehicle Over £1,000 Replacement Fund		1,396	—
Bank of Adelaide Current Account		14,280	(11,018 Dr.)
Income & Expenditure Surplus, 1957		1,721	13,515 Deficit
<i>Unexpended Balances—</i>			
Scholarship Accounts	VI	15,024	13,444
Library Accounts		3,608	3,170
Special Accounts		98,708	80,380
Donations for Equipment		9,536	7,536
		352,815	262,231
Carried Forward		2,353,258	2,210,674

OF ADELAIDE

Accounts as at 31st December, 1957.

ASSETS					
NORTH TERRACE					
	Schedule	£	1957 £	1956 £	
<i>Investment of Endowments, etc.—</i>					
Commonwealth Inscribed Stock at par	XIII	228,315		244,167	
Share and Stock Investments	XIV	383,474		322,179	
University Site	XV	11,776		11,776	
University Buildings	XVI	503,841		492,772	
Other Land and Buildings	XVII	30,579		35,579	
Books—Barr Smith Library	.....	9,106		9,106	
Advances on Mortgages	XVIII	82,806		83,924	
Funds held by Trustees	XIX	34,003		34,003	
			1,283,900	1,233,506	
 <i>Commonwealth Reconstruction Training Scheme—</i>					
Buildings	XX	642,186		640,580	
Equipment	XXI	74,357		74,357	
			716,543	714,937	
 <i>Investment of Reserves and Special Funds—</i>					
Commonwealth Inscribed Stock at par	.....	142,661		121,345	
Investment Properties and Improvements	XXII	53,647		72,901	
 <i>Current Balances—</i>					
Invested on Deposit with Treasury of S.A.	XXIII	131,919		36,056	
Cash Debtors, etc.	.....	24,588		31,929	
			352,815	262,231	
Carried Forward			2,353,258	2,210,674	

LIABILITIES AND TRUSTS

	<i>Schedule</i>	1957 £	1956 £
Brought Forward		2,353,258	2,210,674
<i>Funds Expended on Equipment—</i>			
Contributed from Accumulated Income		235,350	235,350
Donations for Equipment	VII	90,480	90,224
Donations for Library	VIII	16,164	14,992
<i>Funds Provided by H.M. Government of S.A.—</i>			
Equipment Under £1,000		225,996	178,123
Library		96,598	78,552
Equipment Over £1,000		27,883	24,101
Furniture Over £1,000		1,372	1,372
		693,843	622,714
<i>Lord Mayor's Cancer Appeal Fund—</i>			
Donations	102,794		
Less Deficits incurred in operating expenses in 1956 and 1957	2,410		
		100,384	100,689
Part of Special Grant by H.M. Government of S.A. towards purchase of Linear Accelerator paid in 1955		12,177	12,177
Special Grant by H.M. Government of S.A. for Viewing Window		1,401	
Current Account Overdrawn		441	
		114,403	112,866
<i>University Union Building Appeal Fund—</i>			
Donations		103,745	103,551
Interest		6,763	4,505
Contributed by University from Capital Funds		6,408	
		116,916	108,056
<i>Department of Architecture Fund—</i>			
Donations		20,178	19,767
Interest		1,361	485
		21,539	20,252
Carried Forward		3,299,959	3,074,562

OF ADELAIDE

Accounts as at 31st December, 1957.—Continued.

ASSETS

		Schedule		1957	1956
Brought Forward				£	£
<i>Equipment—</i>					
Equipment	.....	XXIV	411,147		367,562
Library Books and Binding	.....	XXV	199,138		179,919
Furniture	.....	XXVI	83,558		75,233
				2,353,258	2,210,674
<i>Lord Mayor's Cancer Appeal Fund—</i>					
Invested in Commonwealth	Inscribed	Stock			
at par	.....	.....	50,000		50,000
Invested on Deposit	.....	.....			15,000
Linear Accelerator—Progressive cost to 31/12/57	.....	.....	63,002		45,527
Viewing Window	.....	.....	1,401		1,101
Balance of Current Account	.....	.....			1,238
				114,403	112,866
<i>University Union Building Appeal Fund</i>					
Invested on Deposit	.....	.....			78,000
Alterations and Additions to	Union	Buildings	59,138		16,471
New Union Hall	.....	.....	55,201		10,775
Expenses of Appeal	.....	.....	2,577		2,577
Balance of Current Account	.....	.....			233
				116,916	108,056
<i>Department of Architecture Fund—</i>					
Invested on Deposit	.....	.....	15,000		18,000
Funds Held by S.A. Institute of Architects	.....	.....	35		1,023
First Annual Contribution towards cost of Chair	.....	.....	5,000		—
of Architecture	.....	.....	
Expenses of Appeal—Purchase of Books and	.....	.....	
Advertising	.....	.....	1,098		1,044
Balance of Current Account	.....	.....	406		185
				21,539	20,252
Carried Forward				3,299,959	3,074,562

Statement of Balances of Capital

LIABILITIES AND TRUSTS

		<i>Schedule</i>			
Brought Forward		£	1957 £	1956 £	
WAITE AGRICULTURAL RESEARCH INSTITUTE					
Endowments—General	IX	230,051		230,989	
Endowments for Laboratories	X	35,000		35,000	
Donations	XI	30,970		20,970	
Contributed from Accumulated Income		92,696		101,171	
Motor Vehicles Over £1,000 Replacement Fund		281		300	
Unexpended Balances	XII	7,889		2,871	
Funds Provided by H.M. Government of S.A.					
Equipment Under £1,000		69,332		54,961	
Library		16,527		13,898	
Equipment Over £1,000		19,688		13,458	
<i>Commonwealth Reconstruction Training Scheme—</i>					
Commonwealth Government Contribution to					
Buildings		9,602		9,602	
Income and Expenditure Surplus, 1957		460		2,229	
			512,496	485,449	
			£3,812,455	£3,560,011	

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 Mrs. L. M. Owen-Smyth
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 A. M. Barnes
Estate of Late Miss G. E. I. Borthwick
Estate of Late Dr. A. J. Schulz
Estate of Late G. Gollin
Estate of Late Hugh Hughes (Balance)
Estate of Late William Donnithorne (Balance)
Estate of Late E. F. Hern (Balance)
Estate of Late Edward Neale (Balance)
Estate of Late Mrs. G. E. Hastings (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, 1957, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and

OF ADELAIDE

Accounts as at 31st December, 1957.—Continued.

ASSETS		Schedule	1957	1956
Brought Forward	.....	.....	£	£
			3,299,959	3,074,562
WAITE AGRICULTURAL RESEARCH INSTITUTE				
Commonwealth Inscribed Stock at par	.....	.....	59,534	72,158
Funds held by Trustees	.....	XXVII	114,135	115,200
Land, Urrbrae House, etc.	.....	XXVIII	54,454	50,928
Buildings	.....	XXIX	109,814	102,941
Equipment and Furniture	.....	XXX	144,631	119,041
Library	.....	XXXI	27,650	25,021
Current Balances—Cash Debtors, etc.	.....	XXXII	2,278	160
			512,496	485,449
			£ 3,812,455	£ 3,560,011

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 Mrs. L. M. Owen-Smyth
 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 A. M. Barnes
 Estate of Late Miss G. E. I. Borthwick
 Estate of Late Dr. A. J. Schulz
 Estate of Late G. Gollin
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late E. F. Hern (Balance)
 Estate of Late Edward Neale (Balance)
 Estate of Late Mrs. G. E. Hastings (Balance)

not payable on the said 31st day of December, 1957. 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.

R. M. STEELE, Chartered Accountant (Aust.)
 E. F. HUNWICK, Chartered Accountant (Aust.)
 Auditors.

Adelaide, 15th May, 1958.

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.

LIABILITIES AND TRUSTS

NORTH TERRACE

	£	£
<i>I. Endowments—General—</i>		
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
Gwendolyn Michell Foundation (for Medical Research)	50,000	
Gwendolyn Michell Foundation (for Medical Research)	25,000	
	<hr/>	75,000
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 Account		11,000
Barr Smith Library Fund—No. 2 Account		9,106
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
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 (used for Chemical Laboratory)		12,000
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	
Adelaide Electric Supply Co. Ltd.	5,000	
General Motors-Holden's 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/> 773,598

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
Brought Forward		773,598
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
Sewell Myers Bequest (for Medical Research)		20,000
Animal Products Research Foundation		7,074
J. E. Jenkins Scholarship Fund		5,000
Sir Joseph Verco (for Medical Science Research)		5,000
Sir Joseph Verco (for Medical School)		2,166
Sir Joseph Verco (for Dental School)		2,166
Emma Jeffress Bequest (for Cancer Research)		5,900
Baillieu Scholarships Fund		4,839
Baker Scholarship Fund		4,246
F. W. Wheadon (for Observatory Building)		5,337
James Barrans Scholarship Fund		3,000
John Barker Scholarship Fund		3,000
Donnithorne Awards Fund		2,829
T. G. Wilson Scholarship Fund		2,500
Gavin David Young Lectures Fund		2,453
William Gardner Scholarship Fund		2,043
David Murray Scholarship Fund		2,000
Nickel Mines No Liability Gift		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 Scholarships 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
Varley Scholarship Fund		1,000
Selbourne Moutray Russell Scholarship Fund		1,000
Sir Mark Mitchell—Donation towards cost of Furnish- ing the New Council Room	1,000	
Sir Mark Mitchell (for Animal Culture House)	924	
	<hr/>	1,924
The Angas Parsons Prize Fund		900
S.A. Orchestra Permanent Fund		873
Anders & Reimers Scholarships Fund		760
Elizabeth Jackson Memorial Library Fund		750
Eugene Alderman Scholarship Fund		740
Sydney Norman Bequest (for Medical Research)		650
Eric Smith Scholarship Fund		650
Archibald Mackie Bursary Fund		100
For Anti-Cancer Committee—		
Mrs. E. C. Hoare	5,769	
Mrs. Rosye F. Mortlock	5,086	
C. V. Crocombe	3,722	
Carried Forward	<hr/>	934,230
	14,577	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
Brought Forward	14,577	934,230
Mrs. H. L. Heuzenroeder	2,846	
Laura E. Bateman	2,553	
Robert T. Melrose	2,291	
Mrs. M. August	1,836	
E. F. Hern	990	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
		26,383
Stow Prizes and Medal Fund		613
Hartley Studentship Fund		600
Dr. Davies-Thomas Scholarship Fund		600
Frederick Bevan Scholarship Fund		600
Department of Health Capital Grant (for Physical Education)		2,000
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 Hübbe and Harriet Cook Prize Fund		500
Lucy Josephine Bagot Prize Fund		500
Sir Archibald Strong Memorial Prize Fund		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
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
Weimar-Ohlstrom Prizes Fund		300
Alexander Clark Prize Fund		255
Elsie Marion Cornish Prize Fund		250
Bundey Prize Fund		200
James Gartrell Prize Fund		200
M. Rees George Prize Fund		200
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
Carried Forward		980,549

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
Brought Forward			980,549
George Thompson Bursary Fund			150
Justin Skipper Prize Fund			150
Tormore Old Scholars' Prize Fund			130
J. B. Cleland Prize Fund			130
Andrew Scott Prize Fund			115
Professor J. H. B. Tew Prize Fund			100
William Culross Prize Fund			250
L. G. Wilson—Gift of Hills Property, "Pine Kloof"			4,631
Chapman Memorial Fund			1,482
Anonymous Donation—Staff Common Room		2,379	
Less Transferred to Equipment		<u>1,006</u>	
			1,373
Sir Hugh Cairns Memorial Fund			1,154
Shorney Memorial Library Fund			1,000
Robin Memorial Lecture Fund			584
Nathan Netter (for Medical Research)			530
T. P. Shaughnessy Fund (for Magazines for the Union)			191
Thomas D. Hannon Prize Fund			133
A. Grenfell Price Prize Fund			110
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
Charles Fenner Prize Fund			100
Professor J. R. Wilton 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
			<u>993,954</u>
II. Grants and Donations for University Site—			
Land Endowment		5,000	
Special Donations for Fences and Gates—			
R. Barr Smith		400	
Hon. Sir John Duncan		250	
W. H. Duncan			
Sir Walter Young		1,000	
Sir William Mitchell		876	
Special Donations for Other Improvements—			
Misses Eva and Lily Waite (for Foot- bridge)	2,250		
Hon. Sir George Murray	<u>2,000</u>		
		<u>4,250</u>	
			<u>11,776</u>
III. Contributions to Buildings by H.M. Government of S.A.—			
Contributed to Buildings		77,429	
Grant to Medical Building		50,000	
Grant for Items Over £1,000		<u>20,226</u>	
			<u>147,655</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
IV. Reserves and Special Funds—			
Provision for Buildings and Equipment over £ 1,000		37,428	
Less Expenditure (detailed below) trans- ferred to University and Waite Build- ings and Equipment over £ 1,000		21,688	
			<u>15,740</u>
NORTH TERRACE—			
Barr Smith Library Building	1,289		
Administration Building Alterations and Furnishing	7,065		
Less Donation	1,000		
	<u>6,065</u>		
Glass House for Genetics		63	
Acoustical Treatment Elder Hall	1,603		
Johnson Chemistry Building Brick Facing	1,050		
Physics Building Alterations	1,606		
Land Rover for Zoology	1,320		
Plant Growth Cabinet for Genetics	1,190		
Vapour Phase Chromatographic Appa- ratus for Organic Chemistry	1,213		
P.A.B.X. Telephone System	59		
	<u>15,458</u>		
WAITE INSTITUTE—			
South Wing Brick Facing	1,210		
New Glass House No. 7	3,800		
Electrophoresis Apparatus for Agri- cultural Chemistry	1,220		
	<u>6,230</u>		
V. Special Donation—			
Anonymous Donation—Clinical Medicine			<u>15,000</u>
VI. Unexpended Balances—			
<i>Scholarship Accounts—</i>			
Angas Engineering Scholarship		729	
John Howard Clark Prize		102	
Stow Prizes and Scholarship		9	
Everard Scholarship		37	
Archibald Mackie Bursary		6	
Roby Fletcher Prize		6	
Dr. Davies Thomas Scholarships		18	
Hartley Studentship		1	
Joseph Fisher Medal and Lecture		441	
Tinline Scholarship		1	
David Murray Scholarship	1,239		
John Bagot Scholarship		420	
Bunday Prize		24	
John Creswell Scholarships		138	
Alexander Clark Memorial Prize		51	
John Lorenzo Young Scholarship		132	
John L. Young Scholarship		473	
Carried Forward		<u>3,827</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£
Brought Forward	3,827
Dr. Charles Gosse Lectureship	177
Eugene Alderman Scholarship	55
Ernest Ayers Scholarship	478
Rennie Scholarship	40
Fred Johns Scholarship	1,189
Archibald Watson Prize	10
T. G. Wilson Travelling Scholarship	484
R. W. Bennett Prizes and Medals	46
Anna Florence Booth Prize	21
William Gardner Scholarship	65
Shorney Prize	251
Lucy Josephine Bagot Prize	19
The Angas Parsons Prize	152
Selbourne Moutray Russell Scholarship	52
Varley Scholarship	103
Barr Smith Prize	25
Andrew Scott Prize	1
James Gartrell Prize	3
Tormore Prize	24
M. Rees George Memorial Prize	52
Jefferis Memorial Medal	38
Tate Memorial Medal	—
Lokan Prize	3
Australian Dental Association Prize	11
League of Nations Prize	116
Thornber Bursary	30
Keith Sheridan Prizes	284
Tennyson Medal	2
Hardwicke College Prize	1
Justin Skipper Prize	35
J. E. Jenkins Scholarships	1,979
Gladys Lloyd Thomas Scholarship	6
James Barrans Scholarship	164
Elsie Marion Cornish Prize	26
Anders & Reimers Scholarships	184
Sir Archibald Strong Memorial Prize	160
Gavin David Young Lectureship	642
Dental Board of S.A. Research Scholarship	117
Thomas Gepp Prize	29
Violet de Mole Prize	93
J. B. Cleland Prize	6
E. Harold Davies Scholarship	29
Edith Hübbe and Harriet Cook Prize	118
Natalia Davies Prize	11
Baker Scholarship	706
T. L. Borthwick Prize	3
C. and J. Campbell Prize	19
Elder Travelling Scholarship	20
Guli Magarey Scholarship	24
Frederick Bevan Memorial Scholarship	72
E. V. Clark Prize	138
Eva Lines Memorial Scholarship	53
Sir Hugh Cairns Memorial Prize	59
D. B. Adam Memorial Prize	15
Maude Puddy Scholarship	19
Professor J. H. B. Tew Prizes	3
Baillieu Research Scholarships	587
Carried Forward	12,876

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
Brought Forward		12,876	
Rutter Jewell-Thomas Medal and Prize		80	
Dr. Ruby Davy Scholarship		67	
T. E. Barr Smith Travelling Scholarship		1,395	
John Barker Scholarship		96	
Thomas D. Hannon Prize		9	
Wm. Donnithorne Award		216	
Athol Lykke Award		122	
Chapman Memorial Scholarship		80	
Weimar-Ohlstrom Prizes		18	
British Psychological Society Prize		5	
Charles Fenner Prize		6	
Electricity Trust Prize		50	
A. Grenfell Price Prize		4	
		<u>15,024</u>	
<i>Library Accounts—</i>			
T. E. Barr Smith Endowment Income	273		
Sir William Mitchell Endowment Income	288		
Elizabeth Jackson Fund Income	49		
B.M.A. Donations	52		
A. M. Simpson Library Income	72		
Kate Helen Weston Library	2		
S.A. Tuberculosis Association Donations	67		
Herbert Shorney Memorial Library Income	1		
Mark Mitchell—Periodicals Income	29		
Elizabeth Mills Bequest for Library Books	250		
		<u>1,083</u>	
Library Deposits		2,525	
		<u>3,608</u>	
<i>Special Accounts—</i>			
Civil Engineering—Donations for Research on Concrete		638	
The Gwendolyn Michell Foundation for Medical Research		708	
The Gwendolyn Michell Foundation Reserve for Fluctuation of Shares		703	
I.C.I. Grant—Research Fund for Sulphur Drugs		64	
Gastro Enteritis Investigation Fund		21	
Grant for Tuberculosis Research		53	
Donation for Enuresis Investigation—Mrs. H. M. Newland		5	
Donation for Virus Investigations—Medical School		100	
Sheridan Bequest		6,270	
F. H. Faulding & Co. Ltd.— Dental Research Grant		16	
Donation for Equipment—Dental School		25	
Elder Conservatorium—Donation for Pur- chase of Gramophone		164	
Anthropological Research—Harvard Uni- versity		108	
Anthropological Research—General A/c		467	
Anthropological Research—Mr. Mountford		2,887	
Anthropological Research—Film A/c (Dr. Campbell)		74	
Anthropological Research—Professor Abbie		6	
		<u>12,309</u>	
Carried Forward			

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
Brought Forward		12,309
Australian Linguistics Film A/c (Mr. Strehlow)		5
Graduates' Union Fund for Capital Expenditure	1,114	
Less Expenditure	935	
	<hr/>	
Universities Commission—Salaries		179
R. B. Elliott		24
University Union Fees		6
Broken Hill Smelters—Donation		5
Insurance Deposits		62
C.I.G. (South Australia) Ltd.		16
Illuminating Eng. Soc. Grant		11
Grant for Latitude Observations		15
Australian Society of Accountants Lecture		8
Army Education Accounts		43
Bonython Hall Maintenance		53
Permanent Orchestra Fund		42
Rose Grainger Orchestral Fund		580
Students' Loan Fund		582
Conservatorium Students' Fund		2,738
Board of Social Studies—Students' Fund		391
Constance Fraser Income		187
Shaughnessy Endowment Income		604
Hughes Statue Maintenance Fund		10
Reimann Memorial Fund		25
Robin Memorial Lecture Fund Income		1
Joseph Verco Memorial		39
Sheridan Family Grave Maintenance A/c		3
Donation for Research in Encephalitis—A. J. Playford		117
Nathan Netter Endowment Income		100
Provision for Realisation of Investment Properties		17
Provision for Damage by Storm and Tempest		69
Provision for Purchase of Special Equipment for Testing Concrete		600
Donation for Furnishing South Hall, Elder Conservatorium		8,000
Broken Hill Associated Smelters—Donation of £300 for Purchase of Lead (Balance)		49
Civil Engineering Notebook		48
Donations for Purchase of Musical Instruments		30
T. G. and Miss M. E. Seymour Donation of £400 for Research in Department of Physiology (Balance)		25
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library		187
Donations towards Chair of Microbiology		2,296
Donations for the Maude Puddy Library		597
The McGregor Fund		60
Scholander Fund		2,000
Donations for Purchase of Codex Manesse		94
Hammel Expedition		55
Donation for Optical Rotatory Dispersion Apparatus (Organic Chemistry)		896
		<hr/>
Carried Forward		50
		<hr/>
		33,228

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
Brought Forward		33,228
Chemistry Laboratory Deposits		18
Provision for Microscope Workshop		500
Adult Education—Accumulated Fund		499
Publications Fund		300
Enuresis Patent		1,213
Geology Department Consulting Fund		862
Pipe Transmission Line Structure		61
Economic Geology Consulting Fund		14
Inorganic Chemistry Consulting Fund		10
Civil Engineering Consulting Fund		287
Organic Chemistry Research Fund		935
Mechanical Engineering Research Fund		12
Public Examinations in Music		8,004
Diploma in Physical Education		3,136
Public Examinations Board		8,671
Queen Victoria and Queen Elizabeth Maternity Hospitals		203
University Music Society Fund		1,299
Opera Performances Reserve A/c		222
Commonwealth Grant for Australian Literature		160
C.S.I.R.O. Electrical Research Board		300
C.S.I.R.O. Radio Research Board		445
N.H.M.R.C. Grant		35
Department of Trade—Anti-Oxidants Research		2,116
Department of Civil Aviation—Hangar Wind Loading Research		272
I.C.I.A.N.Z. Research Fellowship		679
Sandoz Ltd.—Grant for Research in Obstetrics		2,538
 <i>Australian Atomic Energy Commission—Income</i>		
Mechanical Engineering	Cr.	5
Equipment (Matthew)	Cr.	344
Equipment (Staker)	Cr.	204
Equipment (Butcher)	Cr.	396
Equipment (Nolte)	Cr.	385
		1,334
Less Australian Atomic Energy Commission Studentships	Dr.	21
		1,313
Department of Civil Aviation—Electronic Research Grant		2,494
Rockefeller Foundation Grant (Dr. B. R. Elliott)		1
Monsanto Chemicals: Grant for Research		602
C.S.I.R.O. Grant for Phenothiazine Research (Zoology)		28
Damon Runyon Grant for Cancer Research (Organic Chemistry Department)		1,653
C.S.I.R.O. Grant—Sheep and Wool Research (Animal Ecology)		358
C.S.I.R.O. Travelling Allowance (Zoology Department)		33
Carried Forward		72,501

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
Brought Forward	72,501	
General Motors-Holden's — Postgraduate Research Fellowship	577	
General Motors-Holden's — Postgraduate (Grant-in-aid—Kurucsev)	188	
Rockefeller Foundation Grant for Inorganic Chemistry	4,174	
Australian Atomic Energy Commission— Properties of dispersions of solids in liquids research	2,022	
Australian Atomic Energy Commission— Research into the dispersion of uranium in molten sodium	2,465	
Department of Supply — Research on Aerials and Computers	1,923	
Social Sciences Research Council of Australia Grant	258	
Broken Hill Pty. Co. Ltd. Research (Economic Geology)	1,490	
C.S.I.R.O. Grant towards Maintenance of Electron Microscope	250	
E.T.S.A. Conductor Account	92	
Australian Journal of Experimental Biology and Medical Science	4,182	
Anti-Cancer Campaign—Government Grant in Advance	625	
Cancer—Hoare Estate—Reserve for Fluctuation in Shares	55	
Advance by H.M. Government of S.A. towards Loss on Realization of Cancer Appeal Fund Inscribed Stock	7,500	
Department of Architecture Fund — Balance	406	
	<hr/>	<u>98,708</u>
<i>Donations for Equipment—</i>		
Department of Commerce and Agriculture —Advance for Capital Equipment	287	
Reserve for Civil Engineering Special Equipment	9,222	
Consulting Fees—Department of Electrical Engineering	—	
C.S.I.R.O. Grant for Capital Expenditure— Animal Ecology Research	2	
Motors Ltd.—Donation for Economics Department	25	
	<hr/>	<u>9,536</u>
VII. Donations for Equipment—		
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	
Department of Commerce—Advance for Capital Equipment	11,727	
	<hr/>	
Carried Forward	21,681	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
Brought Forward		21,681	
Engineering Testing Fees		7,294	
Civil Engineering Testing Fees		514	
Consulting Fees—Electrical Engineering		108	
<i>Department of Mining—</i>			
Broken Hill Pty. Co. Ltd.	5,000		
Electrolytic Zinc Co. of Australia Ltd.	5,000		
North Broken Hill Ltd.	4,000		
Broken Hill South Ltd.	4,000		
Zinc Corporation Ltd.	4,000		
Imperial Chemical Industries Ltd.	1,000		
Power Plant Ltd. (Malcolm Moore, Esq.)	200		
Power Plant Ltd.	400		
Aberfoile Tin N.L.	250		
King Island Scheelite, Ltd.	100		
	<hr/>	23,950	
Donations for Equipment—Department of Geology		2,565	
Clinical Medicine Donation		2,464	
C.S.I.R.O. Grant for Capital Expenditure—			
Animal Ecology		1,498	
Rural Credits Development Fund Grant for Animal Ecology		7,652	
Nuffield Foundation Grant for Organic Chemistry		6,500	
Rockefeller Foundation Grant for Organic Chemistry		6,705	
Motors Ltd. — Donation for Economics Department		1,975	
J. M. Black—Botany Department		100	
Clarence River Basin Exploration Co. N.L.		300	
Electronic Organ—Bonython Hall		2,350	
H.M. Government of S.A. Grant for Equipment		1,345	
Special Grant for Equipment—Chemistry Department		3,479	
		<hr/>	<hr/>
			90,480
VIII. Donations for Library—			
T. E. Barr Smith Endowment		4,395	
Sir William Mitchell		1,650	
Elizabeth Jackson		1,199	
B.M.A. Library Donations		7,345	
A. M. Simpson Library		911	
Kate Helen Weston Library		12	
S.A. Tuberculosis Association Donation		533	
Herbert Shorney Memorial Library		119	
		<hr/>	<hr/>
			16,164

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£
IX. Endowments—General—		
Peter Waite Endowment	99,131	
W. D. Griggs Estate—Endowment	18,304	
Elizabeth MacMeikan	18,872	
Hugh Hughes	36,004	
Ranson Mortlock Trust	15,000	
Lily Waite Endowment	10,000	
James Waite Endowment	1,000	
Various Benefactors	2,605	
W. H. Sandland Endowment	17,353	
Premiums on Conversion of Stock	1,678	
Mrs. D. Mortlock	10,104	
	<u>230,051</u>	
X. 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>	
XI. Donations—		
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 Insectory	1,170	
Rural Credit Development Fund—Grant for Equipment (Proteins and Fodder Research)	10,000	
	<u>30,970</u>	
XII. Unexpended Balances—		
Lily Waite Estate—Income A/c	1,183	
C.S.I.R.O. Wool Research Fund	2,633	
George Aitken Pastoral Research Trust	520	
I.C.I.A.N.Z. Grant for Research	187	
Rural Credit Development Fund—Grant for Research in Proteins, Fodder and Pastures	3,053	
Victorian Department of Agriculture Grant for Brown Rot	313	
	<u>7,889</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

ASSETS

NORTH TERRACE

	£	£	£
XIII. Commonwealth Inscribed Stock at par—			
Aust. Consolidated Stock—3¼%—15/9/59		10,000	
Aust. Consolidated Stock—3¼%—15/10/60		17,810	
Aust. Consolidated Stock—3¼%—15/10/60		84,600	
Aust. Consolidated Stock—3¼%—15/9/61		9,740	
Aust. Consolidated Stock—3¼%—15/10/58		400	
Aust. Consolidated Stock—3¼%—15/9/59		40,000	
Aust. Consolidated Stock—3¼%—15/9/60		4,500	
Aust. Consolidated Stock—3¼%—15/9/60		40,000	
Aust. Consolidated Stock—3¼%—15/9/62		10,000	
Aust. Consolidated Stock—3¼%—15/10/63		213,260	
		<u>430,310</u>	
E. C. Hoare Bequest:			
Aust. Consolidated Stock—4½%—15/11/68		200	
		<u>430,510</u>	
Less Transfer to Investment of Reserves	142,661		
Transfer to Waite Institute	59,534		
	<u>202,195</u>		
			<u>228,315</u>
XIV. Share and Stock Investments—			
Share Investments		209,418	
E. C. Hoare Bequest—Shares		3,984	
Investment on Deposit		48,000	
Investment on Deposit		10,000	
S.A. Gas Co. Bonds (Gwendolyn Michell Foundation)		50,000	
S.A. Gas Co. Bonds (Rutter Jewell-Thomas Gift)		500	
Cellulose Aust. Ltd. (T. E. Barr Smith Travelling Scholarship)		13,875	
Finance Corporation of Australia Ltd. (Athol Lykke Fund)		1,860	
Gwendolyn Michell (Shares in Companies)		25,327	
S.A. Gas Co. Stock (Weimar-Ohlstrom Prizes)		300	
Electricity Trust of S.A. (A. Grenfell Price Prize)		110	
Electricity Trust of S.A. (Sewell Myers Bequest)		20,000	
S.A. Gas Co. Bond (Charles Fenner Prize)		100	
		<u>383,474</u>	
XV. University Site—			
University Site—Nominal Value		5,000	
Improvements to Site—			
Expended on Fences	1,650		
Expended on Frome Road Gates	876		
	<u>2,526</u>		
Expended on Planting Escarpment		4,250	
		<u>11,776</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
XVI. University Buildings—		
Bonython Hall	51,003	
Bar Smith Library—Building	33,214	
Barr Smith Library—Furn. and Fittings	5,936	
Administration Building	64,214	
Physics Building	56,418	
Physics Building Annex—Furniture and Fittings	171	
Glasshouse—Department of Genetics	2,216	
Staff Club Building	8,596	
Vice-Chancellor's House	4,876	
Staff Common Room	1,748	
Prince of Wales Building	16,706	
Elder Conservatorium Building	21,743	
Darling Building	40,527	
Observatory Building	7,500	
The Jarrah Building	3,678	
Refectory Building	15,433	
Refectory Building—Furniture	2,594	
George Murray Building	11,543	
Lady Symon Building	9,500	
Johnson Chemistry Building	22,191	
Johnson Chemistry Building — Furniture and Fittings	6,684	
Animal Culture House — Darling Building	934	
Caretaker's Lodge	1,846	
Medical Building—Alterations and Addi- tions	70,940	
Health Centre	1,836	
Oil Store	615	
Stores Building	186	
Physical Education Projection Room	1,059	
Benham Laboratories	39,549	
Benham Laboratories—Furniture and Fit- tings	385	
	<u>503,841</u>	
XVII. Other Land and Buildings—		
Globe Chambers—Victoria Square	18,420	
Waymouth Street Property	12,000	
Landed Estate—Northern Territory	159	
	<u>30,579</u>	
XVIII. Advances on Mortgages—		
34 Advances	<u>82,806</u>	
XIX. Trust Funds Held by Trustees:		
<i>Trust Funds—</i>		
Edward Neale Trust Fund	28,917	
Rosye F. Mortlock Trust Fund	5,086	
	<u>34,003</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
XX. Commonwealth Reconstruction Training Scheme:		
<i>Buildings—</i>		
Physics Building Annexe	7,846	
Physics Building Alterations	6,551	
Chemistry Building Extension	11,458	
Mathematics Building	32,497	
Mechanical Engineering Building	50,832	
Main Engineering Building	125,787	
Engineering Building, Mezzanine Floor	908	
Medical Building	252,761	
Mawson Laboratories	125,813	
Mawson Laboratories Alterations C.S.I.R.O. (Division of Soils)	1,481	
Darling Building Alterations	26,252	
	<u>642,186</u>	
XXI. C.R.T.S. Equipment—		
Physics	5,949	
Chemistry	5,664	
Geology	2,793	
Botany	2,265	
Civil Engineering	13,833	
Mechanical Engineering	12,139	
Mechanical Engineering (Special Services)	11	
Electrical Engineering	16,550	
Electrical Engineering (Special Services)	399	
Mining, Metallurgical & Chemical Engrg.	4,982	
Anatomy	2,925	
Physiology	2,010	
Pathology	1,284	
Zoology	371	
Biochemistry	1,091	
Bacteriology	2,021	
Dentistry	70	
	<u>74,357</u>	
XXII. Investment Properties and Improvements—		
Nos. 119-120 Mackinnon Parade, North Adelaide		
Nos. 14-16 Mackinnon Parade, North Adelaide		
Nos. 164-165 Mackinnon Parade, and 15 Finnis Court, 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. 11 Barker Avenue, Flinders Park		
Gilberton Property		
Gilberton Property—Furniture		
Bishop Avenue, Somerton Park		
No. 35 Dee Street, Woodville South		
No. 105 Mackinnon Parade, North Adelaide		
Nos. 116-117 Mackinnon Parade, North Adelaide		
No. 125 Mackinnon Parade, North Adelaide		
No. 109 Mackinnon Parade, North Adelaide		
Total		<u>53,647</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
XXIII. <i>Current Balances—Cash Debtors, etc.—</i>			
Treasury of South Australia—Current A/c			<u>131,919</u>
Agent-General for S.A., London		3,290	
Petty Cash		50	
<i>Materials in Workshops—</i>			
Carpenters' Workshop	1,439		
Electrical Maintenance Workshop	386		
Instrument and Mechanical Maintenance Workshop	153		
Photographic Services	70		
Electronic Workshop	62		
	<hr/>	2,110	
Stores Account		310	
Dental Cabinets		40	
<i>Sundry Debit Balances—</i>			
Pharmaceutical Society of S.A.—Pharmacy Laboratory		30	
Book Account		28	
Sir Douglas Mawson Anniversary Volume		563	
Allied Works Council		3	
Outstanding Workshop Accounts		316	
Fulbright Scholar—Zoology Dept.		7	
Sundry Accounts		4,602	
Union Salaries and Wages		157	
"Paradise of Dissent"		1,199	
Lawrence Matrix		153	
National Music Camp Association		13	
Clement Q. Williams Memorial Fund		7	
<i>Scholarship Debit Balances—</i>			
Lister Prize	1		
Sir Robert Chapman Prize	21		
The Cable Makers' Association Prize	11		
B.M.A. (Clinical Medicine) Prize	6		
St. Alban Scholarship	20		
Elder Prize	10		
Way College Prize	6		
Annie Montgomerie Martin Prize	11		
S.A. Chamber of Manufactures Prize No. 1	21		
S.A. Chamber of Manufactures Prize No. 2	30		
Conservatorium Old Scholars' Association Scholarship	14		
Gerard Prize	42		
	<hr/>	193	
Anthropological Research — Mr. T. G. Strehlow		16	
Anti-Cancer Committee Current A/c		441	
Donations for Equipment for Geology		15	
Clinical Medicine Donation Income		959	
Rural Credits Development Fund Grant—			
Animal Ecology Research		93	
Sundry Donations		85	
Sir Douglas Mawson Portrait Fund		8	
Animal Products Research Foundation		507	
Theatre Guild		42	
Departments of Air and Civil Aviation			
Aeromedical Research		76	
Department of External Affairs		165	
		<hr/>	
Carried Forward		15,478	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£	£
Brought Forward		15,478	
<i>International Geophysical Year—</i>			
Installation of Seismograph	102		
Winds Research	480		
Rockets	423		
Moonwatch	304		
		1,309	
E.T.S.A. Grant for Dynamic Network Analyser (Elec. Eng.)		1,379	
Stewarts & Lloyds—Tubular Structures		14	
Contribution towards cost of Union Buildings		6,408	
			24,588
XXIV. <i>Equipment—</i>			
Equipment Expended to 31/12/52		118,640	
Equipment Under £1,000		178,898	
Equipment Over £1,000		30,796	
Equipment—Engineering Testing No. 1 A/c		7,294	
Equipment—Engineering Testing No. 2 A/c		514	
Special, Mining and Metallurgy		23,950	
Special, Grant for Equipment (Chemistry)		3,479	
Napier Birks Room		1,975	
Anti-Oxidants Research Project		11,727	
Animal Culture House (Darling Building)		753	
Special, Electrical Engineering		108	
Special, Geology		2,565	
Clinical Medicine		2,463	
C.S.I.R.O. Grant for Animal Ecology		1,498	
Animal Ecology (Rural Credits Develop- ment Fund)		7,652	
Rockefeller Donation for Organic Chemistry		6,705	
Nuffield Foundation Donation for Organic Chemistry		6,500	
Organ—Elder Conservatorium		2,880	
Herbarium—J. M. Black		100	
Special, Economic Geology		300	
Electronic Organ—Bonython Hall		2,350	
			411,147
XXV. <i>Library Books and Binding—</i>			
Expended to 31/12/49		80,408	
Purchase from H.M. Government of S.A. Funds		96,598	
Carnegie Corporation—Expenditure		5,967	
T. E. Barr Smith Endowment for Library		4,395	
Sir William Mitchell Endowment for Library		1,650	
Elizabeth Jackson Endowment for Library		1,199	
B.M.A. Library Expenditure		7,345	
A. M. Simpson for Library		912	
Kate Helen Weston for Library		12	
S.A. Tuberculosis Association Donation for Library		533	
Herbert Shorney Memorial Library		119	
			199,138

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
XXVI. Furniture—		
Furniture—General	31,006	
Furniture Under £1,000	47,097	
Furniture Over £1,000	1,372	
Staff Common Room	2,269	
Electric Light and Power Installation	1,814	
	<u> </u>	<u>83,558</u>
WAITE AGRICULTURAL RESEARCH INSTITUTE		
XXVII. Funds Held by Trustees—		
Peter Waite Trust Fund Investments	59,259	
Elizabeth MacMeikan Trust Fund Investments	18,872	
Hugh Hughes Estate—Trust Fund	36,004	
	<u> </u>	<u>114,135</u>
XXVIII. Land—		
Urrbrae, Claremont and Netherby Estates	42,454	
Alverstoke Estate	12,000	
	<u> </u>	<u>54,454</u>
XXIX. Buildings—		
Plant Pathology House	1,650	
Plant Culture House	850	
Implement Shed and Workshop	1,126	
Cereal Barn	2,015	
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 Prefab. Shed)	1,767	
Prefab. Shed—Building No. 32	503	
Glasshouse No. 6 (Building No. 34)	157	
John Melrose Laboratory	16,744	
John Melrose Laboratory—Fittings	4,186	
	<u> </u>	20,930
John Darling Laboratory	9,812	
John Darling Laboratory—Fittings	2,186	
	<u> </u>	11,998
Ranson Mortlock Laboratory	11,455	
Ranson Mortlock Laboratory—Fittings	3,922	
	<u> </u>	15,377
Waite Institute(South Wing)	21,463	
Waite Institute—South Wing Fittings	4,123	
	<u> </u>	25,586
Glasshouse No. 7	3,800	
Alterations to Urrbrae House	1,863	
	<u> </u>	<u>109,814</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1957.—Continued

	£	£
XXX. Equipment and Furniture—		
Farm Equipment	7,105	
Laboratory Equipment	28,574	
Students' Equipment	2,148	
Farm Improvements	9,308	
Live Stock A/c	1,788	
Equipment Under £1,000	68,185	
Equipment Over £1,000	7,984	
John Mortlock Research Station—Equip- ment	2,268	
Rural Credits Development Fund—Equip- ment	10,000	
Furniture	7,271	
	<u>144,631</u>	
XXXI. Library—		
Purchases from State Funds	16,527	
Library	11,123	
	<u>27,650</u>	
XXXII. Current Balances—Cash Debtors, etc.—		
Petty Cash	50	
Advance Account	50	
Advance Waite Staff Club	30	
C.S.I.R.O.—Soil Investigations	1,214	
Australian Wine Research Board	49	
Barley Improvement Fund	349	
C.S.I.R.O. Grant for Salary (Agricultural Chemistry)	258	
Sheep Account	278	
	<u>2,278</u>	

Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Bacteriology</i>	Commonwealth Department of Health
<i>Biochemistry</i>	Commonwealth Department of Health
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health
<i>Board of Anthropological Research (Australian Linguistics)</i>	Social Sciences Research Council
<i>Physical and Inorganic Chemistry</i>	Monsanto Chemicals
	Australian Atomic Energy Commission
	Rockefeller Foundation
	General Motors-Holden's Postgraduate Fellow- ships
	I.C.I.A.N.Z.
<i>Organic Chemistry</i>	Monsanto Chemicals
	I.C.I.A.N.Z.
	Damon Runyon Memorial Fund for Cancer Research Inc.
	General Motors-Holden's Postgraduate Fellow- ships
<i>Economics</i>	Commonwealth Bank of Australia
<i>Civil Engineering</i>	Stewarts and Lloyds (Australia) Pty. Ltd.
	Sundry Firms
<i>Electrical Engineering</i>	Department of Supply
	Australian Atomic Energy Commission
	C.S.I.R.O. (Electrical Research Board)
	Department of Civil Aviation
	Electricity Trust of S.A.
	I.C.I.A.N.Z.
<i>Mechanical Engineering</i>	Australian Atomic Energy Commission
<i>Mining, Metallurgical and Chemical Engineering</i>	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
<i>English</i>	Commonwealth Literary Fund (Prime Minis- ter's Dept.)
<i>Geology—Economic</i>	Clarence River Basin Oil Exploration Co., N.L.
<i>Medicine</i>	Commonwealth Department of Health
<i>Pathology</i>	Commonwealth Department of Health
<i>Physics</i>	C.S.I.R.O.
	Department of External Affairs (Antarctic Division)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	<i>Estimate</i>	
	1957 £	1958 £
N.H.M.R.C. Grant in aid—Salmonella Reference Laboratory	2,035	2,000
N.H.M.R.C. Grant for Medical Research	1,394	948
N.H.M.R.C. Annual Grant	1,600	1,500
Grant to assist in work on the genealogical records of the Aranda tribe	442	700
Grant for Research on high Polymers	207	—
Grant for Research "Dispersion of Uranium in Molten Sodium"	1,035	2,000
Grant for Research in Biophysical Chemistry	310	1,500
Fellowship and Grant-in-aid	1,112	—
Research Fellowship	—	1,100
Grant for Research on high Polymers	400	400
Research Fellowship	413	—
Grant for project "The Process of Tar Formation"	1,890	2,000
Fellowships and Grants-in-aid	2,423	2,000
Economic and Financial Research Grant	100	—
Research Project on tubular structures	14	2,000
Concrete Research	121	300
Grant for Research in Aerials and Servo-Mechanisms	4,796	6,000
Studentships and Grants for equipment	1,350	1,500
Electrical Research Board Grant for power networks	815	700
Grant in connection with training of Electronic Engineers and for research into particular problems—for three years from 1956	1,759	2,500
Construction of Dynamic A.C. Network Analyser	7,940	8,000
Research Fellowship	—	650
Studentships and Grants for equipment	800	—
Studentships and Grants for equipment	2,383	2,000
Grant for "A study of the factors governing heat transfers to liquids boiling under conditions of high heat flux"	977	1,000
Grant for Lectures on Australian Literature	100	150
Donation for furnishing and equipping small laboratory for advanced students	177	—
N.H.M.R.C. Grant for Medical Research	903	1,298
N.H.M.R.C. Grant for Medical Research	1,504	860
Radio Research Board Grant	3,111	3,000
Ionospheric Winds Research (Mawson)	237	—
Ionospheric Winds Grant	1,348	2,330
Grant for project to measure height ionization profiles by radio techniques	857	1,700
Grant for "Moonwatch" programme in S.A.	304	140
Grant towards Seismology project	102	2,160
Carried Forward	£ 42,959	£ 50,436

20,952

Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Physiology</i>	Department of Trade
	Department of Air and Department of Civil Aviation
<i>Zoology</i>	Commonwealth Department of Health
	C.S.I.R.O.
	C.S.I.R.O. (Sheep and Wool Research Fund)
	Commonwealth Bank Rural Credits Development Fund
	Commonwealth Bank Rural Credits Development Fund
<i>Barr Smith Library</i>	S.A. Tuberculosis Association
<i>Obstetrics</i>	British Medical Association
<i>Medical Research (General)</i>	Sandoz Ltd.
	Commonwealth Department of Health

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1957	<i>Estimate</i>
	1958	
	£	£
Brought Forward	42,959	50,436
Anti-Oxidant Research	7,869	4,000
Aeromedical Research	7,968	6,000
N.H.M.R.C. Grant for Medical Research	2,162	2,314
Grant towards Travelling Expenses re Studies on survival and distribution of Simlimnea and Ecology of Vectors of Myxo- matosis in the Adelaide Hills	187	—
Grant for ecological investigation of Pastures in Mid-North of S.A.	1,985	2,500
Grant to Animal Ecology Research Unit 1957-58	810	500
Grant to assist Research on the ecology of the snail simlimnea	400	—
Grant for books and periodicals dealing with tuberculosis	81	100
Grant for medical books and periodicals and for binding	789	750
Grant for Research in Obstetrics	200	1,000
N.H.M.R.C. Grant to University for Medical Research	1,500	1,500
	<u>£ 66,910</u>	<u>£ 69,100</u>

Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute</i>	Australian Wine Research Institute
	Wool Research Committee
	Imperial Chemical Industries of Australia and N.Z.
	C.S.I.R.O.
	C.S.I.R.O.—Division of Soils
	Commonwealth Bank—Rural Credits Develop- ment Fund
	Barley Improvement Advisory Committee
	George Aitken Pastoral Research Trust
	Victorian Department of Agriculture
	Wheat Industry Research Council

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	<i>Estimate</i>	
	1957 £	1958 £
Reimbursement for Oenological Investigations	724	100
Field trial to study summer nutrition of sheep in Mediterranean environment; and Investigations on pasture cockchafer	8,271	10,290
Grant for investigations in the competitive effects of weeds in crops and pastures £200 p.a. for five years from January, 1956	95	200
Grant for salary of assistant to Professor of Agricultural Chemistry	509	—
Reimbursement of Salaries, Laboratory and general maintenance	15,807	6,000
Grant to assist establishment of a unit to study proteins in pastures and fodder crops—£5,000 p.a. for three years	1,947	5,000
Initial grant includes £10,000 for equipment	10,000	—
Grant for Research into Barley	3,449	5,000
Pastoral Research	434	680
Grant towards expenditure on Brown Rot investigation	—	313
Grant for wheat improvement Research	—	5,000
	<u>£ 41,236</u>	<u>£ 32,583</u>

SUMMARY

NORTH TERRACE	66,910	69,100
WAITE INSTITUTE	41,236	32,583
Total Grants from outside sources	<u>£ 108,146</u>	<u>£ 101,683</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME	£
ANTI-CANCER COMMITTEE—	
Balance Unexpended at 1/1/57	265
Annual Grant by H.M. Government of S.A.	5,000
Income from Neale Endowment	750
Income from R. F. Mortlock Endowment	191
Income from E. F. Hem Endowment	31
Income from C. V. Crocombe Endowment	118
Income from R. T. Melrose Endowment	73
Income from J. Grinberg Endowment	3
Income from H. L. Heuzenroeder Endowment	90
Income from Hoare Estate	281
Income from M. August Endowment	58
Income from Emma Jeffress Endowment	16
Income from Ruby Chambers Endowment	15
Interest—Lord Mayor's Fund	1,563
Interest on Sundry Endowments (£3,216) and Lord Mayor's Fund Current Account	469
Donations	837
Sale of Radon	364
Sale of Books (Dosage Estimation)	323
Deficit, 1957	305
	£ 10,752
ADULT EDUCATION—	
Grant by H.M. Government of S.A.	9,000
Sundry Income	896
	£ 9,896
	ACCUMULATED
Credit Balance Brought Forward 1/1/57	1,359
Surplus—1957	84
	£ 1,443
PUBLIC EXAMINATIONS BOARD—	
Balance 1st January, 1957	6,376
Fees received for year 1957	28,736
Sundry Income	976
	£ 36,088

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1957.

EXPENDITURE

	£
ANTI-CANCER COMMITTEE—	
Salaries	9,382
Payroll Tax and Insurance	233
Radon Department	44
Equipment	144
Library	245
Sundries	430
Linear Accelerator Maintenance A/c	4
Anti-Cancer Publicity Campaign	270

£ 10,752

ADULT EDUCATION—	
Administrative Salaries	3,763
Honoraria—Tutors and Lecturers	4,393
Payroll Tax and Insurance	204
Directors' Travelling Expenses	146
Tutors' Travelling Expenses	234
Printing and Programmes	173
Advertising	77
Library	156
Administration Expenses	168
Summer School Expenses	421
Miscellaneous Expenditure	77
Surplus—1957	84

£ 9,896

INCOME ACCOUNT

Purchase of Director's Car	944
Balance Carried Forward	499

£ 1,443

PUBLIC EXAMINATIONS BOARD—

Salaries	6,682
Examiners, Supervisors and Local Secretaries	10,295
Printing and Stationery	4,841
Furniture	2,839
Hire of Halls	242
Postage and Petty Cash	126
Sundries	237
	18,580
Administration Charges	2,155
Balance 31st December, 1957	8,671

£ 36,088

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME		£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—		
Balance 1st January, 1957		10,596
Fees received for year 1957		7,163
		£ 17,759
 UNION FEES—		
Fees received for year		28,111
		£ 28,111
 HOSPITAL FEES—		
Royal Adelaide Hospital—Honorary Staff		3,495
Director-General of Medical Services		1,521
Queen Victoria and Queen Elizabeth Hospitals		1,496
Adelaide Children's Hospital		60
Adelaide Children's Hospital—Honorary Staff		230
Dental Hospital		357
		£ 7,159
 EDWARD NEALE TRUST FUND—		
Income for the year 1957		£ 750
 RESIDENTIAL COLLEGES—		
Commonwealth Grant through H.M. Government of S.A.		5,200
		£ 5,200

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1957.—Continued.

EXPENDITURE

	£
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Pianos (6)	5,086
Clerical Expenses	849
Printing and Stationery	169
Examiners and Supervisors Fees and Travelling Expenses	2,237
Sundries	500
Scholarships and Prizes	252
Organist	50
A.M.E.B. Adjustments	75
Administration Charges	537
Balance 31st December, 1957	8,004
	<u>£ 17,759</u>
UNION FEES—	
Balance 1st January, 1957 (Advance payments in 1956 of Fees for 1957)	1,996
Refunded to Students	377
Paid to Union Council	25,733
Balance 31st December, 1957	5
	<u>£ 28,111</u>
HOSPITAL FEES—	
Royal Adelaide Hospital—Honorary Staff	3,495
Director-General of Medical Services	1,521
Queen Victoria Maternity Hospital	827
Queen Elizabeth Maternity Hospital	675
	<u>1,502</u>
Less paid account 1956 Fees	209
	<u>1,293</u>
Balance (paid to Hospital in 1958)	203
	<u>1,496</u>
Adelaide Children's Hospital	60
Adelaide Children's Hospital—Honorary Staff	230
Dental Hospital	357
	<u>£ 7,159</u>
EDWARD NEALE TRUST FUND—	
Transferred to Anti-Cancer Fund, 1957	<u>£ 750</u>
RESIDENTIAL COLLEGES—	
St. Mark's College	1,567
St. Ann's College	1,211
Lincoln College	1,211
Aquinas College	1,211
	<u>£ 5,200</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

	£
MEDICAL RESEARCH COMMITTEE, 1957—	
N.H.M.R.C. Grant	1,500
Sheridan Income A/c	2,953
Sewell Myers Income A/c	713
G. M. Dowling Income A/c	2,593
J. T. Mortlock Income A/c	810
Centrifuge transferred to Waite Institute	1,600

£10,169

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1957.—Continued.

EXPENDITURE		£
MEDICAL RESEARCH COMMITTEE, 1957—		
Salaries, Payroll Tax and Insurance	.....	1,287
Departmental Expenditure—Physiology	.....	1,407
Pathology	.....	1,402
Dentistry	.....	105
Medicine	.....	657
Bacteriology	.....	3,099
Biochemistry	.....	363
Anatomy	.....	1,100
Obstetrics	.....	45
Agricultural Chemistry	.....	4
Grant to Australian Journal of Experimental Biology and Medical Science	.....	200
Part repayment of cost Electron Microscope	.....	500
		£ 10,169

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1958

PART IV

1. Regulations—

Degree of Bachelor of Arts - - - - -	503
Associate in Arts and Education - - - - -	511
Diploma in Education - - - - -	511
Degree of Master of Arts - - - - -	513
Degree of Doctor of Letters - - - - -	515
Degree of Bachelor of Economics - - - - -	516
Degree of Master of Economics - - - - -	520
Degree of Bachelor of Science - - - - -	521
Degree of Master of Science - - - - -	527
Degree of Doctor of Science - - - - -	529
Degree of Bachelor of Agricultural Science - - - - -	530
Degree of Master of Agricultural Science - - - - -	534
Degree of Bachelor of Engineering - - - - -	536
Degree of Master of Engineering - - - - -	539
Degree of Bachelor of Laws - - - - -	548
Degree of Master of Laws - - - - -	557
Degree of Doctor of Laws - - - - -	557
Degrees of Bachelor of Medicine and Bachelor of Surgery -	558
Degree of Bachelor of Medical Science - - - - -	566
Degree of Doctor of Medicine - - - - -	567
Degree of Master of Surgery - - - - -	568
Degree of Bachelor of Dental Surgery - - - - -	571
Degree of Master of Dental Surgery - - - - -	575
Degree of Doctor of Dental Science - - - - -	577
Diploma of Associate in Music - - - - -	578
Fellowship of the Elder Conservatorium of Music - - - - -	582
Degree of Bachelor of Music - - - - -	583
Degree of Doctor of Music - - - - -	587
Diploma in Public Administration - - - - -	588
Diploma in Pharmacy - - - - -	590
Diploma in Physical Education - - - - -	591
Diploma in Social Studies - - - - -	593
Diploma in Physiotherapy - - - - -	595
Degree of Doctor of Philosophy - - - - -	597
Notes to candidates for higher degrees - - - - -	599
Degree of Bachelor of Technology - - - - -	600
Degree of Bachelor of Architecture - - - - -	609

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 (2), and III (3);
Latin I (5), II (6), and III (7);
Comparative Philology (9);
French I (31), II (32), and III (33);
German I (41), II (42), and III (43);
English Language and Literature IA (20), I (21), II (22),
and III (23);
Social History (51);
History I (52), IIA (54), IIB (55), and III (56);
Politics I (61), II (62), IIIA (63), and IIIB (64);
Economics I (151), II (152), and III (153);
Social Economics (150);
Geography I (91), II (92), and III (93);
Economic Geography (95);
Philosophy I (71), IIA (72), IIB (73), IIIA (74), IIIB (75);
Psychology IA (80), I (81), IIA (82), IIB (83), IIIA (84), and
IIIB (85);
Education (101);
Pure Mathematics I (201), II (203), and III (205);
Statistical Methods (213), and Mathematical Statistics (214);
Music I (121), II (123), and III (125).

Science Subjects:

Applied Mathematics I (207), II (209), and III (211);
Physics I (221) and II (222);
Chemistry I (231) and II (233 or 236) (Inorganic or
Organic);
Botany I (261) and II (262);
Zoology I (271) and II (274);
Geology I (251) and II (252);
Biology (269).

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.

*Allowed 22nd January, 1953; amended 11th November, 1954, 25th August, 1955, and 22nd December, 1955, 20th December, 1956; further amendments awaiting allowance at time of printing.

Subjects 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:

Social Psychology (841);
Sociology (839);
Social Biology A (833).

3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (11),
- (b) English Language and Literature (28),
- (c) French Language and Literature (38),
- †(d) History (58),
- (e) Economics (158),
- (f) Geography (98),
- (g) Philosophy (78),
- (h) Mathematics (218),
- * (i) German Language and Literature (47),
- †(j) Politics (68),
- ** (k) Psychology (86),

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. 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.

* Allowed 11th November, 1954.

† Allowed 25th August, 1955.

‡ Allowed 22nd December, 1955.

**Awaiting allowance at time of printing.

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. 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 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.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form, such entry to be subject to approval by the Faculty.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

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.

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, either before or in 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 Language and Literature I.

(b) For the Honours degree in English Language and Literature:
There shall be alternative schemes of study: A and B.

Scheme A:

English Language and Literature I, II and III;
Old and Middle English I and II;
Two additional courses, including at least one course in a language other than English.

Scheme B:

English Language and Literature I, II and III;
A sequence of three courses in another subject approved by the Faculty;
Two additional courses.
Course I in a language other than English must be presented as one of the five elective courses.

(c) For the Honours degree in French Language and Literature:
French I, II and III;
Old and Middle French I and II;

Latin I and II, or Greek I and II, or German I and II, or English Language and Literature I and II, or History I and II (A or B), or Politics I and II, or Philosophy I and II (A or B);

Course III in the subject already chosen from the foregoing list, or Course I in another subject in that list. Comparative Philology may take the place of Course III in a language other than English. Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.

(d) For the Honours degree in History:

History I, History II (A or B);

History II (A or B), and III;

An examination in a language other than English approved by the Faculty.

Five other courses, preferably including either (a) Social Economics or Economics I and History II (A or B); or (b) a third-year course in another Department.

(e) For the Honours degree in Economics:

Economics I, II and III;

History IIB;

Economic Statistics I;

Three other courses;

An examination in a language other than English approved by the Faculty.

(f) For the Honours degree in Geography:

Geography I, II and III;

Course I of any Science subject specified in Regulation 2, except Applied Mathematics;

Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate who wishes to present Geology II may do so in lieu of Course III in this subject;

Course I in a language other than English.

(g) For the Honours degree in Philosophy:

Philosophy I, IIA, IIB, IIIA and IIIB;

Courses I and II in another subject for the Ordinary degree;

One additional course.

Course I in a language other than English must be presented as one of the three elective courses.

(h) For the Honours degree in Mathematics:

The first-year and second-year Honours courses in Pure Mathematics;

Applied Mathematics I and II and Statistical Methods;

Two additional courses not included in the Science subjects, and such other courses as may be prescribed, with the concurrence of the Faculty, by the Professor of Mathematics.

- (i) For the Honours degree in German:
 German I, II and III;
 Interim Honours German I and II;
 Latin I and II, or Greek I and II, or French I and II, or History I and II (*A or B*), or Politics I and II, or English Language and Literature I and II, or Philosophy I and II (*A or B*).
 Course III in the subject already chosen from the foregoing list, or Course I in another subject in that list.
 Comparative Philology may take the place of Course III in a language other than English.
- (j) For the Honours degree in Politics:
 Politics I, II, IIIA and IIIB;
 History II (*A or B*);
 Social Economics or Economics I;
 Two other courses;
 An examination in a language other than English approved by the Faculty.
- (k) 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.
 Course I in a language other than English must be presented as one of the three 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.

SCHEDULE II: THE ORDINARY DEGREE

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, French I, German I, English I or IA, Social History, History I, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I or IA, Pure Mathematics I, Applied Mathematics I, 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 I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I	→ History II (A or B)	→ History III → Politics IIIB
7. Politics I	→ Politics II	→ Politics IIIA → Politics IIIB
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy IIA → Philosophy IIB	→ Philosophy IIIA → Philosophy IIIB
11. Psychology I	→ Psychology IIA or IIB	→ Psychology IIIA or IIIB
12. Pure Mathematics I	→ Pure Mathematics II → Statistical Methods	→ Pure Mathematics III → Mathematical Statistics
*13 Applied Mathematics I	→ Applied Mathematics II	→ Applied Mathematics III
14. 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 or IA	→ Social Psychology	→ Sociology
2. Social History	→ History IIA	→ History III
3. Social Economics or Economics I	→ History IIB	→ History III

*N.B. Candidates should note that Pure Mathematics I is pre-requisite for Applied Mathematics II, and that both Applied Mathematics II and Pure Mathematics II are pre-requisite for Applied Mathematics III.

No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

English I and English IA;
Economics I and Social Economics;
Geography I and Economic Geography;
Psychology I and Psychology IA.

A candidate who has qualified for the Diploma in Social Science or the Diploma in Social Studies may present Social Biology A in lieu of the first-year course in a Science subject required for the degree.

SCHEDULE III: 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 - - - - | £10 10 0 |
| (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures | 5 5 0 |
| (3) 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 Interim Honours course - - - | 10 10 0 |
| (3) For instruction and final examination in the following schools: | |
| Classics - - - - - | 42 0 0 |
| Politics - - - - - | 42 0 0 |
| History - - - - - | 42 0 0 |
| Philosophy - - - - - | 42 0 0 |
| Mathematics - - - - - | 52 10 0 |
| English Language and Literature: | |
| Under Scheme A - - - - - | 52 10 0 |
| Under Scheme B - - - - - | 42 0 0 |
| French Language and Literature - - | 42 0 0 |
| Economics - - - - - | 42 0 0 |
| Geography - - - - - | 42 0 0 |
| German - - - - - | 42 0 0 |
| Psychology - - - - - | 52 10 0 |

Notes: 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.

ASSOCIATE IN ARTS AND EDUCATION
REGULATIONS

*1. To qualify as an Associate in Arts and Education' a candidate shall—

- (a) hold the Leaving Certificate, including a pass in English, or have passed in five subjects including English at the Leaving Examination, or possess an equivalent qualification approved by the Council; and thereafter
- ‡(b) attend lectures regularly and pass examinations in English IA or I, Psychology IA or I, Education and three other of the subjects set out in Regulation 2 of the degree of Bachelor of Arts.

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) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

- (i) that he complete the requirements for matriculation before taking any further subject towards the degree; and
- (ii) that he surrender his diploma before being admitted to the degree.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

* Amended 16th December, 1948 † Allowed 16th December, 1948.

‡ Amendment awaiting allowance at time of printing.
Allowed 10th July, 1947.

OF THE DIPLOMA IN EDUCATION
REGULATIONS

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 Language and Literature 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.

*3. To obtain the diploma a candidate shall have attended lectures and passed examinations in the following subjects:

- (a) Psychology IA (80) 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; amendment awaiting allowance at time of printing;
‡ 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 - - - - -		£5 5 0
(2) In Educational Psychology, Parts I and II— each part - - - - -		5 5 0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II and III —each part - - - - -		5 5 0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -		2 12 6
C. For the course in Practical Teaching - - - - -		5 5 0
D. 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.

*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.

* Allowed 14th December, 1944.

§ Amended 14th December, 1950.

‡ 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. An approved copy of each thesis accepted for the degree shall be deposited by the candidate in the University library before he is admitted to the degree.

**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 30th November, 1933.

‡ Allowed 11th November, 1954.

** Allowed 18th October, 1956. • Allowed 17th December, 1931.

Allowed 10th December, 1930.

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.	-	-	-	-	-	-	-	£21	0	0
(2) For guidance without instruction	-	-	-	-	-	-	-	10	10	0

B. Under Regulation 3:

On approval of the subject of the thesis or on beginning the course of study	-	-	-	-	-	-	-	10	10	0
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C. On submission or re-submission of the thesis	-	-	-	-	-	-	-	10	10	0
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D. On admission to the degree	-	-	-	-	-	-	-	10	10	0
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**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. Four copies of the work submitted for the degree shall be forwarded to the Registrar, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

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 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 examinations 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.

* Allowed 22nd December, 1955.

*9. The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

11. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

12. A candidate who has twice failed to pass the annual examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who has failed to comply with the provisions of Regulation 9 shall be deemed to have failed to pass the examination.

13. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Economics, may, on written application, be granted such exemption from the requirements of these regulations as the Council may determine.

14. Not more than four subjects which have been presented for any other degree or for any diploma other than the diploma in Commerce or the diploma in Public Administration may be counted towards the degree of Bachelor of Economics.

A candidate who holds the Diploma in Commerce or the Diploma in Public Administration 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.

*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 and shall be published in the next University calendar which is issued after that approval has been given.

17. A candidate who by December, 1951, had matriculated and passed in at least four subjects in the course for the degree of Bachelor of Economics under the regulations hereby repealed may complete the course for the degree under those regulations provided that he does so not later than December 31, 1956.

Allowed 17th January, 1952.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 2 AND 16

SCHEDULE I—THE ORDINARY DEGREE

1. The subjects for the Ordinary degree shall be:

Economics I, II, III;
Economic Statistics I, II;
Economic Development;
Economic Geography;
Economic History (History IIB);
Elements of Accounting, Management Accounting, Financial Accounting, Cost 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 (Commercial Studies):

Economics I, II, III;
Economic Statistics I;
Economic Geography;
Economic History;
Elements of Accounting, Management Accounting, Financial Accounting;
Commercial Law A;
Commercial Law B, or Cost Accounting (or in special cases,* by approval of the Dean, another subject).

Scheme B (General Economics):

Economics I, II, III;
Economic Statistics I;
Economic Development;

* 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.

Economic History;
 Elements of Accounting;
 Economic Geography;
 Three other subjects, approved by the Dean, provided that not more than two shall be first year subjects and that no candidate may present both Economic Geography and Geography I.

3. A graduate in another Faculty of the University of Adelaide 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, and Financial Accounting;

Under Scheme B: from the "three other subjects".

If such exemption is granted the candidate may not present for the degree of Bachelor of Economics more than one other subject already passed in any other Faculty.

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 1957 may continue under the Schedules of 1956, 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.

SCHEDULE II—THE HONOURS DEGREE

1. A candidate for the Honours degree shall:

(a) pass in ten subjects prescribed for the Ordinary degree. There shall be alternative schemes of study as follows:

Scheme A:

Economics I, II, III;
 Economic Statistics I;
 Economic Development;
 Economic Geography;
 Economic History;
 Elements of Accounting, Management Accounting;
 Commercial Law A (or in special cases,* by approval of the Dean, another subject).

Scheme B:

Economics I, II, III;
 Economic Statistics I;
 Economic Development;
 Economic History;
 Elements of Accounting;
 Economic Geography
 Two other subjects approved by the Dean.

* See footnote on preceding page.

- (b) undertake in the first three years such preliminary Honours 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 1957 may continue under the Schedules of 1956, 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.

** 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 - - - - - £10 10 0
- (3) For a special examination in any subject or for an annual examination with exemption from attendance (or re-attendance) at lectures - - - - - 5 5 0

B. For the Honours work and final Honours examination in Economics - - - - - 42 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. An approved copy of each thesis accepted for the degree shall be deposited by the candidate in the University library before he is admitted to the degree.

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 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 - - - - - £21 0 0

(2) For guidance without instruction - - - - - 10 10 0

B. On approval of the subject of the thesis - - - - - 10 10 0

C. On submission or re-submission of the thesis - - - - - 10 10 0

D. On admission to the degree - - - - - 10 10 0

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 subjects of study for the Ordinary degree shall be as follows:

• Allowed 22nd January, 1953; amended 11th November, 1954, 22nd December, 1955, and 20th December, 1956.

Group A: Pure Mathematics I (201), Applied Mathematics I (207), Physics I (221), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (269).

Group B: Pure Mathematics II (203), Applied Mathematics II (209), Statistical Methods (213), Physics II (222), Physical and Inorganic Chemistry II (233 or 235), Organic Chemistry II (236), Geology II (252), Botany II (262), Zoology II (274), Biochemistry I (281), Bacteriology I (291), Genetics I (296), Histology (301).

Group C: Pure Mathematics III (205), Applied Mathematics III (211), Mathematical Statistics (214), Physics III (224), Physical and Inorganic Chemistry III (237), Organic Chemistry III (239), Geology III (254), Botany III (265), Zoology III (275), Genetics II (297), Bacteriology II (292), Physiology (286), Biochemistry II (282).

Group D: Soil Science IA (245), Economics (156), Palaeontology (257), Agriculture I (361), Botany IIA (263), Scientific German (49).

†3. A candidate for the Ordinary degree shall, unless exempted therefrom, attend regularly courses of lectures and practical work and pass examinations in:

(a) four subjects, including Physics I and Chemistry I, 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;

provided that:

(1) a candidate who presents either Botany I or Zoology I may not present Biology also from Group A;

(2) if both Organic Chemistry II and Biochemistry I are submitted from Group B they must be accompanied by a third subject also from Group B;

(3) a candidate who desires to obtain the degree of Bachelor of Science in Forestry shall comply with Regulation 4;

* (4) (Repealed);

‡(5) a candidate who presents Geology III as one of his subjects from Group C may also present *either* (a) Palaeontology in lieu of a third subject from Group B if he submits one of Genetics II, Botany III and Zoology III as his second subject from Group C, *or* (b) Palaeontology and one of Genetics I, Botany II and Zoology II in lieu of a second subject from Group C, provided that Genetics I, Botany II or Zoology II (as the case may be) be not counted as a subject from Group B;

(6) a candidate who wishes to present Applied Mathematics I as one of his subjects from Group A must present Applied Mathematics II as one of his subjects from Group B;

† Allowed 22nd January, 1953.

* Allowed 22nd December, 1955.

‡ Allowed 20th December, 1956.

- ‡(7) subject to the approval of the Faculty in each case one of the following combinations of subjects may be submitted in lieu of a subject from Group C, provided that no section of the composite subject be counted as part of the requirements from Group B, namely:
- (a) Soil Science IA, the stratigraphical section of Geology II and the climatological section of Geography III;
 - (b) Soil Science IA, Agriculture I and the plant physiology, plant geography and plant ecology sections of Botany II;
 - (c) Soil Science IA or Agriculture I together with any subject from Group B;
- ‡(8) 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;
- (9) subject to the approval of the Faculty in each case the sections of Pure Mathematics III and Physics III required of candidates for the Honours Degree in the School of Mathematical Physics may be counted in lieu of one subject from Group C, provided that Applied Mathematics III be the other subject presented from that Group.

*4. A candidate for the Ordinary degree of Bachelor of Science in Forestry—

- (a) shall complete the following subjects:
From Group A: Physics I, Chemistry I, Botany I, Pure Mathematics I, Geology I;
From Groups B and D: Botany IIA, Economics and Soil Science IA. One other subject from Group B may be substituted for Soil Science IA if special permission is granted by the Faculty;
- (b) shall 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) shall subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus approved by the Council of the University;
- (d) shall present evidence to the satisfaction of the Council (a) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (b) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purpose of this Regulation the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

*Allowed 22nd January, 1953, amended 11th November, 1954, and 20th December, 1956.

‡Amended 20th December, 1956; further amendment awaiting allowance at time of printing.

*5. 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 completed the pre-requisite subjects as prescribed in the syllabus for that subject.

*6. The Honours degree may be obtained in one of the following schools: (a) Mathematics, (b) Physics, (c) Chemistry, (d) Geology, (e) Botany, (f) Zoology, (g) Biochemistry, (h) Physiology, (j) Anatomy, (k) Genetics, (l) Mathematical Physics, (m) Bacteriology.

A candidate for the Honours degree shall regularly attend lectures and practical work and shall pass examinations in one of the following subjects: (a) Mathematics (218), (b) Physics (226), (c) Chemistry (241 or 343), (d) Geology (258), (e) Botany (267), (f) Zoology (278), (g) Biochemistry (284), (h) Physiology (288), (j) Anatomy (303), (k) Genetics (298), (l) Mathematical Physics (229), (m) Bacteriology (295).

Except in the case of a candidate proceeding to the Honours degree in Mathematics or Anatomy, a candidate for the Honours degree in any subject shall not begin the final year's Honours work in that subject until he has qualified for the Ordinary Degree of Bachelor of Science and has included in his qualifications all the courses in that subject prescribed for the Ordinary degree.

Except by permission of the Faculty of Science and subject to such conditions as the Faculty may prescribe, a candidate for the Honours degree in Mathematics or Anatomy shall not begin the final year's work in that subject until he has completed:

- (a) four subjects including Physics I and Chemistry I from Group A; and
- (b) such preliminary work in other subjects as the Faculty of Science shall determine.

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
 - Division A
 - Division B.

7. All 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 before the end of the second term may be held at any convenient time 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.

* Allowed 22nd January, 1953, and amended 25th August, 1955.

‡Allowed 20th December, 1956.

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.

† 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.

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 Science.

Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

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.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form.

For the purpose of this regulation a candidate who fails to receive 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 candidate may be excused attendance at lectures on any subject in which he desires to be examined, but only upon grounds approved by the Council.

10. No graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics can obtain the Honours degree of Bachelor of Science in that subject.

11. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Science, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

* Graduates in other Faculties who wish to proceed to the degree of Bachelor of Science and to count towards that degree subjects

* Allowed 11th November, 1954.

† Allowed 22nd December, 1955.

which have been presented for any other degree, shall comply with the following conditions:

- (a) The candidate shall fulfil all the requirements for the degree of Bachelor of Science;
- (b) The candidate shall, to the satisfaction of the Faculty, take at least a further year's work in order to qualify for the degree.

12. 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 Science and be submitted to and approved by the Council.

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.

Allowed 23rd January, 1947.

Schedule of Fees prescribed by the Council under Regulation 12

A. For the Ordinary Degree:

	Lectures	Practical Work
(1) Pure Mathematics I, II and III, Applied Mathematics I, II and III, Statistical Methods, Mathematical Statistics, and First and Second-year Honours courses in Mathematics - - - - each	£10 10 0	
(2) Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology each	10 10 0	£9 9 0
(3) Physics II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Geology II, Botany II, Zoology II, Bacteriology I, and Genetics I - - - each	10 10 0	15 15 0
(4) Physics III, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II and Genetics II - - - - each	£10 10 0	£26 5 0
(5) Special Subjects:		
Economics (for Forestry students)	10 10 0	
Soil Science IA - - - -	10 10 0	9 9 0
Palaeontology - - - -	10 10 0	9 9 0

	Lectures	Practical Work
Botany IIA - - - -	12 12 0	18 18 0
Histology (inclusive fee) - -	10 10 0	
A composite subject in lieu of a subject from Group C (in- clusive fee) - - - -	36 15 0	
Scientific German (for candidates other than Honours students) -	2 2 0	
B. For the Honours Degree of B.Sc.:		
For the Honours work and final examination:		
(1) In Mathematics: as for the Honours degree of B.A.		
(2) In any other subject - - -	52 10 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) - - - - - £5 5 0

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.

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, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) 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, at its discretion 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 having been a full-time member of the academic staff of the University for at least three years has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (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.

* Allowed 14th December, 1944.

† Allowed 17th January, 1952.

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.

*6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

†7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

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.

* Allowed 14th December, 1944.

† Amended 8th December, 1949.

‡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 7th December, 1939.

Schedule of Fees prescribed by the Council under Regulation 10

For work in the laboratory (if required or undertaken)			
each year	-	-	£26 5 0
On submission or re-submission of the thesis	-	-	10 10 0
On entry for any examination required	-	-	10 10 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 work 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 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. Two copies of the work submitted for the degree shall be forwarded to the Registrar at least six months before the date on which

* Allowed 10th January, 1946.

‡ Allowed 10th December, 1936, and amended 10th January, 1946.

the candidate desires to be admitted to the degree, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may on the recommendation of the Faculty of

*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 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 shall spend three academic years at least in courses of study prescribed for the degree.

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.

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:

Physics I (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 (364);
Chemistry II (363);
Geology I (365);
Genetics IA (366).

(b) Third Year:

Agriculture II (371);
Agricultural Botany (378);
Biometry (373);
Soil Science I (379);
Agricultural Chemistry I (372);
Entomology I (374);
Plant Pathology I (377).

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 (382);
Farm Engineering (383);
Farm Demonstrations (398).

(c) Fourth Year:

Agriculture III (387);
Agricultural Economics (386);

and in addition any two of the following subjects as may be nominated by the candidate and approved by the Dean of the Faculty:

Agriculture IV (388);
Animal Husbandry II (389);

Genetics II (390);
Plant Breeding (391);
Soil Science II (392);
Agricultural Chemistry II (393);
Horticulture (394);
Plant Pathology II (395);
Entomology II (396).

3. A candidate who, under Regulation 2, is required to spend three academic years in courses of study prescribed for the degree shall attend the courses of instruction and pass the examinations of the first three years as prescribed under Clauses 1 and 2 above, except that he shall be exempt from attendance at those subjects taken at Roseworthy Agricultural College in the third year of the course. He shall be exempt from the fourth year of the course.

He shall, however, during the third year of his course, be required to undertake a special subject of study, nominated by the candidate and approved by the Dean. The special subject of study shall be one of the optional subjects listed under 2 (c).

4. 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 permitted 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.

5. Practical Experience.

- (a) Candidates will be required to obtain thirty-six weeks' practical agricultural experience.
- (b) Of this period of 36 weeks, at least six weeks (including at least one week of a May and an August vacation) must be spent at Roseworthy Agricultural College.
- (c) 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.
- (d) 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.
- (e) 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.

- (f) 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.

6. Fees.

A. For the Ordinary Degree:

(1) For each year's work, including one annual examination - - - - - £78 15 0

(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - - 5 5 0

Notes: (a) 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 students completing their courses under the 1955 or earlier regulations the cost of the fourth year's work (at Roseworthy Agricultural College) has been increased to £81 4s.

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 - - - - - 52 10 0

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE REGULATIONS

1. The following persons may become candidates for the degree of Master of Agricultural Science—(a) Bachelors of Agricultural Science and (b) other graduates whose academic qualifications are accepted by the Faculty of Agricultural Science as sufficient:

*Provided that, subject to the approval of the Council, the Faculty may, at its discretion 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 having been a full-time member of the academic staff of the University for at least three years 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.

* Allowed 17th January, 1952.

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.

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 shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

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 14th December, 1950.

NOTE.—The attention of intending candidates is drawn to Clause 2B of Chapter XXV of the Statutes.

Schedule of Fees prescribed by the Council under Regulation 10

For work in the laboratory (if required or undertaken)			
each year	-	-	£26 5 0
On presentation or re-presentation of the thesis	-	-	10 10 0
On entry for any examination required	-	-	10 10 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) Metallurgical and Chemical Engineering;
- (c) Electrical Engineering;
- (d) Mechanical Engineering;
- (e) Civil Engineering;
- (f) Architectural Engineering.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

*5. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Council.

** (b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

*Amended 8th December, 1949.

**Allowed 20th December, 1956.

†Awaiting allowance at time of printing.

‡(d) There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

‡ Allowed 22nd December, 1955.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

THE HONOURS DEGREE.

* 13. The Honours degree shall be available in each of the following courses:

- (i) Mining Engineering;
- (ii) Metallurgical and 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.

(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 two classes under each department. 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 1th November, 1954.

†Awaiting allowance at time of printing.
Allowed 11th December, 1947.

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.

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 completing his work a candidate shall lodge with the Registrar three copies of his thesis conforming in style with specifications to be obtained from the Librarian. 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 18th October, 1956.
Allowed 22nd January, 1953.

Schedule of Fees prescribed by the Council under Regulation 7

For work in the laboratory (if required or undertaken)		
each year	- - - - -	£26 5 0
On presentation or re-presentation of the thesis	- - - - -	10 10 0
On entry for any examination required	- - - - -	10 10 0
On admission to the degree	- - - - -	10 10 0

DETAILS OF COURSES AND SCHEDULES PRESCRIBED UNDER REGULATION 2 OF THE DEGREE OF BACHELOR OF ENGINEERING

Abbreviations.—In the column headed "Hours a week" a single figure such as 2, means 2 hours a week throughout the year. A figure with a suffix such as 2², means two hours a week for two terms.

U—University; S.M.—School of Mines.

The courses are divided into years for the guidance of students. Except in the case of Architectural Engineering it is not necessary for a student to take all the subjects of a year's course simultaneously, or to complete all the subjects set out for one year before enrolling for any of the next. But a student who desires to take a third-year subject before completing the first year of his course, or a fourth-year subject before completing the second year, must make application to the Faculty for permission to do so.

All part-time students, and those desiring to take subjects from different years, must submit their proposed course of study to the Assistant to the Dean of the Faculty for approval.

PRACTICAL EXPERIENCE

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.

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.

MEDICAL EXAMINATION

Many employers of engineering graduates require a prospective employee to submit himself to a medical examination, which in some cases is of a very searching character. Students taking engineering courses, more particularly those taking Mining, are advised to undergo a medical and X-ray examination during the early part of their course.

AERONAUTICAL ENGINEERING

The University of Sydney has established a special four-year course in Aeronautical Engineering. Adelaide students who have completed the first two years of the new four-year curriculum, or three years under the new five-year curriculum 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 two years of the new five-year courses 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 two years of the new four-year curriculum, or three years under the new five-year curriculum, 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 two years of the new five-year courses 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

Schedule I: Fees

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 (see Schedule II).
- B. For a special examination (theoretical or practical or both) in any University subject - - - - - 5 5 0

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts are as prescribed by those institutions.

(Note: The cost of field excursions associated with the various subjects is not included in the annual fee.)

Schedule II: Courses of study
DEPARTMENT OF MINING, METALLURGICAL AND
CHEMICAL ENGINEERING

The first year of the courses in Mining Engineering and in Metallurgical and Chemical Engineering has been designed to meet the needs of candidates entering the University upon attaining matriculation status at the Leaving Examination. Candidates who have taken the Leaving Honours Examination may be eligible to undertake additional work; they should therefore consult the Professor and after doing so should submit a formal application in writing to the Registrar.

MINING ENGINEERING

		FIRST YEAR				Fee	
Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	£	s.	d.	
231	Chemistry I, Lectures	3	U.	10	10	0	
	Practical	6	S.M.	9	9	0	
201	Pure Mathematics I, Lectures	3	U.	10	10	0	
	Tutorial	1	U.	10	10	0	
221	Physics I, Lectures	3	U.	10	10	0	
	Practical	3	U.	9	9	0	
SECOND YEAR							
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8	8	0	
	Practical	6	S.M.	12	12	0	
205	Pure Mathematics IIB, Lectures	3	U.	10	10	0	
	Tutorial	1	U.	10	10	0	
207	Applied Mathematics I, Lectures	3	U.	10	10	0	
	Tutorial	1	U.	10	10	0	
481	Engineering Drawing I, Practical	4	S.M.	5	5	0	
1214	Workshop Practice I, Lectures	1 ²	S.M.	3	10	0	
	Practical	3 ²	S.M.	3	10	0	
491	*First Aid	3 ¹	U.	2	2	0	
492	General Engineering	1 ¹	U.	2	2	0	
* First aid may be completed at any time before graduation.							
THIRD YEAR							
251	Geology I, Lectures	2	U.	10	10	0	
	Practical	4	U.	9	9	0	
436	Strength of Materials, Lectures	2	U.	8	8	0	
	Practical	3	U.	6	6	0	
441	Electrical Engineering I, Part A, Lectures	2	U.	8	8	0	
	Practical	3 ²	U.	4	4	0	
482	Engineering Drawing II, Lectures	1	U.	4	4	0	
	Practical	3	U.	6	6	0	
1261A	Physical Metallurgy I, Lectures	1	S.M.	6	0	0	
	Practical	3	S.M.	6	0	0	
FOURTH YEAR							
431	Civil Engineering I, Lectures	2	U.	8	8	0	
	Practical	6 ¹ 3 ²	U.	8	8	0	
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9	16	0	
	Practical	6 ¹ 3 ²	U.	8	8	0	
434	Hydraulics, Lectures	1	U.	4	4	0	
	Practical	3 ¹	U.	2	2	0	
471	Mining Engineering I, Lectures	2	U.	8	8	0	
253	Geology II (B.E. course), Lectures	2 ²	U.	5	12	0	
	Practical	6 ²	U.	8	8	0	
256	Mining Geology, Lectures	2 ¹	U.	2	16	0	
	Practical	6 ¹	U.	4	4	0	
1008	Surveying IA, Lectures	1	S.M.	6	0	0	
	Practical	3	S.M.	6	0	0	
FIFTH YEAR							
472	Mining Engineering II, Lectures	3	U.	10	10	0	
	Practical	12	U.	25	4	0	
1255	Extractive Metallurgy IA, Lectures	1	S.M.	6	0	0	
	Practical	3	S.M.	6	0	0	
466	Ore Dressing, Lectures	2	U.	7	10	0	
	Practical	3 ²	U.	7	10	0	
	Seminar	2 ¹	U.	7	10	0	
1269	Assaying I, Practical	3	S.M.	3	15	0	

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks
 Second Year: Long Vacation—Practical Mining Experience—of not less than 8 weeks.
 Third Year: August Vacation—Mining Trip (476).
 Long Vacation—Practical Mining Experience—of not less than 8 weeks.
 Fourth Year: August Vacation—Mining Trip (476).

METALLURGICAL AND CHEMICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. c.
FIRST YEAR				
231	Chemistry I, Lectures	3	U.	10 10 0
	Practical	6	S.M.	9 9 0
201	Pure Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	
221	Physics I, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
205	Pure Mathematics IIB, Lectures	3	U.	10 10 0
	Tutorial	1	U.	
207	Applied Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	
481	Engineering Drawing I, Practical	4	S.M.	5 5 0
1214	Workshop Practice I, Lectures	1 ²	S.M.	3 10 0
	Practical	3 ²	S.M.	
491	First Aid	3 ¹	U.	2 2 0
492	General Engineering	1 ¹	U.	—
* First aid may be completed at any time before graduation.				
THIRD YEAR				
461	Process Engineering I, Lectures	3 ¹ 2 ²	S.M./U.	9 15 0
467	Applied Physical Chemistry, Lectures	2	U.	8 8 0
	Practical	3	S.M.	6 6 0
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
482	Engineering Drawing II, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1261A	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
438	Surveying IB, Lectures	1 ¹	U.	1 8 0
	Practical	3 ¹	U.	2 2 0
FOURTH YEAR				
462	Process Engineering II—			
	Part A: Unit Operations I, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
	Part B: Unit Processes I, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
	Part C: Industrial Economics I, Lectures	1 ²	U.	2 16 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
441	Electrical Engineering I, Part A, Lectures	2	U.	8 8 0
	Practical	3 ²	U.	4 4 0
464	Automatic Process Control, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
FIFTH YEAR (Effective 1957 and 1958 only)				
463Q	Process Engineering II (Old Course)—			
	Part A: Unit Operations II, Lectures	3	U.	10 10 0
	Practical	4	U.	8 8 0
	Part B: Applied Chemistry (Inorganic), Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
	Part C: Industrial Economics II, Seminar	2	U.	4 4 0
	Part D: Plant Design, Practical	12	U.	25 4 0
466	Ore Dressing, Lectures	2	U.	7 10 0
	Practical	3 ²	U.	
	Seminar	2 ¹	U.	
464	Automatic Process Control, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
FIFTH YEAR (Effective 1959 and thereafter)				
463	Process Engineering III—			
	Part A: Unit Operations II, Lectures	3	U.	10 10 0
	Practical	4	U.	8 8 0
	Part B: Unit Processes II, Seminar	3	U.	3 15 0
	Part C: Industrial Economics II, Seminar	2	U.	4 4 0
	Part D: Plant Design, Practical	12	U.	25 4 0
466	Ore Dressing, Lectures	2	U.	7 10 0
	Practical	3 ²	U.	
	Seminar	2 ¹	U.	

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Works Laboratory (Research or Analytical)—for not less than 8 weeks.

Third Year: August Vacation—Industrial Plants Trip.

Long Vacation—Industrial Plant Experience—for not less than 8 weeks.

Fourth Year: August Vacation—Industrial Plants Trip.

CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

I. OLD FOUR-YEAR COURSES

Candidates still proceeding under the old four-year schedules, published in the 1954 Calendar, must consult the Assistant to the Dean about their courses.

II. NEW FOUR-YEAR COURSES FOR STUDENTS WHO HAVE ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
204	*Pure Mathematics IIA, Lectures	2	U.	10 10 0
	Tutorial	1	U.	
207	Applied Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	
223	*Physics II, B.E. Course, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
481	Engineering Drawing I	4	S.M.	5 5 0
1214	Workshop Practice I, Lectures	1 ²	S.M.	3 10 0
	Practical	3 ²	S.M.	
437	Surveying I, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
439	Survey Camp (First)			6 6 0
492	General Engineering	1 ¹	U.	—

* Students wishing to proceed to the degree of B.Sc. should note that the full Science courses in Physics II and Pure Mathematics II are required in lieu of Physics II (B.E. course) and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with this option. Students should note that Chemistry I (231) is a compulsory subject for the degree of Bachelor of Science.

SECOND YEAR

210	Applied Mathematics IIA, Lectures	2	U.	10 10 0
	Tutorial	1	U.	
1270	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	3 ²	S.M.	
482	Engineering Drawing II, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
441	Electrical Engineering I—			
	Part A: Lectures	2	U.	8 8 0
	Practical	3 ²	U.	4 4 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

THIRD YEAR

CIVIL ENGINEERING

251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
491	First Aid, Lectures	1 ¹	}	2 2 0
	Practical	3 ¹		
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

ELECTRICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
442	Electrical Engineering II, Lectures	3	U.	10 10 0
	Practical	5	U.	10 10 0
491	First Aid, Lectures	1 ¹	}	2 2 0
	Practical	3 ¹		9 16 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
EITHER—				
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
OR (subject to the approval of the Faculty in each case)—				
225	Physics III, B.E. Course, Lectures	3	U.	10 10 0
	Practical	6	U.	17 17 0

MECHANICAL ENGINEERING

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
491	First Aid, Lectures	1 ¹	}	2 2 0
	Practical	3 ¹		9 16 0
451	Mechanical Engineering I—			
	Part A: Lectures	2 ² 3 ¹	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ²	U.	4 4 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

FOURTH YEAR

The fourth-year courses under this schedule are the same as the fifth-year courses under the five-year schedule.

III. NEW FIVE-YEAR COURSES FOR STUDENTS WHO HAVE NOT ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY

FIRST YEAR

201	Pure Mathematics I, Lectures	3	U.	}	10 10 0
	Tutorial	1	U.		10 10 0
221	Physics I, Lectures	3	U.	}	9 9 0
	Practical	3	U.		8 8 0
232	Chemistry IA, Lectures	2	U.	}	6 6 0
	Practical	3	U.		5 5 0
481	Engineering Drawing I	4	S.M.	}	3 10 0
1214	Workshop Practice I, Lectures	1 ²	S.M.		2 2 0
	Practical	3 ²	S.M.	—	
491	First Aid, Lectures	1 ¹	}	2 2 0	
	Practical	3 ¹		—	
492	General Engineering	1 ¹			

SECOND YEAR

204	Pure Mathematics IIA, Lectures	2	U.	}	10 10 0
	Tutorial	1	U.		10 10 0
207	Applied Mathematics I, Lectures	3	U.	}	8 8 0
	Tutorial	1	U.		6 6 0
223	Physics II, B.E. Course, Lectures	2	U.	}	4 4 0
	Practical	3	U.		6 6 0
437	Surveying I, Lectures	1	U.	}	6 6 0
	Practical	3	U.		6 6 0
439	Survey Camp				
1215	Workshop Practice II, Lectures	1	S.M.	}	6 0 0
	Practical	3	S.M.		

* Students wishing to proceed to the degree of Bachelor of Science should note that the full Science courses in Physics II and Pure Mathematics II are required in lieu of Physics II (B.E. course) and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with this option. Students should note that Chemistry I (231) is a compulsory subject for the degree of Bachelor of Science:

THIRD YEAR

201	Applied Mathematics IIA, Lectures	2	U.	}	10 10 0
	Tutorial	1	U.		4 10 0
1270	Engineering Materials, Lectures	1	}	4 10 0	
	Practical	3 ²		S.M.	
441	Electrical Engineering I—				
	Part A: Lectures	2	U.	}	8 8 0
	Practical	3 ²	U.		4 4 0
	Part B: Lectures	1	U.	}	4 4 0
	Practical	3 ¹	U.		2 2 0
482	Engineering Drawing II, Lectures	1	U.	}	4 4 0
	Practical	3	U.		6 6 0
436	Strength of Materials, Lectures	2	U.	}	8 8 0
	Practical	3	U.		6 6 0

FOURTH YEAR
CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

ELECTRICAL ENGINEERING

442	Electrical Engineering II, Lectures	3	U.	10 10 0
	Practical	5	U.	10 10 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
EITHER—				
434	Hydraulics, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
OR (subject to the approval of the Faculty in each case)—				
225	Physics III, B.E. Course, Lectures	3	U.	10 10 0
	Practical	6	U.	17 17 0

MECHANICAL ENGINEERING

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
451	Mechanical Engineering I—			
	Part A: Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ²	U.	4 4 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

FIFTH YEAR

CIVIL ENGINEERING

432	Civil Engineering II, Part A, Lectures	3	U.	10 10 0
	Practical	6	U.	12 12 0
	Part B, Lectures	2	U.	8 8 0
	Practical	8	U.	16 16 0
	Part C, Project report		U.	
493	Industrial Engineering, Lectures	2	U.	8 8 0
440	Survey Camp (second)		U.	6 6 0

ELECTRICAL ENGINEERING

443	Electrical Engineering III—			
	Power Option:			
	Electrical Engineering Theory, Lectures	2	U.	8 8 0
	Electrical Power, Lectures	3	U.	10 10 0
	Practical	12	U.	25 4 0
	Specialist lectures, seminars and project	1	U.	4 4 0
	Electronics Option:			
	Electrical Engineering Theory, Lectures	2	U.	8 8 0
	Electronics and Communications, Lectures	3	U.	10 10 0
	Practical	12	U.	25 4 0
	Specialist lectures, seminars and project	1	U.	4 4 0
493	Industrial Engineering, Lectures	2	U.	8 8 0

MECHANICAL ENGINEERING

452	Mechanical Engineering II—			
	Part A: Thermodynamics, Lectures	3 ¹ 2 ¹	U.	7 0 0
	Practical	3 ²	U.	4 4 0
	Fluid Mechanics, Lectures	2 ²	U.	5 12 0
	Practical	3 ²	U.	4 4 0
	Part B: Theory of Machines, Lectures	2 ¹ 1 ²	U.	5 12 0
	Practical	3 ¹	U.	2 2 0
	Machine Design II, Lectures	2 ²	U.	5 12 0
	Practical	6	U.	12 12 0
	Part C: Thesis		U.	
493	Industrial Engineering Lectures	2	U.	8 8 0

ERRATUM

Page 546 — delete matter under Fourth Year Electrical Engineering and substitute:

ELECTRICAL ENGINEERING

442	Electrical Engineering II, Lectures	.....	.....	3	U.	10	10	0
				5	U.	10	10	0	
451	Mechanical Engineering I, Part A, Lectures	.....	.....	2 ² 3 ¹	U.	9	16	0
				6 ¹ 3 ²	U.	8	8	0	
EITHER —									
{	431	Civil Engineering I, Lectures	2	8	8	0
			Practical	6 ¹ 3 ²	8	8	0
{	434	Hydraulics, Lectures	1	4	4	0
			Practical	3 ¹	2	2	0
OR (subject to the approval of the Faculty in each case —									
225	Physics III, B.E. Course, Lectures	.....	.....	3	U.	10	10	0
				6	U.	17	17	0	

ARCHITECTURAL ENGINEERING

Students are required to take as full-time study the first three years of the Architectural Engineering course as set out below.

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
232	°Chemistry IA, Lectures	2	U.	8 8 0
	Practical	3	U. or S.M. }	6 6 0
416	Architectural Drawing I	4	S.M.	4 10 0
424	Free Drawing I	2	S.M.	4 10 0
421	Building Construction and Drawing I, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
201	Pure Mathematics I, Lectures	3	U. }	10 10 0
	Tutorial	1	U. }	
221	Physics I, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
406	Architectural History I, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
492	General Engineering	1 ²	U.	
SECOND YEAR				
207	°Applied Mathematics I, Lectures	3	U. }	10 10 0
	Tutorial	1	U. }	
205	°Pure Mathematics IIB, Lectures	3	U. }	10 10 0
	Tutorial	1	U. }	
422	Building Construction and Drawing II, Lectures	1	U. }	6 0 0
	Practical	2	S.M. }	
411	Architectural Design I	4	S.M.	6 0 0
407	Architectural History II, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
425	Free Drawing II	2	S.M.	4 10 0
417	Architectural Drawing II	4	S.M.	4 10 0
THIRD YEAR				
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
412	Architectural Design II	6	S.M.	6 15 0
401	Architectural Theory Construction and Practice I, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
491	First Aid	3 ¹		2 2 0
FOURTH YEAR				
413	Architectural Design III	6	S.M.	9 15 0
402	Architectural Theory Construction and Practice II, Lectures	3 ² , 2 ¹	S.M. }	6 15 0
	Practical	3	S.M. }	
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
484	Surveying IA, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
FIFTH YEAR				
403	Architectural Theory Construction and Practice III, Lectures	3	S.M. }	8 8 0
	Practical	3	S.M. }	
419	Architectural Thesis	8	S.M.	6 0 0
435	*Structural Design, Practical	8	U.	16 16 0

Note.—These schedules are divided into five years, as it is expected that normally students will not be full-time day students after the third year. If a student is articled in an architect's office it is not to be expected that the course can be completed even in five years, but it is important that subjects should be taken in their proper sequence.

* The subjects marked with an asterisk are not required by the Royal Australian Institute of Architects in its recognition of this course.

HONOURS DEGREE IN ENGINEERING

Candidates for the Honours degree in Mining Engineering, Metallurgical and Chemical Engineering, Electrical Engineering, Mechanical Engineering, or Civil Engineering under Regulation 14 shall complete the full course for the final year of their respective course, and in addition the following courses:

Honours Lectures	2	U.	8 8 0
Laboratory Project	250 hrs.	U	18 18 0
	total		

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. To obtain the Ordinary degree of Bachelor of Laws a candidate shall—

(a) pass in all the following subjects:

(i) Elements of Law,

(ii) Constitutional Law, Part I,

(iii) Criminal Law and Procedure,

* (iv) and (v) Two subjects chosen by the candidate from the following list: Greek I, Latin I, French I, German I, English IA, Philosophy I, Pure Mathematics I, History I and Social History, Psychology IA or I, Geography I, Social Economics; provided (a) that in the case of any individual candidate the Faculty of Law may approve as the subjects numbered (iv) and (v) any subject or subjects, except the Science subjects, provided for the Ordinary degree of Bachelor of Arts; (b) that a candidate who has already graduated in Arts will be credited with the subjects numbered (iv) and (v),

(vi) The Law of Contract,

(vii) The Law of Torts,

(viii) The Law of Property,

(ix) Constitutional Law, Part II,

(x) Jurisprudence,

(xi) Roman Law,

(xii) Legal History,

(xiii) Equity,

(xiv) Mercantile Law,

(xv) Private International Law,

(xvi) The Law relating to Companies, Partnership, Bankruptcy and Divorce,

(xvii) 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.

*Amendment awaiting allowance at time of printing.

*3A. (1) To obtain the Honours degree of Bachelor of Laws a candidate shall:

- (a) pass in all the subjects numbered (i) to (xvii) in Regulation 3 at the first attempt; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt;
- †(b) of the aforesaid subjects, excluding those numbered (iv) and (v), pass with Distinction or in the first class in at least eight, or pass with Distinction or in the first class in five and with Distinction or in the first class or with Credit or in the second class in at least five others; 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 Regulation 17 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
 - (i) Elements of Law,
 - (ii) Constitutional Law, 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,
 - (ix) The Law relating to Companies, Partnership, Bankruptcy and Divorce,
 - (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.

5. Every candidate may take his subjects in any order, with the following exceptions: he must pass

- (a) in Constitutional Law, Part I, before entering for the course of lectures in Constitutional Law, Part II;

* Allowed 25th August, 1955.

† Allowed 22nd December, 1955.

- (b) in the Law of Property before entering for the course of lectures in Equity;
- (c) in the Law of Contract before entering for the course of lectures in Mercantile Law;
- (d) in the Law of Contract, in the Law of Tort, in the Law of Property, in Equity, and in Mercantile Law before entering for the course of lectures in Private International Law;
- (e) in Equity and in Mercantile Law before entering for the course of lectures in the Law relating to Companies, Partnership, Bankruptcy and Divorce;
- (f) in the Law of Contract, in the Law of Torts, in the Law of Property, in Equity, and in Criminal Law and Procedure before entering for the course of lectures in the Law of Evidence and Procedure;
- (g) in Elements of Law, in Constitutional Law, Part I, in Criminal Law and Procedure, in the Law of Contract, in the Law of Torts, in the Law of Property, and in Constitutional Law, Part II, before entering for the course of lectures in any of the following subjects: Jurisprudence, Roman Law, Legal History.
- * (h) in Latin at the Leaving Examination, before entering for the course of lectures in Roman Law and Jurisprudence.

6. Annual examinations shall be held in November and supplementary examinations shall be held in 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.

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

*Awaiting allowance at time of printing.

Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

*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.

17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed. A candidate who by December 31, 1952, had matriculated in the Faculty of Law and had passed in at least two subjects in his course for the Ordinary degree of Bachelor of Laws or for the Final Certificate in Law may proceed to the Ordinary degree or the Final Certificate under the regulations hereby repealed provided that he completes his course under those regulations by March 31, 1958. 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. Any person who has obtained or may obtain the Ordinary degree of Bachelor of Laws under the Regulations hereby repealed may proceed to the Honours degree under those Regulations provided that he does so by March 31, 1959.

* Allowed 22nd December, 1955.

† Allowed 20th December, 1956.

‡ Allowed 18th October, 1956

Allowed 22nd January, 1953.

FOOTNOTE (which does not form part of the Regulations).

The Faculty of Law recommends:

- (a) that all candidates for the LL.B. degree take their subjects according to the following scheme:

First Year: Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure; and two Arts subjects.

Second Year: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law, Part II.

Third Year: Jurisprudence; Roman Law; Legal History; Equity; Mercantile Law.

Fourth Year: Private International Law; The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

- (b) that all candidates for the Final Certificate take their subjects according to the following scheme:

First Year: Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure.

Second Year: The Law of Contract; The Law of Torts; The Law of Property.

Third Year: Equity; Mercantile Law.

Fourth Year: The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

Schedule of Fees prescribed by the Council under Regulation 15

A. Entrance fee	- - - - -	£3 3 0
B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course	- - - - -	10 10 0
C. For attendance at the course of lectures in Legal Ethics	- - - - -	3 10 0
D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.	- - - - -	
E. For examination in Justinian's Institutes	- - - - -	5 5 0
F. For the additional examination required for the Honours degree of Bachelor of Laws	- - - - -	10 10 0
G. For the Final Certificate	- - - - -	5 5 0
H. For a supplementary examination in any subject	- - - - -	5 5 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 ¹Board of Examiners that:—

(a) he has taken, or has passed or been credited with the examinations entitling him to take, the degree of Bachelor of Laws of the University of Adelaide, or that he has obtained the Final Certificate in Law of the University of Adelaide certifying that he has passed or been credited with prescribed examinations in the following subjects namely:—

- (i) Elements of Law,
- (ii) Constitutional Law, Part I,
- (iii) Criminal Law and Procedure,
- (iv) The Law of Contract,
- (v) The Law of Torts,
- (vi) The Law of Property,
- (vii) Equity,
- (viii) Mercantile Law,
- (ix) The Law relating to Companies, Partnership, Bankruptcy, and Divorce,
- (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.

¹ The Board of Examiners of the Supreme Court of South Australia.

8. In the case of a person articted 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 articted clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless

- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;
- (b) he has given to the ¹Master, and to the ²Law Society at least twenty-one clear days notice of his intention to enter into articles. Such notice shall be in Form A in the schedule hereto, and shall contain the particulars therein prescribed.

Provided that, where any person has been required by notice (Form B) to attend personally before the Board and to satisfy it of his good character and fitness to enter into articles, such person shall not enter into articles until the Board has given its consent in writing thereto.

14. Within one month after the execution of his articles the articted clerk shall—

- (a) file the articles in the office of the ¹Master together with an affidavit verifying the due execution thereof;
- (b) produce to the Master a certificate, or certificates by the University showing that the clerk has the qualifications required by Rule 11;
- (c) file in the office of the Master a copy of every such certificate; and
- (d) serve on the ²Law Society copies of the said affidavit and of every such certificate, and of any consent, decision or determination given or made by the Board pursuant to the proviso to Rule 11, or to Rule 7, as the case may require.

15. Within one month after the execution of any supplementary articles, or of any assignment of any articles, the clerk shall—

- (a) file in the office of the ¹Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and
- (b) serve on the ²Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

¹The Master of the Supreme Court of South Australia.

²The Law Society of South Australia Incorporated.

SERVICE UNDER ARTICLES.

16. No clerk shall be articed to a practitioner who has not been in practice in this State as a principal for a continuous period of five years, unless the practitioner is the Crown Solicitor of this State or the Deputy Crown Solicitor for the Commonwealth in this State.

17. No practitioner shall have more than two articed clerks serving under articles at the same time.

18. No practitioner shall take, or retain any articed clerk after he has ceased to practise as a practitioner, or whilst he is employed as a clerk by another practitioner.

19. (1) Subject to these Rules, every articed clerk shall during the whole term of his articles be actually employed in this State in the proper business, practice and employment of a practitioner under the personal supervision of—

(a) the practitioner practising in this State to whom he is articed; or

(b) a partner of the practitioner; or

(c) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articed.

Provided that (for the purposes of clause (b) or (c) as the case may be) the partner or practitioner shall have been in practice in this State as a principal for a continuous period of five years.

(2) The Assistant Crown Solicitor shall for the purpose of this Rule be deemed to be a partner of the Crown Solicitor for the State.

20. (1) No articed clerk shall during the period of his articles pursue any occupation or business other than the proper business of the practitioner to whom he is articed or his partner (if any).

(2) A clerk articed to the Crown Solicitor of the State, or the Deputy Crown Solicitor for the Commonwealth in this State, shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

OF THE DEGREE OF MASTER OF LAWS
REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

*1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

2. 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. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

†7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar

* Allowed 7th December, 1939. † Allowed 18th October, 1956.
Allowed 10th December, 1930.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the thesis - - - - -	£10 10 0
On entry for any examination required - - - - -	10 10 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.

* Allowed 10th December, 1930.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or subject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*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. Repealed.

Schedule of Fees prescribed by the Council under Regulation 6

DEGREE OF DOCTOR OF LAWS	
On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

* Allowed 18th October, 1956. † Repealed 10th December, 1930.
Allowed 12th December, 1907.

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 each year 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 to present himself for examination unless he has completed the course of study and practice prescribed for that examination.

‡Allowed 20th December, 1956.

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.

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

*Amendment allowed 20th December, 1956; further amendment awaiting allowance at time of printing.

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 the commencement of the various years of the course.]

I. SCHEDULE OF COURSES OF STUDY.

Subjects for each Year of the Medical Course.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Biology.

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, including Applied Physiology;
- (d) attend a course of lectures in Normal Psychology;
- (e) attend a course of lectures in Public Health;
- (f) attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.
- (g) during the third term attend such courses of instruction in introductory clinical work including General Pathology and Bacteriology as may be prescribed 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), except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of instruction and practical work in Pathology;
- (e) attend a course of instruction and practical work in Bacteriology;
- (f) attend a course of demonstrations in Regional and Surgical Anatomy and in Operative Surgery;
- (g) attend a course of instruction in Pharmacy, and obtain a certificate of competency from the lecturer therein.
- (h) attend a course of instruction at the Department of Dentistry at the Royal Adelaide Hospital;
- (i) attend at least forty *post-mortem* examinations;
- (j) receive tutorial instruction in Medicine and Surgery;
- (k) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and in the outpatients' department except during any period of residence at the Queen Victoria Maternity Hospital.

During the third, fourth and fifth years the student shall

- (a) attend a course of lectures and lecture-demonstrations in Applied Physiology, and conduct clinical physiological investigations to the satisfaction of the Professor;
- (b) attend the Queen Victoria Maternity Hospital for four weeks for clinical work in Obstetrics.

During the fourth, fifth, and sixth years the student shall

- (a) perform the duties of Medical Clerk during at least six months which shall include attendance for three weeks at the Pulmonary Tuberculosis Department of the Royal Adelaide Hospital, including six attendances at the Outpatients' Department;
- (b) perform the duties of Surgical Dresser during at least six months;
- (c) attend a course of instruction at the Royal Adelaide Hospital and at the Adelaide Children's Hospital in the administration of Anaesthetics by some person approved by the Council.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and in 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 except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of lectures in Obstetrics;
- (e) attend a course of lectures in Gynaecology;
- (f) complete the course of instruction and practical work in 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 a course of lectures and clinical demonstrations in Psychological Medicine;
- (j) attend courses of lectures in the medical and surgical diseases of children;
- (k) complete a course of instruction in Venereal Diseases, including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;

- (l) complete a course of instruction consisting of twelve attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
 - (m) continue to receive tutorial instruction in Medicine and Surgery;
 - (n) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and outpatients' department, except during any period of residence at the Queen Victoria Maternity Hospital;
 - (o) attend interim examinations in clinical medicine and clinical surgery.
- During the fifth and sixth years the student shall:
- (a) hold the office of Medical Clerk in the outpatients' department of the Royal Adelaide Hospital for two days a week during twelve weeks;
 - (b) hold the office of Surgical Dresser in the outpatients' department at the Royal Adelaide Hospital for two days a week during twelve weeks;
 - (c) attend for twelve weeks the practice of the Gynaecological Clinic at the Royal Adelaide Hospital in the wards and outpatients' department;
 - (d) attend at least forty *post-mortem* examinations;
 - (e) attend a course of lectures and attend for two days a week for twelve weeks the practice of the Ophthalmological Department;
 - (f) hold for six weeks each the offices of Medical Clerk and Surgical Dresser at the Adelaide Children's Hospital;
 - (g) during term of residence at the Queen Victoria Maternity Hospital attend on at least five occasions at an approved Infant Welfare Clinic.

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, and attend one day a week during twelve weeks the practice of the Ear, Nose, and Throat Department;
- (c) attend a course of lectures in Medical Ethics;
- (d) attend the Queen Victoria Maternity Hospital for two weeks for clinical work in Obstetrics;
- (e) attend on ten occasions the practice of the Dermatological Department at the Royal Adelaide Hospital;
- (f) perform the duties of Medical Clerk for eight weeks, including six attendances at the outpatients' department of the Pulmonary Tuberculosis Department;
- (g) perform the duties of Surgical Dresser for eight weeks;
- (h) attend a special lecture on life assurance.
- (i) after having served two months as a Medical Clerk in the general wards of the Royal Adelaide Hospital, attend six lecture-demonstrations in Pulmonary Tuberculosis.

NOTE.—In the interim period during the establishment of the Western Australian medical school, Western Australian students proceeding to the degrees of M.B., B.S., of the University of Adelaide, will be required to attend the following Western Australian hospitals to receive their clinical instruction:

Royal Perth Hospital (in lieu of the Royal Adelaide Hospital),
 King Edward Memorial Hospital (in lieu of the Queen Victoria Maternity Hospital),
 Princess Margaret Hospital for Children (in lieu of Adelaide Children's 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 (531)
 2. Chemistry (532)
 3. Biology (533).
2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Biochemistry (541)
 2. Histology and Embryology (542).
3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Anatomy (546)
 2. Human Physiology (547).

4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. General Pathology (551)
2. Bacteriology (552)
3. Applied Physiology and Pharmacology (553).

5. At the Fifth Annual Examination the candidate shall satisfy the examiners in each of the following groups of subjects:

1. Special Pathology (561)
2. Public Health and Preventive Medicine (562), and Forensic Medicine (563).

6. 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 (571)
2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (572)
3. Obstetrics and Gynaecology (573).

III. SCHEDULE 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 - - | £80 0 0 |
| (2) In each of the fourth, fifth and sixth years - - | 70 0 0 |

B. For a supplementary examination:

- | | |
|--|---------|
| (1) In any single subject - - - - - | £5 5 0 |
| (2) In any group of subjects - - - - - | 10 10 0 |

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.
- The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—
1. For material in bacteriology, £1 1/-.
 2. For material in practical pathology, £2 2/-.
- 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 DEGREE OF BACHELOR OF MEDICAL SCIENCE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Medical Science. A candidate may obtain either degree or both.

*2. An undergraduate in the Faculty of Medicine, who has passed the Third Examination may, with the approval of the Head of the Department concerned, interrupt his medical course and undertake for one year advanced study in Anatomy or Biochemistry or Physiology. On completion of such advanced study to the satisfaction of the examiners he shall be qualified for admission to the Ordinary degree of Bachelor of Medical Science.

*3. An undergraduate in the Faculty of Medicine who has passed the Fourth Examination (Fourth Year) may, with the approval of the Head of the Department concerned, interrupt his medical course and undertake for one year advanced study in Bacteriology or General Pathology or Pharmacology. On completion of such advanced study to the satisfaction of the examiners he shall be qualified for admission to the Ordinary degree of Bachelor of Medical Science.

4. (a) A candidate who has qualified for the Ordinary degree of Bachelor of Medical Science may, at any subsequent time, undertake a second year's advanced work in the same subject, and on completion of such work to the satisfaction of the examiners he shall be qualified for admission to the Honours degree of Bachelor of Medical Science.

(b) 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

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 examina-

* Allowed 22nd December, 1955.

† Allowed 20th December, 1956.

tions 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.

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 Ordinary degree or for the Honours degree - - - - - £52 10 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 previously have been submitted for any other degree.

*Allowed 11th November, 1954.

4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

5. A candidate may submit other papers in support of his main thesis.

6. If it approve of the subject or subjects of the work submitted the Faculty of Medicine shall nominate examiners, of whom one at least shall be an external examiner.

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. Three copies of the thesis and of any supporting papers which the candidate desires to submit must be lodged with the Registrar.

10. A printed or typewritten copy of any thesis approved by the examiners shall be lodged in the library of the University before the candidate is admitted to the degree.

* 11. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 18th October, 1956. † Allowed 11th November, 1954.

Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 11

On presentation of the thesis - - - - -	£31 10 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.

‡ Allowed 10th January, 1946, and amended 11th December, 1947.

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. The examination for the degree shall be divided into two parts. Part I shall consist of Anatomy and Physiology, may be taken at any time after graduation in medicine and surgery, and must be taken by every candidate not exempted under Regulation 3. Part II shall consist of an examination in Surgery, and shall not be taken before the expiration of three academic years from the date of graduation in Medicine and surgery. Before being admitted to Part II of the examination a candidate must have spent at least one year in surgical practice approved by the Faculty of Medicine.

†3. A candidate who has passed the primary examination for the Fellowship of the Royal College of Surgeons of England or of the Royal Australasian College of Surgeons or Part I of the examination for the degree of Master of Surgery in another Australian University, may, on application to the Faculty of Medicine, be granted exemption from Part I of the examination.

4. A candidate in Part II of the examination shall, unless exempted as hereinafter provided, pass in

- (a) The Principles of Surgery, including the history of the subject, and
- (b) Such one of the following groups as he may select:
 - (1) General Surgery, including Surgical Anatomy, Pathology, and Operative Surgery, and the history of those subjects;
 - (2) Obstetrics and Gynaecology, including the surgical anatomy, pathology, operative surgery, and history of those subjects;
 - (3) The Surgery of the Eye, including the surgical anatomy, pathology, operative surgery, and history of that subject;
 - (4) The Surgery, of the Ear, Nose, Throat, and Larynx, including the surgical anatomy, pathology, operative surgery, and history of those subjects.

Schedules prescribing further details of the subjects mentioned in this regulation may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council.

* Allowed 11th December, 1947.

† Amended 16th June, 1949.

*5. The examinations for the degree shall be held, if required, in May of each year. They shall be conducted by means of written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients, or by any one or more of these methods as may be determined by the Faculty. Each candidate shall forward to the Registrar, before the first day of February, notice of his intention to present himself for examination in the following May, and shall state the group of subjects in which he desires to be examined.

*5a. A candidate who does not present a thesis as provided for in Regulations 6 and 7 shall submit with his entry for Part II of the examination a dissertation or essay on some subject approved by the Faculty of Medicine. Such dissertation or essay shall include a review of the history, literature and pathology of the subject and comments thereon derived from the candidate's own observations and experience.

6. A candidate may submit, with his entry for examination, an original thesis embodying the results of his independent research and observation on some branch of Surgery.

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.

If the candidate submit a thesis, he shall also:

- (a) submit with it a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance surgical knowledge or practice.

7. If the thesis be adjudged to be a sufficient merit by the Faculty, after report by the examiners appointed to adjudicate upon it, the candidate may be exempted from the whole or part of the examination under Section (b) of Regulation 4; but in all cases he must pass the examination in the Principles of Surgery, including the history of that subject, required under Section (a) of that regulation, and the appropriate clinical, practical, and oral examinations.

8. At least one external examiner shall be appointed to assist in the conduct of each examination, and the names of successful candidates shall be arranged in alphabetical order.

9. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

†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 11th December, 1947.

†Allowed 18th October, 1956.

Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 10

DEGREE OF MASTER OF SURGERY

On entry for examination in Part I	-	-	-	-	£15	15	0
On entry for examination in Part II	-	-	-	-	26	5	0
On admission to the degree	-	-	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF DENTAL SURGERY
REGULATIONS

1. To obtain the degree of Bachelor of Dental Surgery, the student, after matriculation, must complete five years of study, and pass the examination proper to each year before commencing the course of study and practice for the following year.

* 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 the course of study and practice prescribed for that examination.

2. After passing the entrance examination, and before admission to the degree, the student shall attend at the department of Dentistry at the Adelaide Hospital, or at some other recognised hospital, such course of study and practice as may be from time to time prescribed.

†3. Schedules prescribing details of the course of study and practice for each academic year shall be drawn up by the Faculty of Dentistry, and, after approval by the Council, shall be published before the commencement of each academic year.

4. The student shall not in any academic year be credited with attendance at a course of instruction on any subject unless he shall have attended on three-fourths of the occasions when such instruction has been given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.

5. The Ordinary Examination shall be held in November of each year, the date to be fixed by the Council. In addition, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council.

When the course of instruction in any subject has been completed before the end of the third term, the examination in that subject may be held at any convenient time to be appointed by the Council between the termination of such course and the date fixed for the ordinary examination in November.

‡Written or practical work done by candidates by direction of the Professors or Lecturers or the Director of Dental Studies, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

*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.

*Allowed 20th December, 1956.

† Amended 5th December, 1940. ** Allowed 22nd December, 1955.

‡ Amended 25th August, 1955.

7. Any student who has presented himself at an ordinary examination, but has failed to pass, or who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of such examination may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for examination at a supplementary examination. Such recommendation shall be made by the Board of Examiners when reporting the results of the ordinary examinations, but the Board shall in no case recommend for a supplementary examination any student who has failed to pass in more than two subjects at the ordinary examination.

8. The student shall not be re-examined at the supplementary examination in any subject in which he has passed at the ordinary examination in the previous year, and on passing the supplementary examination in the subjects in which he has failed to present himself or to pass at the ordinary examination, he shall be deemed to have completed an academic year of his course, but no classification shall be allowed.

†8a. The Registrar shall report to the Faculty of Dentistry at its next meeting following that of the Board of Examiners cases of students in the first or second year of the dental 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 dental 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.

9. Any student who has passed examinations *in pari materia* in other faculties or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, may 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. The Faculty shall recommend to the Council the exemption to be granted in each individual case.

10. At the First Examination the student shall satisfy the examiners in each of the following subjects:—

1. Chemistry (601).
2. Physics (602).
- 3. Biology (603).
- §4. Dental Materials and Technics I (604).

•11. At the Second Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anatomy and Histology (611 and 612).
2. Junior Dental Anatomy (613).
3. Physiology and Biochemistry (615 and 614).
4. Dental Histology (612).
- §5. Dental Materials and Technics II (616).

• Allowed 12th December, 1929.

§ Amended 17th January, 1952.

•• Allowed 20th December, 1956.

† Allowed 30th November, 1933.

†12. At the Third Examination the student shall satisfy the examiners in each of the following subjects:—

1. Pathology and Bacteriology, including Dental Patho-Histology (622 and 621).
2. Dental Metallurgy (623).
3. Senior Dental Anatomy (624).
4. Prosthetic Dentistry I (626).
5. Conservative Dentistry I (627).

‡13. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects:—

1. General Surgery (631).
2. General Medicine (632).
3. Prosthetic Dentistry II (634).
4. Crown and Bridge Work (635).
5. Dental Materia Medica and Therapeutics (637).
6. Oral Pathology (633).
7. Conservative Dentistry II (638).
8. General Dental Practice.

§14. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anaesthesia (641).
2. Oral Surgery (646).
3. Conservative Dentistry III (648).
4. Prosthetic Dentistry III (642).
5. Orthodontia (636 and 643).
6. Periodontia (647).
7. General Dental Practice.

(The Examination in Prosthetic Dentistry III shall include Oral Prosthesis and Crown and Bridge Work.)

*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. All regulations hitherto in force concerning the degree of Bachelor of Dental Surgery are hereby repealed, subject to the following provisions:—

(a) These regulations shall apply to students beginning the course for the degree of Bachelor of Dental Surgery in and after the year 1928;

(b) Students who began their course before 1928 must complete it before the end of March, 1931, in accordance with the old regulations. Students who fail to do so must continue under these regulations, and for that purpose will be granted such status as the Council on the recommendation of the Faculty of Dentistry shall decide.

17. All questions arising under these regulations shall be determined by the Council.

‡Amended 16th December, 1948, and 17th January, 1952.

†Allowed 11th December, 1947, amended 16th December, 1948, 14th December, 1950, and 17th January, 1952; further amendment awaiting allowance at time of printing.

*Allowed 18th October, 1956. §Amended 16th December, 1948; further amendment awaiting allowance at time of printing.

Allowed 7th December, 1927.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 3 and 15.

SCHEDULE I—COURSES OF STUDY

Subjects for each Year of the Dental Course

Note.—The dental clinical year at the Department of Dentistry of the Royal Adelaide Hospital extends, except in the case of the second-year students, from 1st February until the date in the Calendar on which lectures end in October. (See Hospital Rule 8.)

During the first year every student shall attend a course of instruction on each of the following subjects:—(a) Chemistry, (b) Physics, (c) Biology, (d) Dental Materials and Technics.

During the second year every student shall attend a course of instruction on each of the following subjects:—(a) Anatomy and Histology, (b) Junior Dental Anatomy, (c) Physiology and Biochemistry, (d) Dental Histology, (e) Dental Materials and Technics; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Dental Materials and Technics, (g) the course of demonstrations and practical work on Tooth Morphology.

During the third year every student shall attend a course of instruction on each of the following subjects:—(a) General Pathology and Bacteriology, (b) Dental Pathology, (c) Senior Dental Anatomy, (d) Dental Materia Medica, (e) Prosthetic Dentistry, (f) Conservative Dentistry, (g) Dental Metallurgy; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital; (h) the courses of demonstrations and laboratory work on Conservative Dentistry and on Prosthetic Dentistry, (i) the dental practice and clinical instruction.

During the fourth year every student shall attend a course of instruction on each of the following subjects:—(a) General Surgery, (b) General Medicine, (c) Oral Pathology, (d) Prosthetic Dentistry, (e) Crown and Bridge work, (f) Orthodontia, (g) Children's Dentistry, (h) Radiography, (i) Periodontia, (j) Dental Materia Medica and Therapeutics, (k) Preventive Dentistry, (l) Conservative Dentistry; and shall attend at the Royal Adelaide Hospital; (m) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry; (n) the courses of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technics, and the administration of Local Anaesthetics, (o) Oral diagnosis and treatment planning, (p) the dental practice and clinical instruction during the whole dental clinical year.

During the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) General Anaesthetics, (b) Prosthetic Dentistry, (c) Orthodontia, (d) Oral Surgery, (e) Dental Jurisprudence, (f) Dental Public Health and Dental Services, (g) Dental Practice and clinical instruction.

For Minimum Requirements, see Syllabus.

SCHEDULE II—FEES

A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course	£75 0 0
B. For a supplementary examination in any subject	5 5 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 be admitted to the practice of the Hospital under the control of the Medical Superintendent.
2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.
4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.

6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.

At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.

8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.

A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.

He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.

9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

OF THE DEGREE OF MASTER OF DENTAL SURGERY REGULATIONS

1. Only persons who have been admitted to the degree of Bachelor of Dental Surgery in the University of Adelaide may become candidates for the degree of Master of Dental Surgery.

‡2. 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 under Regulation 8.

†3. The examination for the degree shall consist of two parts. A candidate may present himself for Part I of the examination in any year after his admission to the degree of Bachelor of Dental Surgery, but may not present himself for Part II until at least two years after such admission. Except by special permission of the Faculty, no candidate will be permitted to proceed with Part II until he has completed all of Part I.

4. Part I of the examination shall at the option of the candidate consist of *either* (a) Anatomy, Physiology, and General Pathology and Bacteriology; *or* (b) Physics, Chemistry and Metallurgy.

*5. Part II of the examination shall consist of (a) Advanced Dental Surgery and Pathology, and (b) another section of Dentistry selected by the candidate and approved by the Faculty.

6. An examination for the degree shall be held, if required, in November of each year. The examination shall be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and work on patients, or by any one or more of those methods as may be determined by the Faculty.

† Amended 8th December, 1949. * Amended 16th December, 1948.

‡ Amended 11th November, 1954.

*7. As part of the examination required under Regulations 2 and 5, the candidate shall submit two typed copies of a report on both the subject matter of, and the practical work carried out by him in, that section of Dentistry selected by him under section (b) of Regulation 5.

*8. (a) A candidate may submit an original thesis of his own composition on some branch of Dentistry embodying the result of his independent research and observation. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers.

(b) If the thesis be adjudged to be of sufficient merit by the Faculty, after report by the examiners appointed to adjudicate upon it, the candidate may be exempted from the whole or part of the examination for the degree. When a candidate is exempted, on account of his thesis, from part of the examination, the Faculty shall prescribe the nature and extent of the examination still to be taken.

†9. An intending candidate for the degree shall at the beginning of the academic year in which he intends to present himself for either part of the examination inform the Faculty in writing of the subjects he has selected for examination and the nature of any research he proposes to undertake.

10. Each candidate shall forward to the Registrar before the first day of August in any year notice of his intention to present himself for the next examination, shall state the group of subjects in which he desires to be examined, and shall submit two printed or typewritten copies of any thesis he may desire to present.

11. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

‡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.

† Amended 8th December, 1949.

Allowed 10th December, 1942.

‡ Allowed 18th October, 1956.

* Amended 11th November, 1954.

Schedule of Fees prescribed by the Council under Regulation 12

A. For instruction or laboratory work in any subject or group of subjects: such fees as may be prescribed from time to time by the Council.	
B. On presentation of the thesis - - - - -	£15 15 0
C. On entry for examination in Part I - - - - -	15 15 0
D. On entry for examination in Part II - - - - -	15 15 0
E. On admission to the degree - - - - -	10 10 0

If a candidate is exempted from part of the examination an appropriate adjustment in fees will be made by the Council.

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. A candidate shall forward to the Registrar not later than the first day of July in the year in which he desires to be admitted to the degree three printed or typewritten copies of his thesis.

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. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

*8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* 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 Literature and in one other subject exclusive of Music at the Leaving Examination and either (i) in Practical at the Sixth Grade, Theory at the Fourth Grade and Musical Perception at the Fourth Grade of the examinations conducted by the Australian Music Examinations Board; or (ii) in a special entrance examination in Music of standard equivalent to the Grade Examinations specified above.

(b) A candidate who produces evidence of having passed an equivalent examination in this or in any other University recognised by this University may be exempted by the Council from the requirements of this regulation.

3.†(a) To qualify for the diploma a candidate shall complete three academic years of study, not necessarily consecutive, at the University in one of the under-mentioned principal subjects, together with such other subjects as are specified in the schedules, and shall pass the examination proper to each year:

(i) Pianoforte Playing; (ii) Singing; (iii) Violin Playing; (iv) Violoncello Playing; (v) Organ Playing; (vi) the playing of any other instrument approved by the Faculty of Music.

(b) A candidate who fails in one or two subjects only of an annual examination may at the discretion of the Faculty of Music be permitted to present himself for a supplementary examination in the subject or subjects concerned in March of the following year, and if he satisfies the Faculty of Music in such supplementary examination shall be deemed to have completed the whole annual examination.

(c) A candidate who passes in some portion only of an annual examination may be granted such credit as the Faculty of Music shall in each case determine.

(d) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

†(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course

*Allowed 20th December, 1956.

† Allowed 14th December, 1950.

‡Amendment awaiting allowance at time of printing.

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 at the University in an approved principal subject.

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 four Conservatorium quarters 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 20th December, 1956.

Allowed 16th December, 1948.

SCHEDULES

1. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

OR (b) Operatic Singing

1. Chief Practical Study I (671)
2. Drama I (708)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

C. School Music**1. Chief Practical Study I.**

(This chief study should be Pianoforte, but in the event of another study, such as singing, or a stringed or wood-wind instrument being chosen, the student shall show that in each of the years a satisfactory standard of pianoforte playing has been reached.)

2. Scope of School Music I (695)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Principles of Class Music Teaching I (700)

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 (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Ensemble Playing I (706)
8. Accompanying (for students whose chief practical study is Pianoforte) (747)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study II (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

OR (b) Operatic Singing

1. Chief Practical Study II (672)
2. Drama II (709)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

C. School Music

1. Chief Practical Study II (672)
2. Scope of School Music II (696)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Principles of Class Music Teaching II (701)
8. Ensemble Playing I (706)

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 (673)
2. Second Practical Study III (673)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Music Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

B. Vocal School

(a) Concert Singing

1. Chief Practical Study III (673)
2. Second Practical Study III (673)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

OR (b) Operatic Singing

1. Chief Practical Study III (673)
2. Drama III (710)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

C. School Music

1. Chief Practical Study III (673)
2. The Scope of School Music III (697)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Principles of Class Music Teaching III (702)

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 Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 7.

A. For the Entrance Examination in Music, if required	£2	2	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	63	0	0
C. For a supplementary examination in any subject of a year's work - - - - -	5	5	0
D. 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.

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/-.

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. A candidate for admission to the course for the degree of Bachelor of Music shall:—

- (a) hold the Leaving Certificate, or have passed in four subjects at the Leaving Examination, including English, a language other than English, and either Ancient History or Modern History;
- and (b) either have passed in Theory of Music at the Seventh Grade of the Public Examinations in Music or satisfy the Dean of the Faculty of Music in a special Entrance Examination in the Theory of Music of equivalent standard.

A candidate who produces evidence of having passed elsewhere equivalent examinations approved by the Faculty of Music may be exempted from the requirements of this regulation.

In special circumstances the requirements of this regulation may be varied by the Council in the case of an intending student who has attained the age of twenty-five years.

*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;

*Amendment awaiting allowance at time of printing.

- (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.

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.

*Allowed 22nd December, 1955.

†Allowed 20th December, 1956.

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.

*12. A candidate who has satisfied the requirements of section (a) of Regulation 2 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.

*Amendment awaiting allowance at time of printing.

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 (712);
- (b) Counterpoint I (717);
- (c) History of Music II (727);
- (d) Form (731);
- (e) Acoustics (746);

and in addition shall satisfy the examiners in:—

Practical Tests II (742).

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 (713);
- (b) Counterpoint II (718);
- (c) History of Music III (728);
- (d) Orchestration I (735);
- (e) Musical Criticism and Aesthetics (738);
- (f) Essay I (739);

and in addition shall satisfy the examiners in:—

Practical Tests III (743).

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 (714);
- (b) Counterpoint III (719);
- (c) Canon and Fugue (722);
- (d) History of Music IV (729);
- (e) Orchestration II (736);
- (f) Essay II (740);

and in addition shall satisfy the examiners in:—

Practical Tests IV (744).

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 13.

A. For the entrance examination in the Theory of Music, if required	- - - - -	£2 2 0
B. For each year's work and examination	- - -	42 0 0
C. On entry for the final examination for either the Or- dinary degree or the Honours degree	- - -	10 10 0
D. For a supplementary examination in any subject of a year's work	- - - - -	5 5 0
E. For admission to the degree	- - - - -	5 5 0
F. For any subject of a year's work taken separately	-	8 8 0

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.

* Allowed 10th December, 1919.

- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
- Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡Allowed 18th October, 1956.

‡Allowed 10th August, 1916.

Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 7

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

OF THE DIPLOMA IN PUBLIC ADMINISTRATION REGULATIONS

1. There shall be a diploma in Public Administration.

2. For admission to the course for the diploma a candidate shall have passed in four subjects, including English, at the Leaving Examination; and if Arithmetic or Mathematics I or Mathematics II is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

3. To qualify for the diploma a candidate shall (a) attend courses of lectures and pass examinations in the subjects set out in Schedule I made by the Council and (b) have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organization or enterprise approved by the Faculty; provided that for this purpose each completed two years' service as a junior officer shall be accepted as equivalent to one year of adult service.

4. The regulations of the degree of Bachelor of Economics shall, *mutatis mutandis*, be applicable to studies for the diploma insofar as they are not repugnant to any condition or requirement specified in these regulations.

5. A candidate who has fulfilled the conditions of these regulations shall be entitled to receive the diploma, to style himself an Associate of the University, and to use the letters A.U.A.

6. A graduate in the Faculty of Economics shall not be eligible to qualify also for the diploma and not more than two subjects presented for any other degree or diploma may be presented for the Diploma also.

7. Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Economics may count towards that degree subjects which he has already presented for the diploma provided:

- (a) that he fulfils the requirements for the degree in all respects, and
- (b) that he surrenders his diploma before being admitted to the degree.

Allowed 22nd January, 1953.

Schedule I: Courses of Study

1. The subjects which a candidate for the Diploma shall complete are:

Politics I (61), II (62) and IIIA (63);
 Social Economics (150) (*or* Economics I (151) with the approval of the Dean);
 Public Finance (169);

and two of the following subjects:

Economic History (History IIB) (55);
 Economic Geography (95);
 Economic Statistics I (161);
 Elements of Accounting (171);
 Any first-year Arts subjects as listed for the Ordinary degree except for the Science subjects;
 Economics II (152) (with the approval of the Dean).

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 already completed subjects for the diploma prior to 1957 may continue under the Schedules for 1956, 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.

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 - - - -	£5 5 0
C. For a supplementary examination in Public Finance	2 12 6
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 (751, 752, and 753); Pharmacy I (754 and 755); Organic Chemistry (761 and 762); Biology (763); Botany and Pharmacognosy (771); Pharmacy II (772, 773 and 774); Pharmacy III (781, 782 and 783); and Pharmacy IV (791, 792, 793, 794 and 795).

††(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 18th October, 1956.

‡ Allowed 20th December, 1956.

* Allowed 10th December, 1936.

†† Allowed 22nd December, 1955.

Allowed 7th December, 1932.

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) have matriculated in one of the Faculties of Arts, Science, Medicine and Dentistry, or have passed the Leaving Examination in five subjects, including English.
- (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 named in paragraph (a.) of Regulation 2;
- (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.

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): £105 payable in two annual instalments of £52/10/- 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 (801)	-	-	-	-	-	£10	10	0
Hygiene (804)	-	-	-	-	-	5	5	0
Body Mechanics (806)	-	-	-	-	-	5	5	0
First Aid (809)	-	-	-	-	-	1	1	0
Practice of Physical Education (811)	-	-	-	-	-	10	10	0
History of Education (813)	-	-	-	-	-	5	5	0
Practical Work, Part I (816)	-	-	-	-	-	21	0	0

Third-year Course:

Human Physiology (802)	-	-	-	-	£10	10	0
Human Nutrition (807)	-	-	-	-	5	5	0
Clinical Observation and Remedial Work (808)					5	5	0
Principles of Physical Education (812)	-	-	-	-	10	10	0
Physical Psychology (814)	-	-	-	-	5	5	0
Practical Work, Part II (816)	-	-	-	-	21	0	0
E. For each section of either part of the Practical Work					4	4	0
F. For the course in Practical Teaching	-	-	-	-	5	5	0
G. For a supplementary examination in any subject	-	-	-	-	5	5	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 19 years of age;

(b) i. be a graduate, or

ii. be matriculated or hold the Leaving Certificate, or

iii. being over the age of twenty-five years have satisfied the Council of his being competent to proceed to the Diploma;

(c) present a medical certificate of health;

(d) have been approved by the Council as a suitable person to undertake social work.

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 in Arts or Economics 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.

Allowed 20th December, 1956.

Schedule I: Subjects

The subjects prescribed under Section (a) of Regulation 3 are:

First Year:

Social Biology (A or B) (833);
 Psychology I or IA (81) or (80);
 Economics I (151) or Social Economics (150);
 Social Organisation (843);
 Social Work I (836).

Second Year:

Social Psychology (841) or Psychology III (85);
 Human Nutrition (845);
 Social History (51) or History IIB (55) or Politics II (62);
 Social Work II (833).

Third Year:

Sociology (839);
 Social Work III (838).

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, 1960, or such later date as the Board in special cases may determine.

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.

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	-	-	-	-	£5 5 0
	In Human Nutrition	-	-	-	-	5 5 0
	In Social Work III	-	-	-	-	21 0 0
	In each other subject	-	-	-	-	10 10 0
C. For the Diploma - - - - - 5 5 0						

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) have passed in at least four subjects at the Leaving Examination, including English and at least two of Physics, Mathematics I, Chemistry and Physiology; if Physics and Physiology be not included, these subjects or General Science (two subjects must have been passed at the Intermediate Examination);
 - (c) present a medical certificate approved by the Council.
3. To obtain the Diploma a candidate shall attend regularly courses of lectures and practical work and pass the examinations proper to each year before commencing the course of study and practice for the following year.
4. The course shall extend over three years and 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 Board of Studies in Physiotherapy and be submitted to and approved by the Council.

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.

† Allowed 17th January, 1952.

5. A candidate who entered upon the course for the Diploma awarded by the Australian Physiotherapy Association may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. At the First Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy I (including Histology) (861).
- (2) Physiology (862).
- (3) Physics (including the Physics of Medical Electricity) (863).
- (4) Theory of Massage and Manipulation (864).
- * (5) Social Psychology (866).

*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy II (including Histology) (871).
- ‡ (2) Theory of Treatments and Practice of Massage (872).
- (3) Theory of Movement (873).
- (4) Theory of Medical Electricity (875).
- (5) Pathology (874).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Practice of Massage (876).
- (2) Practice of Remedial Exercises (876).
- (3) Practice of Medical Electricity (875).
- (4) Theory and Practice of Muscle Re-education (881).
- ‡ (5) Theory and Practice of Specialised Treatments (882).

9. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he has 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.

10. 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.

11. 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 10th January, 1946.

‡ Allowed 8th December, 1949.

Allowed 9th August, 1945.

Schedule of Fees made under Regulation 4.

A. For each year's work, including one annual examination	-	-	-	-	-	-	-	-	£63	0	0
B. For a supplementary examination in any subject	-	-	-	-	-	-	-	-	5	5	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.

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, and two members of the Faculty of Medicine, 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.

10. Each candidate shall pursue his approved course to the satisfaction of the Board in a department of the University under the

* Amended 11th November, 1954, and 22nd December, 1955.

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. The thesis shall be referred to two examiners appointed on the recommendation of the Faculty concerned, one of whom shall be an external examiner. If the examiners do not agree in their recommendations the thesis may be referred to a third examiner. The candidate shall be examined orally or otherwise, at the discretion of the examiners, on the subject of his thesis and the general field of knowledge within which it falls, and the examiners shall report thereon to the Faculty. This examination may in special cases and on the recommendations of the examiners and of the Faculty concerned, be dispensed with by the Board.

* Allowed 25th August, 1955.

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. A copy of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

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:

In the Faculties of Science and Agricultural Science: An Honours or Master's degree in Science or Agricultural Science.

In the Faculty of Engineering: An Honours or Master's degree.

In the Faculty of Arts: An Honours or a Master's degree.

In the Faculty of Medicine: The Honours degree of Bachelor of Medical Science.

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	-	-	-	-	-	-	£8 15 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 0 0

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

FACULTIES OF SCIENCE AND AGRICULTURAL SCIENCE

Notes to Candidates for Higher Degrees

Candidates for higher degrees pursue a course of research under the direction of a supervisor. The latter will report formally to the Board of Research Studies each year on the work of the research student. The supervisor will also report when in his opinion the research 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.

The supervisor will maintain fairly close contact with the research student. *The research student 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.

The function of the supervisor will be 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 largely the student's unaided work, assisted only by the general aid obtained by discussion with his supervisor as to the most satisfactory method of presenting his material. In the case of a student for whom English is not his mother tongue, some editing of syntax may be done if the need exists and if such help seems to be reasonable.

The examination of the thesis submitted by a candidate for a higher degree will be conducted by examiners appointed for the purpose by the Faculty. Such examiners may also examine the candidate orally or in writing at their discretion on the subject of his thesis and the field within which it lies, i.e., they will conduct any examination of the candidate prescribed by the Board under Regulation 6 of the degree of Master of Science, under Regulation 14 of the degree of Doctor of Philosophy, or under Regulation 7 of the degree of Master of Agricultural Science.

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 School of Mines and Industries.

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:

- Architecture,
- Chemical Technology,
- Civil Engineering,
- Electronic Engineering,
- Electrical Engineering,
- Mechanical Engineering,
- Extractive Metallurgy,
- Physical Metallurgy,
- Mineral Dressing,
- Surveying.

(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 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.

*Awaiting allowance at time of printing.

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.

Schedules made by the Council under Regulation 2

ARCHITECTURE (to be published later)

CHEMICAL TECHNOLOGY

CIVIL ENGINEERING

ELECTRICAL ENGINEERING

ELECTRONIC ENGINEERING

MECHANICAL ENGINEERING

EXTRACTIVE METALLURGY

PHYSICAL METALLURGY

MINERAL DRESSING

SURVEYING

BACHELOR OF TECHNOLOGY COURSE IN ARCHITECTURE

(Schedules not yet available)

BACHELOR OF TECHNOLOGY COURSE IN CHEMICAL TECHNOLOGY (COURSE A)

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M. }	10 10 0
	Tutorial	1	S.M. }	
221	Physics I, Lectures	3	S.M. }	10 10 0
	Practical	3	S.M. }	9 9 0
231	Chemistry I, Lectures	3	U. }	10 10 0
	Practical	6	S.M. }	9 9 0
1212	Engineering Drawing and Design I, Practical	4	S.M. }	5 5 0
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U. }	8 8 0
	Practical	6	S.M. }	12 12 0
236A	Organic Chemistry IIA, Lectures	2	U. }	8 8 0
	Practical	6	U. }	12 12 0
1257	Process Technology, Lectures	2 ²	3 ¹ U./S.M. }	9 15 0
1209	Materials and Structures, Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1201	Mechanical Engineering I (T), Lectures	2	S.M. }	4 10 0
THIRD YEAR				
1252	Applied Chemistry (Inorganic), Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1253	Applied Chemistry (Organic), Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1258	Unit Operations, Lectures	1	U. }	4 4 0
	Practical	3	U. }	6 6 0
1270	Engineering Materials, Lectures	1	S.M. }	4 10 0
	Practical	3 ²	S.M. }	
1052	Electrical Engineering IIA (T), Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1213	Engineering Drawing and Design II, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1265	Industrial Economics, Lectures	1 ²	U. }	2 16 0
1251	*Analytical Chemistry, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1256	*Industrial Instrumentation, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	

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 £10 10 0.

* Omit one of these subjects.

BACHELOR OF TECHNOLOGY COURSE IN CHEMICAL TECHNOLOGY (COURSE B)†

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M. }	10 10 0
	Tutorial	1	S.M. }	
221	Physics I, Lectures	3	S.M. }	10 10 0
	Practical	3	S.M. }	9 9 0
231	Chemistry I, Lectures	3	U. }	10 10 0
	Practical	6	S.M. }	9 9 0
269	Biology, Lectures	2	U. }	10 10 0
	Practical	4	U. }	9 9 0
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U. }	8 8 0
	Practical	6	S.M. }	12 12 0
236A	Organic Chemistry IIA, Lectures	2	U. }	8 8 0
	Practical	6	U. }	12 12 0
1212	Engineering Drawing and Design I, Practical	4	S.M. }	5 5 0
807	Human Nutrition	1	U. }	5 5 0
1257	Process Technology, Lectures	2 ²	3 ¹ U./S.M. }	9 15 0
1280	Industrial Microbiology I, Lectures	2	U. }	8 8 0
	Practical	4	U. }	8 8 0
THIRD YEAR				
1252	Applied Chemistry (Inorganic), Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1253	Applied Chemistry (Organic), Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1216	Principles of Business and Industry, Lectures	2	S.M. }	4 10 0
1258	Unit Operations, Lectures	1	U. }	4 4 0
	Practical	3	U. }	6 6 0
1209	*Materials and Structures, Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1204	*Refrigeration Engineering I, Lectures	2	S.M. }	4 10 0
1256	*Industrial Instrumentation, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1281	Industrial Microbiology II, Lectures	2	U. }	8 8 0
	Practical	6	U. }	12 12 0

* Omit two of these subjects.

† At the time of printing the provision of this Course had been approved for the single three-year Course beginning with the first-year work in 1958.

BACHELOR OF TECHNOLOGY COURSE IN CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	£	Fee s.	d.
FIRST YEAR						
1151	Pure Mathematics I (T), Lectures	4	S.M.	10	10	0
	Tutorial	1	S.M.			
221	Physics I, Lectures	3	S.M.	10	10	0
	Practical	3	S.M.			
232	Chemistry IA, Lectures	2	S.M.	13	10	0
	Practical	3	S.M.			
1212	Engineering Drawing and Design I, Practical	4	S.M.	5	5	0
1214	Workshop Practice I, Lectures	1 ²	S.M.			
	Practical	3 ²	S.M.	3	10	0
1201	Mechanical Engineering I (T), Lectures	2	S.M.			
SECOND YEAR						
1001	Structures I, Lectures	3	S.M.	9	0	0
	Practical	4	S.M.			
1008	Surveying IA, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			
1008A	Survey Camp		S.M.	3	3	0
1211	Hydraulics (T), Lectures	1	S.M.	3	0	0
	Practical	3 ¹	S.M.			
1152	Pure Mathematics II (T), Lectures	2	S.M.	5	5	0
	Tutorial	1	S.M.			
1153	Applied Mathematics (T), Lectures	3	S.M.	7	10	0
	Tutorial	1	S.M.			
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			
THIRD YEAR						
1002	Civil Engineering A, Lectures	3	S.M.	9	0	0
	Practical	5 ⁰	S.M.			
1003	Civil Engineering B, Lectures	4	S.M.	9	0	0
	Practical	3	S.M.			
1004	Structures II, Lectures	1	S.M.	9	0	0
	Practical	7	S.M.			
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6	15	0
	Practical	2	S.M.			
1005	Methods of Construction & Management, Lectures	1	S.M.	2	5	0
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 £10 10 0.						
* Including Seminars.						

BACHELOR OF TECHNOLOGY COURSE IN ELECTRICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	£	Fee s.	d.
FIRST YEAR						
1151	Pure Mathematics I (T), Lectures	4	S.M.	10	10	0
	Tutorial	1	S.M.			
221	Physics I, Lectures	3	S.M.	10	10	0
	Practical	3	S.M.			
232	Chemistry IA, Lectures	2	S.M.	13	10	0
	Practical	3	S.M.			
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4	10	0
1212	Engineering Drawing and Design I, Practical	4	S.M.			
1214	Workshop Practice I, Lectures	1 ²	S.M.	3	10	0
	Practical	3 ²	S.M.			
SECOND YEAR						
1051	Electrical Engineering II (T), Lectures	2	S.M.	6	15	0
	Practical	2	S.M.			
1202	Mechanical Engineering II (T), Lectures	2	S.M.	6	0	0
	Practical	2 ²	S.M.			
1208	Strength of Materials (T), Lectures	2	S.M.	8	5	0
	Practical	3	S.M.			
1152	Pure Mathematics II (T), Lectures	2	S.M.	5	5	0
	Tutorial	1	S.M.			
1153	Applied Mathematics (T), Lectures	3	S.M.	7	10	0
	Tutorial	1	S.M.			
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			
THIRD YEAR						
1054	Electrical Engineering III (T), Lectures	2	S.M.	6	15	0
	Practical	2	S.M.			
1104	Applied Electronics, Lectures	1	S.M.	4	10	0
	Practical	2	S.M.			
1207	Machine Design, Lectures	2	S.M.	6	15	0
	Practical	3 ²	S.M.			
1270	Engineering Materials, Lectures	1	S.M.	4	10	0
	Practical	3 ²	S.M.			
1215	Workshop Practice II, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			
1055	Automatic Control, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			
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 £10 10 0.						

BACHELOR OF TECHNOLOGY COURSE IN ELECTRONIC ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
1214	Workshop Practice I, Lectures	1 ²	S.M.	3 10 0
	Practical	3 ²	S.M.	
SECOND YEAR				
1101	Communication Engineering I, Lectures	3	S.M.	9 0 0
	Practical	3	S.M.	
1051	Electrical Engineering II (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1104	Applied Electronics (Terms 2 and 3), Lectures	1 ²	S.M.	3 0 0
	Practical	2 ²	S.M.	
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1154	Electron Physics, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1270	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	3 ²	S.M.	
THIRD YEAR				
1102	Communication Engineering II, Lectures	2	S.M.	9 0 0
	Practical	4	S.M.	
1054	Electrical Engineering III (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1107	Pulse Techniques, Lectures	1	S.M.	4 10 0
	Practical	2	S.M.	
1105	Electronic Engineering Design, Lectures	1	S.M.	4 10 0
	Practical	2	S.M.	
1055	Automatic Control, Lectures (Short Course)	1	S.M.	4 10 0
	Practical	2	S.M.	
1106	Electronic Measurements (Terms 1 & 2), Lectures	1 ²	S.M.	3 0 0
	Practical	2 ²	S.M.	

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 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE A)

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
1214	Workshop Practice I, Lectures	1 ²	S.M.	3 10 0
	Practical	3 ²	S.M.	
SECOND YEAR				
1202	Mechanical Engineering II (T), Lectures	2	S.M.	6 0 0
	Practical	2 ²	S.M.	
1208	Strength of Materials (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1153	Applied Mathematics (T), Lectures	3	S.M.	7 10 0
	Tutorial	1	S.M.	
1270	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	3 ²	S.M.	

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
THIRD YEAR				
✓ 1203	Mechanical Engineering III (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
✓ 1207A	Machine Design Project, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
✓ 1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
✓ 1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
✓ 1263	Metal Fabrication, Lectures	1	S.M.	2 5 0
✓ 1264	Foundry Practice, Lectures	1	S.M.	
	Practical	3	S.M.	6 0 0
1104	*Applied Electronics, Lectures	1	S.M.	
	Practical	2	S.M.	4 10 0
✓ 1256	*Industrial Instrumentation, Lectures	1	S.M.	
	Practical	3	S.H.	6 0 0

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 £10 10 0.

* Omit one of these subjects.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE B)

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1204	Refrigeration Engineering I, Lectures	2	S.M.	4 10 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	
1214	Workshop Practice I, Lectures	1 ^a	S.M.	3 10 0
	Practical	3 ²	S.M.	
SECOND YEAR				
1205	Refrigeration Engineering II, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1208	Strength of Materials (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1153	Applied Mathematics (T), Lectures	3	S.M.	7 10 0
	Tutorial	1	S.M.	
1268	Chemistry I, Organic (T), Lectures	1	S.M.	6 13 0
	Practical	2	S.M.	
THIRD YEAR				
1206	Refrigeration Engineering III, Lectures	2	S.M.	6 15 0
	Practical	3 ^a	S.M.	
1203	Mechanical Engineering III (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1270	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	3 ^a	S.M.	
1021	*Principles of Business and Industry, Lectures	2	S.M.	4 10 0
1256	*Industrial Instrumentation, Lectures	1	S.M.	
	Practical	3	S.M.	6 0 0
1104	*Applied Electronics, Lectures	1	S.M.	
	Practical	2	S.M.	4 10 0

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 £10 10 0.

* Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

BACHELOR OF TECHNOLOGY COURSE IN EXTRACTIVE METALLURGY

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
231	Chemistry I, Lectures	3	U.	10 10 0
	Practical	3	S.M.	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1257	Process Technology, Lectures	2 ²	U./S.M.	9 15 0
1209	Materials and Structures, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
251A	Geology IA, Lectures	2 ²	U.	7 0 0
	Practical	4 ²	U.	6 6 0
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
THIRD YEAR				
1254	Extractive Metallurgy I, Lectures	2	S.M.	9 0 0
	Practical	6	S.M.	
1260	Mineral Dressing IA, Lectures	1	U.	3 0 0
	Practical	3 ¹	U.	
1258	Unit Operations, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1261A	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1269	Assaying, Practical	3	S.M.	3 15 0
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1256	Industrial Instrumentation, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1265	Industrial Economics, Lectures	1 ²	U.	2 16 0

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 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN PHYSICAL METALLURGY

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	9 9 0
231	Chemistry I, Lectures	3	U.	10 10 0
	Practical	6	S.M.	9 9 0
465	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1261	Physical Metallurgy II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
1209	Materials and Structures, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
THIRD YEAR				
1262	Physical Metallurgy III, Lectures	1	S.M.	9 0 0
	Practical	9	S.M.	
1255	Extractive Metallurgy IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1263	Metal Fabrication, Lectures	1	S.M.	2 5 0
1264	Foundry Practice, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1251	Analytical Chemistry, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1265	Industrial Economics, Lectures	1 ²	U.	2 16 0

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 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN MINERAL DRESSING

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	9 9 0
231	Chemistry I, Lectures	3	U.	10 10 0
	Practical	6	S.M.	9 9 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1257	Process Technology, Lectures	2 ²	U./S.M.	9 15 0
1209	Materials and Structures, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
251A	Geology IA, Lectures	2 ²	U.	7 0 0
	Practical	4 ²	U.	6 6 0
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0

THIRD YEAR				
1259	Mineral Dressing I, Lectures	2	U.	9 0 0
	Practical	6	U.	
1255	Extractive Metallurgy IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
471	Mining Engineering I, Lectures	2	U.	8 8 0
1269	Assaying, Practical	3	S.M.	3 15 0
1256	Industrial Instrumentation, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1266	Fluid Mechanics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1265	Industrial Economics, Lectures	1 ²	U.	2 16 0

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 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN SURVEYING

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
221	Physics I, Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	9 9 0
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
1008	Surveying IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1008A	Survey Camp		S.M.	3 3 0

SECOND YEAR				
1010	Surveying II, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1015	Astronomy, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1009	Surveying Computations, Lectures	3	S.M.	6 0 0
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1159	Applied Mathematics (T), Lectures	3	S.M.	7 10 0
	Tutorial	1	S.M.	
1007	Town Planning Practice, Lectures	1	S.M.	2 5 0
1019	Applied Geology & Economic Geography, Lectures	1	S.M.	2 5 0
1020	Building Construction and Drawing IA, Lectures	1	S.M.	4 10 0
	Practical	2	S.M.	

THIRD YEAR				
1014	Geodesy, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1011	Land Surveying Drafting and Design, Practical	3	S.M.	3 15 0
1012	Mine Surveying, Lectures	1	S.M.	2 5 0
1013	Photogrammetry, Lectures	3	S.M.	9 0 0
	Practical	6	S.M.	
1211	Hydraulics (T), Lectures	1	S.M.	3 0 0
	Practical	3 ¹	S.M.	
1006	Soils Investigations, Lectures	1	S.M.	4 10 0
	Practical	3 ²	S.M.	
1018	Land Valuation—Principles and Practice, Lectures	1	S.M.	2 5 0
1017	Law in Relation to Planning, Lectures	1	S.M.	2 5 0
1016	Laws and Regulations Governing Surveys, Lectures	2	S.M.	4 10 0

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 £10 10 0.

* Practical work at Broken Hill during vacation.

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.

Awaiting allowance at time of printing.

OF THE DEGREE OF BACHELOR OF ARCHITECTURE
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 (1301);
 - Pure Mathematics I (1302);
 - Building Science I (1303);
 - History of Architecture I (1304);
 - Architectural Design and Planning I (1305);
 - Architectural and Free Drawing (1306);
 - Studio work I (1307).
- (b) Second Year:
 - Building Construction II (1311);
 - Structures I (1312);
 - Building Science II (1313);
 - History of Architecture II (1314);
 - Architectural Design and Planning II (1315);
 - Studio work II (1316).
- (c) Third Year:
 - Building Construction III (1321);
 - Structures II (1322);
 - Building Science III (1323);
 - Surveying (1325);
 - Architectural Design and Planning III (1326);
 - Studio work III (1327);
 - Professional Practice I (1324).
- (d) Fourth Year:
 - Building Construction IV (1331);
 - Structures III (1332);
 - Building Science IV (1333);
 - Professional Practice II (1334);
 - Studio work IV (1335).
- (e) Fifth Year:
 - Structures IV (1341);
 - Building Science V (1342);
 - Professional Practice III (1343);
 - Town and Country Planning and Civic Design (1344);
 - Studio work V and Thesis (1345 and 1346).

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 | £63 0 0 |
| (The annual fee will include the fee payable for a subject taken at the S.A. School of Mines & Industries.) | |
| (2) For a supplementary or special examination (theoretical or practical or both) in any subject | 5 5 0 |
| (3) For subjects taken separately: £10 10 0 each up to a maximum of the annual fee of £63 for the full year's course. | |

B. For the Honours Degree:

- | | |
|---|--------|
| For the additional Honours work and examination | 21 0 0 |
|---|--------|

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 does not include the Statutory Annual Fee and the General Service Fee, which are payable by all undergraduates and candidates for diplomas, nor does it include hospital fees payable by medical students, and other incidental fees.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

I. DEGREE OF BACHELOR OF ARTS

A. Ordinary Degree of B.A.:

- | | |
|---|----------|
| (1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - - | £10 10 0 |
| (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures | 5 5 0 |
| (3) 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 Interim Honours course - - | 10 10 0 |
| (3) For instruction and final examination in the following schools: | |
| Classics - - - - - | 42 0 0 |
| Politics - - - - - | 42 0 0 |
| History - - - - - | 42 0 0 |
| Philosophy - - - - - | 42 0 0 |
| Mathematics - - - - - | 52 10 0 |
| English Language and Literature: | |
| Under Scheme A - - - - - | 52 10 0 |
| Under Scheme B - - - - - | 42 0 0 |
| French Language and Literature - - | 42 0 0 |
| Economics - - - - - | 42 0 0 |
| Geography - - - - - | 42 0 0 |
| German - - - - - | 42 0 0 |
| Psychology - - - - - | 52 10 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

A. For attendance (or re-attendance) at lectures and annual examination:			
(1) In Hygiene - - - - -	£5	5	0
(2) In Educational Psychology, Parts I and II—each part - - - - -	5	5	0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II and III—each part - - - - -	5	5	0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	2	12	6
C. For the course in Practical Teaching - - - - -	5	5	0
D. 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. - - - - -	£21	0	0
(2) For guidance without instruction - - - - -	10	10	0
B. Under Regulation 3:			
On approval of the subject of the thesis or on beginning the course of study - - - - -	10	10	0
C. On submission or re-submission of the thesis - - - - -	10	10	0
D. On admission to the degree - - - - -	10	10	0

IV. 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

V. 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 - - - - -	£10	10	0
(3) For a special examination in any subject or for an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	5	5	0
B. For the Honours work and final Honours examination in Economics - - - - -	42	0	0

VI. DECREE 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 - - - - -	£21 0 0
(2) For guidance without instruction - - -	10 10 0
B. On approval of the subject of the thesis - - -	10 10 0
C. On submission or re-submission of the thesis - - -	10 10 0
D. On admission to the degree - - - - -	10 10 0

VII. DEGREE OF BACHELOR OF SCIENCE

	Lectures	Practical Work
A. For the Ordinary Degree:		
(1) Pure Mathematics I, II and III, Applied Mathematics I, II and III, Statistical Methods, Mathematical Statistics, and First and Second-year Honours courses in Mathematics: each - - -	£10 10 0	
(2) Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology: each - - -	10 10 0	£9 9 0
(3) Physics II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Geology II, Botany II, Zoology II, Bacteriology II and Genetics I: each - - - - -	10 10 0	15 15 0
(4) Physics III, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II and Genetics II: each - - -	10 10 0	26 5 0
(5) Special Subjects:		
Economics (for Forestry students) - - - - -	10 10 0	
Soil Science IA - - - - -	10 10 0	9 9 0
Palaeontology - - - - -	10 10 0	9 9 0
Botany IIA - - - - -	12 12 0	18 18 0
Histology (inclusive fee) - - -	10 10 0	
A composite subject in lieu of a subject from Group C (inclusive fee) - - - - -	36 15 0	
Scientific German (for candidates other than Honours students) - - - - -	2 2 0	

	Lectures	Practical Work
B. For the Honours Degree of B.Sc.		
For the Honours work and final examination:		
(1) In Mathematics: as for the Honours degree of B.A.		
(2) In any other subject - - -	£52 10 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) - - - - -		£5 5 0
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.		

VIII. DEGREE OF MASTER OF SCIENCE

For work in the laboratory (if required or undertaken) - - - - - each year	£26 5 0
On submission or re-submission of the thesis - - -	10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - - -	10 10 0

IX. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

X. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

A. For the Ordinary Degree:	
(1) For each year's work, including one annual examination - - - - -	£78 15 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	5 5 0

Note: (a) 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 students completing their courses under the 1955 or earlier regulations the cost of the fourth year's work (at Roseworthy Agricultural College) has been increased to £81/4/-.

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 - - - - -	
	52 10 0

XI. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

For work in the laboratory (if required or undertaken) - - - - - each year	£26	5	0
On presentation or re-presentation of the thesis - - -	10	10	0
On entry for any examination required - - - -	10	10	0
On admission to the degree - - - - -	10	10	0

XII. DEGREE OF MASTER OF ENGINEERING

For work in the laboratory (if required or undertaken) - - - - - each year	£26	5	0
On presentation or re-presentation of the thesis - - -	10	10	0
On entry for any examination required - - - -	10	10	0
On admission to the degree - - - - -	10	10	0

XIII. 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, £8 8 0; Practical, £18 18 0			
C. For a special examination (theoretical or practical or both) in any University subject - - - -	5	5	0

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts are as prescribed by those institutions.

Note: The cost of field excursions associated with the various subjects is not included in the annual fee.

XIV. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

A. Entrance fee - - - - -	£3	3	0
B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course -	10	10	0
C. For attendance at the course of lectures in Legal Ethics - - - - -	3	10	0
D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.			
E. For examination in Justinian's Institutes - - -	5	5	0
F. For the additional examination required for the Honours degree of Bachelor of Laws - - -	10	10	0
G. For the Final Certificate - - - - -	5	5	0
H. For a supplementary examination in any subject	5	5	0

XV. DEGREE OF MASTER OF LAWS

On presentation of the thesis - - - - -	£10	10	0
On entry for any examination required - - - -	10	10	0
On admission to the degree - - - - -	10	10	0

XVI. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XVII. 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						£80	0	0
(2) In each of the fourth, fifth and sixth years						70	0	0
B. For a supplementary examination:								
(1) In any single subject	-	-	-	-	-	5	5	0
(2) In any group of subjects	-	-	-	-	-	10	10	0

XVIII. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Ordinary degree or for the Honours degree	-	-	-	-	-	£52	10	0
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XIX. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XX. DEGREE OF MASTER OF SURGERY

On entry for examination in Part I	-	-	-	-	-	£15	15	0
On entry for examination in Part II	-	-	-	-	-	26	5	0
On admission to the degree	-	-	-	-	-	10	10	0

XXI. 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								
	-	-	-	-	-	£75	0	0
B. For a supplementary examination in any subject								
	-	-	-	-	-	5	5	0

XXII. DEGREE OF MASTER OF DENTAL SURGERY

A. For instruction or laboratory work in any subject or group of subjects: such fees as may be pre- scribed from time to time by the Council.								
B. On presentation of the thesis								
	-	-	-	-	-	£15	15	0
C. On entry for examination in Part I								
	-	-	-	-	-	15	15	0
D. On entry for examination in Part II								
	-	-	-	-	-	15	15	0
E. On admission to the degree								
	-	-	-	-	-	10	10	0

If a candidate is exempted from part of the examination an appropriate adjustment in fees will be made by the Council.

XXIII. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XXIV. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required	£2	2	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium	63	0	0
C. For a supplementary examination in any subject of a year's work	5	5	0
D. For the diploma	5	5	0

XXV. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination	£21	0	0
For the Fellowship	10	10	0

XXVI. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required	£2	2	0
B. For each year's work and examination	42	0	0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	10	10	0
D. For a supplementary examination in any subject of a year's work	5	5	0
E. For admission to the degree	5	5	0
F. For any subject of a year's work taken separately	8	8	0

XXVII. 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

XXVIII. 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	5	5	0
C. For a supplementary examination in Public Finance	2	12	6
D. For the diploma	5	5	0

XXIX. DIPLOMA IN PHARMACY

For the diploma	£5	5	0
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XXX. 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): £105 payable in two annual instalments of £52/10/- 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	-	-	-	-	-	-	£10	10	0
Hygiene	-	-	-	-	-	-	5	5	0
Body Mechanics	-	-	-	-	-	-	5	5	0
First Aid	-	-	-	-	-	-	1	1	0
Practice of Physical Education	-	-	-	-	-	-	5	5	0
History of Education	-	-	-	-	-	-	5	5	0
Practical Work, Part I	-	-	-	-	-	-	21	0	0

Third-year Course:

Human Physiology	-	-	-	-	-	-	10	10	0
Human Nutrition	-	-	-	-	-	-	5	5	0
Clinical Observation and Remedial Work	-	-	-	-	-	-	5	5	0
Principles of Physical Education	-	-	-	-	-	-	5	5	0
Physical Psychology	-	-	-	-	-	-	5	5	0
Practical Work, Part II	-	-	-	-	-	-	21	0	0

E. For each section of either part of the Practical Work - - - - - 4 4 0

F. For the course in Practical Teaching - - - 5 5 0

G. For a supplementary examination in any subject - 5 5 0

H. For the Diploma - - - - - 5 5 0

XXXI. 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	-	-	-	-	-	£5	5	0
In Human Nutrition	-	-	-	-	-	5	5	0
In the Principles and Practice of Social Work III	-	-	-	-	-	21	0	0
In each other subject	-	-	-	-	-	10	10	0

C. For the Diploma - - - - - 5 5 0

XXXII. DIPLOMA IN PHYSIOTHERAPY

A. For each year's work, including one annual examination - - - - - £63 0 0

B. For a supplementary examination in any subject - 5 5 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.

XXXIII. 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 - - - - -	£8 15 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 0 0

XXXIV. 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.

XXXV. DEGREE OF BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:

(1) For each year's work, including one annual examination - - - - -	£63 0 0
(The annual fee will include the fee payable for a subject taken at the S.A. School of Mines and Industries.)	
(2) For a supplementary or special examination (theoretical or practical or both) in any subject	5 5 0
(3) For subjects taken separately: £10 10 0 each up to a maximum of the annual fee of £63 for the full year's course	

B. For the Honours degree:

For the additional Honours work and examination	21 0 0
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RULES FOR THE UNIVERSITY LIBRARY

I. OPENING AND CLOSING OF THE LIBRARY.

The Library shall be open daily from 9 a.m. to 5 p.m., excepting Saturday afternoons, Sundays, public holidays, and such other times as the Council may direct that it shall be closed. It shall also be open on such evenings as the Library Committee may direct.

II. PERSONS ENTITLED TO USE THE LIBRARY.

1. The following persons shall be entitled to use the Library for reading purposes:—

Members, and past members, of the University Council.

Graduates of the University.

Members of the teaching staff of the University or Conservatorium, and members of any Faculty or Board of the University.

Officers of the administrative staff.

Students attending lectures at the University.

2. Other persons who are desirous of using the Library for the purposes of study may, on application to the Library Committee, be permitted to use it for a fixed period.

III. CONDUCT OF READERS.

1. Books are not to be removed from the Library, except as provided in Section IV.

2. After books have been taken from the shelves they are not to be returned thereto, but left on the tables.

3. Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure any book, whether by writing or in any other 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.

IV. BORROWING OF BOOKS.

1. Members of the Council, Professors, full-time Lecturers, the Registrar, other senior members of the administrative staff, the Head and the Deputy Head of each affiliated College, and such other persons as the Council may from time to time approve, shall be entitled to borrow books from the Library.

2. Members of the teaching, research and administrative staffs, other than those named in Clause 1 of this section, graduates of the University, graduates of other universities recognised by the University of Adelaide, and such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve, may borrow books other than periodicals, provided that they have lodged with the University Accountant a deposit of two pounds (£2) in security for the due return of books and payment of any fines or penalties that may be incurred. The deposit, subject to deductions aforesaid, shall be returned on application when the borrower no longer wishes to borrow from the Library. Graduates shall be entitled to borrow from the Barr Smith Library only.

A student who has paid the General Service Fee may, during the year for which it has been paid, borrow books other than periodicals without lodging a deposit.

Borrowing under this Rule 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.
If a borrower fails to comply with this rule he shall incur a penalty of twopence a volume for each day of detention beyond the specified time.
- (iii) Temporarily reserved books may be borrowed on a week-night between 8.30 p.m. and 9 p.m. until 9.15 a.m. on the following morning, and between 11 a.m. and 11.30 a.m. on a Saturday until 9.15 a.m. on the following Monday. A borrower failing to comply with this rule shall incur a penalty of one shilling a volume for each hour of detention beyond the specified time.

3. For each book borrowed a voucher must be filled in and deposited with the Librarian. No book may, in any circumstances, be taken out of the Library until a borrowing voucher has been given for it. Any infringement of this rule shall render the borrower liable to a fine of one pound.

4. Notwithstanding Rule 2 (ii) above, the Librarian may recall a book at any time, and thereupon the book shall be returned within three days. A fine of twopence a volume for each day of detention beyond the three shall be imposed.

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.

5. 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 suspended from the privileges of the Library.

6. 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 the use of the Library shall be suspended.

7. Any book may be borrowed with the exception of works specially reserved; such books may be borrowed only by permission of the Library Committee. No book shall be borrowed until it has been in the Library seven days. Books may be borrowed until one hour before closing time on weekdays and until half an hour before closing time on Saturdays.

8. Periodicals, bound and unbound, shall be issued from the Library to those entitled to borrow under Section IV.1. Other members of the teaching staff (including full-time demonstrators), research fellows and research scholars may borrow bound and unbound periodicals on the conditions prescribed in Section IV.2. Honours and postgraduate students may borrow such bound volumes of periodicals as are approved by a professor or his deputy, but the approval must be given on a prescribed form in each case.

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.

9. Notwithstanding the foregoing rules, a variation may be made at any time by the Council.

V. RULES FOR THE CONSERVATORIUM LIBRARY

1. 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.

2. 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

1. Medical graduates who are members of the British 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.

2. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council, December, 1956.

LABORATORY RULES RULES APPLYING TO ALL LABORATORIES

Candidates desiring to enter upon any laboratory course in the University must enter their names with the Registrar not later than the seventh Monday in the year.

Provisional entry must be made by that date by students who intend to qualify to take a particular course by presenting themselves for a supplementary examination in February or March. The entry must be completed and the proper fees paid without delay upon the publication of the results of the supplementary examination.

Late entries may be accepted under the provisions set out in Clause 5 of Chapter VIII of the Statutes.

Favourable consideration will be given to applications from undergraduates, who are well advanced in their course, for facilities to carry out approved research. Such applications should be made in writing to the Registrar, and should contain a full statement of the investigation proposed and the facilities desired.

RULES OF THE BOTANY LABORATORY

1. The Botany Laboratory shall be open each week-day, during term time, from 9 a.m. to 5 p.m., Saturdays 9 to 12.

2. Each student shall have a definite seat assigned to him in the Laboratory, which he may not change without permission.

3. Each student shall have free use of a locker or drawer, of which a key may be obtained on deposit of half-a-crown. This will be refunded when the key is returned.

4. All necessary reagents and materials are provided by the Laboratory, but each student is required to provide himself with the following:—

1 pocket lens

1 forceps (fine-pointed)

1 scissors (fine)

3 needles in handles

1 pipette with rubber teat

2 dusters

1 soft silk handkerchief

2 razors (one flat and one hollow-ground)

1 camel-hair brush (fine)

Microscope slide glasses, 3 in. by 1 in., in cover glasses, No. 2.

Lead-pencils

Notebook for drawing, which must be of unruled paper.

Microscopes.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be obtained on loan for use in the Laboratory only, but each student is strongly advised to purchase his own instrument.

5. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.

6. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

7. All preparations made from materials supplied by the University shall be its property.

8. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel 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.

9. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, 13th December, 1912.

RULES OF THE ZOOLOGY LABORATORY

1. The Laboratory is open every week-day throughout the session from 9 a.m. to 5 p.m.; on Saturdays from 9 to 12.

2. Each student has a definite seat assigned to him in the Laboratory, which he is not allowed to change without permission.

3. Each student has the free use of a locker or drawer, of which a key may be obtained from the assistant on payment of a deposit of half-a-crown. This will be refunded when the key is returned.

*4. All necessary reagents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—

- | | | |
|------------------------------------|---|---|
| 1 pocket lens | } | One box of each amongst several students is sufficient. |
| 3 dozen slides, 3 in. by 1 in. | | |
| ½-oz. cover-glasses | | |
| 3 scalpels (large and small) | | |
| 3 forceps (broad and fine pointed) | | |
| 2 scissors (large and small) | | |
| 1 needle (in handle) | | |
| 1 blunt-pointed seeker | | |

Microscopes.—Medical students are required to supply their own instruments (see first-year schedule for degrees of M.B. and B.S.); other students may use microscopes provided by the University. Every student taking the courses of Zoology and Physiology is strongly advised, however, to purchase at the beginning of his course a microscope of approved pattern for himself, as it is a great advantage for him to become familiar with his own instrument.

Each student will also provide himself with:—

- 1 duster
- 1 soft silk handkerchief
- lead-pencils
- quarto size loose-leaf folder
- quarto size drawing paper

No ink is allowed.

5. Paper and scraps or refuse of any kind must be thrown not into the sinks, but into the receptacles provided for the purpose.

6. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

7. All preparations made from materials supplied by the University shall be its property.

8. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

9. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

* Revised by Council, July, 1948.

10. The Professor may exclude any student from the Zoology Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel 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.

11. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, June, 1911.

RULES OF THE CHEMICAL LABORATORY

Note.—These rules apply also to the Chemical Laboratories at the Waite Agricultural Research Institute.

1. The Chemical Laboratory shall be open during term time each week-day from 9 a.m. till 5 p.m.; Saturdays, 9 a.m. till 12 noon. Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

2. No student will be admitted to a course in Practical Chemistry if the Professor is not satisfied that he possesses sufficient theoretical knowledge to enable him to take advantage of the course.

3. Each student will be provided by the University with a working bench with the necessary fittings, a set of reagents and apparatus required for the ordinary courses. At the end of the practical class each day students must put away all apparatus other than that fixed up for an experiment which has not been completed, and must leave their benches clean. Reagent bottles which require filling must be placed on the top of the bench reagent shelf.

†4. Students in Chemistry must, at the beginning of the session, pay the following deposits: First Year, £2; Second Year, £4; Third and Honours Years, each £5.* Against the deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

5. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

* Approved by the Council, 1930.

† The provisions of this clause are under review.

8. The Laboratory will be open gratis to students or graduates engaged in research work under the direction of the Professor, except as regards such payment for material and special attendances as the Professor may determine.

9. The Professor may exclude any student from the Laboratory for any cause he shall think sufficient. Such exclusion shall be reported to the Council, which may affirm or cancel the exclusion, and determine whether the fees paid by the student shall be refunded.

10. Strict economy must be observed in the use of gas, water, and other materials in the Laboratory. Fines, not exceeding 2s. 6d. in each case, may be imposed for waste or misuse, or for any breach of the Laboratory Rules.

11. The fees for students not attending a regular University course are as follows:—

For 5 days in the week, £4 5s. a month, or £10 a term.

For 4 days in the week, £3 6s. 8d. a month, or £8 a term.

For 3 days in the week, £2 10s. a month, or £6 a term.

For 2 days in the week, £2 a month, or £4 a term.

For 1 day in the week, £1 a month, or £2 a term.

Made by Council, 1928.

RULES OF THE PHYSICS LABORATORY

1. The Physics Laboratory shall be open daily during term time (Saturdays excepted) at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.

2. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

3. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.

4. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

5. The Professor of Physics may exclude from the Physics Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council, June 30, 1899.

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 OF THE LABORATORIES OF PHYSIOLOGY
AND BIOCHEMISTRY

1. The Laboratories of Physiology and Biochemistry shall be open upon each week-day during term time (Saturdays and holidays excepted) from 10 a.m. to 5 p.m. For persons carrying on advanced work or original research the laboratory will also be open at such additional hours as the Professor may from time to time determine.
2. No student will be admitted to laboratory work until he has shown to the satisfaction of the Professor of Physiology for Biochemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- *3. Each student must, at the beginning of the year, pay a deposit fee of £2, against which will be debited breakage of ordinary apparatus, such as flasks, beakers, dishes, etc. The balance of this fee, if any, will be refunded at the end of the year. In addition to this deposit fee and at the same time each student must pay an annual fee of £1 on account of cost of material.
4. Students engaged in private investigations may be required to provide themselves with any materials which they may need and which are not included amongst the ordinary apparatus and reagents, also with the common apparatus and chemicals when they are employed in large quantities.
5. The larger and more expensive pieces of apparatus may be supplied for the general use of students by the laboratory on the condition that all breakages may have to be made good by the students using or breaking them on such basis as the Professor may determine.
6. All preparations made from materials supplied by the University shall be its property.
7. No experiments of a dangerous nature shall be performed without the express sanction of the Professor.
8. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

Made by Council, 1921, and amended 1939.

* The provisions of this clause are under review.

RULES OF THE PSYCHOLOGY LABORATORY

1. For students taking regular courses in the University the 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. 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 the 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 the laboratory and its facilities, and the charges for materials, to be determined in each case.

3. The Head of the Department may exclude any student from the laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Head of the Department to the Council at its next meeting. The Council may affirm or cancel 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.

4. In particular the following rules must be observed by all persons using the laboratory:

- (a) The posted condition applying to the care of animals used in experiments.
- (b) The special ethical considerations which apply to the use of psychological tests and techniques as contained in the Departmental Notes entitled "Ethics for students of Psychology".

5. Psychological tests, stop watches and apparatus will be provided for the use of students on the condition that losses or breakages will be made good by students using or breaking them on such basis as the Head of the Department may determine.

Made by Council, 1957.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1958.

PART V

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA
COURSES FOR 1958.

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 indicated as suitable for the use of students.

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 eligible to take Greek I. in a subsequent year.

The following books will be used:

Walters, C. F., and Conway, R. S., *Deigma* (John 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 available a good Greek-English lexicon and a good Greek grammar.

The subjects of examination are as follows:

1. Greek I.

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1958:
Plato, *Euthyphro, Apology and Crito* (ed. J. Burnet, O.U.P.).
Homer, *Odyssey, Books XI and XII* (ed. W. B. Stanford, Macmillan).
Sophocles, *Antigone* (ed. R. C. Jebb, C.U.P.).
- (d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed for 1958:
Aristophanes, *Clouds*.
Aristotle, *Poetics*.

3. Greek III.

- (a) Translation from English into Greek.
 - (b) Translation from Greek into English.
 - (c) Books specially set for 1958:
The Homeric Hymns.
Pindar, *Nemean Odes*.
Thucydides, *Book II*.
Demosthenes, *On the Crown*.
Aristotle, *Poetics*.
 - (d) Greek history to the death of Demosthenes.
- Candidates will be required also to write historical comments on passages selected from the books included in (c).

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 available a good Latin-English lexicon and a good Latin grammar.

The subjects of examination are as follows:

5. Latin I.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1958:
Cicero, *Second Philippic* (ed. A. G. Peskett, C.U.P.).
Vergil, *Aeneid, Book VI* (in Vergil, *Aeneid, Books I-VI*, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid I-VI*).
Horace, *Odes, Book II* (ed. J. Gow, C.U.P.).
- (d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

6. Latin II.

- (a) Translation from English into Latin.
(Hardie, W. R., *Latin prose composition* (Arnold) will be used.)
- (b) Translation from Latin into English.
- (c) Books specially set for 1958:
Plautus, *Trinummus* (ed. J. H. Gray, C.U.P.).
Cicero, *de Officiis, Book III* (ed. H. A. Holden, C.U.P.).
Horace, *Satires (omitting I, ii, vii, viii, II, iv)* (ed. A. Palmer, Macmillan).
Tacitus, *Histories, Books III-V* (ed. A. D. Godley, Macmillan).
Questions will be asked on life in ancient times.
Students should read *The Ancient World* (T. R. Glover, Pelican).

7. Latin III.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1958:
As for Latin II, together with Vergil, *Aeneid, Books X-XII*.
- (d) Roman history to the death of Trajan. In addition to a general account of the subject (e.g., Pelham, H. F., *Outlines of Roman history*, Rivingtons, or Cary, M. A., *A history of Rome down to the reign of Constantine*, Macmillan), candidates will be required also to write historical comments on passages selected from the books included in (c).

9. Comparative Philology.

No student should attempt this course before completing either Greek I or Latin I or French I or German I.

The course consists of about 60 lectures, including 18 lectures on elementary Greek and 9 lectures on general phonetics. This course deals mainly with the Indo-European language group; but it is designed also to serve as a general introduction to linguistic study suitable, e.g., for those who may subsequently have an opportunity of investigating some of the undescribed native languages of Australasia or Oceania.

Text-books:

For Elementary Greek:

Rutherford, W. G., *First Greek grammar: accidence and syntax* (Macmillan).

Colson, F. H., *Stories and legends* (Macmillan).

For Phonetics:

I. C. Ward, *The phonetics of English* (Heffer).

For Comparative Philology:

- Ernout, A., *Morphologie historique du Latin* (C. Klincksieck).
 Wright, J., *Comparative grammar of the Greek language* (O.U.P.).

11. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work in composition and reading early in their course.

The examination will comprise the following papers:

- (a) Translation into Greek prose.
- (b) Translation into Greek verse.*
- (c) Translation into Latin prose.
- (d) Translation into Latin verse.*
- (e) Unprepared translation from Greek into English.
- (f) Unprepared translation from Latin into English.
- (g) Unprepared translation from Greek and Latin into English.
- (h) Translation from prescribed Greek books.
- (i) Translation from prescribed Latin books.
- (k) Greek general paper { Including questions on comparative philology,
metre and prosody, grammar, literature, and
- (l) Latin general paper { antiquities.
- (m) Greek history to 146 B.C.
- (n) Roman history to the death of Trajan.
- (o) Ancient philosophy.

Papers (k), (l), (m), (n) and (o) will include passages for comment selected from the prescribed books: in addition to a general knowledge of the subject, candidates will be expected to show a more detailed knowledge of the following:

For 1958:

- (i) Greek history, 387-322 B.C.
- (ii) Roman history, 264-133 B.C.
- (iii) The Pre-Socratics.

For 1959:

- (i) Greek history, to 494 B.C.
- (ii) Roman history, 133-44 B.C.
- (iii) The Atomists and the school of Epicurus.

Books specially set for 1958:

- Homer, *Iliad*, Books I-XII.
- Pindar, *Nemean Odes*.
- Aeschylus, *Agamemnon*.
- Sophocles, *Oedipus the King*.
- Aristophanes, *Clouds*.
- Herodotus, *Book V*.
- Thucydides, *Book III*.
- Plato, *Republic*, Books V-VII; *Sophist*.
- Demosthenes, *On the crown*.
- Aristotle, *Metaphysics A*; *Poetics*.
- Plautus, *Trinummus*.
- Lucretius, *Book I*.
- Vergil, *Bucolics and Georgics*.
- Horace, *Odes*, *Book IV*; *Epistles and art of poetry*.
- Lucan, *Book VIII*.
- Cicero, *Orator*; *Tusculan disputations*, Books I-II.
- Livy, *Book XXVI*.
- Quintilian, *Institutio oratoria*, *Book XII*.
- Tacitus, *Annals*, Books I-II.
- St. Augustine, *de Ciuitate Dei*, Books VII-VIII.

* Translation into verse is optional. Proficiency in Greek and Latin verse composition will be indicated by the letters G and L respectively appended to the candidate's name in the class list.

Books specially set for 1959:

- Homer, *Iliad*, Books XIII-XXIV.
 Pindar, *Olympian odes*.
 Aeschylus, *Choephoroi*.
 Sophocles, *Electra*.
 Aristophanes, *Frogs*.
 Herodotus, *Book I*.
 Thucydides, *Book V*.
 Plato, *Phaedo*, *Timaeus*.
 Isocrates, *Panegyric*.
 Aristotle, *Ethics*, Books I, II, X.
 Terence, *Andrius*.
 Lucretius, *Books I, II*.
 Vergil, *Aeneid*, Books I-VI.
 Horace, *Satires* (omitting I, ii, vii, viii, II, iv).
 Juvenal, *Satires I, III-VIII, X*.
 Caesar, *de Bello Civili*, Book III.
 Cicero, *de Lege Agraria; de Finibus*, Books I-II; *Orator*.
 Suetonius, *Julius Caesar*.
 Tacitus, *Agricola and Germania*.
 St. Augustine, *de Civitate Dei*, Books VII-VIII.

In addition, students will require:

- Greek philosophy, a collection of texts* (C. J. de Vogel, Brill, Leiden).
 Texts to illustrate the course of elementary lectures . . . on *Greek philosophy after Aristotle* (ed. J. Adam, Macmillan).
 E. Schwyzer, *Dialectorum Graecarum exempla epigraphica potiora* (S. Hirzel, Leipzig); or *Greek dialects* (C. D. Buck, Ginn and Co.).
 A. Ernout, *Recueil de textes latins archaïques* (C. Klincksieck, Paris).

13. Classics for the Degree of M.A.

Students who propose to read Classics with a view to entering for the M.A. examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

The examination will be in the following subjects:

- (a) Translation into English from Greek and Latin writers.
- (b) Ancient History:
 - Greek history to 146 B.C.
 - Roman History to A.D. 337.
- (c) History of Greek and Roman literature.
- (d) History of ancient thought.
- (e) Comparative Philology of the Indo-European languages, with reference particularly to Greek and Latin.
- (f) A subject or subjects for more minute study chosen from one of the sections (b), (c), (d), (e) above; such choice is to be made by the candidate subject to the approval of the Faculty of Arts, and should include work in both Greek and Latin. (This last condition may be relaxed for sufficient reason.)

A thesis on a subject approved by the Faculty of Arts may be accepted in place or part of the whole of the above examination.

MODERN LANGUAGES

ENGLISH LANGUAGE AND LITERATURE

20. English IA: The History of English Literature.

This course is designed for students who intend to take only a one-year course in English, and all such students are recommended to take it instead of the course in English I. It will not be accepted as qualifying a student to proceed with the course in English II, for which English I is a pre-requisite.

Country students are not recommended to take this course.

- A. The novel.
- B. Drama.
- C. Poetry.
- D. Prose.

A detailed knowledge of the following texts will be expected:

- A. Swift, *Gulliver's travels*.
- Defoe, *Moll Flanders*.
- Fielding, *Tom Jones*.
- Bronte, Emily, *Wuthering Heights*.
- Thackeray, *Vanity Fair*.
- Dickens, *David Copperfield*.
- Butler, *The way of all flesh*.
- Lawrence, *Sons and lovers*.
- Joyce, *Portrait of the artist as a young man*.
- Forster, *A passage to India*.
- B. Shakespeare, *Twelfth night*, *Antony and Cleopatra*.
- Sheridan, *School for scandal*.
- Shaw, *St. Joan*.
- Eliot, *Murder in the cathedral*.
- C. Jeffares, A. N., *Seven centuries of poetry* (Longmans).
- D. Williams, R., *Reading and criticism* (Muller).

Books recommended:

- Legouis, *History of English literature* (Oxford).
- Read, H., *English prose style*.
- Wrenn, C. L., *The English language*.
- Cress, J., *The fire and the fountain* (O.U.P.).

There will be three lectures on Australian literature in the course and these books should be acquired:

- Wright, Judith, *Book of Australian verse*.
- Murdoch, W., and Drake-Brockman, H., sel., *Australian short stories* (O.U.P.).
- Boldrewood, *Robbery under arms*.
- Park, Ruth, *The harp in the south*.

For those students who wish to take more than a one-year course in English there are three courses for the Ordinary degree of Bachelor of Arts: English I, II and III. No student proceeding to a degree may, without special permission, take Course II until he has passed the final examination in Course I, or take Course III until he has passed the final examination in Course II. A paper in the History of English Literature will be set as part of the final examination for Course III. This paper will cover set books of the course in the History of English Literature which should therefore be read by all candidates for the degree of B.A. with English as a major subject.

21. English I.

An outline of English literature from the medieval to the Jacobean period.

- A. Poetry from Chaucer to Shakespeare.
- B. Elizabethan and Jacobean drama.
- C. Shakespeare.
- D. 16th and 17th century prose.

A detailed knowledge of the following books will be required:

- Chaucer, *Selections from Chaucer* (Cowling Ed.) (Ginn).
- The age of Chaucer*, ed. Boris Ford (Pelican).
- Kyd, *The Spanish tragedy* (World's Classics).
- Gammer Gurton's needle* (World's Classics).
- Spenser, *The Faerie Queene, Book I*.
- Marlowe, *Doctor Faustus*.
- Shakespeare, *Richard II; Henry IV, Part I; Hamlet; King Lear; Antony and Cleopatra; The Tempest; As you like it*.
- Webster, *The Duchess of Malfi*.
- Jonson, *Volpone*.
- Oxford book of 16th century verse*.
- Seven centuries of poetry: Chaucer to Dylan Thomas* (Longmans) (pages 1-90).

Special study will be prescribed in:

English critical essays 16th-18th centuries (World's Classics).
An anthology of English prose, Vol. I (Penguin).

Books recommended:

Tillyard, *The Elizabethan world picture*.
 Lewis, C. S., *The allegory of love*.
 Trevelyan, G. M., *English social history*.
 Wrenn, C. L., *The English language* (Methuen).
 Legouis, *History of English literature*.

22. English II.

An outline of English literature in the seventeenth and eighteenth centuries.

A. Seventeenth century literature.

B. Milton.

C. Eighteenth century literature.

A detailed knowledge of the following books will be required:

The Oxford book of seventeenth century verse (Oxford).
The Oxford book of eighteenth century verse (Oxford).
 Jeffares, A. N., *Seven centuries of poetry: Chaucer to Dylan Thomas*
 (Longmans) (pages 90-224).
 Milton, *Poems* (O.U.P.).
 Dryden, *Poems* (O.U.P.).
 Dryden, *All for love: essay of dramatic poesy*.
 Blake, *Songs of innocence and experience*.
 Restoration Drama—Bonamy Dobree (Everyman)—*The man of mode*;
Beaux stratagem; *The way of the world*.
 Pope, *Poems, epistles and satires*.
 Johnson, *Lives of the poets* (with special reference to the lives of Cowley,
 Milton, Dryden, Rochester, Pope, Thomson, Savage, Gray).
 Bacon, Francis, *Essays*.
 Browne, *Urn burial*.
 Swift, *Gulliver's travels; The modest proposal*.
 Addison, *The Spectator* (Nos. 2, 106, 108, 112, 116, 122, 130, 131, 269;
 411-421: 70, 74, 85: 160, 419: 58-63: 267, 273, 279, 285, 291, 297).
 Defoe, *Moll Flanders*.
 Richardson, *Pamela*.
 Smollett, *Humphrey Clinker*.
 Fielding, *Tom Jones*.
 Sterne, *A sentimental journey*.
 Goldsmith, *The vicar of Wakefield*.
 Sheridan, *School for scandal*.
 Sutherland, *Preface to 18th century poetry*.
 Stephen, L., *English literature and society in the 18th century*.
Shorter novels (Everyman, Vol. III) with particular reference to *The castle*
of Otranto, *Vathek*, *Rasselas*.

23. English III.

An outline of English literature in the nineteenth and twentieth centuries; the History of English Literature.

A. Poetry.

B. Prose.

C. Australian literature.

D. History of criticism.

E. History of English literature.

A detailed knowledge of the following books will be required:

A. The poetical works of: Wordsworth, Shelley, Keats, Byron, Tennyson,
 Arnold, Hopkins, Browning, Yeats, Eliot.
Seven centuries of poetry: Chaucer to Dylan Thomas (Longmans).
 Allott, K., *Penguin Book of Contemporary Verse*.

- B. Austen, Jane, *Emma* and *Persuasion*.
 Scott, *Heart of Midlothian* and/or *Old Mortality*.
 Peacock, *Nightmare Abbey* or *The misfortunes of Elphin*.
 Disraeli, *Sybil* or *Coningsby*.
 Dickens, *Martin Chuzzlewit* and/or *Bleak House*.
 Thackeray, *Vanity Fair*.
 Eliot, George, *Middlemarch*.
 Hardy, *Tess of the d'Urbervilles*.
 Meredith, *The ordeal of Richard Feverel* and/or *The egoist*.
 Forster, E. M., *A passage to India*.
 Joyce, James, *Portrait of the artist as a young man*.
 Lawrence, *The rainbow*.
- C. A course of contemporary poetry and novels. No precise programme of reading can be prescribed, but the first and as many others as possible of the following list of books should be read.
 Wright, Judith, *Australian poetry*.
 Tennant, Kylie, *The battlers*.
 Franklin, Miles, *All that swagger*.
 Herbert, Xavier, *Capricornia*.
 Dark, Eleanor, *The timeless land*.
 Pritchard, Katherine S., *Working bullocks*.
 Stivens, Dal, *The courtship of Uncle Henry*.
 Casey, Gavin (various short stories).
 Stewart, Douglas, *The girl with the red hair*.
 Campion, Sarah (*The Mo Burdekin* books).
 Langley, Eve, *The peapickers*.
 Hungerford, T., *The ridge and the river*.
 Brent of Bin Bin, *Up the country*.
 White, Patrick, *Happy valley*.
- D. Aristotle, *Poetics*, Longinus on the sublime.
 Arnold, *Culture and anarchy*.
 Pater, *Appreciations*.
 Smith, D. Nicol, *Shakespearean criticism*.
 Bradby, Anne, *Shakespeare criticism*, 1919-1935.
 Leavis, F. R., *Revaluations*.
 Daiches, D., *Critical approaches to literature*.

The relevant lectures in English I, II and III. Reading in the Oxford and Cambridge Histories of English Literature and such other histories of literature as may be suggested in supplementary reading lists issued by the Department to students in the course of their third year work.

28. 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), omitting one of the following, (vi), (vii) or (viii). Candidates adopting *Scheme B* will take papers (iii)-(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 English, with a general study of the prose and poetry before 1066.
 For special study:
Beowulf (ed. Klaeber, F.).
The dream of the rood (ed. B. Dickens and A. S. C. Ross).
- (ii) Middle English.
 For special study:
 Hall, J. (ed.), *Selections from early Middle English* (O.U.P.).
 Sisam, K. (ed.), *Fourteenth century verse and prose* (O.U.P.).
- (iii) History of 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 of English critical theory.
- (xi) Essay paper.
- (xii) Australian literature.
- (xiii) American literature.
- (xiv) Canadian or other Commonwealth literature.

Candidates will be required to attend classes and show satisfactory progress in Old and Middle English I and II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

Candidates who desire to present themselves for examination in (x), which is an optional paper, must consult the Professor at the beginning of their final year.

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.

29. 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 permission is otherwise granted. Details of the Final Honours papers shown in syllabus no. 28 above.

Scheme C English Literature and Language.

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 Final Honours 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), (ix) 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. Each course consists of both oral and written sections, which must both be passed before the course may be counted as a unit towards a degree. 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 final written examination in French I at the higher standard, or the course in French III until he has passed the final written examination in French II.

Students in French I, French II and French III are required to attend lectures throughout the year, and to write essays and exercises to the satisfaction of the lecturer. They are required also to attend group-tutorials for exercises in oral French, and to present themselves for an oral examination. In French II and French III the lectures on the literature may be given in French, and in the final examinations candidates are required to answer in French all questions on literature. Students who are exempted from attendance at lectures are required at some time during their course to present themselves for an oral examination, by special arrangement with the Professor. In no circumstances may students in French I be exempted from attendance at lectures and tutorials.

Subjects of examination in 1958:

31. French I.

(a) Free composition in French and translation from English into French.

Prescribed books:

Pryce and Foster, *French prose composition for sixth forms* (Harrap).
Mansion, *A grammar of present-day French, with exercises* (Harrap).

For reference:

Loubet, *La Technique de la composition française* (Paris, Maynard); or
Vannier, *La clarté française pour composer, pour écrire, pour se corriger*
(Paris, Nathan).
Michaut et Schricke, *Grammaire française (Cours complet)* (Paris,
Hatier); or Grevisse, *Le bon usage* (Paris, Geuthner).
Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques*
(Amiens, Editions Scientifiques et Littéraires); or Martinon, *Comment
on parle en français* (Paris, Larousse); or Sève et Perrot, *Ortho vert:
Dictionnaire orthographique et grammatical* (Chambéry, Editions
Scolaires).
Harrap's Standard French and English Dictionary (2 vols).
Charles Petit, *Dictionnaire français-anglais et anglais-français* (2 vols.;
Paris, Hachette).
Lacroix, *Dictionnaire des mots et des idées* (Paris, Nathan).

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Marks, *French Literary Passages* (Dent).
Lough (ed.), *French tales of our time* (Harrap).
Romain, *Knock* (Longmans).

(c) Orals.

Prescribed books:

Molière, *Le bourgeois gentilhomme* (ed. Wilson; Harrap).
Marks, *op. cit.*
Romain, *op. cit.*

For reference:

Fouché, P., *Traité de prononciation française* (Klincksieck).
Grammont, *Traité pratique de prononciation française* (Delagrave).
Grammont, *Petit traité de versification française* (Colin).

(d) Outline history of French Literature as covered in:

Plinval, *Précis d'histoire de la littérature française* (Hachette) or
Van Tieghem, *Histoire de la littérature française* (Fayard) or
Mornet, *Précis de littérature française* (Larousse).

For reference

Jasinski, *Histoire de la littérature française*, 2 vols. (Boivin).

(e) Explication de textes.

Prescribed books:

Corneille, *Cinna* (Classiques Larousse).
Marks, *op. cit.*

For reference:

Pouget, *L'Explication française au baccalauréat* (Hachette).

- (f) Elementary geography of France; History of French civilisation; Contemporary French life and culture.

For reference:

Huby, *Cours d'histoire*, 5 vols. together with,
 Lacour and Gayet, *La France au XXe siècle* (Hachette).
 Graeme Ritchie (Ed.), *France: a companion to French studies*
 (Methuen); or Roe, *Modern France: an introduction to French civiliza-
 tion*, (Longmans); or Parker and Grigaut, *Initiation à la culture
 française* (New York, Harper); or Rambaud, *Histoire de la civilisation
 française and Civilisation contemporaine* (Paris, Colin).
Nouveau Larousse Universel (2 vols.).

The M. Rees George Price, of the value of £6, is awarded annually to the matriculated or graduate woman student who wins the highest place in the annual examination in French I (both written and oral sections), provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

32. French II

- (a) Free composition in French and translation from English into French.

Prescribed book:

Kastner and Marks, *A new course of French composition, Book III*
 (Dent).

For reference: As for French I, together with: Crouzet and Desjardins,
Méthode française et Exercices illustrés, vol. 3 (Paris, Didier).
 Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue
 française*, 2 vols..

Le Larousse du XXe siècle, 6 vols.

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Molière, *Dom Juan* (Classiques Larousse).
 Saint-Simon, *Mémoires* (Classiques Larousse).
 Voltaire, *Choix de contes* (ed. Green; C.U.P.).

- (c) Orals.

- (d) Literature: From 1550 to 1800, as covered in: Martino et Caillat, *Littérature
 française* (Paris, Masson), vol. I; OR Braunschvig, *Notre littérature
 étudiée dans les textes* (Paris, Colin), vol. I, from ch. XIII to the end;
 vol. 2, ch. I-XXVI; OR Lagarde et Michard, *XVIIe siècle* (from p. 91),
XVIIIe siècle and *XVIIIe siècle* (Paris, Bordas).

Questions for special study in 1958:

Term I: Le théâtre de Molière.
 Term II: La Fontaine et l'art de la fable.
 Term III: Le conte philosophique.

For reference:

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).
 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).
 Haase, *Syntaxe française du XVIIe siècle* (Delagrave).
 Grente, *Dictionnaire des lettres françaises* (XVIe et XVIIe siècles), 2
 vols.

- (e) Explication de textes.

Prescribed books:

Du Bellay, *Œuvres choisies* (Classiques Larousse).
 La Fontaine, *Selected fables* (ed. Hugon; O.U.P.).
 Marivaux, *Le jeu de l'amour et du hasard* (ed. Shackleton; Harrap).

For reference:

Crouzet and Desjardins, *op. cit.* or Rudler, *L'explication française* (Paris, Colin).

33. French III.

- (a) Free composition in French and translation from English into French.

Prescribed book:

As for French II.

For reference: As for French I and II, together with:

Maquet, *Dictionnaire analogique* (Larousse).

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Balzac, *César Birotteau* (ed. Allem; Garnier).

Flaubert, *Trois contes* (ed. Maynial; Garnier).

Proust, *Combray* (ed. Brée and Lynes; Harrap).

- (c) Orals.

- (d) Literature: The nineteenth and twentieth centuries, as covered in Martino et Caillat, *Littérature française* (Paris, Masson), vol. 2; OR Braunschvig, *Notre littérature étudiée dans les textes* (Paris, Colin), vol. 2, chs. xxxvii-xliv; and Braunschvig, *La littérature française contemporaine* (Colin), chs. i-iv.

Questions for special study in 1958:

Term I: Le monde de Balzac.

Term II: Le Parnasse.

Term III: L'œuvre de Saint-Exupéry.

For reference:

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).

- (e) Explication de textes.

Prescribed books:

Musset, *Il ne faut jurer de rien* (Classiques Larousse).

Parnée, *Twelve French poets—1820 to 1900* (Longmans).

Saint-Exupéry, *Terre des hommes* (ed. Shuffrey; Heinemann).

The Violet de Mole prize, of the value of five guineas, is awarded annually to the matriculated or graduate student who wins the highest place in the annual examination in French III (written and oral sections), provided that the candidate is of sufficient merit. 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 book:

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. 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).*Aucassin et Nicolette* (ed. Roques; Paris, Champion).*Le Mystère d'Adam* (ed. Studer; Manchester U.P.).Adam Le Bossu, *Le Jeu de Robin et Marion* (ed. Langlois; Paris, Champion).*Maistre Pierre Pathelin* (ed. Holbrook; Paris, Champion).Robert Garnier, *Les Juifves* (ed. Hervier; Paris, Garnier).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

38. 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, *Œuvres* (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)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 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 connected therewith.

39. 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

There are three courses in German for the ordinary degree of Bachelor of Arts: they are designated German I, German II and German III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German II until he has passed the final examination in German I or the course in German III until he has passed the final examination in German II.

Candidates are required to attend tutorial classes.

All students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month.

41. German I.

- (a) Translation from German into English and from English into German; this includes unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.

- (b) An introduction to German life and culture. Class lectures are given once a week.
Text-books:
Stembridge, C., *Germany* (Christophers).
Natan, A., *Neues Deutschland* (Macmillan).
Barracrough, G., *Factors in German history* (Blackwell).
Students are expected to buy editions of these books.
- (c) Study of selected German texts: class lectures in textual explanation of these are given once a week.
Text-books:
Lessing, *Minna von Barnhelm* (Macmillan).
Goethe, *Urfaust* (Cheshire's).
Keller, *Romeo und Julia auf dem Dorfe* (Harrap).
Hauptmann, *Bahnwärter Thiel* (Blackwell).
Oxford Book of German verse, Nos. 101-2, 104, 114, 117; 145, 147-8; 213, 220, 228; 268, 272-4, 292, 294; 323, 325, 338, 346; 427, 430, 432, 434; 478, 480, 484; 507, 511, 513.
Oxford Book of German prose, Nos. 20, 31, 47, 55, 62-3, 76-84, 87-8, 102, 146, 157, 159, 176, 187-9, 191-2, 200, 205, 208-9, 217-9, 220-2, 224, 227, 237, 243-4, 246.
Lists of background books recommended for reading in conjunction with the above courses will be issued at the first class-meeting.
Students intending to continue with further years of German or to take German Honours are required to buy the two Oxford Books and also a good History of German Literature, either J. G. Robertson (in English), or F. Martini (in German).
- (d) Candidates must satisfy a conversation test. Oral practice is given in the tutorial classes and students will be judged in their final examination results on the year's performance as a whole. For further practice all students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month. Notices of such meetings are posted in the Department.

42. German II.

- (a) Translation from German into English and from English into German, including unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.
- (b) The German Novelle, 1800-1930. Class lectures are given.
Books set for study:
Goethe, *Novelle* (Insel).
Tieck, *Der blonde Eckbert* (Reclam or Blackwell).
Brentano, *Geschichte vom braven Kasperl und von der schönen Annerl* (Reclam or Blackwell).
Mörike, *Mozart auf der Reise nach Prag*. (Harrap).
Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).
Stifter, *Bergkristall* (Harrap or Insel).
Keller, *Kleider machen Leute* (Harrap).
Die drei gerechten Kammacher (Harrap).
Das Fähnlein der sieben Aufrechten (Reclam).
Storm, *Renate* (Reclam).
In St. Jürgen (Dent).
Der Schimmelreiter (Methuen).
Schnitzler, *Der blinde Geronimo* (Harrap).
Mann, *Tristan* (Reclam).
Kafka, *Die Verwandlung* (pocket-book ed.).
Bergengruen, *Der spanische Rosenstock* (Heinemann).
These short stories should be purchased. The editions recommended are usually educational editions with notes and vocabulary.
- (c) History of German Literature from 1780-1805. Class lectures are given.
Text-books:
The Oxford books and a history of German literature, as in German I.

Books set for study:

- Lessing, *Emilia Galotti* (Blackwell or Harrap).
Von deutscher Art und Kunst, ed. Purdie (O.U.P.).
 Leisewitz, *Julius von Tarent* (any ed.).
 Goethe, *Götz von Berlichingen* (Macmillan).
Iphigenie (O.U.P.).
Wilhelm Meisters Lehrjahre, Books 1-3 (any ed.).
Faust, Part I (Harrap).
 Schiller, *Maria Stuart* (Macmillan).
Kabale und Liebe (Blackwell).
Wallenstein (Blackwell).
Naive und sentimentalische Dichtung (Blackwell).

Lists of background books recommended for reading in conjunction with the above courses will be issued at the first class-meeting. Certain extra texts will be issued in duplicated form.

- (d) Candidates must satisfy a conversation test. Oral practice is given in tutorial classes. For further practice all students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month. Notices of such meetings are posted in the Department.

43. German III.

- (a) Translation from English into German and German essay. Translation from German into English and stylistic appreciation. There will be two separate two-hour examination papers, one for translation and stylistic appreciation, and one for the essay.

Recommended for general study:

- Kutscher, *Stilkunde der deutschen Dichtung*, 1951.
 Reiners, *Stilkunst*, 1950.
 H. von Hofmannsthal, *Wert und Ehre deutscher Sprache* (Fischer-Bücherei).

- (b) History of German literature since 1900. Class lectures are given.

Books set for reading:

- Werfel, *Abituriententag* (any ed.).
 Kaiser, *Bürger von Calais* (Kessler).
 Fallada, *Kleiner Mann, was nun?* (pocket-book ed.).
 Kafka, *Das Urteil and other stories* (pocket-book ed.).
 Mann, *Mario und der Zauberer* (Fischer, also Nelson).
 Hesse, *Narziss und Goldmund* (Suhrkamp Hausbuch).
 Goes, *Unruhige Nacht* (Wittig).
 Böll, *Haus ohne Hüter* (Kiepenheuer).
 Richter, *Spuren im Sand* (Desch).
Modern Lyrics (Fischer-Bücherei No. 112).

Students are advised to buy the pocket-books which are readily available and to make early efforts to buy or borrow the less readily available texts.

- (c) History of German literature from the Reformation to the Thirty Years' War. Class lectures are given.

Books set for reading:

- Luther, *Ausgewählte Werke* (Fischer-Bücherei).
 A. E. Berger, ed. *Die Schaubühne im Dienst der Reformation* (Reclam).
 Sachs, *Ausgewählte Werke* (Reclam).
Das Volksbuch von Dr. Faust (any ed. available).
 Grimmshausen, *Der abenteuerliche Simplicissimus* (Reclam).
 Schiller, *Geschichte des dreissigjährigen Krieges* (in most collected eds.).
Selected Baroque lyrics (issued by the Department).

- (d) Candidates must satisfy a conversation test.

48. German for the Honours Degree of B.A.

Students taking the Honours course in German are required:

- i. to pass in German I, German II, and German III;
- ii. to do Interim Honours work as specified by the Head of the Department of German;

- iii. to pass in three other courses, including courses I and II in one subject;
- iv. to devote the fourth year to Honours work in literature and philology.

Under (ii) students in their second year must pass at Honours standard course (b) of German III, Modern German Literature; and also study the following extra texts for the Novelle course in German II:

Kleist, *Michael Kohlhaus* (Macmillan).
 Gotthelf, *Die schwarze Spinne* (Reclam or Blackwell).
 Meyer, *Die Hochzeit des Mönchs* (Reclam).
 Heyse, *L'Arrabiata* (Harrap).
 Mann, *Unordnung und frühes Leid* (Nelson).
 Zweig, *Phantastische Nacht* (pocket-book ed.).
 Frank, L., *Deutsche Novelle*.

During the third year, students must pass the following: (a) A course on the modern German drama. For the latter the following texts are necessary:

Holz-Schlaf, *Familie Selicke* (Cambridge Plain Texts).
 Schnitzler, *Liebelei, Anatol*.
 Wedekind, *Frühlingserwachen*.
 Zuckmayer, *Der Hauptmann von Köpenick; Des Teufels General* (Fischer).
 Toller, *Hinkemann* (Kessler).
 Brecht, *Dreigroschenoper; Trommeln in der Nacht; Mutter Courage und ihre Kinder*.
 Hofmannsthal, *Jedermann* (Fisher, also Nelson).
 Werfel, *Jacobowsky und der Oberst* (Croft).

Students are invited to buy such of these as are readily available in cheap eds., i.e., those listed above by name. The others should be read during the long vacation.

(b) A study of Goethe's *Faust*. The course will embrace all versions of both parts of the drama. Further information will be made available at the first class-meeting.

Under (iv) students must pass (a) the *Faust* course outlined above, and (b) a course of Middle High German and philology. Books set for reading for course in Middle High German and philology:

Walther von der Vogelweide, *Selected poems* (Blackwell).
 Hartmann von Ouwe, *Der Arme Heinrich* (Blackwell).

Other texts will be issued by the Department.

Recommended for background reading:

Wright, J., *Middle High German Primer* (Clarendon Press).
 Ehrismann, G., *Geschichte der dt. Literatur bis zum Ausgang des Mittelalters* (München, 1932).
 Golther, W., *Die dt. Literatur im Mittelalter, A.D. 800-1500* (Stuttgart, 1922).
 Weber, G., *Gottfried von Strassburgs Tristan und Isolde und die Krise des mittelalterlichen Weltbilds um 1200* (Stuttgart, 1953).
 Richey, M., *Essays on the Mediaeval German love lyric* (Blackwell, 1943).
 Bach, A., *Geschichte der deutschen Sprache* (Heidelberg, 1949).
 Behaghel, O., *Die deutsche Sprache* (Leipzig, 1907).
 Kirk, A., *Introduction to the historical study of New High German* (Manch. U.P., 1948).
 Priebisch, R., and Collinson, *The German language* (Faber, 1948).
 Meillet, A., *Caractères généraux des langues germaniques* (Paris, 1917).
 Schirmer, A., *Deutsche Wortgeschichte* (Sammlung Göschen 929, Berlin, 1949).
 Kluge, F., *Etymologisches Wörterbuch* (Strassburg, 1934).
 Walshe, M. O'D., *Concise etymological dictionary* (Kegan-Paul, 1951).

Students who have obtained the permission of the Faculty to combine German with another subject for the Honours Degree will be excused some Honours work during their course of study.

The final examination will comprise the following papers:

- (i) Translation into German.
- (ii) Translation of unseen passages from German into English.
- (iii) Essay.
- (iv) Middle High German and philology.
- (v) German history.
- (vi) Literature I.
- (vii) Literature II.
- (viii) Literature III.

Paper iii will be wholly in German. Papers vi, vii and viii will be partly in German. There will be an oral examination comprising tests in conversation, discussion of texts and literary history.

49. Scientific German

There are two courses, as indicated in (a) and (b).

- (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. The aim of the course 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:

- Rosenberg, J., *German, how to speak and write it* (Odhams, London).
 Rosenberg, A., and Horwood, E. K., *German for science students* (F. Cheshire, Melb.).
 Wichmann, K., *Pocket dictionary of the German and English languages.*

- (b) This course of one lecture weekly throughout the year is open to all who have previously attended the above course. It is also open to those members of staff, research students and third and fourth year science students who have some previous knowledge of German.

Text-book:

- Barker, M. L., *German for sixth form and adult beginners* (W. Heffer, Cambridge).

HISTORY AND POLITICS.

Attention is drawn to the fact that there is now a department of History distinct from the department of History and Political Science. An Honours course is available in each. After consultation with the Professors concerned, students may take an Honours course combining History and Politics either with each other or with other subjects such as Economics, or Geography, or English.

HISTORY

There are five courses in this School: Social History, History I, IIA, IIB and III. Except by special permission of the Faculty of Arts, History I or Politics I or Social Economics or Economics I must be completed before History II (A or B) is taken; and History II (A or B) must be completed before History III is taken.

The books recommended are not intended to be an exhaustive list. Written work is set during the year, and is taken into account with the results of the annual examinations.

51. Social History

Students intending to take one course only in History are recommended to take Social History.

A first-year course; no pre-requisite, and can serve as a pre-requisite for other courses in the History school only by special permission; not available to exempted students.

This course will highlight the main social changes which have taken place in Great Britain since the mid-eighteenth century, and will make some comparison with Australian developments.

Preliminary reading:

Trevelyan, G. M., *English social history* (Longmans, Green and Co.).

George, Dorothy, *England in transition* (Penguin).

Thomson, David, *England in the nineteenth century: 1815-1914* (Penguin).

General reading lists will be issued from time to time.

History I.

52. The Making of Modern Europe.

A first year course; no pre-requisite; exemption may be granted only to students who can show that they have access to an adequate library.

A survey of the history of Europe and of its relations with the rest of the world from the fifteenth to eighteenth centuries.

Lists of books will be issued from time to time. The following are recommended for preparatory reading:

Ergang, R., *Europe from the Renaissance to Waterloo*.

Nehru, J., *Glimpses of world history*.

Students should procure:

Bainton, R. H., *The age of the Reformation* (Van Nostrand).

Hill, C. and Dell, E. (eds.), *The good old cause*.

Gershoy, L., *The era of the French Revolution, 1789-1799*.

Panikkar, K. M., *Asia and western dominance*.

Parry, J. H., *Europe and a wider world*.

Other cheap and useful books:

Cellini, B., *Autobiography*.

Machiavelli, N., *The Prince*.

Voltaire, *Candide*.

Ashley, M., *England in the seventeenth century*.

Bainton, R. H., *Here I stand* (a life of Luther).

Bindoff, S. T., *Tudor England*.

Tawney, R. H., *Religion and the rise of capitalism*.

Thompson, J. M., *Robespierre and the French Revolution*.

The Penguin atlas of the world.

54. History IIA

Europe since 1815

A second-year course; pre-requisite: History I or Politics I; available to exempted students.

(For students who have been formally accepted for the Diploma in Social Studies, Social History (51), will be accepted as a pre-requisite.)

This course will be examined in two parts:

A. General history.

Preparatory reading:

Ergang, R., *Europe since Waterloo*.

Fueter, E., *World history, 1815-1920*.

Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict*.

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*.

Bury, J. P. T., *France, 1815-1940*.

Clapham, J. H., *Economic development of France and Germany*.

Cole, G. D. H., *Introduction to economic history*.

Florinski, M. T., *Fascism and national socialism*.

Hill, C., *Lenin and the Russian Revolution*.

Hobson, J. A., *Imperialism*.

Halevy, E., *History of the English people in the nineteenth century*.

Lewis, W. A., *Economic survey, 1919-39*.

Michels, R., *Political parties*.

- Mosca, G., *The ruling class*.
 Pascal, R., *The growth of modern Germany*.
 Robinson, J. H., and Beard, C. A. (Ed.), *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 Habsburg monarchy*.
 Taylor, A. J. P., *The struggle for mastery in Europe*.
 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*.

B. A special subject: topics and lists of books will be issued from time to time.

55. History IIB

Economic History

A second-year course; pre-requisite: History I or Politics I or Social Economics or Economics I; available to exempted students only in special circumstances.

Emphasis is laid in this course on the economic development of Britain since 1700; on the Australian economy since the end of the last century; and on the history of economic thought.

Students, unless exempted from lectures, are required to attend tutorials in the special subject of the second examination paper. The subject will be examined in two papers:

- A. British economic history and the development of British economic thought;
- B. Australian economic history; and one of two special topics which are taught in tutorials. The special topics for 1958 are: (a) Land transport in England and Australia; or (b) The history of economic thought.

Preparatory reading:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750*, chapters VII-IX.

Court, W. H. K., *A concise economic history of Britain from 1750 to recent times*.

Shann, E., *An economic history of Australia*, parts II and III.

Fitzpatrick, B., *The British Empire in Australia: an economic history 1834-1939* (relevant chapters).

Hicks, J. R., *The social framework* (revised edition).

Other useful books are:

Ashton, T. S., *An economic history of England—the eighteenth century*.

Ashton, T. S., *The industrial revolution, 1760-1830*.

Ashworth, W., *A short history of the international economy, 1850-1950*.

Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*, part 3.

Clapham, Sir John, *An economic history of modern Britain*.

Cunningham, W., *Growth of English industry and commerce: modern times*, part II, *Laissez Faire*.

Fay, C. R., *Great Britain from Adam Smith to the present day*.

Gayer, A. D., Rostow, W. W., and Schwartz, A. J., *The growth and fluctuation of the British economy, 1790-1850*.

Halévy, E., *A history of the English people in the nineteenth century* (relevant chapters).

Heaton, H., *Economic history of Europe* (revised edition).

Hoffman, W. G., *British industry, 1700-1950*.

Knowles, L. C. A., *The industrial and commercial revolutions in Great Britain during the nineteenth century*.

Lewis, W. A., *Economic survey, 1919-1939*.

Lipson, E., *The growth of English society*.

Rostow, W. W., *British economy of the nineteenth century*.

Clark, C. M. H., *Select documents in Australian history*, vol. II, part 2.

Coghlan, T. A., *Labour and industry in Australia*, vol. IV, part 7.

Greenwood, G. (ed.), *Australia—a social and political history*, chaps. IV-VIII.

Grattan, C. Hartley, *Australia*, part 4 and part 7, chap. XXVIII.

Gide, C., and Rist, C., *History of economic doctrines*.

Hutchison, T. W., *A review of economic doctrines, 1870-1929*.

Schumpeter, J., *Economic doctrine and method*.

Roll, E., *History of economic thought*.

Whittaker, E., *A history of economic ideas*.

Reading on special topics will be suggested during the year.

56. History III

The Pacific

A third-year course; pre-requisite: History II (A or B); available to exempted students only in special circumstances. This course will be examined in two parts:

A. East Asia and America;

B. Australia.

Preparatory reading:

Vinacke, H. M., *A history of the Far East in modern times*.

Clyde, P. H., *The Far East*.

Ball, MacMahon, *Nationalism and communism in East Asia*.

Greenwood, G. (ed.), *Australia, a social and political history*.

Other useful books:

Hudson, G. F., *The Far East in world politics*.

Fitzgerald, C. P., *Revolution in China*.

Lindsay, M., *China and the cold war*.

Asu-yu-Teng and Fairbanks, J. (eds.), *China's response to the west, 1839-1923*.

Clyde, P. H., *United States policy towards China, 1839-1939*.

Brandt, C., Schwartz, B., and Fairbanks, J., *A documentary history of Chinese communism*.

Yanaga, C., *Japan since Perry*.

Beasley, W. G., *Select documents on Japanese foreign policy, 1853-68*.

Norman, E., *Japan's emergence as a modern power*.

Jones, F. C., *Japan's new order in East Asia, 1937-45*.

Griswold, A. W., *The Far Eastern policy of the United States*.

Reischauer, E. O., *The United States and Japan*.

Vinacke, H. M., *The United States and the Far East*.

Furnivall, J. S., *Netherlands India*.

Cambridge History of the British Empire, vol. II, part I.

Crawford, R. M., *Australia*.

Clark, C. M. H., *Select documents in Australian history*, vols. I and II.

Sawer, G., *Australian Federal politics and law, 1901-1929*.

Greenwood, G. and Harper, N. (eds.), *Australia in world affairs, 1950-1955*.

58. 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

either

(i) History I, History IIA and IIB, History III, and Economics I or Social Economics,

or

(ii) History I, History IIA or IIB, History III, and a third-year course in another department of the Faculty of Arts);

(b) to undertake such honours work as may be required in connection with some of these courses;

(c) to be able to translate from French, German, or Italian;

(d) to undertake a fourth year of honours work, including tutorial discussions, written examinations, and the writing of a thesis.

59. History for the Degree of M.A.

Candidates for the degree of M.A. in History should consult the Professor.

POLITICS.

There are four courses in this School: Politics I, II, IIIA and IIIB.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II is taken; Politics II completed before Politics IIIA is taken; and either History II (A or B) or Politics II completed before Politics IIIB is taken.

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.

61. Politics I.

Constitutions in the Making.

A first-year course; no pre-requisite; available to exempted students. This course will devote a term to each of the following topics:

- (a) constitutional developments in Britain up to 1688 (with special attention to the political conflicts of the 17th century);
- (b) developments in Britain since 1688 (with special attention to the growth of cabinet government and political democracy);
- (c) the growth of the Australian constitution (with some reference to the development of Dominion status and the British Commonwealth).

Preliminary reading:

Mackenzie, K. R., *The English parliament* (Pelican).

Barker, E., *Britain and the British people* (Oxford).

Students should procure:

Taswell-Langmead, T. P., *English constitutional history* (10th ed., Sweet and Maxwell).

Jennings, W. I., *The British Commonwealth of Nations* (Hutchinson).

Other useful books are:

Keir, D. L., *Constitutional history of modern Britain, 1485-1951* (Black).

Hallam, H., *Constitutional history of England* (Everyman).

Maitland, F. W., *Constitutional history of England* (C.U.P.).

Chrimes, S. B., *English constitutional history* (H.U.L.).

Marriott, J. A. R., *English political institutions* (O.U.P.).

Bagehot, W., *The English constitution* (Kegan Paul).

Thompson, F., *Short history of parliament, 1295-1642* (Univ. Minnesota).

Pollard, A. F., *Evolution of parliament* (Longmans).

Pollard, A. F., *Factors in modern history* (Constable).

Neale, J. E., *Elizabeth I and her parliaments, 1559-81* (Cape).

Tanner, J. R., *English constitutional conflicts of the 17th century* (C.U.P.).

Tanner, J. R., *Tudor constitutional documents, 1485-1603* (Cambridge).

Tanner, J. R., *Constitutional documents of the reign of James I, 1603-25* (C.U.P.).

Gardiner, S. R., *Constitutional documents of the Puritan revolution, 1625-1660* (Oxford).

Costin, W. C., and Watson, J. S., *The law and working of the constitution: documents, 1660-1914* (2 vols., Black).

Le May, G. H. L., *British government, 1914-1953* (Methuen).

Woodhouse, A. S. P. (ed.), *Puritanism and liberty* (Dent).

Wolfe, D. M., (ed.), *Leveller manifestos of the Puritan revolution* (Nelson).

Schenk, W., *The concern for social justice in the Puritan revolution* (Longmans).

Gooch, G. P., *Political thought from Bacon to Halifax* (Oxford).

Allen, J. W., *English political thought, 1603-60* (Methuen).

Zagorin, P., *A history of political thought in the English revolution* (Routledge).

Laski, H. J., *Political thought in England: Locke to Bentham* (Oxford).

Barker, E., *Political thought in England, 1848-1914* (Oxford).

Trevelyan, G. M., *The English revolution* (Oxford).

Williams, B., *The Whig supremacy* (Oxford).

Emden, C. S., *The people and the constitution* (Oxford).

Smellie, K. B., *A hundred years of English government* (Duckworth).

- Jennings, W. I., *Cabinet government* (Cambridge).
Cambridge history of the British empire, Vol. VII (Australia).
 Wood, F. L. W., *The constitutional development of Australia* (Harrap).
 Clark, C. M. H., *Select documents in Australian history, 1788-1850*
 (Angus and Robertson).
 Clark, C. M. H., *Select documents in Australian history, 1851-1900*
 (Angus and Robertson).
 Melbourne, A. C. V., *Early constitutional development of Australia*
 (O.U.P.).
 Quick, J., and Garran, R. R., *The annotated constitution of the Aus-
 tralian Commonwealth*.
 Dawson, R. MacG., *The development of dominion status, 1900-36*
 (Oxford).
 Wheare, K. C., *The statute of Westminster and dominion status* (Oxford).
 Mansergh, N., *The Commonwealth and the nations* (R.I.A.).
 Shiels, D., (ed.), *The British Commonwealth—a family of peoples*
 (Odhams).

62. Politics II.

The Modern Democratic State.

A second-year course; pre-requisite: Politics I; available to exempted students. This course discusses both the theory and the institutions of modern parliamentary democracies. It will be concerned mainly with the general principles of the British and Australian constitutions, but it also includes some reference to the U.S.A. and other countries.

Preliminary reading:

- Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).
 Jennings, W. I., *The Queen's government* (Pelican).
 Sawyer, G., *Australian government today* (Melb. Univ. Press).

Students should procure:

- Soltau, R. H., *Introduction to politics* (Longmans).
 Miller, J. D. B., *Australian government and politics* (Duckworth).
 Crisp, L. F., *The parliamentary government of the commonwealth of
 Australia* (Longmans).
 Lindsay, A. D., *The essentials of democracy* (Oxford).

Other useful books are:

- Strong, C. F., *Modern political constitutions* (Sidgwick and Jackson).
 Jennings, W. I., *The British constitution* (Cambridge).
 Friedrich, C. J., *Constitutional government and democracy* (Ginn).
 Finer, H., *Theory and practice of modern government* (Methuen).
 Brogan, D. W., *Introduction to American politics* (Hamish Hamilton).
 Wheare, K. C., *Modern constitutions* (Oxford).
 Hamilton, Madison & Jay, *The federalist* (Dent).
 Wheare, K. C., *Federal government* (Oxford).
 Snyder, R. C., and Wilson, H. H., *Roots of political behaviour* (American
 Book Company).
 Greenwood, G., *The future of Australian federalism* (Melb. Univ. Press).
 Sawyer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).
 Brady, A., *Democracy in the dominions* (Univ. Toronto Press).
 Overacker, L., *The Australian party system* (O.U.P.).
 Hocking, W. E., *Freedom of the press* (Univ. Chicago Press).
Royal commission on the press, Report (H.M.S.O., 1949).
 Lippmann, W., *Public opinion* (Macmillan).
 Laski, H. J., *A grammar of politics* (Allen and Unwin).
 Laski, H. J., *Liberty in the modern state* (Allen and Unwin).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Schumpeter, J. A., *Capitalism, socialism and democracy* (Allen and
 Unwin).
 Lindsay, A. D., *The modern democratic state* (Oxford).
 Barker, E., *Reflections on government* (Oxford).
 Woolf, L., *After the deluge* (3 vols., Hogarth Press).
 Crossman, R. H., *Government and the governed* (Christophers).
 Oakeshott, M., *Social and political doctrines of contemporary Europe*
 (Cambridge).

63. Politics IIIA.

Government and Public Administration.

A third-year course; pre-requisite: Politics II; not available to exempted students.

A study of government with particular reference to the administrative machinery involved. The course will consist as follows:—

- (i) A study of the development of administrative theory; formal and informal organisation; the social working group; co-ordination, communication and control.
- (ii) Detailed discussion of the Public Service, its structure, functions, problems and relationships with other organs of government. Bureaucracy.
- (iii) A study of Local Government and quasi-governmental bodies; administrative problems raised by the federal structure of government.

The course will be treated comparatively and particular reference will be made to the British, American and French systems of government.

Preliminary reading:

- Gladden, E. N., *Introduction to public administration* (Staples).
Gladden, E. N., *Essentials of public administration* (Staples).

Students should obtain:

- Simon, H. A., et al., *Public administration* (Knopf).
Finer, S. E., *A primer of public administration* (Muller).
Urwick, L., *The elements of organisation* (Pitman).

Other useful books:

- Monck, B., *How the Civil Service works* (Phoenix).
Campbell, G., *The Civil Service in Britain* (Pelican).
Chester, D. N., *Central and local government* (Macmillan).
Cole, G. D. H., *Local and regional government* (Cassell).
Warren, J. H., *English local government system* (Allen and Unwin).
Smellie, K. B., *Hundred years of English government* (Duckworth).
Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
Brown, J. A. C., *The social psychology of industry* (Pelican).
Simon, H. A., *Administrative behaviour* (Macmillan).
Critchley, T. A., *The Civil Service today* (Gollancz).
Bland, F. A., *Government in Australia* (Government Printer).
Miller, J. D. B., *Australian government and politics* (Duckworth).
Lord Campion (Ed.), *British government since 1918* (Allen & Unwin).
Chapman, B., *Introduction to French local government* (Allen & Unwin).
Morrison, H., *Government and Parliament* (O.U.P.).
Milward, G. E., *Large scale organisation* (Macdonald & Evans).
Dimock, M. & G., *American government in action* (Rinehart).
Marx, M., *Elements of public administration* (Prentice-Hall).
Parker, R. S., *Public service recruitment in Australia* (Melb. U.P.).
Waldo, D., *Ideas and issues in public administration* (McGraw-Hill).
Figors, P. J. W., and Myers, *Personnel administration* (McGraw-Hill).

64. Politics IIIB.

International Relations

A third-year course; pre-requisite: Politics II or History II (A or B); not available to exempted students.

This course will be examined in two parts.

A. International relations in theory and practice.

- (1) Changing ideas on international relations: The Medieval ideal; Machiavelli; the national sovereign state; the classical balance of power; a world order.
- (2) The "structure" of international relations: the aims and purposes underlying the foreign policies of states; the techniques and strategies used by states to affect the behaviour of other states; power politics and factors of power; states and scruples—international law and international organization.
- (3) Present day international society.

- B. A special topic, to be studied in tutorials, concerning relations between states in certain areas of tension.

Special topic for 1958: The Middle East.

Preliminary reading:

Chambers, F. P., and others, *This age of conflict* (Harcourt Brace).
Friedmann, W., *Introduction to world politics* (Macmillan).

Students should procure:

Carr, E. H., *The twenty years' crisis* (Macmillan).
Carr, E. H., *Nationalism and after* (Macmillan).
The New York Times (International Edition), *The news of the week in review* (Herald & Weekly Times Ltd.).

Other useful books are:

Friedmann, W., *The crisis of the national state* (Macmillan).
Hawtrey, R. G., *Economic aspects of sovereignty* (Longmans).
Schwarzenberger, G., *Power politics* (Stevens).
Wight, M., *Power politics* (R.I.I.A.).
Carr, E. H., *The Soviet impact on the western world* (Macmillan).
Carr, E. H., *International relations between the two world wars* (Macmillan).
Brierly, J. L., *The outlook for international law* (Oxford).
Morgenthau, H., *Politics among nations* (Knopf).
Morgenthau, H., *Scientific man versus power politics* (Latimer House).
Morgenthau, H., and Thompson, K. W., *Principles and problems of international politics* (Knopf).
Padelford and Lincoln, *International politics* (Macmillan).
Nicolson, H., *Diplomacy* (Thornton Butterworth).
Panikkar, K. M., *Principles and practice of diplomacy* (Asia Publishing House).
Strausz-Hupe, R., *Geopolitics* (Putman).
Niebuhr, R., *Moral man and immoral society* (Scribner).
MacIver, *The web of government* (Macmillan).
Mansergh, N., *The Commonwealth and the nations*.
R.I.I.A., *Defence in the cold war* (R.I.I.A.).
T. H. Pear (ed.), *Psychological factors of peace and war* (Hutchinson).
Brown, W., *War and the psychological conditions of peace* (Black).
Klineberg, O., *Tensions affecting international understanding* (Social Science Research Council).
Wright, Q., *A study of war* (Chicago University).

68. 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, Politics IIIA and 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 II (A or B) 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.

69. 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 five courses in this school. Philosophy I is an introduction to Logic and Metaphysics and Moral and Political Philosophy. Philosophy IIA and Philosophy IIIA are respectively second and third-year courses in Metaphysics and Logic, and Philosophy IIB and IIIB are respectively second and third-year courses in Moral and Political Philosophy and Logic. Philosophy I is a pre-requisite for Philosophy IIA or IIB, Philosophy IIA is a pre-requisite for Philosophy IIIA, and Philosophy IIB is a pre-requisite for Philosophy IIIB.

71. Philosophy I.

The course of lectures is given every year and is completed in one year.

Prescribed books:

Plato, *Republic*, translated by Cornford (O.U.P.) or by Lee (Penguin).
 Descartes, *Discourse on method, meditations*, in Descartes' *Philosophical writings* translated by Anscombe and Geach (Nelson).

72. Philosophy IIA

The course of lectures is given every year and is completed in one year.

Prescribed books:

Locke, *Essay concerning human understanding* (abridged edition, O.U.P.).
 Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).
 Hume, *Treatise of human nature*, Book I (Everyman).
 Black, M., *Critical thinking* (Prentice-Hall).

73. Philosophy IIB.

The course of lectures is given every year and is completed in one year.

Prescribed books:

Butler, *Sermons* (edited by W. R. Matthews; Bell).
 Sidgwick, H., *Methods of ethics* (Macmillan).
 Nowell-Smith, P. H., *Ethics* (Pelican).
 Toulmin, S. E., *The place of reason in ethics* (C.U.P.).
 Black, M., *Critical thinking* (Prentice-Hall).

74. Philosophy IIIA.

The course of lectures is given every year and is completed in one year. Subjects of examination will be the topics discussed in the following books:

Frege, *Foundations of arithmetic* (translated by J. L. Austin—Blackwell).
 Wittgenstein, L., *Tractatus logico-philosophicus* (Routledge and Kegan Paul).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Other minds* (Blackwell).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 Wittgenstein, L., *Philosophical investigations* (Blackwell).
 Geach, P. T., *Mental acts* (Routledge).
 Urmson, J. O., *Philosophical analysis* (O.U.P.).
 Strawson, P. F., *Introduction to logical theory* (Methuen).

75. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. Subjects of examination will be the topics discussed in the following books:

Hume, *Treatise on human nature*, Book III (Everyman).
 Moore, G. E., *Principia ethica* (C.U.P.).
 Kant, *Groundwork of the metaphysic of ethics* (translated by H. J. Paton under the title *The moral law*—Hutchinson).
 Hegel, *Philosophy of right* (translated by T. M. Knox, O.U.P.).
 Strawson, P. F., *Introduction to logical theory* (Methuen).

78. 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 71, 72, 73, 74 and 75, candidates are expected to show knowledge of the following works:

Kant, *Critique of pure reason* (translated by N. Kemp Smith—Macmillan).

And of the topics dealt with in the following works:

Whitehead and Russell, *Principia mathematica*, 2nd edition (introduction only) (C.U.P.).

Prior, A. N., *Formal logic* (O.U.P.).

Ryle, G., *Dilemmas* (C.U.P.).

Kneale, W., *Probability and induction* (O.U.P.).

79. 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 Head of the Department.

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 Psychometrics, which can be taken as a supplementary course after passing in 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 supplementary courses in Laboratory work and Psychometrics, or for Psychology IIIA until he has passed in Psychology IIA or IIB, or for Psychology IIIB until he has passed in either Psychology IIA or IIB.

80. Psychology IA.

This course is intended to give a general survey of the main topics and methods of Psychology.

The central feature of the course will be a study of human experience and behaviour in relation to such social settings as the family, the school, and the work situation.

The topics will cover—

1. Basic psychological processes such as perception, learning and motivation.
2. Abilities and individual differences.
3. The nature of personality.
4. Introductory theoretical analysis of the biological and social determinants of behaviour.

The methodology will include—

- (a) A critical appraisal of commonsense views of human behaviour.
- (b) The use of directed observation, experiment and measurement.

There will be two lectures a week with occasional tutorials, special film sessions, one case study and essay work. In addition, students may be required to spend periods not exceeding a total of four hours for the year as participants in psychological experiments.

Preliminary (vacation) reading:

Bowlby, J., *Child care and growth of love* (Pelican Book).

Eysenck, H. J., *The uses and abuses of psychology* (Pelican).

Eysenck, H. J., *Sense and nonsense in psychology* (Pelican).

Valentine, *The normal child* (Pelican Book).

Text-books:

- Ruch, *Psychology and life* (Scott Foresman & Co., N.Y.)
 or
 Morgan, C. T., *Introduction to psychology* (McGraw-Hill)
 or
 Munn, N., *Psychology. The fundamentals of human adjustment* (Houghton Mifflin).
 Driver, J., *A dictionary of psychology* (Penguin).

Text-books for essays:

One of the following titles must be read and known in detail from the psychological point of view:

- Flaubert, *Madam Bovary* (Penguin).
 Butler, S., *The way of all flesh* (Penguin).
 Hardy, T., *Jude the obscure* (Macmillan).
 Dickens, C., *Great expectations* (Penguin).
 Cary, J., *The horse's mouth* (Penguin).
 Woolf, V., *Between the acts* (Hogarth).

References:

Reference may be made to sections of the following:

- Brown, J. A. C., *Social psychology of industry* (Pelican).
 Flugel, J. C., *A hundred years of psychology* (Duckworth).
 Klineberg, *Social psychology* (Revised edition).

81. Psychology I.

This course is intended to give a general survey of the main topics and methods of psychology. It will be the necessary introduction for those who propose to take more than one year in the subject.

Theory: The lectures will be those given for Psychology IA. There will be no essay requirements, but students will be required to do laboratory and psychometrics work and to spend periods not exceeding a total of four hours for the year as participants in psychological experiments.

Laboratory work: Two hours a week devoted to an introductory training in scientific method as applied to psychological problems.

Psychometrics: One lecture a week on statistical and scientific method as applied to psychological data.

Preliminary reading: As for Psychology IA.

In addition, students should obtain copies of the Psychology Department Psychometric I notes from the Secretary for preliminary study at the time of entry for the subject.

Text-books:

- Morgan, C. T., *Introduction to psychology* (McGraw-Hill).
 Guilford, J. P., *Fundamental statistics in psychology and education* (McGraw-Hill).
 Atkin, H., and Colton, *Tables for statisticians* (Barnes and Noble, N.Y.).
 Warren, H. G., *A dictionary of psychology* (Houghton Mifflin).

References:

In addition to those listed for Psychology IA:

- Munn, N., *Psychology. The fundamentals of human adjustment* (Houghton Mifflin).
 Katz, *Animals and men* (Pelican Book).
 McNemar, Q., *Psychological statistics* (Wiley).
 Crafts, L. W., *Recent experiments in psychology* (McGraw-Hill) (2nd ed.).
 Garrett, H. E., *Great experiments in psychology* (Appleton-Century).
 Townsend, *Introduction to experimental method* (McGraw-Hill).

82. Psychology IIA

(Experimental and behavioural science)

This subject is designed to provide a more intensive study of the basic psychological processes of perception, learning, thinking and motivation; and an introduction to the complex functions of personality in relation to a general behaviour theory.

Topics will include: Perception, contrasting the work of Ames and Brunswick; learning theories of Pavlov, Thorndike, Guthrie, Skinner, Hull, Tolman, the Gestaltists, Lewin and Hebb, and some current developments; learning theory and personality dynamics (Mowrer), personality measurement (Eysenck), and general personality theory (Freud, Allport and Murphy).

Theory: There will be two lectures and one tutorial a week.

Psychometrics: One lecture a week on statistical and quantitative techniques as applied to psychological data. The topics and standard will be as given in Guilford *Fundamental statistics in psychology and education* with some non-parametric methods.

Laboratory: Three hours a week devoted to experiments, demonstrations, assessments and clinical observations in relation to learning theory, perception, personality and the measurement of individual differences.

Preliminary (vacation) reading:

Moroney, J., *Facts from figures* (Pelican).

Kohler, W., *The mentality of apes* (Pelican).

Freud, S., *An outline of psychoanalysis* (McGraw-Hill).

Text-books:

Guilford, J. P.: *Fundamental statistics in psychology and education* (McGraw-Hill).

Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).

Morgan, C. T., and Stellar, *Physiological psychology* (McGraw-Hill).

Asch, S. E., *Social psychology* (Prentice-Hall).

References:

Allport, G., *Personality, a psychological interpretation* (Holt).

Eysenck, H. J., *The dimensions of personality* (Kegan Paul).

Eysenck, H. J., *The scientific study of personality* (Kegan Paul).

Cronbach, L. J., *The essentials of psychological testing* (Harper).

Mowrer, O. H., *Learning theory and personality dynamics* (Ronald Press).

Murphy, G., *Personality* (Harper).

Vernon, P. F., *Personality tests and assessments* (Methuen).

Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).

Dollard, J. and Miller, N. E., *Personality and psychotherapy* (McGraw-Hill).

Seigal, S., *Non-parametric statistics* (McGraw-Hill).

Pavlov, I. P., *Lectures on conditioned reflexes* (Oxford).

Bazowitz, H., et al., *Anxiety and stress* (McGraw-Hill).

Hebb, D. O., *Organisation of behaviour* (Wiley).

83. Psychology IIB

(Developmental and child psychology)

This course is designed to provide a more intensive study of developmental processes in the human being as introduced in Psychology I. Emphasis will be placed on the criteria of normal development and the theory of individual differences. Phases covered will include infancy, childhood, puberty, maturity and senescence.

The development and maturation of the basic psychological processes will be studied with reference to genetic and environmental factors. The subject matter will be presented in the context of the theories advanced by the psychoanalysts, the field theorists and learning theorists.

Theory: Two lectures and one tutorial a week. About 8 lectures and demonstrations will be taken in general genetics.

Psychometrics: A further development of psychometrics as given in Psychology I and experimental design and additionally non-parametric statistics as applied to developmental data and problems.

Laboratory: An average of four hours a week of observation, experimentation and formal psychological testing and including some introductory work in genetics.

Preliminary (vacation) reading:

Schienfeld, A., *The new you and heredity* (Chatto & Windus).

Kalmus, *Genetics* (Pelican).

Advances in understanding the child (The Home and School Council of Great Britain).

Advances in understanding the adolescent (The Home and School Council of Great Britain).

Jersild, A., *Child psychology* (Prentice-Hall).

Text-books:

- Carmichael, *Manual of child psychology* (Wiley).
 Seigal, S., *Non-parametric statistics* (McGraw-Hill).

References:

- Issacs, S., *Social development in young children* (Routledge).
 Piaget, *The moral judgement of the child* (Kegan Paul).
 Cole, L., *The psychology of adolescence*, 4th edition (Rinebart).
 Hurlock, E. B., *Adolescent development* (McGraw-Hill).
 Terman and Merrill, *Measuring intelligence* (Harrap).
 Schonell, *Backwardness in the basic subjects* (Oliver and Boyd).
 Lindgren, *Educational psychology in the classroom* (Wiley).
 Griffiths, R., *The abilities of babies* (University of London).
 Gesell and Thompson, *The psychology of early growth* (Macmillan).
 Gesell and Ilg, E. L., *The child from five to ten* (Hamilton).
 Barker, Konnin & Wright, *Child behaviour and development* (McGraw-Hill).
 Wittenborn, J. R., *A study of adoptive children* (Psych. Monograph No. 408-410, 1956).
 Bakivin & Bakivin, *et al.*, *Psychologic care during infancy and childhood* (Appleton-Century).
 Buhler, C., *The first year of life* (Day).
 Cattell, R., *Measurement of intelligence of infants and young children*. (The Psychological Corporation).

84. Psychology IIIA

(Behavioural science)

(The course will not be offered until 1959.)

This advanced course of study will, with some exception, be concerned in the main with modern behaviour theory based essentially on experiment and measurement. The course will have reference to three fields of study:

- (a) Comparative psychology—unlearned reactions with reference to the modern work of Lorenz and Tinbergen.
- (b) Deviant behaviour—the study of a variety of human and animal behaviour viewed as deviating in some measurable degree from group norms and patterns. Reference will be made to the behaviour of delinquents, mental defectives and the mentally ill.
- (c) Industrial psychology—work study, job analysis, selection, guidance, case study—the ecological approach to theory of occupations.

Theory: There will be three lectures a week in theory.

Psychometrics: One lecture a week on advanced work in psychometrics. Further developments of the syllabus for Psychology IIA on correlation, multiple classification in the analysis of variance and covariance. The principles of experimentation and sampling and scaling methods; item analysis and the rationale for speed and power tests, multiple regression problems including the discriminant function. The methods and theory of factor analysis.

Laboratory and Field Work: An average of eight hours a week devoted to experiments, psychological assessments and clinical work in relation to the main content of the course.

Preliminary (vacation) reading:

- Tinbergen, N., *The study of instinct* (Oxford).
 Sholl, D. A., *The organisation of the cerebral cortex* (Methuen).
 Urwick & Brech, *The making of scientific management* (Management Publications Trust, 1949).
 Maslow and Mittelmann, *Principles of abnormal psychology*, 2nd ed. (Harper).

References:

Testing:

- Terman and Merrill, *Measuring intelligence* (Harrap).
 Rapaport, *Manual of diagnostic psychological testing*, Vols. I and II (Year Book Publishers).
 Wechsler, D., *The measurement of adult intelligence* (Williams & Wilkens).
 Klopfer & Kelly, *The Rorschach technique* (World Books).
 Beck, Wilkins J., *The Rorschach test*, Vols. I, II, III (Grune Stratton).
 Henry, *The analysis of phantasy* (Wiley).
 Tomkins, *Thematic apperception test* (Grune Stratton).

Psychometrics:

- Guilford, *Psychometric methods* (McGraw-Hill).
 Gulliksen, H., *Theory of mental tests* (Wiley).
 Burt, D., *The factors of the mind* (London University Press).
 Johnson, P. O., *Statistical methods in research* (Prentice-Hall).
 Brown & Ghiselli, *Scientific method in psychology* (McGraw-Hill).

Deviant behaviour:

- Henderson and Gillespie, *Handbook of psychiatry* (Oxford).
 Hall & Linzey, *Theories of personality* (Wiley).
 Penrose, L. S., *The biology of mental defect* (Sedgwick Jackson).
 Richards, *Modern clinical psychology* (McGraw-Hill).
 Eysenck, H., *The structure of human personality* (Methuen).
 Hunt, J. McV., *Personality and the behaviour disorders*, Vols. I and II (Ronald).

Industrial:

- Jaques, E., *The changing culture of a factory* (Tavistock Publications).
 Walker, K. F., *Industrial relations* (Harvard Press).
 Ghiselli, E. E., and Brown, C. W., *Personnel and industrial psychology* (McGraw-Hill).
 Stagner, *The psychology of industrial conflict* (Wiley).
 Kahn, R. L., and Cannell, *The dynamics of interviewing* (Wiley).

Comparative:

- Munn, N., *The handbook of psychological research on the rat* (Houghton Mifflin).
 Masserman, J. H., *Behaviour and neurosis* (University of Chicago).
 Stone, C. P., *Comparative psychology* (Staples).
 Stevens, S. S., *Handbook of experimental psychology* (Wiley).

85. Psychology IIIB (Social psychology)

The course aims to cover the field of study and the theory of social psychology with some attention being given to the problems that are also treated in closely related fields. There will be a series of experiments involving both laboratory and field studies.

Theory: Two lectures and one tutorial a week on a systematic treatment of the theories of group behaviour with reference to recent empirical studies in social psychology. Topics will include—forms of interpersonal influence and communication, collective problem solving, public opinion and mass media influences, the effect of social norms, class roles and reference groups. The analysis of leadership, group action, the formation of attitudes. The effect of social influence on individual psychological processes.

Psychometrics: One lecture a week.

Sampling and survey methods applied to social psychology data. The construction of attitude scales. The development of social science models.

Laboratory: An average of four hours a week in exercises in connection with the main content of the theory to demonstrate the structure and function of group and collective behaviour.

Field work: A minimum of 20 sessions as participant observer of some of the following:—

A mental hospital section as a therapeutic community.

The group structure and social climate of a Kindergarten group or a primary school class or a University tutorial group.

A W.E.A. discussion class.

Leadership control in a Boys' Club or Girls' Club, Guide Company or Scout Group.

The interplay of tensions in a formal committee.

Text-books:

- Argyle, M., *The scientific study of social behaviour* (Methuen).
 Lindzey, G. (Editor), *Handbook of social psychology*, 2 vols. (Addison Wesley).
 Swanson, Newcomb and Hartley, *Readings in social psychology* (Holt).
 Yates, F., *Sampling methods for censuses and surveys* (Griffen).

References:

- Lazarsfeld, *The language of social research* (Free Press).
 Newcomb, T. M., *Social psychology* (Dryden).
 Klineberg, O., *Social psychology* (Revised Edit.) (Holt).
 McDougall, W., *Introduction to social psychology* (Methuen).
 Sherif and Cantril, *The psychology of ego involvements* (Wiley).
 Asch, S. E., *Social psychology* (Prentice-Hall).
 Hayman, *Interviewing in social research* (Chicago).
et al.
 Foulkes and Anthony, *Group psychotherapy* (Pelican).
 Benedict, R., *Patterns of culture* (Houghton Mifflin).
 Kahn, R. R., and Cannell, C. F., *The dynamics of interviewing* (Wiley).
 Bennet, M., *Guidance in groups* (McGraw-Hill).
 Casey and Perry, *Punched cards* (Reinhold).
 Bendix, R., and Lipset, S. M., *Class status and power* (Free Press).
 Parsons, T., and Bales, R. F., *Family socialisation and interaction process* (Routledge).
 Rohrer, J. H. and Sheref, M. *Social psychology at the cross roads* (Harper).
 Sheref, M., *An outline of social psychology* (Harper).

87. Psychology for the Honours Degree of B.A.

Students intending to take Honours should consult the Head of the Department of Psychology before beginning their second year's work. They will be required:

- (a) To pass in Psychology I, IIA, IIB, IIIA, IIIB, a language other than English, and two other subjects as prescribed for the ordinary degree of B.A.
- (b) To pass in the third or fourth year in History of Psychology parts A and B.

History of Psychology—A.

A directed reading course for Honours students only.

The history of Psychology during the nineteenth and twentieth centuries.

Reference books:

- Flugel, J. C., *A hundred years of psychology*.
 Murphy, G., *An historical introduction to modern psychology* (Duckworth).
 Roback, A. A., *History of American psychology* (Kegan Paul).
 Boring, *The history of experimental psychology* (Allen & Unwin).
 James, W., *Principles of psychology*, Vols. I and II (Macmillan).
 Ward, J., *Psychological principles* (Cambridge).
 Stout, G. F., *Manual of psychology*, 1st or 2nd editions.
 Spearman, C., *The nature of intelligence and the principles of cognition* (Macmillan).
 Langfeld, *et. al.* (eds.), *History of psychology in autobiography*, vol. iv (Clark Univ. Press).

History of Psychology—B.

A directed reading course for Honours students only. A critical study of a selection of common terms in psychological theory in their historical context, and the philosophical assumptions on which they are based.

- (a) *Perception and cognition*. Perception, knowledge, understanding, intelligence, sensation, impression, idea, reason.
- (b) *Motivation and emotion*. Conation, will, drive, feeling, id, orexes, emotion, instinct.
- (c) *Personality*. Person and persona, self, ego, super ego.
- (d) *Methodology*. True, false, probable, define, number, function, empirical logical, necessary, contingent, sufficient.

Reference books:

- Lafitte, P., *The person in psychology* (Routledge, Kegan Paul).
 Russell, B., *The analysis of mind* (Allen & Unwin).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 (c) To present during the second and third years 6 essays on prescribed reading for honours.

- (d) To undertake a fourth year of honours work including prescribed reading, discussions, and the presentation of two papers embodying the results of:
1. An empirical investigation with emphasis on organisation, design and method.
 2. A philosophical, historical or literary inquiry into one of the fundamental concepts of psychology.

Prescribed reading for Honours:

- Alvarez, W. C., *Neuroses* (Saunders. Philadelphia and London).
 Bell, *Projective techniques* (Longmans).
 Beveridge, W. I., *The art of scientific investigation* (Heinemann).
 Bruner, J. S., Goodnow, J. J. and Austin, G. A., *A study of thinking* (Wiley).
 Bush & Mosteller, *Stochastic models for learning* (Wiley).
 Cherry, C., *On human communication* (Technology Press & Wiley).
 Cochran & Cox, *Experimental designs* (Wiley).
 Good, C. V., and Scates, D. E., *Methods of research* (Appleton-Century).
 Lazarfeld, P. F., *Mathematical thinking in the social sciences* (The Free Press, Illinois).
 Lazarfeld, P. F. and Rosenberg, M. T., *The language of social research* (The Free Press, Illinois).
 Marx, H., *Psychological theory* (Macmillan).
 Simon, H. A., *Models of man, social and rational* (Wiley).
 Stephenson, W., *The study of behaviour* (Univ. of Chicago).
 Stouffer, et al., *Measurement and prediction* (Princeton Univ.).
 White, L. D., *The study of social sciences* (Univ. Chicago).

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. Students proceeding to the Ordinary degree of B.A. may take all three; except by special permission of the Faculty of Arts, the course in Geography I must be completed before the course in Geography II is taken, and the course in Geography II must be completed before the course in Geography III is taken. 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 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.

91. Geography I.

Survey of physical and human geography. Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns; the nature and distribution of population; utilization 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.

Text-books:

James, P. E., and Kline, H. V. B., *Geography of man* (Ginn).

Reference books:

- Bowman, I., *Pioneer fringe* (American Geographical Society).
 Bowman, I., *The Andes of Southern Peru* (American Geographical Society).
 Brunhes, J., *Principles of human geography* (new English ed.) (Harrap, 1952).
 Bygott, J., *Mapwork and practical geography* (University Tutorial Press).
 Calder, Ritchie, *Men against the desert* (Allen and Unwin).
 Calder, Ritchie, *Men against the jungle* (Allen and Unwin).
 Coggins, R. S. and Hefford, R. H., *The practical geographic* (Longmans).
 Cressey, G., *Land of the 500 million* (McGraw-Hill).
 Davis, D. H., *The earth and man* (Macmillan).
 East, G., *The historical geography of Europe* (Methuen).
 Finch, V. C., and Trewartha, G. T., *Elements of geography, physical and cultural* (McGraw-Hill) (fourth edition).
 Forde, C. D., *Habitat, economy and society* (Methuen).
 Kellogg, C. E., *The soils that support us* (Macmillan).
 Kish, G. (ed.), *An introduction to world geography* (Prentice-Hall).
 Newbigin, M., *The Mediterranean lands* (Christophers, London).
 Pelzer, K., *Pioneer settlement in the Asiatic tropics* (American Geographical Society).
 Price, A. G., *White settlers in the tropics* (American Geographical Society).
 Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).
 Unstead, J. F., *A world survey* (University of London Press).
 U.S.A. Department of Agriculture *Year Books, 1938 and 1948*.
 Vidal de la Blache, P., *Principles of human geography* (Constable).
 Wells, H. G., *The outline of history* (Cassell).
 Wooldridge, S. W., and Morgan, R. S., *The physical basis of geography* (Longmans).

Other references will be prescribed by the lecturers.

92. Geography II.

A. PHYSICAL GEOGRAPHY: Further study of physical geography, and an introduction of statistical methods. The inter-relationship of climate with the other factors of the natural landscape—physiography, soils and vegetation—with particular reference to Australia.

B. REGIONAL GEOGRAPHY: (North America or Europe.) An introductory discussion of the regional concept; regional-economic geography, its basis and function. A general treatment of the physical factors of the environment; physiography, climate and soils, emphasizing their relationship to the development of human activity.

The regional-economic picture of land utilization, including agriculture, industry and commerce; historical factors influencing settlement; an analysis of the current economic activity and national and local policies regarding future development.

C. PRACTICAL WORK: The work deals with the preparation of climatic charts and maps, and some statistical handling of climatic material. A field camp will be held in March before the beginning of the first term. All students should contact the Department of Geography before March 1, 1958.

Text-books:

- Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Melb. U.P.).
 Pounds, N. J. G., *Europe and the Mediterranean* (McGraw-Hill), or
 White, C. L., and Foscue, E. J., *Regional geography of Anglo-America* (2nd edition) (Prentice-Hall).

Reference books:

- A.** Haurwitz and Austin, *Climatology* (McGraw-Hill).
 Robinson, G. W., *Soils, their origin, constitution and classification* (T. Murby & Co. and Allen & Unwin, London) (3rd ed, reprint, 1951).
 Cotton, C. A., *Geomorphology* (Whitcombe & Tombs).
 C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melb.).
Atlas of Australian resources (Dept. of National Development, Canberra).

- B. (i) *Europe*
 Shackleton, M. R., *Europe* (4th ed. Longmans).
 Stamp, L. D., and Beaver, S. H., *British Isles* (Longmans).
 East, G., *Historical geography of Europe* (Methuen).
 Fitzgerald, W., *The new Europe* (London).
 Smith, W., *An economic geography of Great Britain* (2nd ed. London).
 Gottmann, *A geography of Europe* (Henry Holt & Co.) (2nd ed., 1955).
 Dickinson, R. E., *Germany* (Methuen).
 Unstead, J. F., *A systematic regional geography*. Vol. 2. *Europe* (U.L.P. 2nd ed.).
 Kubiěna, W. L., *The soils of Europe*, Madrid, 1953 (T. Murby & Co., London).
- or
- (ii) *North America*
 Smith, J. R. and Phillips, O., *North America* (Henry Holt).
 Putnam, Donald F., *Canadian regions* (Crowell).
 Pounds, N. J. G., *North America* (Murray, 1955).
 Miller, G. J., Parkins, A. E. and Hudgins, B., *Geography of North America* (John Wiley).
 Freeman, O. W., and Martin, H. H., *The Pacific northwest: An overall appreciation* (John Wiley).
 Visher, S. S., *Climatic atlas of the United States* (Harvard U.P.).
 Zierer, C.M., *California and the south west* (John Wiley, 1956).
- C. Debenham, F., *Map making* (Blackie and Sons).
 Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, Univ. of London).
 Higgins, A. L., *Elementary surveying* (Longmans Green & Co.).
- Other texts and current publications will be prescribed by the lecturers.

93. Geography III.

A. CLIMATIC REGIONS: The physical factors which determine the pattern of climate on the earth. A critical study of the various attempts at climatic classification in the last century, with particular reference to the classifications of Köppen and Thornthwaite, and the recent climatic work of the Waite Institute.

B. THE GEOGRAPHY OF THE PACIFIC: The ecology of man in the Pacific region, with special reference to the changes produced by the European peoples over the period 1500-1950. A more detailed study of:

- a. White settlement in the Pacific Tropics.
- b. Eastern and South-Eastern Asia, particularly China, Japan and Indonesia.

C. PRACTICAL FIELD WORK: A field camp will be held during the May vacation. Individual research into historical documents and current information.

Books for reference:

- A. Trewartha, G., *An introduction to weather and climate* (McGraw-Hill).
 Haurwitz and Austin, *Climatology* (McGraw-Hill).
 Publications on climatic classification will be prescribed by the lecturer.
- B. Baker, J. N. L., *A history of geographical discovery and exploration* (London, 1945).
 Parry, J. H., *Europe and a wider world* (Hutchinson, 1955).
 Crone, G. R., *Maps and their makers* (Hutchinson, 1953).
 Church, R. J. H., *Modern colonization* (Hutchinson, 1951).
 Price, A. Grenfell, *White settlers in the tropics* (New York, 1939).
 Price, A. Grenfell, *White settlers and native peoples* (C.U.P., 1949).
 De Castro, J., *Geography of hunger* (London, 1952).
 Walker, A. S., *Clinical problems of war* (Canberra, 1952).
 Anderson, Edgar, *Plants, man and life* (New York, 1952).
 Kolarz, W., *The peoples of the Soviet Far East* (London, 1954).
 Cressy, G. B., *Asia's lands and peoples* (New York, 1954).
 East, W. G. and Spate, O. H. K., *The changing map of Asia* (London, 1950).
 Zinkin, M., *Asia and the West* (I.P.R., 1953).

- Ball, W. Macmahon, *Nationalism and communism in East Asia* (I.P.R., 1953).
- Price, A. Grenfell, *Australia comes of age* (Melbourne, 1945).
- Keesing, F. M., *The South Seas in a modern world* (I.P.R., 1946).
- McDonald, A. H. (Ed.), *Trusteeship in the Pacific* (Sydney, 1949).
- Weigert, H. W., and others, *New compass of the world* (London, 1949).
- Thomas, W. L. (Ed.), *Man's role in changing the face of the earth* (Univ. of Chicago Press, 1955).
- Fryer, D., *Indonesia* (Longmans).

95. 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; manufacturing industries, the main groups of industry, factors of location, development in Europe, North America, Asia and Australia; transport and trade, with special reference to Australia, Britain and U.S.A.; functions of cities, functional zoning within cities; the economic bases of the main powers of the world, the United Kingdom, the United States of America, the U.S.S.R. and Australia.

Books:

- A. Prescribed text:
Jones, C. F., and Darkenwald, G. G., *Economic geography* (Macmillan) (revised edition).
- B. Reference books:
Zimmerman, E. W., *World resources and industries* (Harper, N.Y., 1951 ed.).
Wadham, S. M. and Wood, G. L., *Land utilization in Australia* (Melb. Univ. Press).
Shaw, E. B., *World economic geography* (Wiley).
Oxford University Press, *Oxford economic atlas of the world*.
Commonwealth Year Books (Commonwealth Govt. 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.

98. Geography for the Honours Degree of Bachelor of Arts.

It is the practice to conduct Interim Honours classes concurrently with third year Geography and Final Honours classes in the fourth year. Detailed arrangements for these classes will depend on enrolments and students are advised to communicate with the Reader-in-Charge of Geography well before the beginning of the academic year.

In addition to attending seminars on special topics, e.g., History of Geographical Thought, Methodology, Cartography, and Regional Geography, Honours students are required to submit a field study on a selected geographical problem.

DIPLOMA IN EDUCATION

Candidates for the diploma in Education are recommended to take the course as far as possible *pari passu* with their degree course, extending it over four or more years. The diploma may be completed in a single year only by those who have graduated or have completed the prescribed number of degree courses. Candidates who wish to arrange for the extended course are advised to consult the Lecturer in Education regarding the order in which the subjects had best be taken. Lectures are given and examinations held in each subject and part subject every year.

101. Education.

The course of lectures is given every year, and is completed in one year.

Subjects of examination:

The lectures on the history and the theory of education.

History of Education.

Students who have done little or no reading in Ancient History are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

Books set:

Boyd, W., *History of western education* (Black).

Quick, R. H., *Essays on educational reformers* (Longmans).

Recommended for additional reading:

Curtis and Boulwood, *A short history of educational ideas* (Univ. Tutorial Pr.).

Monroe, P., *Brief course in the history of education* (Macmillan).

Cubberley, E. P., *History of education* (Mifflin).

Butts, R. F., *A cultural history of education* (McGraw-Hill).

Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).

Brubacher, *A history of the problems of education* (McGraw-Hill).

Theory of Education.

Books set:

Nunn, T. P., *Education, its data and first principles* (Arnold).

Recommended for additional reading:

Rousseau, J. J., *Emile* (Everyman).

Plato, *Republic* (Everyman or Cornford. Translation—Oxford) [Parts referring to Education].

Rusk, Robert R., *The doctrines of the great educators* (Macmillan).

Washburne, C. W., *Adjusting the school to the child* (World Book).

Adler, A., *Education of children* (Allen and Unwin).

Clarke, F., *Freedom in the educative society* (University of London Pr.).

Cook, H. C., *Play way* (Heinemann).

Whitehead, *Atoms of education* (Williams and Norgate).

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 organization 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-books:

- Williams, J. F., *Personal hygiene applied* (Saunders).
 Abbie, A. A., *Human physiology* (Angus and Robertson).
 Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

106, 107 and 108. Principles of Pre-Primary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

106. PART 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).
 Kenwick, E. E., *Number in the nursery and infant school* (Paul, Trench and Trubner).
 Marion Anderson and others, *Activity methods for children under eight* (Evans).
 Munro, R., *A teachers' manual* (Nisbet, 1954).
 Bell, Vicars, *On learning the English tongue* (Faber).
 Isaacs, Susan, *The nursery years* (Routledge and Kegan Paul, 1949).

Reference books:

- Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).
 Wauchope, M. L., *Let's play with numbers* (Whitcombe and Tombs).
 Serjeant, F. Irene, *From day to day in the infant school* (Blackie).
 Arrowsmith, G., and others, *Reading: an educational approach* (Evans).
 Simpson, D., and Alderson, D., *Creative play in the infants' school* (Pitman).

107. PART II.

A study of the historical development of the Infant School in England and in South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the Infant School; a more detailed consideration of aims and methods of teaching and class and school management; typical modern developments in educational practice—audio-visual education, the library in the Infant School, education of handicapped children, and parent co-operation in education.

Books prescribed for reading:

- Rusk, R. R., *History of infant education* (Univ. of London Pr.).
 Mellor, Edna, *Education through experience in the infant school years* (Blackwell).
 Gardner, D., *Testing results in the infants' school* (Methuen).
 Highfield, Miriam, *The young school failure* (Oliver & Boyd).
 Grassam, E. H., *Getting ready for reading teachers' manual* (Ginn).

Reference books:

- Strang, R. M., *Introduction to child study* (Macmillan).
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
 Sampson, G., *English for the English* (C.U.P.).

108. PART III.

More advanced consideration of the principles of pre-primary education.

Books prescribed for reading:

- Jersild, A. T., *Child psychology* (Prentice-Hall).
 Eng, H., *Psychology of children's drawings* (Paul, Trench and Trubner).
 Gruenberg, B., *Guidance of childhood and youth* (Macmillan).
 Harris, A. J., *How to increase reading ability* (Longmans).
 Viola, W., *Child art* (Univ. of London pr.).
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
 Scottish Council for Research in Education (1948), *Studies in reading*, Vol. I (Univ. of London pr.).
 Witty, P., *Reading in modern education* (D. C. Heath and Co.).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).

109, 110 and 111. Principles of Primary Education.

109. PART I.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

- Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).
Geography in the primary school, Report of the Geographical Association, Nov., 1949, Manchester.
 Keith and Robertson, *The principles of arithmetic* (Blackie).
 Jeffreys, M. V. C., *History in schools* (Pitman).

Reference books:

- Handbook for geography teachers* (Methuen).
 Lancelot, W. H., *Permanent learning* (Wiley).
 Glover, A. H. T., *New teaching for a new age* (Nelson).
 Gopill, G. H., *The teaching of geography* (Macmillan).
 Education Department of Victoria, *Method of teaching arithmetic* (Govt. Printer, Melbourne).
 Polkinghorne, R. K. and M. I. R., *Fundamental number teaching* (Harrap).
 Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).

110. PART II.

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, cumulative records.

Books prescribed for reading:

- Daniel, M. V., *Activity in the primary school* (Blackwell).
 Sampson, G., *English for the English* (C.U.P.).
 Great Britain, Board of Education, *Handbook of suggestions for teachers* (1937 ed. or later).
 Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).
Social studies for schools (M.U.P.).
 Sussams, T. W., *Poetry and the teacher* (Nelson).
The teaching of mathematics in primary schools. A report prepared for the Mathematical Association (Bell, London).
 Schonell, F. J., and Schonell, F. E., *Diagnosis and remedial teaching in arithmetic* (Oliver and Boyd).
 Dray and Jordon, *A handbook of social studies* (Methuen).

Reference books:

- Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).
 Nicholson, F. J., and Wright, V. K., *Social studies for future citizens* (Harrap).
 Dent, *Education in transition* (Routledge).
 Glassey, W., and Weeks, E. J., *The educational development of children* (Univ. of London Press).
 Ballard, P. B., *Teaching the essentials of arithmetic* (U.L.P.), 1956.

111. PART III.

The function of the primary school considered in relation to the present social background; a comparative study of the English and local systems. Current problems and modern developments in primary education, with some experimental work.

The course will be conducted by the seminar method, and readings additional to the prescribed books will be suggested.

Books prescribed for reading:

- Great Britain, Board of Education, *The Primary School* (H.M.S.O.).
 Scottish Education Department, *Primary education* (H.M.S.O.).
 University of London Institute of Education, *Studies in Education*. No. 6.
The problems of secondary education today (Evans Bros. Ltd., London).
 Washburne, C. W., *Adjusting the school to the child* (World Book Company).
 Hartog, Sir Philip, *Words in action* (Univ. of London Press).
 Fairgrieve, J., *Geography in school* (U.L.P.).
 Clarke, F., *Foundation of history teaching* (O.U.P.).
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
 Wilson, G. M., Stone, M. B., Dalrymple, C. D., *Teaching the new arithmetic* (McGraw-Hill, N.Y.).
 Fleming, C. M., *Research and the basic curriculum* (U.L.P.).

112, 113 and 114. Principles of Secondary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

112. PART I.

General survey of school aims, organisations and methods, with special consideration of primary schools.

A more detailed survey of the principles of teaching English, Social Studies, Mathematics and General Science, with particular reference to primary schools.

Books for reference:

- Great Britain. Scottish Education Department, *Primary education* (H.M.S.O.).
 Great Britain. Board of Education, *Handbook of suggestions for teachers* (H.M.S.O., 1937).
 Melvin, A. Gordon, *General methods of teaching* (McGraw-Hill).
 Kennedy, *The teacher in the making* (Oliver and Boyd).
 Sampson, George, *English for the English* (C.U.P.).
 Hemming, James, *The teaching of social studies in secondary schools* (Longmans).
 Keith and Robertson, *The principles of arithmetic* (Blackie).
A report for the Mathematical Association: The teaching of mathematics in primary schools (Bell).
 Harris, Thistle Y., *The teaching of nature study* (A.C.E.R.).

113. PART II.

A general study of secondary school problems and methods, and a more detailed study of the principles of teaching the chief secondary school subjects, together with the necessary historical background and some consideration of "further" education.

Books prescribed for reading:

- 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, Board of Education, *Report of the committee on public schools—the public schools* (Fleming Report) (H.M.S.O.).
 Scottish Education Department, *Secondary education, a report of the advisory council on education in Scotland* (H.M.S.O.).
The future of secondary education in Wales (1949) (Central Advisory Council for Education, Wales).
The new secondary education (British Ministry of Education Pamphlet No. 9) (H.M.S.O.).
 Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).

114. PART III.

More advanced course of directed reading, seminar exercises, essays and reviews, embracing:—

- (a) the growth of secondary education in Great Britain during the nineteenth and twentieth centuries.
- (b) a comparison of the systems, aims and problems of secondary education in the leading countries of western Europe, U.S.A. and Australia.
- (c) special consideration of aims and methods of teaching in one approved subject.

116 and 117. Educational Psychology.

Candidates are advised to take Part I of this subject as early as possible in their course, and to pass in Psychology IA (80) or Psychology I (81) as prescribed for the B.A. degree before beginning Part II.

116. PART I.

An introductory course, dealing with the growth and development of children and with the nature of the learning process.

The course will be developed as follows:

- I. Preliminary section.
 - Educational psychology: its field, methods and relationship to psychology.
- II. Growth and development of children.
 1. Physical.
 2. Mental.
 3. Emotional.
 4. Social.
 5. Moral.
- III. The learning process.
 1. Motivation.
 2. Consideration of some theories of learning.
 3. The nature of the thinking process.
- IV. Topics of special significance for teachers.
 1. Individual differences.
 2. Evaluating the results of learning.
 3. Mental hygiene in the class-room.
 4. Social factors in education.

Text-book:

Smith, H. P., *Psychology in teaching* (Prentice-Hall).

Reference books:

Hughes, A. G. and E. H., *Learning and teaching* (Longmans).

Lindgren, H. C., *Educational psychology in the class-room* (Chapman and Hall).

Peel, E. A., *The psychological basis of education* (Oliver and Boyd).

Other references will be given during the course.

117. PART II.

A more advanced course dealing with the nature of the learner and the learning process, and their bearing upon educational practice.

The course will be developed as follows:

- I. The nature of the learner as a developing organism.
 1. Physical development.
 2. Intellectual development, with special consideration of the nature and development of intelligence, and the rôle of the unconscious.
 3. Emotional development.
 4. Social development.

A special study will be made of group dynamics.

- II. The nature of the learner.
 1. More detailed consideration of the nature of the learning process, theories of learning and factors affecting learning.
 2. The thinking process.

III. Bearing of the nature of the learner and the learning process upon educational practice.

1. Methods of teaching the various "subjects" in the curriculum.
2. Appraisal of learning.

This will be a special topic in the course.

Evaluation and measurement will be considered in detail, with special reference to the application of statistical methods to data in the field of education.

3. Guidance—educational and vocational.
4. Mental hygiene in the class-room.

Text-books:

Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).
 Pressey, S. L., and Robinson, F. P., *Psychology and the new education* (Harper).

Oeser, O. A. (Ed.), *Teacher, pupil and task* (Tavistock).

Remmers, H. H., and Gage, N. L., *Educational measurement and evaluation* (Harper).

Reference books:

Wallas, G., *The art of thought* (Cape).

Cronbach, L. J., *Educational psychology* (Harcourt, Brace).

Bernard, H. W., *Mental hygiene for class-room teachers* (McGraw-Hill).

Other reference books will be given during the course.

119. Practical Teaching.

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons, and ten weeks (ordinarily not consecutive) for continuous teaching practice in such schools and under such conditions of supervision and reports as the Faculty may approve.

MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

121. Music I.

A. HISTORY OF MUSIC I—as for the second year course for the Diploma of Associate in Music (see syllabus No. 726).

B. FORM—as for the first year course for the degree of Bachelor of Music (See syllabus No. 731).

123. Music II.

A. HISTORY OF MUSIC II—as for the first year course for the degree of Bachelor of Music (See syllabus No. 727).

B. MUSICAL CRITICISM AND AESTHETICS—as for the second year course for the degree of Bachelor of Music (See syllabus No. 738).

125. Music III.

A. HISTORY OF MUSIC III—as for the second year course for the degree of Bachelor of Music (See syllabus No. 728).

B. 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.

THE HISTORY OF THOUGHT

(Course 141)

The course comprises about twenty lectures to be given during the first and second terms. Details will be announced separately.

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 as either day or as evening lectures, as follows:

	1958	1959	1960
Economics I	Evening	Day	Evening
Economics II	Day	Evening	Day
Economics III	Evening	Day	Evening

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.

150. 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.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1958 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to national income, unemployment, full employment, elementary money and banking, labour and wages, distribution of income and wealth, social security and welfare services, international trade, underdeveloped areas.

Text-books:

- Downing, R. I., *National income and social accounts* (M.U.P.) (2nd ed.).
 Samuelson, P. A., *Economics* (McGraw-Hill) (3rd edition).
 Tew, M., *Work and welfare in Australia* (M.U.P.).
 United Nations, *Measures for economic development of underdeveloped areas*.

Reference books:

- Hicks, J. R., *The social framework* (2nd ed.) (O.U.P.).
 United Nations, *National and international measures for full employment*.
 Commonwealth Bureau of Census and Statistics, *Labour report* (latest issue) (Govt. Printer).
 Rothschild, K. W., *The theory of wages* (Blackwell).
 United Nations, *Measures for international economic stability*.
 Tew, B., *Wealth and income* (2nd ed.) (M.U.P.).
 Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

151. Economics I.

The course will be given in 1958 as evening lectures. 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.

Text-books:

- Downing, R. I., *National income and social accounts* (M.U.P.) (2nd edition).
 Tew, B., *Wealth and income* (M.U.P.) (2nd or 3rd edition).
 Samuelson, P. A., *Economics* (McGraw-Hill) (3rd edition).

Reference books:

- Hicks, J. R., *The social framework* (O.U.P.) (2nd edition).
 Rothschild, K. W., *The theory of wages* (Blackwell).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).
 United Nations, *National and international measures for full employment*.
 I.L.O., *31st International labour conference 1948—Report 6.A—Wages*.
 Stigler, G. J., *The theory of price* (revised 1953) (Macmillan).
 Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).
 Eastham, K., *Introduction to economic analysis* (O.U.P.)
 Benham, F., *Economics* (Pitman) (5th ed.).
 Boulding, K., *Economic analysis* (Hooper) (revised ed.).

Additional references will be prescribed by the lecturers.

152. Economics II.

Students who passed Economics I prior to 1951 and who wish to take Economics II in 1957 or subsequent years 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.

Economics II will be given in 1958 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. Industrial organization; pricing theory; government policy in industry.
3. Agricultural organization.

Text-books:

- Tew, B., *Wealth and income* (2nd or 3rd ed.) (M.U.P.).
 Tew, B., *International monetary co-operation* (2nd edition) (Hutchinson's University Library).
 Sayers, R. S., *Modern banking* (3rd ed.) (O.U.P.).
 Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Arndt, H. W., *The Australian trading banks* (Cheshires).
 Robinson, E. A. G., *Monopoly* (C.U.P.).
 Wiles, P. J. D., *Price, cost and output* (Blackwell).
 Beacham, A., *Economics of industrial organization* (Pitman).
 Cohen, R., *Economics of agriculture* (C.U.P., new ed.).

Reference books:

- 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).
 Paish, F. W., *Business finance* (Pitman).
 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.).
 Andrews, P. W. S., *Manufacturing business* (Macmillan).
 Yamey, B. S., *The economics of resale price maintenance* (Pitman).
 Steindl, J., *Small and big business* (Blackwell).
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).
 Commonwealth of Australia: Department of National Development, *The structure and capacity of Australian manufacturing industries*.
 Burns, A. R., *The decline of competition* (McGraw-Hill).
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard Univ. Pr.).
 Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
 Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
 Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Additional references will be prescribed by the lecturers.

153. Economics III.

The course will be given in 1958 as evening lectures. It comprises three lectures and one tutorial a week. Its scope is as follows:

1. Theory of economic activity and the trade cycle.
2. Wages, the general price level, interest rates.
3. International economics.
4. Government accounting, public finance and fiscal policy.

Exemption from lectures in Economics III is not usually granted.

Text-books:

- Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
 Hansen, A., *Monetary theory and fiscal policy* (McGraw-Hill).
 Ellsworth, P. T., *The international economy* (Macmillan).
 Tew, B., *International monetary co-operation* (2nd edition) (Hutchinson).
 Hicks, U. K., *Public finance* (C.U.P.) (2nd edition).
 Kaldor, N., *An expenditure tax* (Allen and Unwin).
 United Nations, *National and international measures for full employment*.
 United Nations, *Measures for international economic stability*.
 Commonwealth of Australia, *Reports of the Commonwealth Grants Commission*.
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments* (latest issue).
 Commonwealth of Australia, *Annual economic survey* (latest issue).

Reference books:

- Hansen, A., *A guide to Keynes* (McGraw-Hill).
 Hansen, A., *Business cycles and national income* (Norton).
 Phelps Brown, E., *A course in applied economics* (Pitman).
 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 & Unwin).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 Brown, A. J., *The great inflation, 1939-1951* (O.U.P.).
 American Economic Association, *Readings in the theory of international trade* (Allen & Unwin).
 League of Nations, *International currency experience*.
 United Nations Organization, *Economic Commission for Europe. Survey of Europe since the war* (1953).
 Kindleberger, P., *International economics* (Irwin).
 Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).
 United Nations, *Measures for the economic development of under-developed countries*.
 United Nations, *Budgetary structure and classification of Government Accounts*.
 Simons, H. C., *Personal income taxation* (Chicago U.P.).
 Additional references will be prescribed by the lecturers.

154. Economic Development.

This course will be concerned with the secular development of economies and with a comparative study of economic systems. It will be available in 1959 and will comprise two lectures a week. Lectures will be in the daytime in even years and in the evening in odd years. Exemption from lectures in Economic Development will not usually be granted. Students must complete Economic History (History IIB) before Economic Development, and either complete Economics III before Economic Development or take the two courses concurrently.

156. 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 only to such students. 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:

- Samuelson, P. A., *Economics* (McGraw-Hill) (3rd edition).
Cohen, R., *The economics of agriculture* (C.U.P.—revised edition).

Reference books:

- Black, J. D., *Introduction to economics for agriculture* (Macmillan).
Shepherd, G. S., *Agricultural price and income policy* (Iowa State College).
Shepherd, G. S., *Agricultural price analysis* (Iowa State College).
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. & Johnson, G. L., *Farm management analysis* (John Wiley).

- Beneke, R. R., *Managing the farm business* (Wiley).
Heady, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
Heady, E. O., and Jensen, H., *Farm management economics* (Prentice-Hall).
Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Additional references will be prescribed by the lecturer.

158. Economics for the Honours Degrees of Bachelor of Arts and Bachelor of Economics.

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 if they have the approval of the Professor. The Honours work falls into two divisions. Interim honours classes are conducted for third-year students 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 HONOURS:

More advanced treatment of the topics covered by pass courses.

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 sixth week of the first term. Four copies of a thesis typed double spaced on quarto paper must be finally presented not later than the last day of the first 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 their theses.

(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.

The following books provide a basis for Honours work:

- Hutchison, T. W., *A review of economic doctrines, 1870-1929* (O.U.P.).
 Marshall, A., *Principles of economics* (8th ed.) (Macmillan).
 Hicks, J. R., *Value and capital* (O.U.P.).
 Hicks, J. R., *A revision of demand theory* (O.U.P.).
 Pigou, A. C., *Economics of welfare* (4th ed.) (Macmillan).
 Scitovsky, T., *Welfare and competition* (Allen and Unwin).
 Little, I. M. D., *A critique of welfare economics* (2nd ed.) (O.U.P.).
 Robbins, L., *The nature and significance of economic science* (Macmillan).
 Andrews, P. W. S., *Manufacturing business* (Macmillan).
 Chamberlin, E., *The theory of monopolistic competition* (Harvard U.P.).
 Triffin, R., *Monopolistic competition and general equilibrium theory* (Harvard U.P.).
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).
 Keynes, J. M., *The general theory of employment, interest and money* (Macmillan).
 Sayers, R. S., *Modern banking* (3rd ed.) (O.U.P.).
 Tew, B., *International monetary co-operation* (Hutchinson's Univ. Library) (2nd ed.).
 Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Meade, J. E., *Theory of international economic policy*, Vols. I and II (O.U.P.).
 Kindleberger, P., *International economics* (Irwin).
 Hansen, A., *Business cycles and national income* (Norton).
 Kaldor, N., *An expenditure tax* (Allen & Unwin).
 Kalecki, M., *Theory of economic dynamics* (Allen and Unwin).
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).
 Robinson, J., *The rate of interest and other essays* (Macmillan).
 Harrod, R., *Towards a dynamic economics* (Macmillan).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 American Economic Association, *A survey of contemporary economics* (2v.) (Blakiston).
 Robinson, J., *The accumulation of capital* (Macmillan).
 Lewis, W. A., *The theory of economic growth* (Allen & Unwin).
 Powelson, J. P., *Economic accounting* (McGraw-Hill).

Additional references to books and journals will be given by the lecturers.

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.

161. Economic Statistics I.

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics otherwise determines.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1958 as day lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling and significance, including the use of the normal, t and χ^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:

Croxtan, F. E., and Cowden, D. J., *Applied general statistics* (Prentice-Hall) (2nd ed.).

Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).

Hoel, P. G., *Introduction to mathematical statistics* (Wiley) (2nd ed.).

Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).

Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).

Jones, C., *Social surveys* (Hutchinson).

Pearson, E., *The application of statistical methods in industrial standardization and quality control* (O.S. No. 600, 1935).

Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).

Mudgett, B. D., *Index numbers* (Wiley).

v. Hofsten, E., *Price indexes and quality changes* (Allen & 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.).

Tinbergen, J., and Pollak, J. J., *The dynamics of business cycles* (Routledge and Kegan Paul).

Mauldon, F. R. E., *The use and abuse of statistics* (Univ. of W.A.).

Papers presented at the conference of British Commonwealth Statisticians, Canberra, November, 1951 (Govt. Printer, Canberra).

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):

Commonwealth of Australia, *National income and expenditure*.

Commonwealth Bureau of Census and Statistics, *Official year book*; *Statistician's report on Census 30th June, 1947*; *Labour report*; *Monthly review of business statistics*.

162. Economic Statistics II.

Candidates must have passed in Pure Mathematics I at the higher standard and in Economic Statistics I before taking this course.

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.

The course is offered every alternate year. It will be offered in 1959, and will be given if sufficient students enrol. It comprises two lectures and one tutorial a week.

Syllabus:

The course is divided into two parts. The first consists of an introduction to certain theoretical concepts in statistics which will be required for the second part of the course. The concepts treated are: the role of statistics in research; populations, samples; parameters, statistics; types of probability distributions; probability; estimation procedures—maximum likelihood, least squares; properties of estimates; confidence intervals; tests of hypotheses.

The second part of the course is an introduction to econometrics. Topics treated are: exact versus stochastic economic relations; multiple regression; economic structures and structural change; identification of structural parameters; classification of economic variables; some examples of systems of economic relationships; estimation of structural parameters in multiple equation systems; introduction to linear programming.

No set text-books are used. Reading will be from journal articles and from the following reference books:

- Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).
- Tinbergen, J., *Econometrics* (Allen and Unwin).
- Tintner, G., *Econometrics* (John Wiley and Sons).
- Stone, R., *The role of measurement in economics* (C.U.P.).
- Klein, L. R., *A text-book of econometrics* (Row, Peterson).
- Allen, R. G. D., *Mathematical economics* (Macmillan).

169. Public Finance.

Pre-requisite subject: Economics I or Social Economics.

This course is offered every alternate year for students proceeding to the Diploma in Public Administration. It comprises one evening lecture a week. It will be offered in 1959, and will be given if sufficient students enrol.

The course is concerned with the nature, necessity and extent of Government intervention in the economy, and with the financing of such governmental activities.

The lectures deal with the nature of public revenues and expenditures; public and private enterprise; government budgetary control and Parliamentary responsibility; revenue and loan finance; the public debt; fiscal policy in relation to employment and prices; federal finance generally but with particular relation to federal financial history and problems in Australia; local government finance; the presentation and interpretation of government accounts; statistics of public finance; and current problems of public finance.

Text-books:

- Hicks, U. K., *Public finance* (C.U.P.) (2nd ed.).
- Campbell, W. J., *Australian State public finance* (Law Book Co. of Australia.)

Reference books:

- Reports of the Commonwealth Grants Commission.*
- Reports of the Commonwealth and State Auditors-General* (for the current year).

Additional references will be prescribed by the lecturer.

COMMERCIAL STUDIES.

171. 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 scope of the course is as follows:

(a) *Basic accounting method:*

The nature of business transactions and the purpose of accounting; the theory of double entry; the accounting equation; the basic structure of accounts; classification in accounting; book-keeping—the recording process; the journal and ledger in a simple system; the trial balance; subdivisions of the journal; control accounts and subsidiary ledgers; preparation of accounting reports; the trading account, the profit and loss account and the balance sheet; the matching of costs and revenues; balance day adjustments and closing entries.

(b) *Accounting theory:*

Accounting principles; basic conventions and doctrines and the limitations arising from their use; accounting concepts of cost, revenue and profit; the distinction between revenue and capital; accounting problems associated with the measurement of profit; depreciation and the valuation of fixed assets; stock valuation; fluctuating price levels and the maintenance of capital intact; differences between accounting and economic concepts.

(c) *Applied accounting method:*

Partnership accounts; company accounts; the accounting requirements of the Companies Act; the capital accounts in a joint stock company; shares; debentures; the appropriation account; provisions and reserves, reserve funds and sinking funds; secret reserves; goodwill; simple manufacturing accounts; the accounts of non-trading enterprises; the design of accounting systems and the chart of accounts; the presentation of accounting reports; the profit and loss statement, the funds statement and the balance sheet; modern examples of published company accounts; analysis and interpretation of accounting reports; the nature, scope and purpose of auditing; the evolution of accounting method and the place of accounts in modern society; introduction to management accounting, the accounts of public authorities and social accounts.

Books prescribed:

(a) Preliminary reading:

Goldberg, L., *An outline of accounting* (Law Book Co.).

(b) Text-books:

Goldberg, L. and Hill, V. R., *Elements of accounting* (Accountants' Publishing Company).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Fitzgerald, A. A. (Ed.), *Accounting Stage I* (Butterworth).

Baxter, W. T. (ed.), *Studies in accounting* (Law Book Co.).

(c) Recommended for reference:

Rowland and Magee, *Accounting, Part I* (Gee).

Fitzgerald and Schumer, *Classification in accounting* (Butterworth).

Institute of Chartered Accountants, *Recommendations on accounting principles*.

Institute of Chartered Accountants in England and Wales, *et al, Some accounting terms and concepts* (C.U.P.).

Gilman, S., *Accounting concepts of profit* (Ronald).

Fitzgerald, A. A. and G. E., *Form and contents of published financial statements* (Butterworth).

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).

172. 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 examination in Elements of accounting.

(a) *Introduction to cost accounting:*

The evolution of management accounting; modern refinements in financial accounting methods; the scope and purpose of cost accounting; cost accounting as an aid to management; cost concepts and classifications; types of cost accounting systems; the relationship between cost and financial records; elements of production cost; compilation of cost data—materials, labour, manufacturing expense; introduction to standard costs; introduction to business budgets and budgetary control; overhead costs; multiple product costs; marginal or direct costing; marginal analysis as a guide to price and production policy decisions.

(b) *Accounting theory:*

The relationship between costs and output; the relationship between costs and prices; the relationship between accounting and economic theory; accounting and economic concepts; the accounting theory of profit measurement contrasted with the economic theory of income determination; conventional accounting assumptions contrasted with the economic theory of the firm.

(c) *General management accounting:*

Planning and integration of accounting systems; classification for management; machine and electronic accounting; accounting reports for management; analysis and interpretation for management; business finance; financial mathematics for business.

(d) *Accounting for special purposes:*

Accounting for public authorities; the accounts and reports of public corporations; the financial statements of governments; accounting aspects of budgetary reform; accounting for society as a whole; the social accounting framework; accounting aspects of social accounting.

Prescribed books:

(a) *Text-books:*

Yorston, Brown and Sainsbury, *Costing procedures* (Law Book Co.).
 Vatter, W. J., *Managerial accounting* (Prentice-Hall).
 Solomons, D. (Ed.), *Studies in costing* (Sweet and Maxwell).
 Paish, *Business finance* (Pitman).
 Mathews and Grant, *Inflation and company finance* (Law Book Co.).
 Hummel and Seebeck, *Mathematics of finance* (McGraw-Hill).

(b) *Recommended for reference:*

Dohr and Inghram, *Cost accounting* (Ronald).
 Dean, J., *Managerial economics* (Prentice-Hall).
 Fitzgerald, A. A. and Schumer, L. A., *Classification in accounting* (Butterworth).
 Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).
 N.A.C.A. *Bulletins*.

173. **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. Each student is required to undertake special studies in auditing practice. 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 examination in Elements of Accounting.

The scope of the course is as follows:

(a) *Financial accounting:*

Departmental accounts; branch accounts and the treatment of foreign currencies in accounts; accounts current; unsystematised records; advanced company accounts, including the purchase of the business of a sole trader or partnership; alteration of share capital; reconstructions, amalgamations, absorptions and liquidations; accounts of holding companies and their subsidiaries.

Classification, presentation and analysis of accounting reports for shareholders and auditors; valuation of goodwill; valuation of shares in companies.

The double account system; accounts of banks and insurance companies; fire losses and loss of profits insurance; accounts of pastoralists and mining companies; accounts of builders and contractors; hire-purchase accounts; instalment payment purchases; law and accounts relating to trustees and executors; accounts and statements relating to bankruptcy.

(b) *Auditing and professional practice:*

Auditing—classes of audits; internal check systems and their relation to external audits; duties, powers and responsibilities of auditors; the private or impersonal ledger; partnership audits; the audit of a limited company; the law relating to the accounts of companies; divisible profits and dividends; verification of assets; principles of asset valuation; secret reserves; special considerations in different classes of audits; auditors' certificates and reports.

Investigations and reports.

Ethics and etiquette of the accountancy profession.

Text-books:

Yorston, Smyth and Brown, *Advanced accounting*, Vols. 1, 2 and 3 (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting Stage I* (Butterworth).

Irish, R. A., *Auditing* (Law Book Co.).

174. Cost Accounting.

A course in advanced cost accounting and budgeting. The course consists of two evening lectures (of one hour) and one supplementary lecture and tutorial (of two hours) each week throughout the academic year. Management Accounting must be passed before this subject is taken. For purposes of the B.Ec. degree Cost Accounting is alternative to Commercial Law B.

The scope of the course is as follows:

(a) *Advanced cost accounting:*

Nature, scope and purpose of cost accounting; cost concepts and classifications; the relationship between cost and financial records; organisation of the cost accounting department in relation to other departments; types of cost accounting systems; design and presentation of cost and financial statements; compilation of cost data; methods of purchasing, storing, receiving, issuing, handling, pricing and control of materials; methods of taking inventories; methods of time-keeping and the allocation of labour charges; methods of remuneration; time and motion study and the calculation of efficiencies; personnel management and welfare; labour records; methods of classifying, recording and allocation to departments of factory service cost; absorption of factory service cost by products; utilisation of service capacity and idle capacity costs; distribution and administration costs; work in process records; production planning and control; unit costs in different types of cost accounting systems; mechanised accounting and electronic accounting; by-products and joint products; manufacturing risks and losses; problems associated with installation of cost systems; standard costs; types of standard cost systems; establishment of standards; analysis of variations between actual and standard costs; cost reports for control purposes.

(b) *Budgets and budgetary control:*

Types of budgets and their preparation; relation of budgeting to accounting; presentation of budgets and their use by management for control.

Books prescribed:

(a) Text-books:

Dohr, J. L., and Inghram, H. A., *Cost accounting, principles and practice* (Ronald).

Jones, E. H., *Industrial and commercial organisation in Australia* (Law Book Co.).

Scott, W. D., *Business budgeting and budgetary control* (Law Book Co.).

(b) Recommended for reference:

Solomon, D. (ed.), *Studies in costing* (Sweet and Maxwell).

Cost Bulletins, Australasian Institute of Cost Accountants.

N.A.C.A. Bulletins.

181. 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.

The course consists of—

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.

The elements of the law of contracts and the law relating to the sale of goods. Agency. Partnership. Company law and practice.

Prescribed books:

(a) Text-books:

Charlesworth, J., *Principles of mercantile law* (Stevens).

Sutton and Shannon, *On contracts* (Butterworth).

Charlesworth, J., *Principles of company law* (Stevens).

(b) For reference:

Such statutes and other references as are mentioned in the lecture notes issued at the beginning of the year.

182. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year. For purposes of the B.Ec. degree this course is alternative to Cost Accounting.

The course consists of—

Mortgages, bills of sale, hire purchase, negotiable instruments; the law relating to income tax; bankruptcy law and practice.

Prescribed books:

(a) Text-books:

Charlesworth, J., *Principles of mercantile law* (Stevens).

Young, N. S., *Bankruptcy practice in Australia* (Butterworth).

Gunn and O'Neill, *Guide to Commonwealth income tax law* (Butterworth).

(b) For reference:

Dean, A., *Law relating to hire 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).

FACULTY OF SCIENCE.

MATHEMATICS.

There are eight courses in Mathematics for the ordinary degree of B.Sc. The courses may be summarized as follows:

Pure Mathematics I	Pure Mathematics II	Pure Mathematics III
	Statistical Methods	Mathematical Statistics
Applied Mathematics I	Applied Mathematics II	Applied Mathematics III

Pure Mathematics and Applied Mathematics are separate sequences and Statistical Methods and Mathematical Statistics are full second and third year subjects respectively.

A candidate may take any or all of these subjects, provided that if Applied Mathematics I is counted as a subject in his course Applied Mathematics II also is taken.

Candidates who propose to proceed to the degree of B.A. or B.Sc. with Honours in Mathematics are normally required to take Course 216 which is also suitable for candidates who propose to proceed to Honours courses in Physics or Engineering; it is also available to selected students studying for the ordinary degree of B.Sc.

Candidates who wish to take all the second-year courses must consult the Assistant to the Dean of the Faculty of Science (Mr. G. R. Fuller).

201. Pure Mathematics I.

The course comprises three lectures and one tutorial class a week and is given annually.

Pre-requisite subjects: Leaving Mathematics, Parts I and II, and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination.

A pass in Division I, or higher, in this subject is pre-requisite for the courses in Pure Mathematics II, Pure Mathematics IIA, and Pure Mathematics IIB.

Candidates who have passed with credit or at a sufficiently high standard in both papers in Mathematics at the Leaving Honours Examination will be exempted from the course and will be credited with Pure Mathematics I as a subject in their courses for a degree when they have passed the final examination in Course 216 or in Pure Mathematics II, Pure Mathematics IIA, or Pure Mathematics IIB. Other candidates who have passed in Mathematics at the Leaving Honours Examination may be exempted from lectures in the course in Pure Mathematics I. Application for such exemption must be made on the proper form at the time of enrolment for the year's work.

Subjects of examination: The elements of algebra and plane analytical geometry, the mensuration of the simpler solids, the most elementary portions of the differential and integral calculus.

Text-books recommended:

Barnard, S., and Child, J. M., *A new algebra*, Vol. II (Macmillan).

Durell, C. V., and Robson, A., *Elementary calculus*, Vol. I (Bell).

Students will also require a book of five-figure mathematical tables.

203. Pure Mathematics II.

Pre-requisite subject: A pass in Division I, or higher, in Pure Mathematics I.

The course comprises three lectures and one tutorial class a week, and is given annually.

Subjects of examination:

- (a) Elementary theory of real functions;
- (b) Convergence of real and complex numbers;
- (c) Matrices and determinants;
- (d) Plane and solid coordinate geometry.

Text-books recommended:

Courant, R., *Differential and integral calculus*, vol. 1 (Blackie).

Aitken, A. C., *Determinants and matrices* (Oliver & Boyd).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

204. Pure Mathematics IIA.

Pre-requisite subject: A pass in Division I, or higher, in Pure Mathematics I.

The course consists of two lectures and one tutorial class a week, and is given annually. It is compulsory for students proceeding to a degree in Civil, Mechanical or Electrical Engineering.

The syllabus comprises the elements of the differential and integral calculus and of plane co-ordinate geometry, and the elementary theory of complex numbers and determinants. The course is arranged to meet the needs, as far as possible, of the engineering students taking it.

Text-book:

Caunt, G. W., *Elementary calculus* (O.U.P.).

205. Pure Mathematics IIB.

Pre-requisite subject: As for Pure Mathematics IIA.

The course consists of three lectures and one tutorial class a week, and is given annually. It is compulsory for students proceeding to a degree in Mining, Metallurgical and Chemical, and Architectural Engineering.

The syllabus includes that prescribed for Pure Mathematics IIA and contains some additional matter, principally Differential Equations, Fourier Series and Numerical Methods.

Text-book:

Caunt: G. W., *Elementary calculus* (O.U.P.).

206. Pure Mathematics III.

Pre-requisite subject: Course 216 or a pass in Division I, or higher, in Pure Mathematics II (203).

The course consists of about four lectures and one tutorial class a week.

Subject to slight variations, the course deals with the following topics: Convergence, infinite series, theory of functions of a complex variable, complex integration, functions of several real variables, ordinary and partial differential equations, Fourier series; matrices, higher algebra; Euclidean, projective and differential geometry.

Text-books recommended:

Courant, R., *Differential and integral calculus* (2 vols.) (Blackie); or Knopp, K., *Theory of functions*, Part I (Tr. by Bagemihl) (Dover Publications, N.Y.); and

Franklin, P., *A treatise on advanced calculus* (Wiley).

The following books will be found useful for reference:

Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).

La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale* (2 vols.) (Gauthier).

Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan).

Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).

Littlewood, D. E., *A university algebra* (Heinemann).

Hobson, E. W., *The theory of functions of a real variable* (C.U.P.).

207. Applied Mathematics I.

Pre-requisite subjects: Leaving Mathematics I and II and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination; a candidate who has not passed in Leaving Physics must take Physics I concurrently with Applied Mathematics I.

The course comprises three lectures and one tutorial class a week and is given annually.

Subjects of examination: Elementary statics and dynamics of a particle and of rigid bodies, elementary hydrostatics, an introduction to vector analysis.

Text-book:

Timoshenko and Young, *Engineering mechanics*, 4th ed. (McGraw-Hill).

209. Applied Mathematics II.

Pre-requisite subject: A pass in Division I, or higher, in Pure Mathematics I.

Students must either have attended or attend concurrently the course in Pure Mathematics II (203) or the first-year Honours course in Pure Mathematics (216).

The course will comprise three lectures and one tutorial class a week and will be 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 methods.

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

210. Applied Mathematics IIA.

Pre-requisite subjects: A pass in Division I, or higher, in Pure Mathematics I (201) and a pass in Applied Mathematics I (207).

Students must either have attended or attend concurrently a course in Pure Mathematics IIA (204).

This course is compulsory for most Engineering students. The syllabus at present will consist of about two-thirds of that for the course in Applied Mathematics II (209).

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

211. Applied Mathematics III.

Pre-requisite subject: A pass in Division I, or higher, in the subject Pure Mathematics II (203).

The course will comprise about four lectures and one tutorial class a week.

The course consists of a selection from the following subjects: Matrices, partial differential equations, calculus of variations, integral equations, tensor and spinor calculus, higher mechanics, statistical mechanics, numerical analysis, hydrodynamics, elasticity, thermodynamics.

213. Statistical Methods.

Pre-requisite subject: Pure Mathematics I (201).

The course, which comprises two lectures and one tutorial class a week, is designed to give an introductory account of the application of statistical methods in the reduction and interpretation of observations derived from experiment, and an elementary treatment of recent developments such as experimental design and statistical quality control.

Text-books recommended:

Davies, O. L. (ed.), *Statistical methods in research and production* (Oliver and Boyd).

Fisher, R. A., *Design of experiments*, 6th ed. (Oliver and Boyd).

Reference-books:

Fisher, R. A., *Statistical methods for research workers*, 12th ed. (Oliver and Boyd).

Tippett, L. H. C., *Methods of statistics*, 2nd ed., rev. and enlarged (Williams and Norgate).

Mather, K., *Statistical analysis in biology* (Methuen).

Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 2nd ed., rev. and enlarged (Oliver and Boyd).

Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).

214. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III (205); candidates who have not completed this course must take it concurrently with statistical theory.

The course comprises three lectures and one tutorial class a week, and provides an introduction to the theory of mathematical statistics.

Tables and selected books of reference will be made available.

216. First-year Honours Course in Pure Mathematics.

This course comprises three lectures and one tutorial class a week and is given annually. Admission to this course is subject to approval by the Professor in every case.

Pre-requisite subjects: A satisfactory pass in Leaving Honours Mathematics parts I and II, or a pass in division I, or higher, in Pure Mathematics I.

Students who complete the course satisfactorily may, upon written application, be granted status for Pure Mathematics II and will then be eligible to take the course in Pure Mathematics III.

The subjects of examination will be: elementary analysis, differential and integral calculus, the algebra of determinants and matrices, elementary coordinate geometry of two and three dimensions, complex numbers, infinite series.

Text-books recommended:

Courant, R., *Differential and integral calculus*, Vol. I (Blackie).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

The following books will be found useful for reference:

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Ferrar, W. L., *Convergence* (O.U.P.).

Hardy, G. H., *Pure mathematics* (C.U.P.).

218. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

(Each section is intended to represent a year's work in the subject.)

Candidates for the degree of B.A. or B.Sc. with honours in Mathematics are required:

1. To attend the lectures and pass the examinations in the courses:
 - (a) Pure Mathematics I (or obtain exemption therefrom);
 - (b) First-year Honours course in Pure Mathematics;
 - (c) Applied Mathematics I.
2. To attend the lectures and pass the examinations in the courses:
 - (a) Pure Mathematics III;
 - (b) Applied Mathematics II,
 - (c) Statistical Methods;

and take such other courses as may be prescribed by the Professor of Mathematics.

3. (a) To attend the lectures and pass the examination in the course Applied Mathematics III.
- (b) To take such other courses as may be prescribed by the Professor of Mathematics.
4. To attend such honours courses as may be prescribed by the Professor of Mathematics.

The examination is in two parts, which may be taken in the same year, or, preferably, in different years.

A candidate may also be required to write one or more essays before completing his examination.

Candidates may, with the consent of the Professor, vary the course outlined above: for example (a) a candidate who obtains a pass at a sufficiently high standard in Pure Mathematics II (203) may be exempted from the First-Year Honours course in Pure Mathematics; (b) candidates who wish to specialize in Statistics will be allowed to take certain courses in Mathematical Statistics as part of their Honours work.

Candidates for the degree of B.Sc. with Honours in Mathematics may be required to satisfy the Professor that they have a reading knowledge of French and German.

219. 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 pedagogy (at any stage) of the subject;
- (d) 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.

220. Elementary Statistics.

The course consists of about twenty lectures. It is designed to meet the needs of students proceeding to the Honours degree in Engineering (especially Electrical Engineering), and is open to other students who have the necessary mathematical background, e.g., a pass in Pure Mathematics II or Pure Mathematics IIA.

The syllabus includes the tabulation and analysis of data, elementary theory of probability, some theoretical distributions, elementary sampling theory and significance tests.

Text-book:

Weatherburn, C. E., *First course in mathematical statistics*, 2nd ed. (C.U.P.).

PHYSICS

Students are directed to refer to the *Laboratory Rules*, which appear immediately after the *Regulations*.

[Those students who are proceeding to Physics III are expected to read *Introduction to concepts and theories in physical science* by G. Holton (Addison Wesley) during the course. Questions may be set in the final Physics III examination on the subject matter of this book.]

221. Physics I.

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.

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 textbooks, which should be read concurrently with the lecture course:

Lemon, H. B., and Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.) (new edition, if available); or
 Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill); or
 Sears, F. W., and Zemansky, M. W., *University physics* (Addison-Wesley) (2nd edition).

222. Physics II, B.Sc. Course.

Pre-requisite subjects: Pure Mathematics I (201) and Course 221.

The course comprises three lectures and six hours practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, heat, physical optics, electricity and magnetism, and elementary atomic physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with the subject matter of Lemon, H. B., and Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.), or Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill), or Starling, S. G., and Woodall, A. J., *Physics* (Longmans), or Sears & Zemansky, *University physics* (Addison-Wesley) (2nd edition), with special stress on such sections as are more advanced than is demanded for the course in Physics I. Starling and Woodall, *Physics*, will be found useful to those taking Physics III.

Students will also need to read portions of Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill), Bruno Rossi, *Optics* (Addison-Wesley), or other books recommended for the course in Physics III.

The pass list will be published in two divisions, and students placed in the lower division will not be permitted to proceed to Physics III.

223. Physics II, B.E. Course.

Pre-requisite subjects: Pure Mathematics I (201) and Course 221.

Candidates for the ordinary degree of B.E. in Civil, Electrical, and Mechanical Engineering are required to attend two lectures and one three-hour laboratory class a week of Course 222, embracing work on heat, electricity, magnetism, and mechanics. (See also footnote to the schedules for the courses in Civil, Electrical and Mechanical Engineering.)

Students should read such portions of the books recommended for the B.Sc. course as deal with the subjects indicated above.

224. Physics III.

Pre-requisite subjects: Applied Mathematics II (209) or Pure Mathematics II (203) or the first-year Honours course in Pure Mathematics (216) and a pass in Division I, or higher, in Course 222.

The course comprises three lectures and a minimum of nine hours practical work a week. It is given annually. Two lectures a week will be taken by all students. For the third lecture period the class will be divided: (A) Students who have passed Applied Mathematics II normally will attend a course of lectures designed for those proceeding to Honours Physics; (B) Students who have not passed Applied Mathematics II will attend a somewhat wider and more descriptive course of lectures. Students who have passed Applied Mathematics II may elect to take the latter course, but will then be eligible to take the Honours course only by permission of the Professor of Physics.

Subjects of examination: Physics as dealt with in the lecture and laboratory courses. Lecture and examination times will be the same for the two courses.

Text-books recommended for reading and reference:

Roberts, J. K., *Heat and thermodynamics* (Blackie).

Harnwell, G. P., *Principles of electricity and electromagnetism* (McGraw-Hill).

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

Hague, B., *Introduction to vector analysis for engineers and physicists* (Methuen).

Richtmeyer, F. K., and Kennard, E. H., *Introduction to modern physics* (5th edition) (McGraw-Hill).

Electrical Engineering Staff of M.I.T., *Applied electronics* (John Wiley).

Starling, S. G., and Woodall, A. J., *Physics* (Longmans).

Houston, R. A., *Introduction to mathematical physics* (Blackie).

Ditchburn, R. W., *Light* (Blackie).

Sproull, R. L., *Modern physics* (Chapman and Hall).

225. Physics III, B.E. Course.

Pre-requisite subjects: Applied Mathematics II or IIA (209 or 210) or Pure Mathematics II or IIA (203 or 204), or the First Year Honours course in Pure Mathematics (216) and course 222 or 223.

This course may be presented only by students in Electrical Engineering and provided that the prior approval of the Faculty of Engineering has been obtained in each case.

The syllabus is that prescribed for Physics III (224) except that only six hours' practical work will be called for.

226. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Applied Mathematics III (211) and Course 224.

Only candidates who have attained a satisfactory standard in Physics III will be accepted for the Honours course. The course comprises supervised practical work and courses of lectures on special subjects.

On application to the Professor of Physics, a student who has not passed Applied Mathematics III (and whose pass in Course 224 included Part B), may be accepted for the Honours course, but in this instance, it may be necessary for him to take the course over two years.

Students will be expected to be thoroughly familiar with the text-books recommended for the pass degree, and to read such books as may be referred to from time to time.

MATHEMATICAL PHYSICS**229. Mathematical Physics for the Honours Degree of B.Sc.**

Candidates for the degree of B.Sc. with Honours in Mathematical Physics are recommended:

- (a) to cover the same syllabus, in the first two years of the course, as that prescribed for Physics students (see syllabuses Nos. 221 and 222);

- (b) to take in the third year Applied Mathematics III (211), such parts of Pure Mathematics III (205) as are prescribed by the Professor of Mathematical Physics, and Physics III (224) (except that only one term's practical work will be required); and
- (c) to take in the fourth year such lectures taken by Physics and Mathematics Honours students as are prescribed by the Professor of Mathematical Physics, and such lectures as may be given from time to time by the staff of the Department of Mathematical Physics.

Candidates should note that such parts of Physics III and Pure Mathematics III as are prescribed for this course will form a combined third year subject. Candidates will thus qualify for the ordinary degree of B.Sc. before continuing with the Honours degree.

Candidates who have not followed the course recommended above, but have proceeded otherwise to an Ordinary degree, may be permitted to proceed to the Honours degree in Mathematical Physics, if they have obtained the approval of the Professor of Mathematical Physics and the Faculty of Science.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics may be required to satisfy the professor that they have a reading knowledge of French and German.

CHEMISTRY

Students who intend to major in both Physical and Inorganic Chemistry and Organic Chemistry are advised to take the following combinations of subjects: *First year*, Chemistry I, Physics I, Pure Mathematics I and *either* Biology or Geology I; *Second year*, Physical and Inorganic Chemistry II, Organic Chemistry II, and *either* Pure Mathematics II or Biochemistry I, or Physics II; *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 lectures cover the subject-matter for examination and 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 deals with semi-micro qualitative and quantitative analysis and organic chemistry.

Essential books:

Pauling, L., *General chemistry* (second edition, Freeman); or
 Durrant, P. J., *General and inorganic chemistry* (second edition, Longmans);
 and
 Brown, G. I., *A simple guide to modern valency theory* (Longmans); and
 Vogel, A. I., *Textbook of qualitative chemical analysis* (Longmans); and
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd ed. (McGraw-Hill).

232. Chemistry IA.

A course of general chemistry available to students in the Faculty of Engineering and the Faculty of Technology except that those students reading Mining, Metallurgical and Chemical Engineering attend course 231.

The course, which is given annually, consists of two lectures and three hours practical work throughout the three terms of the year.

Books recommended:

Pauling, L., *General chemistry* (second edition, Freeman); or
 Garside, J. E., and Phillips, R. F., *Pure and applied chemistry* (Pitman);
 or
 Durrant, P. J., *General and inorganic chemistry* (second edition, Longmans).

233. Physical and Inorganic Chemistry II.

Pre-requisite subjects: Physics I (221) and Chemistry I (231). Prospective students of Physical and Inorganic Chemistry III (237) are also recommended to have taken Pure Mathematics I (201).

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.

Essential books:

Moore, W. J., *Physical chemistry* (2nd ed.) (Prentice-Hall); and Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall); or Glasstone, S., *Thermodynamics for chemists* (Macmillan); and Moeller, T., *Inorganic chemistry* (Wiley); and Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.); and Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).

234. Physical and Inorganic Chemistry IIA.

Students in Mining, Metallurgical and Chemical Engineering and students in the Faculty of Technology take part of course 233 and other special lectures which may be arranged. The course comprises two hours lectures and not less than six hours practical work a week throughout the academic year.

235. Physical and Inorganic Chemistry IIB.

Pre-requisite subject: Physics I (221) and Chemistry I (231). The course, which is designed for students who are majoring in a biological subject, will consist of part of the course in Physical and Inorganic Chemistry II together with lectures specifically designed to meet the needs of such students.

236. Organic Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course, which is given annually, consists of three lectures and at least seven 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.

Books recommended:

*Finar, I. L., *Organic chemistry*, Vol. I (Longmans), 2nd ed.; or Fieser, L. F., and Fieser, M., *Text-book of organic chemistry* (Heath); and Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

* This book is recommended for students intending to proceed to Organic Chemistry III (239).

236A. Organic Chemistry IIA.

Part of course 236, amounting to two lectures and not less than six hours practical work a week, given to students in the Faculty of Technology.

237. Physical and Inorganic Chemistry III.

Pre-requisite subjects: Physical and Inorganic Chemistry II (233) and Pure Mathematics I (201). Students may be exempted from Pure Mathematics I provided that the Professor of Physical and Inorganic Chemistry is satisfied with the standard of their mathematical knowledge. Students are also recommended to have taken Organic Chemistry II (236), but this is not obligatory.

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 including radiochemistry.

The practical work will include preparative inorganic chemistry, experimental physical chemistry and radiochemistry.

Essential books:

Moore, W. J., *Physical chemistry* (second edition, Prentice-Hall); and Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall); or Glasstone, S., *Thermodynamics for chemists* (Macmillan); and Coulson, C. A., *Valence* (O.U.P.); and Moeller, T., *Inorganic chemistry* (Wiley); and Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.); and Emeléus, H. J., and Anderson, J. A., *Modern aspects of inorganic chemistry* (second edition, Routledge); and Friedlander, G., and Kennedy, J. W., *Nuclear and radiochemistry* (Chapman and Hall, 1955). Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.); and Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans); and Daniels, F., and others, *Experimental physical chemistry*.

239. Organic Chemistry III.

Pre-requisite subject: Organic Chemistry II (235). Students are also recommended to have taken Physical and Inorganic Chemistry II (233), but this is not obligatory.

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; and stereochemistry.

Books recommended:

Finar, I. L., *Organic chemistry*, Vol. II (Longmans); and Badger, G. M., *The aromatic compounds* (C.U.P.); and Vogel, A. I., *Practical organic chemistry* (Longmans); and Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and Buchanan, H. H., and others, *Separation and identification of organic compounds* (U.L.P.).

Reference books:

Alexander, E. R., *Principles of ionic organic reactions* (Wiley).
Hine, J., *Physical organic chemistry* (McGraw-Hill).
Wheland, G. W., *Advanced organic chemistry* (Wiley).
Wheland, G. W., *Theory of resonance* (Wiley).

241. Honours Physical and Inorganic Chemistry.

Pre-requisite subjects: Courses 231, 233, 236, 237, 239, but with the approval of the Faculty of Science, the Professor of Physical and Inorganic Chemistry may allow a student who has qualified in some subject other than Organic Chemistry to proceed to Honours in 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.

Books recommended:

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. Honours Organic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (239), or, Organic Chemistry III (239) and Biochemistry II (282).

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 may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books recommended:

Those for the Ordinary Degree, and in addition, other reference books, a list of which will be published in the Department of Organic Chemistry.

SOIL SCIENCE**245. Soil Science IA.**

The course of lectures and practical work is identical with that for Soil Science I (379). Students taking the Soil Science IA course will be expected to undertake additional reading which will be concerned with the soil-plant interaction.

A box of analytical weights with a certificate of accuracy is required.

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.

PRACTICAL WORK.—Two one-hour demonstrations a week. In addition students should spend at least two hours a week in individual study in the laboratory. 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.

Books recommended:

For preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or
Read, H. H., *Geology* (H.U.L.).

As text-books:

Holmes, A., *Principles of physical geology* (Nelson); or
Longwell, C. R., Knopf, A., Flint, R. F., Schuchert, C., and Dunbar, C. O.,
Outlines of geology (Wiley).

As books of reference:

Rutley, F., *Elements of mineralogy* (rev. by H. H. Read) (Murby).
Tyrrell, G. W., *Principles of petrology* (Methuen.).
Clarke, E. de C., Prider, R. T., and Teichert, C., *Elements of geology*
(Univ. of W.A. bookshop).

251A. Geology I (Short Course).

Available only to students in the Faculty of Technology.

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).

Books recommended:

For preliminary reading:

Raistrick A., *Teach yourself geology* (E.U.P.) or
Read, H. H., *Geology* (H.U.L.).

Text-book:

Holmes, A., *Principles of physical geology* (Nelson).

Reference books:

Rutley, F., *Elements of mineralogy* (rev. by H. H. Read) (Murby).
Tyrrell, G. W., *Principles of petrology* (Methuen).

252. Geology II.

Pre-requisite subject: A pass in Division I, or higher, in Geology I.

LECTURES.—This course consists of three lectures a week throughout the year as follows:—

Crystallography: The thirty-two crystal classes; stereographic projections.**Geochemistry** of the commoner elements with emphasis on their minerals.**Atomic structure** of minerals with special reference to the silicates.**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.**Palaeontology:** Nature of organic remains, palaeontological methods, the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Six hours a week, four of which will be supervised at the stated times.

Crystallography: Symmetry, classification and projection of crystals.**Mineralogy:** Study of minerals in the hand specimen; optical mineralogy.**Petrology:** Identification and classification of rocks in hand specimen and in thin section. Study of the fabric of typical rocks with particular emphasis on the igneous and sedimentary rocks.**Structural Geology:** Interpretation of geological maps. Solving of structural problems by graphical methods. Principles of photogeology.**Palaeontology:** Preparation of micro-fossils, study of representative fossil specimens.

FIELD WORK.—A minimum of six days 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.

APPARATUS.—Students need to provide themselves with the following:

- (a) A petrological microscope of approved pattern. Microscopes can be obtained on loan from the department.
- (b) A set of rock slides for the microscope course. This will be supplied by the Department, and should be returned in good order at the end of the year. A charge of three shillings and sixpence each is made for any slide which the student may break or lose.

Text-books:

Rutley, F., *Elements of mineralogy* (24th ed., rev. by H. H. Read) (Murby).Phillips, F. C., *Introduction to crystallography* (Longmans) (2nd ed.).Tyrrell, G. W., *Principles of petrology* (9th ed.) (Methuen).Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw-Hill) (2nd ed.).Smith, H. G., *Minerals and the microscope* (Murby).Hills, E. S., *Outlines of structural geology*, 3rd ed., 1953 (Methuen).Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).

Reference books:

Mason, B., *Principles of geochemistry* (Wiley).Hatch, F. H., *Petrology of the igneous rocks* (10th ed. rev. by Wells, A. K., and Wells, M. K.) (Allen and Unwin).Wahlstrom, E. E., *Theoretical igneous petrology* (Wiley).David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).Lahee, F. H., *Field geology*, 5th ed. (McGraw-Hill, 1952).Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).Simpson, G. G., *Life of the past* (Yale U.P., 1953).

253. Geology II, B.E. Course.

Students taking the course for the degree of B.E. in Mining and Metallurgy attend lectures and practical work in Course 252 during the first and second terms only.

254. Geology III.

Pre-requisite subject: A pass in Division I, or higher, in Geology II (252).

LECTURES.—This course consists of eighty lectures.

Crystallography and Mineralogy: Mathematical relationships in crystals; goniometry; elementary X-ray crystallography; atomic structure and chemical constitution. The theory of optical mineralogy.

Petrology: A detailed survey of igneous, sedimentary and metamorphic rocks and a discussion of some of the more intricate problems in the origin and differentiation of rocks.

Structural Geology: Advanced studies in structure and tectonics.

Stratigraphy: Principles of stratigraphy. Outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend 12 hours a week in the laboratory and they must provide themselves with a microscope of approved pattern. Microscopes can be obtained on loan from the department.

Crystallography: The measuring and projection of crystals. Calculation of crystal constants. Interpretation of simple X-ray oscillation and powder photographs.

Optical Mineralogy: The determination of minerals both in thin section and in grains.

Petrology: An extension of the course in Geology II with more emphasis on the metamorphic rocks. Quantitative determination of mineral composition of rocks under the microscope. Microchemical tests as applied to thin sections. The examination of detrital sediments.

Photogeology: Exercises in photo interpretation.

FIELD GEOLOGY.—Plane-table, contour mapping; geological surveying. Work in the field will comprise about two weeks.

Text-books:

Phillips, F. C., *Introduction to crystallography* (Longmans) (2nd ed.).

Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw-Hill) (2nd ed.).

Barth, T. F. W., *Theoretical petrology* (Wiley), or

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology* (McGraw-Hill).

Dunbar, C. O., *Historical geology* (Wiley).

Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).

Reference books:

Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope* (Arnold) (2nd ed.).

Wahlstrom, E. E., *Optical crystallography* (Wiley).

Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals* (U.S.G.S.) (2nd ed.).

Winchell, A. N., *Elements of optical mineralogy*, Vols. I (4th ed.) and II (3rd ed.) (Wiley).

Harker, A., *Metamorphism* (Methuen) (2nd ed.).

Dana, E. S., and Ford, W. E., *Text-book of mineralogy* (Wiley) (4th ed.).

Pettijohn, F. J., *Sedimentary rocks* (Harper).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

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).

256. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology II, B.E. course (253).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted each year 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 mechanics of mineral deposition; the localisation of ore shoots; secondary processes and their results; metallogenetic provinces and epochs; the tenor of ores and the significance of deleterious 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 ed.) (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 Met. Congress, Vol. I).

Books of Reference:

Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).

Newhouse, W. H., *Ore deposits as related to structural features* (Princeton Univ. pr.).

257. Palaeontology.

The course comprises two lectures and four hours' practical work a week throughout the year, with additional individual work and field excursions.

It deals with structure and classification of fossils, palaeo-ecology, biostratigraphy, economic palaeontology and regional distribution of fossil faunas and floras.

Text-books:

Moore, R. C., Lalicker, C. G., and Fischer, A. G., *Invertebrate fossils* (McGraw-Hill).

Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).

Reference books:

Shrock, R. R., and Twenhofel, W. H., *Principles of invertebrate palaeontology* (McGraw-Hill, 1953).

Glaessner, M. F., *Principles of micro-palaeontology* (M.U.P., 1945).

Arnold, C. A., *An introduction to palaeobotany* (McGraw-Hill, 1947).

To count Palaeontology as a third-year subject for the degree of B.Sc., the candidate must present also Zoology II or Botany II or Genetics I in addition to the normally required number of subjects from Group B.

258. Geology for the Honours Degree of B.Sc.

Candidates may choose either Mineralogy and Petrology or Stratigraphy and Palaeontology or Economic Geology as a principal subject, but may also select a subsidiary subject from the other branches. 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 and German. They must also apply, before the end of the preceding year, for approval of their proposed courses of study.

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:

- (i) Elementary morphology, anatomy and physiology of angiosperms.
- (ii) Outline of morphology and reproduction of main classes of plants.
- (iii) Introduction to classification of plants with special reference to local angiosperms; and including elements of floral biology and ecology.
- (iv) Elementary genetics, cytology and evolution. (See syllabus for Genetics.)

PRACTICAL WORK for the above course comprises two periods a week throughout the year.

FIELD WORK.—At least one excursion to places of botanical interest.

Text-book:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science* (John Wiley & Sons, New York; Chapman and Hall, London).

Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts I-IV (Government Printer, Adelaide).

For reference:

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).

262. Botany II.

Pre-requisite subjects: Chemistry I (231) and Course 261.

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., *Plant anatomy* (Chapman and Hall, London).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—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.

Text-books in Systematic Botany:

Black, J. M., *Flora of South Australia*, Vols. I-IV (Government Printer, Adelaide),

and one of the following:—

- (1) Rendle, A. B., *Classification of flowering plants*, Vol. II. Dicotyledons (C.U.P.).
- (2) Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).
- (3) Hutchinson, John, *The families of flowering plants*, I. Dicotyledons (Macmillan).

For supplementary reading in ecology:

Leeper, G. W., *Introduction to soil science* (Melb. Univ. pr.).

Oosting, H. J., *Plant communities* (W. H. Freeman, San Francisco).

Wood, J. G., *Vegetation of South Australia* (Govt. Printer, Adelaide).

Reference books in Systematic Botany:

- Lawrence, G. H. M., *Taxonomy of vascular plants*, 1951 (Macmillan).
 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, *British flowering plants*. 1948 (Gawthorn).
 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.).
 Camp, W. H., Rickett, H. W., and Weatherby, C. A., *International rules of botanical nomenclature* (Chronica Botanica).

D. QUANTITATIVE BIOLOGY.—First term only of Part B of Course 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.

263. 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 262, 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.

265. Botany III.

Pre-requisite subjects: Chemistry I (231) and Course 262.

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, N.Y.).

Book of reference:

Gortner, R. A., *Outlines of biochemistry* (3rd ed.) (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTA AND PTERIDOPHYTA.

Text-book:

Smith, G. M., *Cryptogamic botany*, Vols. I and II (McGraw-Hill) (2nd edition).

Books of reference:

Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).

Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, Pts. I and II (Government Printer, Adelaide).

Fritsch, F. E., *Structure and reproduction of the algae*, Vols. I and II (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:

Bessey, E. A., *Morphology and taxonomy of fungi* (Constable, London).

D. CLASSIFICATION AND COMPARATIVE MORPHOLOGY OF THE GYMNOSPERMS.

E. ADVANCED MICROSCOPY.

F. GENETICS.—First term only of Part A of Course 296.

PRACTICAL WORK extending over twelve 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.

267. 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.

269. 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:

- (a) An introduction to genetics, gene action and cell physiology.
- (b) Structure and physiology of plants.
- (c) Morphology and reproduction of main classes of plants.
- (d) The mechanism of evolution, and the impact of modern biological thinking on our philosophy and future evolution.
- (e) The anatomy and physiology of selected invertebrate animals.
- (f) Functional anatomy of vertebrates and comparative embryology.

Text-books:

Barnett, A., *The human species* (Pelican), and

Either:

Hentschel, C. C., and Ivimey Cook, W. R., *Biology for medical students* (Longmans, Green);

or a combination of the following:

Buchsbaum, R. M., *Animals without backbones*, Vols. 1 and 2 (Pelican Books).

Romer, A. S., *Man and the vertebrates*, Vols. 1 and 2 (Pelican Books).

Mather, K., *Genetics for schools* (John Murray).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann),

and

Godwin, H., *Plant biology* (C.U.P.) or

James, W. O., *Elements of plant biology*, 3rd ed. (Allen and Unwin).

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.

271. Zoology I.

This course includes:

- (a) An introduction to cell physiology.
- (b) Anatomy and physiology of selected invertebrate animals.
- (c) Functional anatomy of vertebrates.
- (d) The elements of comparative embryology.
- (e) The principles of classification; ecology.
- (f) Elementary cytology, genetics and evolution. (See syllabus for Genetics.)
- (g) A series of discussions and seminars on scientific method and attitude.

Text-book:

Weimer, B. R., *Man and the animal world* (Wiley).

Bronowski, J., *The common sense of science* (Heinemann).

Barnett, A., *The human species* (Penguin).

Students should consult:

- Buchsbaum, R. M., *Animals without backbones* vols. I and II (Penguin Books).
 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 Books).
 Baldwin, E., *An introduction to comparative biochemistry*, 3rd ed (C.U.P.).

274. Zoology II.

Pre-requisite subjects: Chemistry I (231) and course (271).

The course includes the following subjects: Cellular physiology, principles of taxonomy and the classification, structure and physiology of either invertebrates or vertebrates (in alternate years), and quantitative biology (first term only of Part B of Course 296).

Text-books:

- Borradaile, L. A., Eastman, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.), or
 Young, J. Z., *The life of vertebrates* (O.U.P.).
 Scheer, B. T., *Comparative physiology* (Chapman and Hall).

For reference:

- Baldwin, E., *An introduction to comparative biochemistry* (C.U.P.).
 Heilbrunn, L. V., *An outline of general physiology* (Saunders).
 Cain, A. J., *Animal species and their evolution* (Hutchinson).

275. Zoology III.

Pre-requisite subject: course (274).

The course includes the following subjects: Animal ecology, marine biology, entomology and the classification, structure and physiology of either vertebrates or invertebrates (in alternate years); also general genetics (first term only of Part A of Course 296).

Text-books:

- Young, J. Z., *The life of vertebrates* (O.U.P.), or
 Borradaile, L. A., Eastman, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.).
 Scheer, B. T., *Comparative physiology* (Chapman and Hall).

For reference:

- Elton, C. S., *Animal ecology* (Sidgwick and Jackson).
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Chapman and Hall).
 Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (C.U.P.).
 Imms, A. D., *General textbook of entomology* (Methuen).
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
 Tinbergen, N., *The study of instinct* (O.U.P.).
 Ford, E. B., *Mendelism and evolution* (Methuen).
 Simpson, G. G., *The meaning of evolution* (Yale Univ. Pr.).
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).
 Daves, B., *A hundred years of biology* (Duckworth).
 Sverdrup, H. V., Johnson, M. W., and Fleming, R. H., *The oceans* (Prentice-Hall).

For reference in the course of invertebrates:

- Parker & Haswell, *Textbook of zoology* Vol. I (Macmillan).
 Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).
 Hyman, L. H., *The invertebrates*, Vols. I, II, III and IV (McGraw-Hill).
 Imms, A. D., *General textbook of entomology* (Methuen).
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
 Lapage, G., *Parasitic animals* (C.U.P.).

For reference in the course on vertebrates:

- Romer, A. S., *The vertebrate body* (Saunders).
 Leach, W. P., *Functional anatomy of the mammal* (McGraw-Hill).
 Saunders, J. T., and Manton, S. M., *A manual of practical vertebrate morphology* (O.U.P.).
 Shumway, W., *Introduction to vertebrate embryology* (Chapman and Hall).
 Parker & Haswell, *Textbook of zoology* Vol. II (Macmillan).
 Turner, C. D., *General endocrinology* (Saunders).

278. 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 prior to 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.

281. Biochemistry I.

Pre-requisite subjects: Physics I (221), Chemistry I (231) and *either* Biology (269) *or* the courses in Botany and Zoology presented for first-year medical students; *or* any two of the following three subjects: Botany I, Zoology I, Pure Mathematics I.

The course comprises two lectures and six hours practical work a week for three terms.

Subject matter:

The chemistry of carbohydrates, lipids and proteins, and of related products of living matter; the nature and activity of enzymes; the chemistry of digestion; absorption and intermediary metabolism; hormones and vitamins; the composition of special tissues and tissue fluids; energy requirements and control.

The practical work includes qualitative experiments illustrating the properties of the materials dealt with in the lectures, quantitative analysis of urine, blood, and other biological materials. In addition, candidates are introduced to more specialized techniques, including the preparation of enzymes and metabolic intermediates, manometry, chromatography and optical methods used to study chemical pathways in living cells.

Text-books (latest editions in all cases):

- Harrow B., and Mazur, A., *Text-book of biochemistry* (Saunders).
 Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

282. Biochemistry II.

Pre-requisite subject: Course 281.

The course comprises three lectures a week in the first and second terms and two lectures a week in the third term. The practical work will occupy at least eight hours a week for three terms.

Subject matter:

More advanced aspects of some of the subjects dealt with in Biochemistry I, notably intermediary metabolism, hormones and vitamins; nutrition, comparative biochemistry, biophysics, the biochemistry of disease and of genetics; special aspects of bacterial metabolism, of general physiology, of the chemical action of drugs and of applied biochemistry.

The practical work will include the preparation and estimation of substances of biochemical interest; the quantitative study of enzyme reactions, manometry and other special techniques; experiments in nutrition and demonstrations illustrating features of the theory course.

Text-books (latest editions in all cases):

Baldwin, E., *Dynamic aspects of biochemistry* (C.U.P.).

Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).

Fruton, J. S., and Simmonds, S., *General biochemistry* (John Wiley and Sons).

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (John Wiley and Sons).

Umbreit, W., Burris, R., and Stauffer, J., *Manometric techniques and tissue metabolism* (Burgess Publishing Co., Minn.).

Reference books:

Greenberg, D. M., *Chemical pathways of metabolism* (Academic Press).

Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).

Davidson, J. N., *Biochemistry of nucleic acids* (Methuen).

Butler and Randell, *Progress in biophysics* (Butterworth, Springer).

Sumner, J., and Myrback, K., *The enzymes* (Academic Press, N.Y.).

McElroy, W., *Phosphorus metabolism* (Johns Hopkins Press).

Other references will be supplied during the course.

284. Biochemistry for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 282.

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.

Text-book:

Cowgill, R. W., and Pardee, A. B., *Experiments in biochemical and research techniques* (Wiley).

Reference books (in addition to those presented for 282):

Annual reviews of biochemistry (Stanford University pr.).

Graaf, S., *Essays in biochemistry* (Wiley).

Haurowitz, F., *Chemistry and biology of proteins* (Academic Press, N.Y.).

Lemberg, R., and Legge, J., *Haematin compounds and bile pigments* (Interscience).

Gale, E. F., *Chemical activities of bacteria* (University Tutorial pr.).

Green, D. E., *Mechanisms of biological oxidations* (C.U.P.).

Bull, H. B., *Physical biochemistry* (Wiley); or

Johlin, J. M., *Introduction to physical biochemistry* (2nd ed.) (Harper).

Dixon, M., *Multi-enzyme systems* (C.U.P.).

Symposium on the use of isotopes in biology and medicine (Blackwell).

White, A., et al., *Principles of biochemistry* (McGraw-Hill Book Co.).

Williams, T. J., *The elements of chromatography* (Blackie and Son Ltd.).

Other reading will be prescribed during the course.

PHYSIOLOGY

286. Physiology.

Pre-requisite subjects: Physics I (221), Chemistry I (231) and Biology (269) or any two of the following three subjects: Botany I, Zoology I, Pure Mathematics I; and Histology (301). Further, it is recommended that students should have completed the course in Biochemistry I.

Science students will begin the lectures in Physiology in the first term of their third year, having completed the course and passed in the subject of Histology (301). The lecture course, which is given annually, deals with the structure and function of the principal mammalian tissues, organs and systems together with the hormonal and neural integrations of the organism. The practical work is based on human and mammalian material, and illustrates many of the classical observations of physiological function.

Text-book:

Text-book of physiology, ed. J. F. Fulton (W. B. Saunders) (17th ed.).

288. Physiology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 286.

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 Physiology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

BACTERIOLOGY.

Examinations.—All examinations in Bacteriology include both theoretical and practical papers. These cannot be taken separately.

291. Bacteriology I.

Pre-requisite subjects: Physics I (221), Chemistry I (231), and any one of the following: Biology (269), Botany I (261), Zoology I (271).

The course consists of lectures, demonstrations and practical work for not less than eight hours a week during three terms, and deals with:

Cytology of bacteria and yeasts; physiology, metabolism and classification of viruses, bacteria and yeasts; the principles of sterilisation, disinfection and chemotherapy; general principles of infection, immunity and serology; the microbiology and preservation of milk, milk products and food; the microbiology of water, sewage and soil; industrial microbiology.

Practical work includes the techniques of staining, cultivation, isolation and identification of bacteria, yeasts and viruses; a detailed study of representatives of the yeasts, bacteria and viruses; the carrying out of serological tests; the microbiological examination of dairy products, canned foods, water, sewage and soil.

Text-book:

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

Gale, E. F., *Chemical activities of bacteria* (Univ. Tutorial Press).

For reference:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (4th ed.) (Arnold).

Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, San Francisco, 1954).

Breed, R. S., Murray, E. G. D., and Hitchens, A. P., *Bergey's manual of determinative bacteriology* (6th ed.) (Bailliere, Tindall and Cox).

Waksman, S. A., *Soil microbiology* (Wiley).

Chalmers, C. H., *Bacteria in relation to the milk supply* (Arnold).

Prescott, S. C., and Dunn, C. G., *Industrial microbiology* (2nd ed. 1949) (McGraw-Hill).

Hammer, B. W., *Dairy bacteriology* (John Wiley & Sons) (3rd ed.) (1948).

292. Bacteriology II.

Pre-requisite subjects: A pass with credit or distinction or in Division I in Bacteriology I (291) and either Biochemistry I (281) or Organic Chemistry II (235).

The course consists of lectures and practical work covering at least twelve hours a week for three terms and deals with:

More advanced study of the physiology and metabolism of bacteria, yeasts and viruses; variation and mutation in bacteria and viruses; immunochemistry and epidemiology; the host-parasite relationship illustrated by animal viruses and bacteriophages.

Text-books:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (Arnold) (4th ed.).

Clifton, C. E., *Introduction to bacterial-physiology* (McGraw-Hill, 1957).

Luria, S. E., *General virology* (Wiley), 1953.

For reference:

Breed, R. S., Murray, E. G. D., and Hitchens, A. P., *Bergey's manual of determinative bacteriology* (6th ed.) (Bailliere, Tindall and Cox).

Dubos, R. J., *The bacterial cell* (Harvard Univ. pr.).

Landsteiner, K., *Specificity of the serological reactions* (2nd ed.) (Thomas, Baltimore).

Kabat, E. A., and Mayer, M. M., *Experimental immunochemistry* (Charles C. Thomas).

Rivers, T. M., *Viral and rickettsial infections of man* (Lippincott).

Burnet, F. M., *Virus as organism* (Harvard Univ. pr.).

Werkman, C. H., and Wilson, P. W., *Bacterial physiology* (Academic Press inc.).

Stephenson, M., *Bacterial metabolism* (3rd ed.) (Longmans).

Knaysi, G. A., *Elements of bacterial cytology* (2nd ed. 1951) (Comstoed pub. Co., New York).

Heyningen, W. E. van, *Bacterial toxins* (Blackwell Scientific Publications, Oxford, 1950).

295. Bacteriology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 292. Candidates for the Honours Degree in Bacteriology must have passed the examination in Course 292 to the satisfaction of the Head of the Department.

Prospective candidates should consult the Head of the Department some time during the year preceding the honours year.

The course extends over at least an entire academic year. Candidates are expected to show a more detailed knowledge of the subject than is required for the Ordinary degree and to pass a more stringent examination. They are required to study more intensively some particular aspect of microbiology and to participate in experimental research work. During the year they may be required to present detailed reports of their research projects and must provide satisfactory evidence of progress in original work according to an approved plan. They are expected to spend all their time, except that devoted to lectures, in the laboratory and are required to attend such lectures and pass such examinations in other subjects as the Head of the Department may deem necessary. A course of reading is prescribed and should be commenced early in the long vacation prior to the honours year. A reading knowledge of French and German is required.

GENETICS.**Genetics in Botany I and Zoology I.**

About eight lectures and demonstrations, as part of Zoology I and Botany I 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.

Reference books:

- Mather, K., *Genetics for schools* (Murray).
 Colin, E. C., *Elements of genetics* (McGraw-Hill).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).
 Dunn, L. C., *Genetics in the twentieth century* (Macmillan).

296. Genetics I.

Candidates for the degree of Bachelor of Science must present both parts of the course.

PART A. This deals with General Genetics and consists of one lecture and two hours practical work a week throughout the year.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- Darlington, C. D., *Chromosome botany* (Allen and Unwin).
 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).

PART B. This consists of one lecture and a two-hour practice class each week throughout the year.

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. Comparison of means of two populations and of two samples. Regression and correlation.

Term II. Population Genetics. Gene frequency and its measurement. "Hardy-Weinberg Law for random mating populations. Selection. Transient and selectively balanced 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:

- Mather, K., *Statistical analysis in biology* (Methuen).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Moroney, M. J., *Facts from figures* (Pelican).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Lawler, S. D., and Lawler, L. J., *Human blood groups and inheritance* (Heinemann).
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).

297. Genetics II.

Pre-requisite subjects: Genetics I (296).

(Agricultural Science students who have passed Genetics IA (366) and Biometry (373) to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

This course consists of three lectures and six hours practical work a week throughout the year and includes the more advanced aspects of biometrical, microbial, physiological, population and human genetics, and cytology.

Reference books:

- 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* (C.U.P.).
 Darlington, C. D., *Recent advances in cytology* (Churchill).
 Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).
 Harris, H., *An introduction to human biochemical genetics* (C.U.P.).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Mather, K., *Biometrical genetics* (Methuen).
 Race, R. R., and Sanger, R., *Blood groups in man* (Blackwell).
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).
 Stern, C., *Human genetics* (Freeman).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).

298. 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 soon as possible in order that they can be advised on suitable work and a course of reading.

ANATOMY AND HISTOLOGY.

301. Histology (for B.Sc. Ordinary Degree).

Pre-requisite subjects: Physics I (221), Chemistry I (231), and either Biology (269) or Biology (533), or any two of the following three subjects: Botany I, Zoology I, Pure Mathematics I.

The course comprises two lectures and six hours practical work a week for three terms and includes:

The technique of section preparation. Microscopy, including special methods of examining sections. The structure of the cell and its relation to function. Basic methods of cytochemistry. The histology of intercellular substances and the tissues of the body. The histology of the systems of the body, including basic neurology and neurohistology.

Throughout the course emphasis is laid on structure and its relation to function.

Each student is provided with a loan collection of histological slides; other preparations will be made during the practical classes. Some microscopes are obtainable on loan.

Text-books (latest edition):

- Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders), or
 Ham, A. W., *Histology* (J. B. Lippincott).

For reference:

- McClung, C. E., *Handbook of microscopical technique* (Hoehner).
 Pearse, A. G. E., *Histochemistry* (J. and A. Churchill).
 Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).
 Ranson, S. W., *The anatomy of the nervous system* (Saunders).

303. Vertebrate Anatomy and Morphology for the Honours Degree of B.Sc.

Candidates for the examination must have passed their anatomy and physiology for the degrees of M.B. and B.S.

They will be admitted to examination two years after beginning the course.

The subjects of the examination will be as follows:

1. VERTEBRATE EMBRYOLOGY.—Candidates will be expected to display a good general knowledge of comparative embryology with special reference to any aspect they elect to study more particularly.

2. VERTEBRATE ANATOMY.—Candidates must submit notebooks of their drawings of personal dissections of such representative vertebrate animals as the Professor shall select. Good familiarity with the general evolution of most systems will be expected; candidates may elect one for special study.

3. COMPARATIVE NEUROLOGY.—Candidates must show a good knowledge of evolution in structure and function of the central nervous system in particular.

4. OTHER.—Candidates must be familiar with the general methods and findings of Physical Anthropology, and with the general practical methods employed in biological laboratories. They will be expected to take part in any research work in progress or may be assigned to individual investigations. They should have a reading knowledge of French and German.

AGRICULTURAL SCIENCE

351. Physics I.

The course will be that prescribed for Physics I (221).

352. Chemistry I.

The course will be that prescribed for Chemistry I (231).

353. Botany I.

The course will be that prescribed for Botany I (261).

354. Zoology I.

The course will be that prescribed for Zoology I (271).

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 work 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 the earth; 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* (Univ. of Sydney).

Reference books:

Klages, K. H. W., *Ecological crop geography* (Macmillan).

Hare, F. K., *The restless atmosphere* (Hutchinson).

Miller, A. Austin, *Climatology* (8th Ed.) (Methuen).

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia* (Univ. of Melb. pr.).

Russell, E. J., *World population and world food supplies* (Allen and Unwin).

Oxford economic atlas (O.U.P.).

363. Chemistry II.

This course will consist of three 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, conductivity of solutions, reaction kinetics, reactions in solution, colloid and macromolecular chemistry, surface chemistry. The practical work will consist of a number of experiments illustrating the above topics.

Book recommended:

Moore, W. J., *Physical chemistry* (2nd ed.) (Prentice-Hall).

Organic Chemistry.

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist. The mechanism of organic reactions. The chemistry of carbohydrates. Practical work illustrating the major methods and techniques of organic chemistry.

Book recommended:

English, J., and Cassidy, H. G., *Principles of organic chemistry* (2nd ed.) (McGraw-Hill).

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 the above topics.

Books recommended:

Fruton, J. S., and Simmonds, S., *General biochemistry* (Wiley).

Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).

Bonner, J., *Plant biochemistry* (Acad. Pr.).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).

Baldwin, E., *Dynamic aspects of biochemistry* (2nd ed.) (C.U.P.).

364. Botany IIB.

This course includes (i) the same work as science students in Botany II (262) during the first and third terms; (ii) the same work as science students in Botany III 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 Physics I.

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, N.Y.).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—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.

For supplementary reading:

Leeper, G. W., *Introduction to soil science* (Melb. Univ. pr.).

Oosting, H. J., *Vegetation of South Australia* (Govt. Printer, Adelaide).

Wood, J. G., *Vegetation of South Australia* (Govt. Printer, Adelaide).

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. For text-books and reference books in Systematic Botany, see Course 262.

365. Geology I.

The course will be that prescribed for Geology I (251).

366. Genetics IA.

This course in general genetics consists of one lecture and two hours practical work a week throughout the year.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- Darlington, C. D., *Chromosome botany* (Allen and Unwin).
 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).

371. Agriculture II.

(a) 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, fertiliser practice and residual values; soil ameliorants; soil physical factors in agriculture; tillage, erosion and conservation; irrigation and drainage.

(b) An introduction to the micro-organisms; their morphology, physiology, cultivation and general classification; the importance of micro-organisms in soil, water and air. (This section involves an additional six hours per week for one term.)

Reference books:

- Black, J. M., *Flora of South Australia* (Govt. Printer, Adelaide).
 Donald, C. M., *Pastures and pasture research* (Univ. of Sydney).
 Leeper, G. W., *An introduction to soil science* (Melb. Univ. Press).
 Hubbard, C. E., *Grasses* (Pelican).
 Clausen, J., *Evolution of plant species* (Cornell).
 Russell, E. J., *Soil conditions and plant growth* (Longmans).
 Clifton, C. E., *Introduction to the bacteria* (McGraw-Hill).

372. Agricultural Chemistry 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 soil nutrients by the plant; respiration and photosynthesis; 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 is required.

Book recommended:

- Fruton, J. S., and Simmonds, S., *General biochemistry* (John Wiley & Sons).

Bonner, J., *Plant biochemistry* (Acad. Pr.).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (John Wiley & Sons).

Greenberg, D. M., *Chemical pathways of metabolism* (vols. I and II) (Acad. Pr.).

Frear, D. E. H., *Agricultural chemistry* (vols. I and II) (D. van Nostrand Co. Inc.).

Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).

Frear, D. E. H., *Chemistry of insecticides and fungicides* (van Nostrand).

Hill, R., and Whittingham, C. P., *Photosynthesis* (Methuen & Co.).

373. 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 χ^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 ed.) (Commonwealth Bureau of Plant Breeding and Genetics, Cambridge, 1955).
 Goulden, C. H., *Methods of statistical analysis* (2nd ed.) (John Wiley and Sons, Inc., New York; Chapman and Hall Ltd., London).
 Moroney, M. J., *Facts from figures* (2nd ed.) (Penguin Books Ltd.).

374. Entomology I.

A course of one lecture and two hours practical work each week for two terms covering:

1. Outlines of morphology, physiology, development and classification of insects.
2. Insect ecology: factors limiting insect numbers in nature; interaction between the insect population and its environment; special adaptations enabling survival; effects of (a) weather, and (b) parasites and predators, in regulating insect numbers.
3. Principles of artificial control of insects; practical limits; cultural methods; insecticides, kinds, mode of action, limitations; biological methods of control.

Text-books:

- Imms, A. D., *Outlines of entomology* (Methuen).
 Wigglesworth, V. B., *Insect physiology* (Methuen: 134 pp.).

Reference books:

- Imms, A. D., *General text-book of entomology* (Methuen). (Revised ed. 1957).
 Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).
 Essig, E. O., *College entomology* (Macmillan).
 Metcalf, C. L., and Flint, W. P., *Destructive and useful insects* (McGraw-Hill).
 Martin, H., *Scientific principles of plant protection* (Longmans).

377. 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, virus, fungi, nematodes and examples of each class occurring in Australia; principles of disease control, environmental, cultural practices, use of therapeutics, resistant varieties, legislation.

Text-books:

- Bessey, E. A., *Morphology and taxonomy of fungi* (Blakiston).
 Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

- Bawden, F. C., *Plant viruses and virus diseases* (3rd edition) (Chronica Botanica).
 Dickson, J. G., *Diseases of field crops* (McGraw-Hill).
 Dowson, W. J., *Manual of bacterial plant pathogens*.
 Fawcett, H. C., *Citrus diseases and their control* (McGraw-Hill).
 Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
 Large, E. C., *The advance of the fungi* (Alden Press).
 Martin, H., *Scientific principles of plant protection* (3rd Edition) (Longmans).

378. 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 and yield of economic plants.

Cereals; morphology; factors determining plant growth and quality of product.

Grasses and legumes: Influence of environmental factors on establishment; water status and reserves in relation to regeneration.

Weeds: Morphology of selected species; environment and survival organs in relation to regeneration; physiological action of weedicides.

Text-books to be arranged.

379. 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: 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 is required.

Book recommended:

Russell, E. J., *Soil conditions and plant growth* (Longmans).

For general reference:

Jenny, H., *Factors of soil formation* (McGraw-Hill).

Leeper, G. W., *Introduction to soil science* (Melb. Univ. Press).

Prescott, J. A., *The soils of Australia in relation to vegetation and climate* (C.S.I.R.O. Bulletin 52).

Stephens, C. G., *A manual of Australian soils* (C.S.I.R.O.).

Marshall, C. E., *The colloid chemistry of the silicate minerals* (Acad. Press).

Shaw, B. T., *Soil physical conditions and plant growth* (Acad. Press).

382. Animal Husbandry I.

A course of lectures for three hours a week for three terms devoted to: features of production and management in the sheep, beef, dairying and pig industries; the nutrition of farm animals, bioenergetics and the dietary systems, protein and mineral metabolism, requirements and balanced rations, the economic approach to feeding; growth and development. The principles of disease control in domestic livestock, the epidemiology of diseases of major economic importance. Animal breeding; heritability and principles of selection, breeding systems and breed structure.

Text-books:

Maynard, L. A., *Animal nutrition* (McGraw-Hill).

McMeekan, C. P., *Principles of animal production* (Whitcombe & Tombs).

Lush, J. L., *Animal breeding plans* (Iowa State Coll. Press).

Reference books:

Belschner, H. G., *Sheep management and diseases* (Angus & Robertson).

Morrison, F. B., *Feeds and feeding* (20th ed.) (Morrison Pub. Co.).

Lerner, I. W., *Population genetics and animal improvement* (C.U.P.).

383. 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, harvesting and transport and machinery for processing of agricultural products.

The principles governing the operation of internal combustion engines, diesel engines, steam engines, boilers and electrical motors.

386. Agricultural Economics.

The course will be that prescribed for Agricultural Economics (156).

387. Agriculture III.

A course of two lectures and three hours practical work each week for three terms.

Crop Ecology.—Germination, emergence, growth, development and ripening; plant competition, principles and practice; environmental influences and their modification.

Agrostology.—Agronomic features of grasses and legumes, factors determining the value of pasture plants; seeds mixtures; pasture management; nutritional value; the plant-animal relationship.

Crop Agronomy.—The history, distribution, production, culture and use of principal crops.

Fodder Conservation.—Principles and practice.

Principles of weed control.

Land use and development.

Reference books:

Stapledon, R. G., and Davies, W., *Ley farming* (London, Faber).

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia* (Univ. of Melbourne press).

Zimmerman, E. W., *World resources and industries* (N.Y., Harper).

Rural Reconstruction Commission Reports (C'wealth Govt. Printer, Canberra).

Whyte, R. O., *Crop production and environment* (Faber, London).

Robbins, W. W., *et al.*, *Weed control* (McGraw-Hill).

388. Agriculture IV.

A course of nine hours a week covering:

- (a) World agriculture, crop agronomy and agrostology, weed control, and hydrology.
- (b) Practical classes and seminars related to the above topics, together with further studies of the taxonomy of pasture plants.
- (c) An individual investigational project in agronomy or agrostology, together with a study of relevant literature.

REFERENCE BOOKS:

As for Agriculture III together with any books or papers prescribed during the course.

389. Animal Husbandry II.

A course of nine hours a week devoted to: the anatomy of the sheep and histology of the organs and tissues; animal physiology, heart and circulation, blood and spleen, respiration, the nervous system, functions of the organs, endocrines, lactation, and reproduction; the alimentary system with special reference to ruminant digestion and rumen microbiology; wool biology.

There will be eighty hours laboratory work in physiology and nutrition. Project work may be required.

Students will be required to gain experience in animal management.

Text-books:

May, N., *The anatomy of the sheep* (Univ. of Queensland Press).

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Bailliere, Tindall and Cox).

Ham, A. W., *Histology* (2nd ed.) (Lippincott).

Reference books:

Sisson, Septimus, *The anatomy of the domestic animals* (Saunders Pub. Com.).

Brody, Samuel, *Bioenergetics and growth* (Reinhold Pub. Com.).

Hammond, J., *Progress in the physiology of farm animals*, volumes 1-3 (Butterworth).

390. Genetics II.

The course will be that prescribed for Genetics II (297).

391. Plant Breeding.

A course of lectures and practical work covering—

The role of the plant breeder 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.

Text-book:

Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding* (2nd ed.) (McGraw-Hill).

Reference books:

Sinnot, E. W., Dunn, L. C., and Dobzhansky, F. G., *Principles of genetics* (McGraw-Hill).
Waddington, C. H., *Introduction to modern genetics* (Allen and Unwin).
Leonard, W. H., and Clark, A. G., *Field plot technique* (Burgess).

392. 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. The following topics are discussed: geomorphology and geochemistry; soil microbiology; the flow and diffusion of water and gases; heat flow; thermodynamics of soil water; ion exchange; behaviour of ions in the soil solution with special reference to nutrient uptake by plants; uptake of water by plants; structure of clay minerals and accessory minerals; surface area; swelling; soil physical conditions and plant growth.

Books for reference:

Bear, F. E., *Chemistry of the soil* (Reinhold).
Brindley, G. W., *X-ray identification and structure of clay minerals* (The Mineralogical Society).
Grin, R. E., *Clay mineralogy* (McGraw-Hill).
Marshall, C. E., *The colloid chemistry of the silicate minerals* (Acad. Pr.).
Dallavalle, J. M., *Micromeritics* (Pitman).
Bauer, L. D., *Soil physics* (Wiley).
Carman, P. C., *Flow of gases through porous media* (Butterworth).
Piper, C. S., *Soil and plant analysis* (Univ. of Adelaide).
Jenny, H., *Factors of soil formation* (McGraw-Hill).
Mason, B. H., *Principles of biochemistry* (Wiley).
Shaw, B. T., *Soil physical conditions and plant growth* (Acad. Pr.).

393. Agricultural Chemistry 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 of animal 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; biochemical genetics. The practical work will consist of experiments related to the above topics and will include projects of an investigational nature.

Books recommended:

Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
Moore, W. J., *Physical chemistry* (2nd ed.) (Prentice-Hall).
English, J., and Cassidy, H. G., *Principles of organic chemistry* (2nd ed.) (McGraw-Hill).
Fruton, J. S., and Simmonds, S., *General biochemistry* (John Wiley & Sons).

For general reference:

- Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (John Wiley & Sons).
 Bonner, J., *Plant biochemistry* (Acad. Pr.).
 Greenberg, D. M., *Chemical pathways of metabolism* (vols. I and II) (Acad. Pr.).
 Frear, D. E. H., *Agricultural chemistry* (vols. I and II) (D. van Nostrand Co. Inc.).
 Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).
 Frear, D. E. H., *Chemistry of insecticides and fungicides* (van Nostrand).
 Colowick, S. P., and Kaplan, N. O., *Methods in enzymology* (vols. I-IV) (Acad. Pr.).

394. Horticulture.

A course of about nine hours a week lectures, practical work and demonstrations for three terms covering:

Environmental factors and crop distribution; management, including soil, frost, water requirements; culture of individual crops; harvesting, handling and storage.

Crop anatomy; growth cycle; growth regulating substances; nutrition and water relations; ripening and postharvest physiology in fruits.

Horticultural legislation.

Text-books to be arranged.

395. Plant Pathology II.

A course of about nine hours a week for three terms covering:

(a) The classification and morphology of the fungi; ecology of pathogenic organisms; host-parasite relationships; plant diseases in Australia.

(b) A special project involving investigation of a disease of Australian importance, together with the study of relevant literature.

Text-books:

- Bessey, E. A., *Morphology and taxonomy of fungi* (Blakiston).
 Gaumann, E., *Principles of plant infection* (Crosby Lockwood).
 Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

- Bawden, F. C., *Plant viruses and virus diseases* (3rd edition) (Chronica Botanica).
 Dickson, J. G., *Diseases of field crops* (McGraw-Hill).
 Dowson, W. J., *Manual of bacterial plant pathogens*.
 Fawcett, H. C., *Citrus diseases and their control*.
 Garrett, S. D., *Root disease fungi* (Chronica Botanica).
 Hambridge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
 Large, E. C., *The advance of the fungi* (Alden Press).
 Martin H., *Scientific principles of plant protection* (3rd Edition) (Longmans).

396. Entomology II.

A course of nine hours a week of lectures and practical work, of which three hours weekly shall be devoted to an individual project selected by the student in consultation with the Head of the Department.

The subject matter will comprise the following:

1. Advanced work on insect morphology, physiology, behaviour, development and classification; embryology; specialized life-histories.
2. Advanced ecology; factors influencing the survival and multiplication of insects; insects inhabiting specialized environments. Entomophagous insects; fungal, viral, bacterial, protozoan, and helminthic parasitism of insects.
3. Economic entomology; insects in relation to man, plants, and animals; economic significance; advanced work on insecticidal and biological control.
4. Arthropods other than insects: Crustacea, Myriapoda, Arachnida. The biology, classification, and economic relations of the Acarina.
5. A brief introduction to the history of entomology.

Reference Books: Those listed for Entomology I, and such books and papers as referred to during the course.

398. Practical Experience and Farm Demonstrations.

When enrolling for the course, each student is required to submit a statement of his previous experience, if any, in practical farming.

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-three hours of demonstration of various farm practices.

ENGINEERING

401. Architectural Theory, Construction and Practice I.

Pre-requisite subject: Building Construction and Drawing I (421).

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.

Text-book:

The Building Act, 1923-53 and Regulations.

Reference books:

As for Building Construction and Drawing I (421).

402. Architectural Theory, Construction and Practice II.

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*.

Reference books:

McMahon, A. P., *Art of enjoying art* (Whittlesey House).

Scott, G., *Architecture of humanism* (Constable).

Clark, K., *Gothic revival* (Constable).

Read, H., *The meaning of art*.

Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).

Malraux, Andre, *The voices of silence*.

Mumford, L., *Art and technics*.

PART B: History of furniture design: A course of lectures on the development and design of English furniture, 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 in the Australian colonies—early planners and influences from abroad.

Text-book:

Abercrombie, Sir Patrick, *Town and country planning*.

Reference books:

Haverfield, F., *Ancient town planning*.

Tout, T. F., *Mediaeval town planning*.

Hughes and Lamborn, *Towns and town planning*.

Hackett, B., *Man, society and environment*.

Stewart, C., *A prospect of cities*.

Walkley, G., *Pioneer planning of British Colonies* (Proceedings of the R.C.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.

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.

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., Sydney).
 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* (Melb. Univ. pr.).

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*.

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.

406. Architectural History I.

A course of lectures on the development of architecture: The architecture of Egypt, the two rivers, the Aegean, Greek, Roman, Early Christian, Byzantine and Mediaeval. Students must submit notebooks, sketches and drawings.

Text-books:

- Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

Books of reference:

- Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).
 Dinsmoor, W. B., and Anderson, Spiers, *The architecture of ancient Greece* (Batsford).
 Anderson, Spiers and Ashby, *The architecture of ancient Rome* (Batsford).
 Normand, C. P. J., *Parallel of the orders of architecture* (Tiranti).
 Jackson, Sir T. G., *Byzantine and Romanesque architecture* (Batsford).
 Jackson, Sir T. G., *Gothic architecture* (Batsford).
 Harvey, John, *The Gothic World, 1100-1600* (Batsford).

407. Architectural History II.

Pre-requisite subject: Architectural History I (406).

A continuation of the course of lectures on architectural development: the leading characteristics and history of the great styles of architecture; general knowledge of the principal masters and their works; a detailed study of Renaissance architecture in Italy, France and England up to 1850.

Students must submit notebooks, sketches and drawings, including measured drawings from local architecture, and sketching of architectural detail in the field.

Text-book:

- Fletcher, B. F., *History of architecture* (Batsford).

Books of reference:

- Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).
 Anderson, W. G., and Stratton, *The architecture of the Renaissance in Italy* (Batsford).
 Ward, W. H., *Architecture of the Renaissance in France* (Batsford).
 Blomfield, R., *Short history of Renaissance architecture in England* (Bell).
 Letarouilly, P. M., *Student's Letarouilly illustrating the Renaissance in Rome* (ed. A. E. Richardson) (Tiranti).

411. Architectural Design I.

Pre-requisite subjects: Architectural Drawing I (416), Free Drawing I (424), Architectural History I (406), and Building Construction and Drawing I (421).

An introduction to architectural design. The study of factors affecting design through consideration of basic types of building in simple form. Problems are related to the methods of building construction and draughting technique covered in parallel courses. Classes accompanied by lectures on principles and technique of design.

Books of reference:

- Robertson, H. M., *Principles of architectural composition*.
 Robertson, H. M., *Modern architectural design*.
 Richards, J. M., *Introduction to modern architecture*.

412. Architectural Design II.

Pre-requisite subjects: Architectural History I (406) and II (407), Architectural Design I (411), Building Construction and Drawing II (422), and Architectural Drawing II (417). Architectural Theory, Construction and Practice I (401) should be taken concurrently.

Study of building types of larger scale and complexity, or with requirements of a special nature; including introduction to modular design in multi-storey and multi-cellular buildings. Students embody in their designs principles laid down in Architectural Theory, Construction and Practice I. Introduction to the practice of working on group projects, and to simple town-planning studies. Classes accompanied by lectures on the development of Modern Architecture, its principles and methods.

Books of reference:

- Gropius, W., *The new architecture and the Bauhaus*.
 Giedion, S., *Space, time and architecture*.

413. Architectural Design III.

Pre-requisite subjects: Architectural Design II (412), Architectural Theory, Construction and Practice I (401). 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.

Books of reference:

- Michaels, L., *Contemporary structure in architecture*.

416. Architectural Drawing I.

PART A: Proportionals; construction of plane figures; circles tangentially in contact with lines and circles; problems on areas of plane figures; the ellipse, parabola and hyperbola; Ionic volute, entasis, spirals and cycloids.

The orthographic projection of solids; sections and true shapes; conic sections; auxiliary plans and elevations; intersecting solids; spheres tangentially in contact; the helix.

Development by parallel line, radial line and triangulation; forms of projection.

The application of geometry to architectural draughtsmanship.

PART B: The theory and practice of Architectural perspective; division and measurement in perspective; angular and parallel perspective; the visual cone of rays; methods of projection; interior perspective; simple rendering from perspective projections. Isometric and axonometric projection.

Reference books:

- Holmes, J., *Applied perspective* (Pitman).
 Sierp, A. F., *Perspective projection* (Sands and McDougall).
 Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).
 Lee, L. A., and Reekie, R. K., *Descriptive geometry for architects and builders* (Arnold).

417. Architectural Drawing II.

Pre-requisite subjects: Architectural Drawing I (416) and Architectural History I (406).

PART A: In addition to the work set out in Architectural Drawing I, more advanced problems on the projection of points, lines and planes; the projection of the regular solids; sections on solids made by planes inclined to both planes of reference; more advanced problems on penetration and development by triangulation.

Orthographic projection of shadows; shadows of solids on oblique planes and curved surfaces; shadows of architectural forms.

Perspective projection of shadows with the sun in various positions; perspective reflections.

PART B: This work consists of a number of projects with the special object of training the student in rendering and presentation techniques as used in Architectural design.

Reference books:

Holmes, J. M., *Sciagraphy* (Pitman).

Magonigle, H., *Architectural rendering in wash* (Scribner).

Atkin, Corbelletti and Fiore, *Pencil techniques in modern design* (Reinhold).

Morgan, S. W., *Architectural drawing* (McGraw-Hill).

419. 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 £250,000, 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.

421. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints; timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).

Nangle, J., *Australian building practice* (Brooks).

Tulloch, *Details of Australian building construction* (Keating and Wood).

422. Building Construction and Drawing II.

Pre-requisite subject—Building Construction and Drawing I (421).

A continuation of the study of building construction and drawing with provisions similar to those set out in Building Construction and Drawing I.

Site requirements, excavations, foundations, shoring and underpinning, dangerous structure, joinery, fittings, glazing.

Insulation, water proofing and damp proofing, internal and external finishes, including plastering, painting, tiling.

Roofs, roofing materials and roof drainage, fire resisting construction.

Text and Reference books:

As for Building Construction and Drawing I.

424. Free Drawing I.

Lectures on lettering and layout, creative design and the theory of colour with practical exercises throughout the session. Drawing of architectural ornament in light and shade from the cast. Rendered studies in various media from still life. Outdoor sketching.

Reference books:

- Studio Publication, *Lettering of today* (London).
 Cuptill, A. L., *Sketching and rendering in pencil* (Reinhold).
 Cuptill, A. L., *Colour in sketching and rendering* (Reinhold).
 Ostwald, W., *Colour science*, Vols. I, II and III (Windsor and Newton).

425. Free Drawing II.

Pre-requisite subject: Free Drawing I (424).

Extended use of ornament and colour. Architectural sketching in various media, and rendered outdoor studies of existing buildings or works of art in line wash and colour. Figure sketching.

Books of reference:

As for Free Drawing I.

431. Civil Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Strength of Materials (436).

A pass in Division I, or higher, in this subject is a pre-requisite for the course in Civil Engineering II.

A course of about 52 lectures dealing with the theory and design of structures. The course is mainly concerned with statically determinate cases of beams, frames, arches, and suspension cables. Simple cases of statically indeterminate beams and frames are considered. The course includes lectures on the design of simple structures, on foundations and retaining walls with some relevant elementary soil mechanics, together with lectures on concrete and reinforced concrete work.

Students also attend in the drawing office for one afternoon weekly throughout the year, and in the laboratory for a further nine sessions of three hours each.

Text-books:

Speedie, M. G., and O'Donnell, I. J., *Foundation methods* (Tait Book Co.).

Standards Association of Australia:

Code for use of structural steel in building, Interim 351.

C.S.I.R., *Handbook of structural timber design* (3rd ed., 1948).

Reference books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw-Hill).

Sutherland, H., and Bowman, *Structural theory* (Wiley).

Salmon, E. H., *Materials and structures*, Vol. II (Longmans).

Grinter, L. E., *Theory of modern steel structures* (Vols. I and II) (Macmillan).

Grinter, L. E., *Design of modern steel structures* (Macmillan).

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).

Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design*, 2nd ed. (Wiley).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

432. Civil Engineering II.

PART A.—Pre-requisite subjects: Surveying I (437); Division I, passes or higher, in Civil Engineering I (431), and Hydraulics (434).

A course of about 80 lectures dealing with soil mechanics, surveying, hydraulics, water supply, transport engineering and 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).
 Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).
 Merriman, M., *Elements of precise surveying and geodesy* (Wiley, or Chapman and Hall).
 Reynolds, C. E., *Concrete construction* (Concrete Publications).
 Stephenson, H. W., *Solution of problems in surveying and field astronomy* (Pitman).

PART B.—Pre-requisite subject: A pass in Division I, or higher, in Civil Engineering I (431).

A course of about 50 lectures dealing with the theory and design of structures.

Students must undertake the design of selected engineering subjects and may 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 ed.) (Arnold).

PART C.—Students will be required to submit a report on a project of an experimental nature conducted during the year.

Part C must be taken concurrently with Part A.

434. Hydraulics.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207).

A pass in Division I, or higher, in this subject is pre-requisite for the courses in Civil Engineering II, Part A, and Mechanical Engineering II, Part A.

The course is introduced with the elements of fundamental flow studies. Flow under various conditions is considered and laws developed. Applications of such laws to flow through orifices, over weirs, along pipe lines and open channels are given by the Civil Engineering Department. The principles governing the design for one dimensional flow through water wheels, turbines and centrifugal pumps are given by the Mechanical Engineering Department.

These subjects are covered in a course of about thirty lectures. Practical work in the laboratory is completed in nine sessions.

Text-book:

- Rouse, H., *Elementary mechanics of fluids* (Wiley).

Reference books:

- Addison, H., *Treatise on applied hydraulics* (Chapman and Hall).
 Gibson, A. H., *Hydraulics and its applications* (Constable).
 Jameson, A. H., *Introduction to fluid mechanics* (Longmans)

435. Structural Design.

Pre-requisite subject: Civil Engineering I (431).

Students attend on three afternoons a week throughout the year and undertake the complete design of selected engineering structures. They are required also to attend certain lectures in Civil Engineering II, Part B, as directed.

Students will be assessed on the work of the year, but in addition may be required to pass a practical examination in design.

436. Strength of Materials.

Subjects to be taken concurrently, if not already passed: Pure Mathematics IIA (204), and Applied Mathematics I (207).

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.

The lectures deal with the following:

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 McCullough, G. H., *Elements of strength of materials* (Van Nostrand).

437. Surveying I.

Pre-requisite subject: A pass in Division I, or higher, in Pure Mathematics I (201).

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 (439) before being credited with this subject.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

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*.

438. Surveying IB.

Pre-requisite subject: A pass in Division I, or higher, in Pure Mathematics I (201) and a pass in Engineering Drawing I (481).

A short course consisting of one lecture and three hours' drawing office work per 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:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

439. Survey Camp (First).

Students must attend lectures and practical classes in Surveying I (437) before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. A camp fee of £6 6s. is charged. 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 lectures.

440. 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. The camp fee is £6 6s. 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 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.

Entry for the camp should be made before the end of the second term.

441. Electrical Engineering I.

Pre-requisite subjects: Physics II, B.E. Course (223), or Physical and Inorganic Chemistry IIA (234), Pure Mathematics IIA (204), Applied Mathematics I (207).

The course consists of an introductory series of lectures in Electrical Engineering and is divided into two parts, A and B. The subject matter of the course covers the fundamental aspects of both power (Part A) and electronic (Part B) engineering, as required by students taking Electrical, Mechanical and Civil Engineering courses.

A Division I pass, or higher, in this subject is pre-requisite for the course in Electrical Engineering II (442).

(Note.—Mining, Metallurgical and Chemical Engineering students take Part A of the course only.)

PART A

Two lectures a week throughout the year.

Units, D.C. and A.C. measuring instruments, bridge and potentiometer methods of measurement; illumination, types of incandescent and discharge lamps, magnetic circuit theory, electromagnets; D.C. machines; A.C. circuits in steady state, three-phase systems, elementary theory of transformers, alternators, induction motors, synchronous motors, commutator motors, single-phase motors, rectifiers and rotary converters, transmission and distribution of A.C. and D.C. power, switchgear, protection; brief course in safety and rating features of wiring regulations.

PRACTICAL: Three hours' practical work a week for two terms only, comprising a series of experiments and exercises designed to illustrate the subject matter of the lectures.

Text-books:

- Hirst, A. W., *Applied electricity* (Blackie).
- Standards Association of Australia, *Wiring rules, Part I.*
- B.S.S. No. 205, *Glossary of terms, electrical engineering.*

Reference books:

- Cotton, H., *Electrical technology* (Pitman).
- Powel, C. A., *Principles of electric utility engineering* (Wiley).
- Hehre, F. W., and Harness, G. T., *Electrical circuits and machinery*, Vols. I and II (Wiley).
- *Langsdorf, A. S., *Principles of direct current machines* (McGraw-Hill).
- *Lawrence, R. R., and Richards, H. E., *Principles of alternating current machines* (McGraw-Hill).

* Electrical Engineering students—advised to purchase.

Tools: Screwdriver, pliers.

PART B

One lecture a week throughout the year.

Principles of hard and soft valves, amplification, rectification, feedback, oscillation, the cathode ray tube and its application, electronic instruments, introduction to servomechanism.

PRACTICAL

Three hours' practical work a week for one term only.

Text-books:

Ryder, J. D., *Engineering electronics—with industrial applications and control*, 1957 (McGraw-Hill) (suitable for non-electrical engineering students).

M.I.T. Staff, *Applied electronics*. (For Electrical Engineering students only.)

Radiotron valve data book (Amalgamated Wireless Valve Technical Series R.V.2).

Reference books:

Seely, S., *Electron tube circuits* (McGraw-Hill).

Harvard University, Cruft Laboratory. Electronics Training Staff, *Electronic circuits and tubes* (McGraw-Hill).

Tools: Screwdriver, pliers, electric soldering iron.

442. Electrical Engineering II.

Pre-requisite subjects: A Division I pass, or higher, in Electrical Engineering I (441); Applied Mathematics IIA (210); Strength of Materials (436).

Three lectures a week throughout the year.

This course comprises: (a) One lecture a week devoted to electrical power, including transformers, machines, simple transmission and distribution systems and symmetrical components; (b) One lecture a week devoted to electronics, including a further development of amplifier theory, modulation, detection and feedback. An elementary treatment of network theory, filters and transmission lines; (c) One lecture a week devoted to automatic control with special emphasis on servomechanisms. In addition to the general theory, the course will include transducers, electro-mechanical analogies, magnetic amplifiers and servomotors.

PRACTICAL: Practical work of five hours a week will be arranged to illustrate the above course, accompanied by appropriate lectures on techniques of measurements.

Text-books:

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

M.I.T. Staff, *Electric circuits* (Wiley).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen).

Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).

Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).

Starr, A. T., *Generation, transmission and utilisation of electrical power* (Pitman).

Harris, F. K., *Electrical measurements* (Wiley).

Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

Reference books:

Everitt, W. L., *Communication engineering* (McGraw-Hill).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

King, R. W. P., Mimno, Wing, *Transmission lines, antennas and wave guides* (McGraw-Hill).

Stevenson, W. D., *Elements of power system analysis* (McGraw-Hill).

Westinghouse Electric Manufacturing Co., *Electrical transmission and distribution reference book*.

Golding, E. W., *Electrical measurements and measuring instruments* (Pitman).

- Barlow, H. M., and Cullen, A. L., *Microwave measurements* (Constable).
 Shea, R. F., *Principles of transistor circuits* (Wiley).
 Laws, F. A., *Electrical measurements* (McGraw-Hill).
 Lauer, H., Lesnick, R., Matson, L. E., *Servomechanism fundamentals* (McGraw-Hill).
 Brown, G. S., Campbell, D. P., *Principles of servomechanisms* (Wiley).
 Wagner, C. F., Evans, R. D., *Symmetrical components* (McGraw-Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Chance, B., *et al.*, *Wave forms* (McGraw-Hill).
 Chestnut, H., Mayer, R. W., *Servomechanisms and regulating system design* (2 vols.) (Wiley).

Additional references will be given during the course.

443. Electrical Engineering III.

Pre-requisite subject: Electrical Engineering II (442).

The course is divided into two sections:—Part A, Electrical Power; Part B Electronics and Communications.

Students may select Option 1 (Power) or Option 2 (Electronics) as follows:—

Option 1: Power—Electrical Engineering Theory; Electrical Power; Specialist Lectures, Seminars and Project.

Option 2: Electronics—Electrical Engineering Theory; Electronics and Communications; Specialist Lectures, Seminars and Project.

ELECTRICAL ENGINEERING THEORY

Two lectures a week throughout the year.

Laplace and Fourier transforms and transient studies. More advanced treatment of feedback control systems and topics from analogue and digital computers. Acoustics and electromechanical analogues, X-rays, betatrons, geiger counters and a general treatment of power rectifiers.

ELECTRICAL POWER

Three lectures a week throughout the year.

Practical and project work twelve hours a week throughout the year.

Specialist lectures, seminars and project work for one hour a week throughout the academic year.

A more advanced study of the subject matter of Electrical Engineering I and Electrical Engineering II, and in addition, an advanced course in electrical measurements, circuit analysis, transformers, rotating machines and rectifiers; also power system studies, including stability and protection.

ELECTRONICS AND COMMUNICATIONS

Three lectures a week throughout the year.

Practical and project work of twelve hours a week throughout the year.

Specialist lectures, seminars and project work for one hour a week throughout the academic year.

A survey of units, field studies, network synthesis, electro-magnetic theory, electron mechanics, communication theory.

A more advanced treatment of the subject matter of Electrical Engineering I and II and in addition, an advanced course in circuit theory, filters, transmission lines, wave-guides, and aerial systems; amplifiers; modulation and demodulation; relative efficiency of A.M., F.M., S.S.B., and pulse for communications; selection of topics from C.R.O. technique, radar and television engineering, measurements, applied acoustics.

SPECIALIST LECTURES AND SEMINARS

During the year, students are required to attend specialist lectures given by practising engineers who are invited from industry, public utilities and Government establishments. In addition, student seminar work is arranged at suitable times.

Project: Commencing in the second term, each student will be given a project to carry out. This will involve a theoretical survey, the design, development and testing of equipment, and a report. Reports must be submitted before the end of the calendar year.

Text-books:

- Books recommended for Electrical Engineering II, together with—
 Mortlock, J. R., Davies, M. W. H., *Power system analysis* (Chapman & Hall).
 Rissik, H., *Power system interconnection* (Pitman).
 Young, H. P., *Electric power system control* (Chapman & Hall).
 Kuhlmann, J. H., *Design of electrical apparatus* (Wiley).
 Starr, A. T., *Electric circuits and wave filters* (Pitman).
 Jackson, W., *High frequency transmission lines* (Methuen).
 Bruel, P. V., *Sound insulation and room acoustics* (Chapman and Hall).
 Langsdorf, A. S., *Theory of alternating current machinery* (McGraw-Hill).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Cherry, E. C., *Pulses and transients in communication circuits* (Chapman & Hall).
 Evans, W. R., *Control system dynamics* (McGraw-Hill).

Reference books:

- Books recommended for Electrical Engineering II, together with—
 Carr, T. H., *Electrical power stations* (Chapman & Hall).
 Cray, S. B., *Power system stability* (2 vols.) (Wiley).
 Bewley, L. V., *Travelling waves on transmission systems* (Wiley).
 Stigant, S. A., Lacey, H. M., *The J. & P. transformer book* (Johnson & Phillips).
 Davies, O. L., *Statistical methods in research and production* (Oliver & Boyd).
 Craggs, J. D., Meek, J. M., *High voltage laboratory technique* (Butterworth).
 Fitzgerald, A. E., Kingsley, C., *Electric machinery* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Knowlton, A. E., *Standard handbook for electrical engineers for calculation and design work* (McGraw-Hill).
 Kaufmann, M., *Protective gear handbook* (Pitman).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 M.I.T. Radar School, *Principles of radar* (McGraw-Hill).
 Rissik, H., *The fundamental theory of arc convertors* (Chapman & Hall).
 Goldman, S., *Frequency analysis, modulation and noise* (McGraw-Hill).
 Starr, A. T., *Radio and radar techniques* (Pitman).
 Valley, G. E., and Wallman, H., *Vacuum tube amplifiers* (McGraw-Hill).
- Additional references will be given during the year.

451. Mechanical Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Physics II, B.E. Course (223) or Inorganic and Physical Chemistry IIA (234), Strength of Materials (436), Engineering Drawing II (482).

PART A.

For all engineering students. An introductory course in applied thermodynamics, theory of machines and machine design, including about 60 lectures, 54 hours on laboratory work, and 54 hours on drawing office work.

A Division I pass, or higher, is pre-requisite for students proceeding to Mechanical Engineering II.

APPLIED THERMODYNAMICS I.—An introductory treatment of fuels and combustion, thermodynamics of working fluids, air compressors, internal combustion engines, gas turbines, steam engines and turbines, boilers, condensers and other heat exchangers, refrigeration, and the testing of prime-movers.

Text-books:

- Grundy, R. H., *Theory and practice of heat engines* (Longmans).
 Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).

Reference books:

- Sneeden, J. B. O., *Elements of steam power engineering* (Longmans).
 Sneeden, J. B. O., *Introduction to internal combustion engineering* (Longmans).
 Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).
 Faires, V. M., *Theory and practice of heat engines* (Macmillan).

THEORY OF MACHINES I.—An introductory treatment of kinematics and dynamics, including certain aspects of kinematic chains and simple mechanisms, inversions, lower and higher pairing, centrodes, velocity and acceleration diagrams, valve diagrams and valve gears, straight-line motions, universal couplings, friction and lubrication, rope and belt drives, toothed gearing, cams, equilibrium in machines, brakes, governing, balancing and oscillations.

Text-book:

Bevan, T., *Theory of machines* (Longmans).

MACHINE DESIGN I.—A course of lectures and drawing office work in the design and drawing of machine members and simple power transmission systems with emphasis on design, including design economics and procedure, drawing office practice, materials and their applications, manufacturing processes, combined stress and theories of failure, fatigue and creep, factors of safety and design stresses, shafts under combined stress, bearings and lubrication, couplings and clutches, belt, chain and rope drives, introduction to toothed gearing design, hoisting gear, springs and fly-wheels.

Text-books:

Maleev, V. L., and Hartman, J. B., *Machine design* (International text book Co.) (3rd Edition).

B.S. 436: 1940, *Machine cut gears. A. Helical and straight spur.*

Reference books:

Faires, V. M., *Design of machine elements* (Macmillan) (3rd Edition).

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 (Ind. pr.).

British standards handbook No. 2 (1953): *Workshop practice.*

Standard Specifications and Codes.

PART B.

A supplementary course for students proceeding to Mechanical Engineering II. This course consists of 27 lectures and 54 hours of practical work in Fluid Mechanics, Thermodynamics and Theory of Machines.

452. Mechanical Engineering II.

Pre-requisite subjects: A Division I pass, or higher, in Hydraulics (434); a Division I pass, or higher, in Mechanical Engineering I (Part A); Mechanical Engineering I (Part B); Electrical Engineering (Part A and Part B).

An advanced course in applied thermodynamics, fluid mechanics, theory of machines and machine design. The course is covered by about seven lectures and two hours' seminar a week, together with two three-hour laboratory or project periods and two three-hour drawing office sessions a week.

The course is divided into two parts for the convenience of part-time students. All work in each part must normally be completed in one academic year. The subdivision is as follows:

Part A—Applied Thermodynamics II.

Fluid Mechanics.

Part B—Theory of Machines II.

Machine Design II.

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; testing of power plant.

Text-books:

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.)

Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).

Obert, E. F., *Internal combustion engines* (International Text-book).

Eckert, E. R., *Introduction to the transfer of heat and mass* (McGraw-Hill).

Reference books:

- Kiefer, P. J., Kinney, G. F., and Stuart, M. C., *Principles of engineering thermodynamics* (Chapman and Hall).
 Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).
 Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).
 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).
 Brown, A. I., and Marco, S. M., *Introduction to heat transfer* (McGraw-Hill).
 McAdams, W. H., *Heat transmission* (McGraw-Hill).
 Sparks, N. R., *Theory of mechanical refrigeration* (McGraw-Hill).
 Raber, B. F., and Hutchinson, F. W., *Refrigeration and air conditioning engineering* (Wiley).

FLUID MECHANICS.—A course of lectures and practical work in the essentials of fluid dynamics, including: perfect fluid theory; the flow of incompressible and compressible fluids both viscous and inviscid; the theory and design of pumps, compressors, fans, propellers and turbines; dimensional analysis and the theory and use of models; measurements in fluids.

Text-books:

- Hunsaker & Rightmire: *Engineering applications of fluid mechanics* (McGraw-Hill).
 Shepherd, D. G.: *Principles of turbomachinery* (Macmillan).
 Cohen, B. H. & Rogers, G.: *Gas turbine theory* (Longmans).

Reference Books:

- Nelson, W. C.: *Airplane propeller principles* (Wiley).
 Ower, E.: *Measurement of air flow* (Chapman & Hall).
 Goldstein: *Modern developments in fluid dynamics* (Oxford).
 Wislicenus: *Fluid mechanics of turbo-machinery* (McGraw-Hill).
 Binder, R. C.: *Fluid mechanics* (Prentice-Hall).
 Prandtl, L.: *The essentials of fluid dynamics* (Blackie).
 Baird, L.: *Applied aerodynamics* (Longmans).
 Liepmann & Puckett: *Aerodynamics of a compressible fluid* (Wiley).
 Addison, H.: *Centrifugal and other rotodynamic pumps* (Chapman & Hall).
 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).
 Langhaar, H. L.: *Dimensional analysis and theory of models* (Wiley).

THEORY OF MACHINES II.—A course in advanced kinematics and dynamics including advanced aspects of cams and gearing; the dynamics of engine and shaft; governing and flywheels, balancing, torsional oscillations; critical speeds; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing; instruments; automatic 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 & Unwin), or
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations* (Wiley).

Reference books:

- Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).
 Dalby, W. E., *Balancing of engines* (Arnold).
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).
 Tuplin, W. A., *Vibration in machinery* (Pitman).
 Johnson, W. C., *Mathematical and physical principles of engineering analysis* (McGraw-Hill).
 Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw-Hill).
 Macmillan, R. H., *An introduction to the theory of control* (C.U.P.).

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 Heat Engines I and II, together with
Maleev, V. L., and Hartman, J. B., *Machine design* (International) (3rd Edition), or,
Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).

Reference books:

- As for Machine Design I, together with the following:
Heldt, P. M., *High speed combustion engines* (Heldt).
Maleev, V. L., *Internal combustion engines* (McGraw-Hill).
Lichty, L. C., *Internal combustion engines* (McGraw-Hill).
Walshaw, T. D., *Diesel engine design* (Newnes).
Purday, H. F. P., *Diesel engine design* (Constable).
Shepherd, H. F., *Diesel engine design* (Wiley).
Heldt, P. M., *High speed diesel engines* (Heldt).
Kearton, W. J., *Steam turbine theory and practice* (Pitman).
Ripper, W., *Ripper's steam engine*, 8th ed., written and enlarged by W. J. Goudie (Longmans, 1932).
Timoshenko, S., *Strength of materials*, Vols. I and II (Van Nostrand).
Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).
Symposium, *The failure of metals by fatigue* (Melbourne Univ. pr.)
Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman & Hall).
Marin, J., *Mechanical properties of materials and design* (McGraw-Hill).
Moore, H. F., *Text-book of the materials of engineering* (McGraw-Hill).
Sully, A. H., *Metallic creep* (Butterworth).
Frocht, M. M., *Photoelasticity* (Wiley).
Hendry, A. E., *Introduction to photoelasticity* (Blackie).
Wahl, A. M., *Mechanical springs* (Penton).
Steeds, W., *Involute gears* (Longmans).
Merritt, H. E., *Gears* (Pitman).
Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).
Buckingham, E., *Spur gears* (McGraw-Hill).
Norton, A. E., *Lubrication* (McGraw-Hill).
Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).
Hersey, M. D., *Theory of lubrication* (Wiley).
Chase, H. H., *Handbook of designing for quantity production* (McGraw-Hill).
Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

461. Process Engineering I.

Pre-requisite subject: Chemistry I (231) and Physics I (221).

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 27 lectures are devoted to unit operations (including mineral dressing), 21 lectures to unit processes (chemical—inorganic and organic), and 15 lectures to unit processes (metallurgical—extractive).

Reference books:

- Shreve, R. N., *Chemical process industries*, 2nd ed., 1956 (McGraw-Hill).
Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).
McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering*, 1956 (McGraw-Hill).
Pryor, E. J., *An introduction to mineral dressing*, 1955 (Mining Publications Ltd.).
Riegel, E. R., *Chemical machinery*, 1944 (Reinhold).

462. Process Engineering II.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

The work is divided into three parts.

A. UNIT OPERATIONS I.

Lectures: Two hours a week throughout the year dealing with the theory of errors; sampling, laboratory sizing, solids handling; fluid mechanics as applied to the motion of solids through fluids (an introduction to gravity separation) and fluids through pipes; flow measurement, pumping; fluid flow through porous media, filtration, fluidization; elementary heat and mass transfer.

Practical work: Three hours a week throughout the year, alternate weeks being devoted to problems arising out of the lectures and to quantitative laboratory (bench scale) work designed to illustrate the principles of unit operations.

Text-books:

Brown, G. G., *Unit operations*, 1950 (Wiley).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering*, 1956 (McGraw-Hill).

Reference Books:

Perry, J. H., *Chemical engineers' handbook*, 3rd ed. (McGraw-Hill).

Treybal, R. E., *Mass transfer operations*, 1956 (McGraw-Hill).

B. UNIT PROCESSES I.

Lectures: Two series of lectures, each of one hour a week throughout the year, dealing respectively with the unit processes of industrial chemistry and extractive metallurgy. These lectures extend the coverage of material contained in Process Engineering I (461) and provide quantitative treatment in terms of the principles enunciated in Applied Physical Chemistry (467).

Practical work: Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes.

Text-books:

Shreve, R. N., *Chemical process industries*, 2nd ed., 1956 (McGraw-Hill).

Hougen, O. A., and Watson, K. M., *Industrial chemical calculations* 2nd ed., 1947 (Wiley).

Hopkins, D. W., *Physical chemistry and metal extraction*, 1954 (Garnet Miller).

Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).

Reference books:

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

Smith, J. M., *Chemical engineering kinetics*, 1956 (McGraw-Hill).

Bray, J. L., *Non-ferrous production metallurgy*, 1941 (Wiley).

Bray, J. L., *Ferrous production metallurgy*, 1942 (Wiley).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, 2 vols., 1945 (McGraw-Hill).

Hougen, O. A., and Watson, K. M., *Chemical process principles*, vols. I, II and III (Wiley).

van Arsdale, G. D., *Hydrometallurgy of base metals*, 1953 (McGraw-Hill).

Butts, A., *Metallurgical problems*, 1943 (McGraw-Hill).

Schuhmann, R., *Metallurgical engineering*, vol. I, 1952 (Addison-Wesley Press).

Mantell, C. L., *Industrial electrochemistry*, 1940 (Wiley).

C. INDUSTRIAL ECONOMICS I.

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

Rhodes, F. H., *Technical report writing*, 1941 (McGraw-Hill).

Graves, R., and Hodge, A., *The reader over your shoulder*, 1943 (Cape).

Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).

Burnham, T. H., *Engineering economics*, 2 vols., 1944 (Pitman).

Campbell, W., *Business practice and principles*, Part I, 2nd Ed. (Pitman).

Corley, H. M., *Successful commercial chemical development*, 1954 (Wiley).

463. Process Engineering III.

Pre-requisite subjects: Applied Physical Chemistry (467), Process Engineering II (462), Engineering Drawing II (482).

The work is divided into four parts.

A. UNIT OPERATIONS II.

Lectures: Two hours a week throughout the year devoted to an advanced treatment of heat transfer, mass transfer, and simultaneous mass and energy transfer.

Tutorials: One to 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 mass and energy transfer.

Text-books:

Brown, G. G., *Unit operations*, 1950 (Wiley).

McCabe, W. L., and Smith J. C., *Unit operations of chemical engineering*, 1956 (McGraw-Hill).

Coulson, J. M., and Richardson, J. T., *Chemical engineering*, vols. I and II, 1954 (Pergamon Press).

Reference books:

Perry, J. H., *Chemical engineers' handbook*, 3rd ed. (McGraw-Hill).

McAdams, W. H., *Heat transmission*, 3rd ed. (McGraw-Hill).

Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation*, 4th ed. (McGraw-Hill).

Treybal, R. E., *Liquid extraction*, 1951 (McGraw-Hill).

Sherwood, T. K., and Pigford, R. L., *Absorption and extraction*, 1952 (McGraw-Hill).

Treybal, R. E., *Mass transfer operations*, 1956 (McGraw-Hill).

B. UNIT PROCESSES II.

The course comprises tutorials and problem classes, amounting to three hours a week, devoted to quantitative analysis of the industrial processes. Practical plant performance is studied on the basis of fundamental physico-chemical principles.

Reference books:

As for Process Engineering II (462): Part B, and Applied Physical Chemistry (467).

C. INDUSTRIAL ECONOMICS II.

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, P. & L. statements), works organisation and management (including industrial relations).

Reference books:

Tyler, C., *Chemical engineering economics* (3rd ed.) (McGraw-Hill).

Burnham, T. H., *Engineering economics*, 2 vols., 1944 (Pitman).

Vilbrandt, F. C., *Chemical engineering plant design* (2nd ed.) (McGraw-Hill).

Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).

Clarke, L., *Manual for process engineering calculations*, 1947 (McGraw-Hill).

Tiffin, J., *Industrial psychology*, 1947 (Prentice-Hall).

Bichowsky, *Industrial research*, 1942 (Chem. Pub. Co.).

Fed. British Industries, *Industry and research*, Conference, 1946 (Pitman).

Walker, H. N., *Australian patents*, 1949 (Law Book Co. of Aust.).

- Yoder, Dale, *Personnel management and industrial relations*, 1944 (Prentice-Hall).
- Furnas, C. C., *Research in industry*, 1948 (Van Nostrand).
- Lester, B., *Sales engineering*, 1944 (Wiley).
- Bethel, Atwater, Smith & Stackman, *Industrial organization and management*, 1950 (McGraw-Hill).
- Corley, H. M., *Successful commercial chemical development*, 1954 (Wiley).
- Bullinger, C. E., *Engineering economic analysis*, 1950 (McGraw-Hill).
- Laird, D. A. and E. C., *The technique of handling people*, 1954 (McGraw-Hill).
- Perry, John, *Human relations in small industry*, 1954 (McGraw-Hill).
- Jordan, D. G., *Chemical pilot plant practice*, 1955 (Inter Science).

D. PLANT DESIGN.

Twelve hours a week throughout the year spent in the design of a metallurgical or chemical plant. This project involves the study of a selected process, preparation of flow sheets, design and detailed drawing of selected plant items, and drawing of plant lay-out.

Reference books:

- Rase, H. F., and Barrow, M. H., *Project engineering of process plants*, 1957 (Wiley).
- Vilbrandt, F. C., *Chemical engineering plant design*, 3rd ed. (McGraw-Hill).
- Rhodes, F. H., *Technical report writing*, 1941 (McGraw-Hill).
- Sypherd, W. O., Fountain, A. M., and Brown, S., *The engineer's manual of English*, 1943 (Scott, Foreman and Co.).
- Kern, D. Q., *Process heat transfer*, 1950 (McGraw-Hill).
- Clarke, L., *Manual for process engineering calculations*, 1947 (McGraw-Hill).

463(Q). Process Engineering II (Old Course).

This subject, effective for the year 1958 only, is an amended version of Process Engineering II (463) as detailed in the Calendar for 1956, page 644. The principal amendment is the introduction of Part D, "Plant Design", the syllabus for which is given in the new subject Process Engineering III (463).

It will be provided in 1958 only and is intended for those students who, in 1958, are enrolled in the fifth year of the course in Metallurgical and Chemical Engineering.

464. Automatic Process Control.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234) or Physics II (222) or Physics II, B.E. course (223).

Lectures: One hour 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*, 1945 (Wiley).
- Ceaglske, N. H., *Automatic process control for chemical engineers*, 1956 (Wiley).

Reference books:

- Eckman, D. P., *Industrial instrumentation*, 1950 (Wiley).
- Farrington, G. H., *Fundamentals of automatic control*, 1951 (Wiley).
- Rhodes, T. J., *Industrial instruments for measurement and control*, 1941 (McGraw-Hill).
- Young, A. J., *An introduction to automatic process control system design*, 1956 (Longmans).

466. Ore Dressing.

Pre-requisite subjects: Geology I (251) and Physical and Inorganic Chemistry IIA (234).

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 ore 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*, 1951 (Wiley).

Reference books:

Gaudin, A. M., *Principles of mineral dressing*, 1939 (McGraw-Hill).

Taggart, A. F., *Handbook of mineral dressing*, 1945 (Wiley).

Sutherland, K. L., and Wark, I. W., *Principles of flotation*, 1955 (Australasian Institute of Mining & Metallurgy).

Michell, F. B., *The practice of mineral dressing*, 1950 (Electrical Press).

467. Applied Physical Chemistry.

Pre-requisite subjects: Inorganic and Physical Chemistry IIA (234) and Pure Mathematics IIB (205).

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*, 1955 (C.U.P.).

Reference books:

Hougen, O. A., and Watson, K. M., *Chemical process principles*, 3 vols. (Wiley).

Kirkbridge, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).

Glasstone, S., *Textbook of physical chemistry*, 2nd edition, 1947 (Macmillan).

471. Mining Engineering I.

Pre-requisite subjects: Geology I (251), Engineering Drawing II (482), and if Surveying IA (484) has not been passed, it must be taken concurrently.

The course consists of two lectures a week throughout the year, and is 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.

Books:

(a) Recommended for 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).

(b) Prescribed 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 & Co.).

(c) Reference books:

(i) Statistics.

Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann Ltd.).

Peatman, J. G., *Descriptive and sampling statistics* (Harper and Bros.).

(ii) Drilling.

Cumming, J. D., *Diamond drill handbook* (Smith & Sons).

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.

Dupont de Nemours, E. I., and Co., Inc., *Blasters handbook*.

Barab, J., *Modern blasting in quarries and open pits* (Hercules Powder Co.).

(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.

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 & McKeown, *Coal mining in Australia* (Tait Publishing Co. Pty. Ltd.).

Statham, I. C. F., *Coalmining* (English Univ. Press Ltd.).

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.).

472. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (471), Strength of Materials (436), Hydraulics (434).

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.

Books:

(a) Recommended for preliminary reading:

- Jenkin, A. K. H., *The Cornish miner* (Allen and Unwin).
 Rickard, T. A., *Man and metals* (2 vols.) (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).

(b) Prescribed text-books:

- Peele, R., *Mining engineers' handbook* (2 vols.) (3rd ed.) (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).

(c) Reference books:

(i) Statistics.

- Lambe, C. G., *Elements of statistics* (Longmans).
 Dixon, W. J., and Massey, F. J., *Introduction to statistical analysis* (McGraw-Hill).

(ii) Hoisting.

- Wire ropes in mines* (Institution of Mining and Metallurgy).
 Broughton, H. H., *Electric winders* (F. N. Spon Ltd.).

(iii) Mine ventilation.

- Penman, D., and J. S., *Principles and practice of mine ventilation* (Griffin and Co.).
 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).

(iv) Economics.

- Hoover, T. J., *The economics of mining* (Stanford Univ. P. and O.U.P.).
 Chambers, R. J., *Financial management* (Law Book Co. of Aust.).
 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. 1947. Institution of Mining Engineers and Institution of Mining and Metallurgy.
Safety Code (Transvaal Chamber of Mines).
 McAdam, R., and Davidson, D., *Mine rescue work* (Oliver & 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 Univ. Press).

(ix) Mine surveying.

- Metcalfe, J. E., *Mining engineers' survey manual* (Electrical Press).
 Winiberg, F., *Metalliferous mine surveying* (Mining Pub. Ltd.).
 Winiberg, F., *Surveying calculations* (Mining Pub. Ltd.).
 Staley, W., *Introduction to mine surveying* (Stanford Univ. Press).
 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*.

476. Mining, Metallurgical and Chemical Engineering Trip.

During the May or August vacation students are taken to visit mines and industrial plants in South Australia, or in other States. Each trip lasts for one or two weeks, and students pay their own costs.

481. Engineering Drawing I.

The work covered is a course of plane and solid geometry, perspective projection, and dimensioned sketching. Students must, before commencing the course, provide themselves with an approved set of drawing instruments.

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, involutes, cycloids.

Solid Geometry: First and third angle projections of points, lines, surfaces, and simple solids; true shapes of surfaces in any plane applied to pyramids and cones; true lengths of lines applied to surface development; plans and elevations of intersecting solids and their envelopes; stretch-outs of pipes; development of irregular surfaces by triangulation; auxiliary projection and rotation; isometric, dimetric, and trimetric projections and drawings of simple parts.

Perspective: A brief outline of the principles of perspective drawing; definitions and terms; simple problems on surfaces, prisms, cubes.

Dimensioned Sketching: Freehand sketching of simple parts showing views and sections necessary to portray the object completely; dimensioning of sketches.

Text-books:

- French, T. E. & Vierck, C. J., *Manual of engineering drawing*, 8th edition, 1953, (McGraw-Hill).
Australian standard engineering drawing practice, (S.A.A. Code No. CZ1-1951).

482. Engineering Drawing II.

Pre-requisite subjects: Engineering Drawing I (481) and Pure Mathematics I (201). If Strength of Materials (436) has not already been passed, it must be taken concurrently.

The course consists of a one hour lecture and three hours drawing office work throughout the year.

Design principles, procedure and standards, limits and fits, welded, riveted and screwed joints, mechanical transmission of power, bearings, shafting, couplings and clutches, springs.

Text-books:

- Maleev, V. L., and Hartman, J. B., *Machine design* (International) (3rd ed.).
 B.S.S. 308, *Engineering drawing practice*.
 Reference books:
 Faired, V. M., *Design and machine elements* (Macmillan).
 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).
Mechanical world yearbook.
British standard specifications (B.S.I.).
Australian standard specifications (S.A.A.).

491. First Aid.

Candidates for the degree of B.E. are required to produce evidence of their having satisfactorily completed a course of instruction in First Aid approved by the Council. They may either qualify for the certificate of the St. John Ambulance Association or satisfactorily complete a special course arranged for Engineering students by the University.

492. General Engineering.

All candidates are required in the first year to attend a short course of lectures intended to provide a descriptive survey of the various major branches of Engineering, including their historical development. The departments of Civil, Mechanical, Electrical, Mining, Metallurgical and Chemical, and Architectural Engineering each provide part of the course. There is no examination, but attendance is required for at least 75 per cent. of the lectures.

493. Industrial Engineering.

Financial principles and their application to engineering; contracts; industrial organisation and administration; production engineering; production and material control; time and operation study; methods of wage payment; plant layout; principles of cost accounting.

Text-book:

- Cornell, W. B., *Organisation and management* (Ronald); or
 Bethel, L. L., and others, *Industrial organisation and management*
 (McGraw-Hill).

Reference books:

- Maynard, H. B. (ed.), *Industrial engineering handbook* (McGraw-Hill).
 Alford, L. P. (ed.), *Cost and production handbook* (Ronald).
 Bullinger, C. E., *Engineering economic analysis* (McGraw-Hill).

497. 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.

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. Honours Electrical Engineering candidates also attend a course in Elementary Theory of Probability and Statistics (Course 220). 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.

FACULTY OF LAW.

I. Elements of Law (501).

- (a) The forms of law, written and unwritten (common law, equity, statutes, custom, etc.).
 (b) Principles of legal interpretation.
 (c) Outline of the constitution and jurisdiction of Australian courts.
 (d) Outline of the growth of English courts.

Text-books:

- Phillips, O. H., *A first book of English Law* (3rd ed.) (Sweet and Maxwell).
 Hanbury, H. G., *English courts of law* (O.U.P.).
 Williams, G. L., *Learning the law* (5th ed. with Australian supplement) (Stevens).

Reference books (available in the Library):

- Baalman, J., *Outline of law in Australia* (Law Book Co. of Aust.).
 Allen, C. K., *Law in the making* (O.U.P.).
 Pollock, F., *First book of jurisprudence* (Macmillan).
 Maitland, F. W., *The forms of action at common law* (C.U.P.).
 Beal, E., *Cardinal rules of legal interpretation* (Stevens).
 Sutton, R., *Personal actions at common law* (Butterworth).
 Plucknett, T. F. T., *Concise history of the common law* (Butterworth).
 Potter, H., *Historical introduction to English law* (Sweet and Maxwell).
 Holdsworth, W. S., *History of English law*, Vol. I (4th ed.) (Methuen).
 Windeyer, W. J. V., *Lectures on legal history* (2nd ed.) (Law Book Co. of Aust.).
 Radcliffe, G. R. Y., and Cross, G., *English legal system* (3rd ed.) (Butterworth).
 Allen, C. K., *The Queen's peace* (Stevens).
 Association of American Law Schools, *Select essays in Anglo-American legal history*, vol. 2 (Little Brown and Co.).

Note: Students will be expected to have read the text-books before the beginning of lectures.

2. Constitutional Law, Part I (502).

- (a) English constitutional law and history.
 (b) The development of responsible government in the British Empire, and contemporary inter-Commonwealth relations.
 (c) International law in so far as it relates to Australia.
 (d) The constitution of South Australia.

Text-books:

Wade, E. C. S., and Phillips, G. G., *Constitutional law* (4th ed.) (Longmans).

Jennings, W. I., *Law and the constitution* (Univ. of London pr.).

Reference books:

Dicey, A. V., *Introduction to the study of the law of the constitution* (9th ed. or later) (Macmillan).

Keir, D. L., and Lawson, F. H., *Cases in constitutional law* (4th ed.) (O.U.P.).

Amos, M., *The English constitution* (Longmans).

Starke, J. G., *An introduction to international law* (2nd ed.) (Butterworth).

Evatt, H. V., *The King and his dominion governors* (O.U.P.).

Taswell-Langmead, T. P., *English constitutional history* (10th ed.) (Sweet and Maxwell).

Phillips, O. Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).

Note: Students will be expected to have read Jennings, W. I., *Law and the constitution*, before the beginning of lectures.

3. Criminal Law (503).

- (a) General principles of criminal law.
 (b) Specific crimes.
 (c) Statutes and reports of cases, specially prescribed in lectures.

Text-books:

Either Kenny, C. S., *Outlines of criminal law* (16th ed.) (C.U.P.), or Cross, R., and Jones, P. A., *An introduction to criminal law* (3rd ed.) (Butterworth).

Reference books:

Russell, W. O., *Treatise on felonies and misdemeanours* (10th ed.) (Stevens).

Stephen, J. F., *Digest of the criminal law* (9th ed.) (Sweet and Maxwell).

Stephen, J. F., *History of the criminal law of England* (Macmillan).

Barry, Paton, and Sawyer, *An introduction to the criminal law in Australia* (Macmillan).

Royal Commission on Capital Punishment, *Report, 1949-1953*, Comd. 8932 (H.M.S.O.).

Glanville Williams, *Criminal law* (Stevens).

Hall, J., *Principles of commercial law* (The Bobbs-Merrill Co.).

4 and 5. (504 and 505).

See Regulations 3 (a) (iv) and (v) of the LL.B. Regulations; candidates who wish to present subjects other than those named in the Regulations must make written application to the Dean of the Faculty.

6. The Law of Contract (507).

- (a) General principles of the law of contract, excluding agency.
- (b) Statutes and reports of cases specially prescribed in lectures.

Text-book:

Cheshire, G. C., and Fifoot, C. H. S., *Law of contract* (5th ed.) (Butterworth).

Reference books:

Chitty, *Contracts* (Sweet and Maxwell).

Williston, *A treatise on the law of contracts* (revised ed.) (Baker, Voorhis).

The restatement of Contract (American Law Institute).

Corbin on contracts (West Publishing Co.).

7. The Law of Torts (508).

- (a) General principles of the law of torts.
- (b) Specific torts.
- (c) Statutes and reports of cases specifically prescribed in lectures.

Text-books:

Winfield, P. H., *Text-book of the law of tort* (6th ed.) (Sweet and Maxwell).

Morison, W. L., *Cases on torts* (Law Book Co. of A/sia).

Reference books:

Salmond, J., *Law of torts* (11th ed.) (Sweet and Maxwell).

Pollock, F., *Law of torts* (15th ed.) (Stevens).

Clerk, J. F., and Lindsell, W. H. B., *Law of torts* (10th ed.) (Sweet and Maxwell).

Williams, G. L., *Joint torts and contributory negligence* (Stevens).

Wright, C. A., *Cases on the law of torts* (Butterworth).

Prosser, W. L., *Handbook of the law of torts* (West. Publshg. Co.).

Smith, Y. B., and Prosser, W. L., *Cases and materials on torts* (The Foundation Press Inc.).

8. The Law of Property (509).

- (a) Principles of the law of real and personal property, and particularly: estates in land, equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, and the general principles of personal property.
- (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.

Reference books:

Cheshire, G. C., *Modern law of real property* (6th ed.) (Butterworth).

Williams, J., *Principles of the law of personal property* (18th ed.) (Sweet and Maxwell).

Megarry, R. E., *A manual of the law of real property*, 1949 (Stevens and Sons).

Kerr, D., *Australian land titles (Torrens) system* (Law Book Co. of Aust.).

Baalman, J., *Torrens system in N.S.W.* (Law Book Co. of Aust.).

Jessup, G. A., *Forms and practice of lands titles office of S.A.* (2nd ed.) (Law Book Co. of Aust.).

Goodeve, L. A., *Modern law on personal property* (9th ed. by R. H. Kersley).

Morris and Leach, *The rule against perpetuities* (Stevens).

9. Constitutional Law, Part II (510).

- (a) The constitution of the Australian Commonwealth.
- (b) English and Australian administrative law.
- (c) Australian treaty-relations with foreign states, and participation in international organizations.

Text-book:

Sawer, G., *Cases on the constitution of the Commonwealth of Australia* (Law Book Co. of Aust.).

Reference books:

Knowles, G. S., *Commonwealth of Australia constitution act* (Canberra).
 Phillips, O. Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).
 Wynes, W. A., *Legislative and executive powers in Australia* (Law Book Co. of Aust.).
 Nicholas, H. S., *Australian constitution* (Law Book Co. of Aust.).
 Else-Mitchell, R., *Essays on the Australian constitution* (Law Book Co. of Aust.).
 Allen, C. K., *Law and orders* (Stevens).
 Sieghart, M.A., *Government by decree* (Stevens).
 Robson, W. A., *Justice and administrative law* (Stevens).
 Friedmann, W., *Principles of Australian administrative law* (M.U.P.).

10. Jurisprudence (512).

- (a) The philosophy of law.
- (b) Historical and analytical jurisprudence.

Text-books:

Paton, G., *A text-book of jurisprudence* (2nd ed., O.U.P.).
 Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Reference books:

Allen, C. K., *Law in the making* (5th ed., 1951, O.U.P.).
 Cardozo, *The nature of the judicial process* (1948, Y.U.P.).
 d'Entrèves, *Natural law* (1951, Hutchinsons Uni. Library).
 Diamond, *The evolution of law and order* (1951, Watts).
 Friedmann, *Legal theory* (3rd ed., 1953, Stevens).
 Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).
 Salmond, *Jurisprudence* (10th ed., 1947, Sweet and Maxwell).
 Stone, J., *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, *History of political theory*, especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

11. Roman Law (513).

A course of lectures extending over two terms on the following topics:

- (a) A general outline of Roman private law.
- (b) The Roman Law of Sale, studied in comparison with the law of sale of goods in South Australia.

Text-books:

Turner, J. W. C., *Introduction to the study of Roman private law* (Bowes and Bowes).

(This book should be read before lectures begin.)

Gaius (ed. de Zulueta) (2 vols.) (O.U.P.).

(Students will be referred to selected texts.)

de Zulueta, *The Roman law of sale* (O.U.P.).

(Students will be referred to selected texts.)

Chalmers, *Sale of goods* (12th ed., Butterworth).

Reference books:

Buckland, *A text-book of Roman law* (C.U.P.).

Jolowicz, *Historical introduction to the study of Roman law* (2nd ed., C.U.P.).

Justinian's Institutes (ed. Moyle, O.U.P.).

Schulz, F., *Classical Roman law* (O.U.P.).

Lee, R. W., *The elements of Roman law* (3rd ed., Sweet and Maxwell).

In the examination in this subject, passages from the selected texts will be set for comment.

12. Legal History (514).

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects, but students may be asked questions in the examination outside the scope of the subjects selected each year to be discussed in the lectures. The lecture subjects for the year 1957 will be:

- (a) Trespass and Case.
- (b) The History of Contract.
- (c) Uses and Trusts.
- (d) Corporations.

Text-books:

There is no one text-book which within a short compass deals adequately with all the subjects to be discussed. But students should provide themselves with the following work which deals with subjects (a) and (b).

Fifoot, C. H. S., *History and sources of the common law* (Stevens).

Reference books:

Holdsworth, W. S., *A history of English law*, especially volumes 3, 4, 7 and 8 (Methuen).

Holdsworth, W. S., *Historical introduction to the land law* (O.U.P.).

Plucknett, T. F. T., *Concise history of the common law*, 4th ed., 1948 (Butterworth).

Ames, J. B., *Lectures on legal history* (Harvard U.P.).

Pollock, F. and Maitland F. W., *History of English law* (2 vols., C.U.P.).

Holmes, O. W., *The common law* (Little Brown and Co.).

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* (Sweet and Maxwell).

Association of American Law Schools, *Select essays in Anglo-American legal history* (3 vols., Little Brown and Co.).

Cooke, C. A., *Corporation, trust and company* (Manchester U.P.).

13. Equity (515).

- (a) Such of the following special subjects as may be chosen by the lecturer:— (1) Terms of years; (2) The principles of equity and equitable estates and interests; (3) Trusts; (4) Mortgages; (5) Bills of sale; (6) Administration of deceased persons' estates; (7) Married women's property; (8) The principles of conveyancing.
- (b) The Statutes relating to the special subjects and referred to in the lectures.
- (c) Reports of cases specially prescribed in lectures.

Text-books:

Snell, E. H. T., *Principles of equity* (24th ed.) (Sweet and Maxwell).

Nathan, *Equity through the cases* (3rd ed.) (Sweet and Maxwell).

Other books on particular subjects suggested in lectures.

Reference books:

McDougall, A., *Modern conveyancing* (Pitman).

Hanbury, H. G., *Modern equity* (Stevens).

As suggested in lectures.

14. Mercantile Law (516).

A course of lectures extending over one year and dealing with sale of goods, negotiable instruments, bills of sale, hire purchase agreements, agency, insurance, suretyship, and such other subjects as the lecturer may choose.

Text-book:

Charlesworth, J., *Principles of mercantile law* (7th ed.) (excluding partnership and bankruptcy) (Sweet).

Reference books:

Russell, F. A. A., and Edwards, D. S., *Law relating to bills of exchange in Australia* (2nd ed.) (Sydney Law Book).

Chalmers, M. D., *Digest of the law of bills of exchange* (11th ed.) (Stevens).

Hanbury, H. G., *Principles of agency* (Stevens).

Byles, J. B., *Treatise of the law of bills of exchange* (21st ed.) (Sweet and Maxwell).

- Smith, J. W., *Compendium of mercantile law* (13th ed.) (Stevens).
 Dean, A., *Law relating to hire purchase in Australia* (2nd ed.) (Sydney Law Book).
 Benjamin, J. P., *Treatise on the law of sale of personal property* (8th ed.) (Sweet and Maxwell).
 Anson, W. R., *Principles of the English law of contract* (20th ed.) (O.U.P.).
 Bowstead, W., *Digest of the law of agency* (10th ed.) (Sweet and Maxwell).
 Rowlatt, S. A., *Law of principal and surety* (3rd ed.) (Sweet and Maxwell).

Private International Law (517).

This course will not be given in 1958.

The Law Relating to Companies, Partnership, Bankruptcy, and Divorce (518).

A course of lectures dealing with these subjects extending over one year.

Reference books:

- Pollock, F., *Digest of the law of partnership* (Stevens).
 Charlesworth, J., *Principles of company law* (Stevens).
 Collins, C. M., *Australian company law: a handbook* (Law Book Co.).
 Lewis, A. N., *Text-book of Australian bankruptcy law* (4th ed.) (Law Book Co.).
 Young, N. S., *Bankruptcy practice in Australia* (Law Book Co.).
 And such other text-books as are suggested in class.

The Law of Evidence and Procedure (519).

The law of evidence generally. Pleading and practice in the Supreme Court and Local Court.

Text-books:

- Stephen, J. F., *A digest of the law of evidence*, 12th ed. (Macmillan).
 Cockle, E., *Cases and statutes on the law of evidence* (Sweet and Maxwell).
 Odgers, W. B., *Principles of pleading* (Stevens).

Reference books:

- Phipson, S. L., *Manual of the law of evidence* (Sweet and Maxwell).
The Annual Practice (Sweet and Maxwell).
 Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co. of Aust.).

FACULTY OF MEDICINE

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

FIRST EXAMINATION

531. Physics.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Text-books:

Students should have available one of the text-books prescribed for Course 221, together with either.

- Rogers, J. S., *Physics for medical students* (Univ. of Melb. pr.); or
 Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queens. pr.).

532. Chemistry.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Essential books:

- Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans, Green), or
 Amsden, J. P., *Physical chemistry for premedical students* (McGraw-Hill).
 Macbeth, A. K., *Organic chemistry* (Longmans).
 Brown, R. D., and O'Donnell, T. A., *Manual of elementary practical chemistry* (Melbourne U.P.).

533. Biology.

The course will be that prescribed for Biology (269).

SECOND EXAMINATION

541. 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 mechanisms; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about twelve 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 recommended:

- Mitchell, P. H., *Textbook of biochemistry* (latest ed) McGraw-Hill) or
 Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).
 Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders), or
 Kleiner, I. S., *Human biochemistry* (2nd ed.) (Kimpton).
 Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

Reference book:

- Cantarow, A., and Trumper, M., *Clinical biochemistry* (4th ed.) (Saunders).

542. Embryology and Histology.

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:

- Maximow, A. A., and Bloom, W., *A text-book of histology* (6th ed.) (Saunders); together with:
 Hamilton, W. J., and others, *Human embryology* (Heffer).
 Ford, E. B., *Genetics for medical students* (3rd ed.) (Methuen).

Recommended for further reading:

- Clark, W. E. Le Gros, *The tissues of the body* (3rd ed.) (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).
 Ham, A. W., *Histology*, 2nd ed. (Lippincott).
 Smith, C. A., *The physiology of the newborn infant* (2nd ed.) Thomas).

THIRD EXAMINATION

546. 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, lecture demonstrations 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.).
 Cunningham, D. J., *Manual of practical anatomy* (3 vols.) (O.U.P.).
 Ford, E. B., *Genetics for medical students* (Methuen).

The following books are also recommended:

- Appleton, A. B., Hamilton, W. J., and Simon, G., *Surface and radiological anatomy* (latest ed.) (Heffer).
 Lockhart, R. D., *Living anatomy* (Faber).
 Maguire, F. A., *Anatomy of the female pelvis* (Angus and Robertson).
 Ranson, S. W., *Anatomy of the nervous system from the standpoint of development and function* (9th ed.) (Saunders).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

547. Human Physiology.

The course in Human Physiology extends over the second and third terms of the second year and the whole of the third year of medical study. The text-book is Bell, G. H., Davidson, J. N., and Scarborough, H., *Text-book of physiology and biochemistry*. Reference books recommended are Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox), or Toussay, B. A., *Human physiology* (McGraw-Hill), 2nd ed., 1955. For the continuation of this subject into the fourth and fifth years of medical study see syllabus no. 553.

FOURTH EXAMINATION

551. 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 thrombosis, embolism and infarction, retrograde cellular changes and degenerations, the fundamentals of the neoplastic process, haemorrhage, shock and oedema. A more detailed syllabus is issued to each student when he commences the course.

Text-book:

- Wright, G. Payling, *An introduction to pathology* (Longmans) Latest edition.

552. Bacteriology.

Morphology, physiology, cultivation, isolation and classification of bacteria of medical importance; principles of sterilisation, disinfection and chemotherapy; principles of immunology; the filterable viruses; elementary medical mycology; protozoa of medical importance. Bacteria in relation to disease: general and special bacteriological methods useful in diagnosis; collection of specimens for bacteriological and serological examination; the bacteriology, immunology and epidemiology of specific infections.

Text-books:

Fairbrother, R. W., *A text-book of bacteriology* (latest ed.). Heinemann.
Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*. (9th ed.). (Livingstone).

Reference books:

Rhodes A. J., and van Rooyen, C. E., *Text-book of virology* (latest ed.). (Thomas Nelson).
Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (4th ed.) (Arnold).

553. 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 a week in the third term of 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:

Clark, A. J., *Applied pharmacology* (Churchill).
Wright, S., *Applied physiology* (O.U.P.).

Reference books:

Goodman, L., and Gilman, A., *The pharmacological basis of therapeutics* (Macmillan).
Sollman, T., *A manual of pharmacology* (Saunders).
Wiggers, C. J., *Physiology in health and disease* (Lea and Febiger).

554. Practical Pharmacy, Pharmaceutical Materia Medica, and Posology.

The course is given during the first term of the fourth year.

An examination is held at the end of the course.

Subject-matter: Drugs of the British Pharmacopoeia which are in common use; the more important active principles of animal and vegetable drugs; the recognition of official preparations; prescription writing—weights and measures; legal restriction of narcotics and poisons; the approximate cost of medicines—incompatibility; elementary exercises in the dispensing of powders; cachets; capsules; ointments; mixtures; applications for the skin and mucous membranes.

Text-books:

Staff of the Pharmacy Department, *A guide to practical pharmacy*.
White, W. Hale, *Materia medica, pharmacy, pharmacology, and therapeutics* (Churchill).
Royal Adelaide Hospital pharmacopoeia.
Adelaide Children's Hospital pharmacopoeia.

FIFTH EXAMINATION.

561. 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:

- (i) Systematic lectures;
- (ii) Practical work in the laboratory of histopathology;
- (iii) Clinico-pathological demonstrations of selected cases, which are held weekly during term;
- (iv) 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 per annum.

Text-books:

- Cappell, D. F., *Muir's text-book of pathology* (Arnold); or
 Boyd, W., *Text-book of pathology* (Lea and Febiger).
 Hadfield, G., *Recent advances in pathology* (6th ed.) (Churchill).
 Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).

Reference books:

- Dible, J. H., and Davie, T. B., *Pathology, an introduction to medicine and surgery* (Churchill).
 Karnsner, H. T., *Human pathology* (6th ed.) (Lippincott).
 Ogilvie, R. F., *Pathological histology* (Livingstone).
 Willis, R., *Pathology of tumours* (Butterworth).
 Whitby, L. E. H., and Britton, C. J. C., *Disorders of the blood* (Churchill).
 Dyke, S. C., *Recent advances in clinical pathology* (Churchill).
 Novak, E., *Gynaecological and obstetrical pathology* (Saunders).

562. Public Health and Preventive Medicine.

The course of lectures deals with the principles of the subject and with their application in modern communities. The principal elements in a public health programme are reviewed: (1) eugenics and heredity, (2) maternal welfare and prenatal care, (3) infant welfare, (4) child welfare, (5) industrial hygiene, (6) food and nutrition, (7) water supplies, (8) personal hygiene, physical and mental, (9) communicable diseases, and the principles of epidemiology and immunity, (10) non-communicable diseases and hospital organisation, (11) sanitary engineering and housing, (12) vital statistics and demography, (13) medical research, (14) public health education, (15) military medicine, (16) international health organization (W.H.O.).

Consideration is given to the place of preventive medicine in the curriculum, to the clinical and social aspects of preventive medicine, to the role of the general practitioner in public health administration, and to the health legislation in S.A.—the Health Act, the Food and Drugs Act, the Local Government Act, the Venereal Diseases Act, the Dangerous Drugs Act, and the relevant regulations.

The course of study is divided into four parts:

1. A short introductory series of lectures dealing with the general principles of social medicine, the organisation of health services, personal hygiene, nutrition and dietetics, and medical statistics. These lectures are given to students beginning clinical work at the Royal Adelaide Hospital.
2. Lectures on public health or community hygiene, covering the principal elements in a public health programme, as listed above.
3. Lectures on the preventive aspects of clinical medicine.
4. Demonstrations and visits, including some of the following features: the quarantine station at Torrens Is., the pasteurisation of milk, air conditioning plant, a swimming pool, sewage treatment, a child health centre, abattoirs, a modern bakery, and an office of a Board of Health.

Typed summaries of the lectures are available.

Reference books:

- American Public Health Association, *Control of communicable diseases* (1955).
 Brockington, C. F., *The health of the community* (Churchill).
 Burnet, F. M., *The natural history of infectious disease* (C.U.P.).
 Davies, I. G., *Modern public health for medical students* (Arnold).
Good Health for South Australia (current issues).
 Hare, R., *Pomp and pestilence* (Gollancz).
Health Act and Regulations (South Australia).
 Rosenau, M. J., *Preventive medicine and hygiene* (Appleton).
 Ryle, J. A., *Changing disciplines* (O.U.P.).
 Smillie, *Preventive medicine and public health* (Macmillan).

563. Forensic Medicine and Toxicology.

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-books:

- Smith, S., *Forensic medicine* (Churchill, latest edition); or
 Claister, 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).
 Simpson, K., *Forensic medicine* (Livingstone).

SIXTH EXAMINATION

571. 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.

1. *Medicine.*

Text-books:

- Conybeare, Sir J. J. (ed.), *Textbook of medicine* (12th ed., 1957, Livingstone).
 Davidson, L. S. P., and others, *Principles and practice of medicine* (3rd ed., 1956, Livingstone).
 Richardson, J. S., *The practice of medicine* (1956) (J. & Churchill Ltd.).

Reference books:

- Price, F. W. (ed.), *A textbook of the practice of medicine* (8th ed., 1950) (O.U.P.).
 Cecil, R. L. F., and Loeb, R. F. (Eds.), *Textbook of medicine* (latest ed.) (Saunders).
 Stewart, Sir J. Purves, *Diagnosis of nervous diseases* (10th ed., 1952, Arnold).
 Wood, P. H., *Diseases of the heart and circulation* (2nd ed., 1952, Eyre and Spottiswoode).
 Bourne, G., *An introduction to cardiology* (1949) (Arnold).
 Coope, R., *Diseases of the chest* (2nd ed., 1948) (Livingstone).
 Molesworth, E. H., *An introduction to dermatology* (4th ed., 1944, Churchill).
 Roxburgh, A. C., *Common skin diseases* (9th ed., 1950, Lewis).
 Whitby, Sir L. E. H., and Britton, C. J. C., *Disorders of the blood* (7th ed., 1953, Churchill).
 Walshe, F. M. R., *Diseases of the nervous system* (7th ed., 1952) (Livingstone).
 Harries, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (4th ed., 1951) (Livingstone).
 Christie, A. B., *Infectious diseases* (2nd ed., 1952, Faber and Faber).

2. *Physical Signs, Diagnosis and Chemical Methods.*

Text-books:

- Hutchison, Sir R., and Hunter, D., *Clinical methods* (12th ed., 1949, Cassell).

Reference books:

- Cabot, R. C., *Physical diagnosis* (1949, Baillière, Tindall and Cox).
 Harrison, G. A., *Chemical methods in clinical medicine* (3rd ed., 1947, Churchill).
 Stokes, E. H., *Clinical investigation* (1953, Angus and Robertson).

3. *Therapeutics.*

Text-books:

- Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (6th ed., 1953, Livingstone).
 White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (29th ed., 1952, Churchill).

B. PSYCHOLOGICAL MEDICINE: The course includes:1. **PSYCHOLOGY:** Six lectures and three demonstrations at the end of the third year.

- (a) The relations between the fields of psychology and medicine.
- (b) The psychologist in medical settings.
- (c) The use and limitations of common psychological techniques.
- (d) Psychological aspects of medical interviews.
- (e) The study of attitudes in patients.
- (f) The social psychology of illness.

2. **ABNORMAL PSYCHOLOGY, MENTAL DISORDERS AND MENTAL DEFICIENCY:** 10 lectures and 2 demonstrations at the Enfield Receiving House in the first and second terms of the sixth year.

- (a) Psycho-pathology.
- (b) Disorders of cognition, affection and conation.
- (c) Mental mechanisms.
- (d) Amentia, affective psychoses; schizophrenico paranoid psychoses; confusional and tonic states; other organic psychoses.
- (e) The legal relationship of mental disorders.

Text-books:

- Eysenck, H. J., *Uses and abuses of psychology* (Pelican).
 Eysenck, H. J., *Sense and nonsense in psychology* (Pelican).
 Gordon, R. G., Harris, N. G., and Rees, J. R., *Introduction to psychological medicine* (O.U.P.).
 Henderson, D. K., and Gillespie, R. D., *Text-book of psychiatry* (7th ed., 1950, O.U.P.).

C. MEDICAL DISEASES OF CHILDREN: A course of ten lectures on infant feeding and management, and disease specially important in children; demonstrations at the Mareeba Babies' Hospital, including the actual preparation of infant foods in common use; methods of caring for premature infants. The maintenance of breast feeding at the School for Mothers.

Text-books:

- Ellis, R. W. B., *Disease in infancy and childhood* (1951) (Livingstone).
 Collins, V. L., *Infant feeding* (latest edition, Ramsay, Melb.).

572. Group II: The Science and Art of Surgery.

A. SURGERY: A course of one hundred lectures, extending over two years, in the science and art of surgery in general and special diseases and injuries.

Text-books:

- Adams, J. C., *Outline of orthopaedics* (Livingstone).
 Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).
 Rose and Carless, *A manual of surgery for students and practitioners* (Baillière, Tindall and Cox).

Reference books:

- Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).
 Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).
 McMurray, T. P., *Practice of orthopaedic surgery* (Arnold).
 Bailey, H., *Emergency surgery* (Wright).
 Maingot, R. H., *Abdominal operations* (Appleton-Century).

The instruction in practical surgery will include the application of splints, bandages, etc.

Text-book:

- Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).

Reference books:

- Farquharson, E. L., *Illustrations of surgical treatment* (Livingstone).
 Pye, W., *Surgical handicraft* (Wright).

B. OPERATIVE SURGERY AND SURGICAL ANATOMY: Instruction included in lectures on Surgery.

Text-books:

- Farquharson, E. L., *Textbook of operative surgery* (Livingstone).
 McGregor, A. L., *Synopsis of surgical anatomy* (Wright).
 Rawling, L. B., *Land marks and surface markings of the human body* (Lewis).

Reference books:

- Cunningham, D. J., *Manual of practical anatomy* (O.U.P.).
 Beesly, L., and Johnston, T. B., *Manual of surgical anatomy* (O.U.P.).
 Rowlands, R. P., and Turner, P., *The operations of surgery* (Churchill).
 Turner, C. G., and Carson, H. W. (eds.), *Modern operative surgery* (Cassell).

C. DISEASES OF THE EYE: A course 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-book:

- Wolff, E., *Diseases of the eye* (Cassell).

D. 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).

E. 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.

F. 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.

G. 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.

H. ANAESTHETICS: (i) A course of nine lectures dealing with preparation of patient—premedication (including rectal); ether anaesthesia—including signs, airway, respiration, and contra-indications; chloroform, trichlor-ethylene, ethyl chloride, intravenous anaesthesia; gas anaesthesia; spinal anaesthesia, caudal, local; choice of anaesthesia. (ii) Every student is also required to satisfy the instructors of his proficiency in administering open ether, ether through Shipway apparatus (E.N.T.), endotracheal ether, ether to children, nitrous oxide and oxygen, intravenous, spinal, and local (if possible).

Text-book:

- Minnitt, R. J., and Gillies, J., *Text-book of anaesthetics* (7th ed., 1948, Livingstone).

573. Group III: Obstetrics and Gynaecology.

A. OBSTETRICS: A course of 25 lectures given during the early part of the fifth year of the medical course covers the aspects listed below. Subsequently students live in residence at one of the obstetric teaching hospitals for a total period of eight weeks for practical training. Historical introduction; the sexual cycle; maturation and fertilisation; implantation and development of ovum;

development of placenta and membranes; functions of the placenta; diagnosis of pregnancy; anatomy and physiology of pregnancy; foetus-in-utero and definitions; normal pregnancy; mechanism and management of normal labour; the effects of labour on mother and foetus; analgesic and anaesthetic methods; puerperium, normal and abnormal; abnormal pregnancy; abnormal labour; abnormal third stage; the newborn baby, normal and abnormal; significance of the Rh factor in pregnancy; obstetric operations; forceps operation, episiotomy, termination of pregnancy and induction of labour, versions and destructions, caesarean section, preparation for childbirth; radiology in obstetrics.

Text-books:

Eden, T. W., and Holland, E. L., *Manual of obstetrics* (Churchill).
Mayes, B. T., *Text-book of obstetrics* (Australian Publishing Co.).

Reference books:

Maguire, F. A., *The anatomy of the female pelvis* (Angus and Robertson).
Browne, F. J., *Ante and post natal care* (Churchill).
Browne, F. J., *Postgraduate obstetrics and gynaecology* (Butterworth Medical Publications).
Munro-Kerr, J. M., and Chassar-Moir, J., *Operative obstetrics* (Baillière, Tindall and Cox).

B. GYNAECOLOGY: A course of 15 lectures given during the fifth year of the medical course covers the aspects listed below. Examination of patient; introductory terms in gynaecology; cause of menstruation; role of internal secretions in gynaecology; inflammations; tumours, lacerations; malformations and displacements; other gynaecological conditions; use of gynaecological instruments and appliances; gynaecological operations.

Text-books:

Berkeley, G. H. A. C. (ed.), *Diseases of women*, by Ten Teachers (Arnold).
Schlink, H. H., *Gynaecology* (Angus and Robertson).
Shaw, W., *Text-book of gynaecology* (Churchill).
Solomons, B. A. H., *Handbook of gynaecology* (Baillière, Tindall and Cox).

Reference books:

Eden, T. W., and Lockyer, C., *Gynaecology* (Churchill).
Crossen, H. S., and Crossen, R. T., *Diagnosis and treatment of diseases of women* (Mosby, St. Louis).
Te Linde, R. W., *Operative gynaecology* (Lippincott).

574. 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.

DEGREE OF MASTER OF SURGERY

PART I OF THE EXAMINATION

581. Anatomy.

The general scope of the work in Anatomy is similar to that prescribed for the degrees of M.B. and B.S., but a more accurate knowledge is required and more detail in respect of regions and structures of particular surgical or medical importance.

Embryology, Histology, and Neurology are treated as experimental and not purely descriptive sciences. Some knowledge is required of the factors underlying the growth and differentiation of the body and its organs, the histogenesis of tissues, and particular aspects of structures important as the basis of physiological and pathological processes.

The candidate is expected to show an acquaintance with modern trends in anatomical research such as can be obtained from current and recent numbers of journals, monographs, etc.

582. Physiology (including Biochemistry).

The scope of the work in physiology is that prescribed for the degrees of M.B. and B.S., excluding pharmacology, but including the physiology of the special senses. A higher standard is required than for the Bachelor's degrees, and special emphasis is laid on the application of physiology and biochemistry to surgery.

The examination consists of written papers and viva voce questions, and equal marks are allotted for each division.

Text-books:

Latest edition of

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).

Houssay, B. A., *Human physiology* (McGraw-Hill), 1955.

Wright, S., *Applied physiology* (O.U.P.).

Selections from recent monographs will be set by the Professor.

FACULTY OF DENTISTRY**DEGREE OF BACHELOR OF DENTAL SURGERY****FIRST YEAR.****601. Physics.**

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Text-books:

Students should have available one of the text-books prescribed for Course 221, together with *either*

Rogers, J. S., *Physics for medical students* (Melb. Univ. pr.); or

Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queens. pr.).

602. Chemistry.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Essential books:

Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans-Green), or

Amsden, J. P., *Physical chemistry for premedical students* (McGraw-Hill).

Macbeth, A. K., *Organic chemistry* (Longmans).

Brown, R. D., and O'Donnell, T. A., *Manual of elementary practical chemistry* (Melbourne U.P.).

603. Biology.

The course will be that prescribed for Biology (269).

604. Dental Materials and Technics I.

(a) A course of elementary instruction on dental materials and technics.

(b) A course of demonstrations and practical work at the Dental Department Royal Adelaide Hospital.

Text-book:

Skinner, E. W., *The science of dental materials* (4th ed.) (Saunders).

SECOND YEAR.**611. Anatomy.**

This consists of a course of systematic lectures, demonstrations, and practical work. The course 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.

The course occupies three terms.

Text-book recommended:

Cunningham, D. J., *Manual of practical anatomy*, vol. iii. (O.U.P.).

612. Histology.

A course of lectures, demonstrations and practical classes in histology extending over three terms and including a special course on the microscopic anatomy and development of the teeth and face.

Text-books recommended:

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).
Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).
Widdowson, T. W., *Special or dental anatomy* (Staples).

613. Junior Dental Anatomy.

- (a) A course of instruction on human teeth, deciduous and permanent; their notation, structure, morphology, arrangement, and occlusion.
- (b) A course of practical work at the Dental Department, Royal Adelaide Hospital. A study of teeth by drawing, carving, and section-cutting.

Text-books:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).
Black, G. V., *Descriptive anatomy of the human teeth* (White dental manufacturing co.).

Reference book:

Schwartz, J. R., *Practical dental anatomy and tooth carving* (Dental items of interest publishing co.).

614. Biochemistry.

A course of lectures and practical work on general biochemistry during one term.

Text-book:

Mitchell, M. L., *Practical biochemistry for medical students* (Hassell).

Reference books:

Thorpe, W. V., *Biochemistry for medical students*, 4th ed. (Churchill); or Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or Haurowitz, F., *Biochemistry* (Chapman and Hall).

615. Physiology.

A course of lectures and practical work extending over two terms dealing with (1) the mechanisms of movement and sensation, and the physiology of digestion; (2) the circulation and respiration, secretory and excretory functions as exemplified in particular by the salivary glands and the kidneys.

Text-books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).
Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

616. Dental Materials and Technics II.

- (a) A course of instruction on the rudiments of dental mechanics and the properties of dental materials.
- (b) A course of elementary instruction on the structure of metals and their physical and mechanical properties.
- (c) A course of demonstrations and practical work at the Dental Department of the Royal Adelaide Hospital.

Text-books:

Skinner, E. W., *The science of dental materials* (4th ed.) (Saunders).
Osborne, J., *Dental mechanics for students* (3rd ed.) (Staples).

THIRD YEAR.

621. General and Dental Bacteriology.

A course of lectures and practical work designed to give instruction on the general principles of bacteriology and immunity as applied to dental practice. The course covers the following:—Morphology, physiology, cultivation and isolation of bacteria; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative genera of bacteria with particular reference to those involved in dental and oral infections.

Text-books:

- Fairbrother, R. W., *Textbook of medical bacteriology* (7th ed., Heinemann).
Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (9th ed., Livingstone).

622. Pathology.

GENERAL PATHOLOGY: A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, pyogenic organisms, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

Text-book:

- Montgomery, G. L., *Pathology for students of dentistry* (Livingstone 1953).

Reference books:

- Boyd, W., *Text-book of pathology* (Lea and Febiger).
Dible, J. H., and Davie, T. B., *Pathology: an introduction to medicine and surgery* (Churchill).
Kettle, E. H., *Pathology of tumours* (Lewis).
Ogilvie, R. F., *Pathological histology* (Livingstone).

623. Dental Patho-histology.

DENTAL PATHO-HISTOLOGY: A course of instruction dealing with microscopic examination of dental and surrounding tissues in diseases of the teeth.

Text-books:

- Orban, B. J., and Wentz, F. M., *Atlas of clinical pathology of the oral mucous membrane* (C. V. Mosby).
Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Reference books:

- Stones, H. H., *Oral and dental diseases* (Livingstone).
Pickerill, H. P., *Prevention of dental caries and oral sepsis* (Baillière, Tindall and Cox).

624. Dental Metallurgy.

A course of approximately twenty lectures and practical demonstrations dealing with:

- (1) Phase equilibrium diagrams for alloys system.
- (2) Iron and its alloys with special reference to dental and surgical tool steels and stainless ferrous alloys.
- (3) Age-hardenable precious metal alloys and cobalt-chromium base alloys, their properties, working and heat treatment.
- (4) Amalgam alloys and dental amalgams.
- (5) Joining processes in dental work, dental solders and fluxes.
- (6) Casting and fabrication of dental alloys.
- (7) Corrosion of dental materials.

Text-book:

- Skinner, E. W., *The science of dental materials*, (W. B. Saunders Coy., Philadelphia and London, 1954).

625. Senior Dental Anatomy.

A course of instruction on human and comparative dental anatomy. Teeth: their origin, development, form, eruption, and function. Associated structures: periodontal, alveolar process, the palate and oral cavity. Temporo-mandibular articulation, mandibular movements and the mechanism of mastication. Nerve and blood supply. Physiology of the mouth.

Text-book:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

Underwood, A. S., *Aids to dental anatomy and physiology* (Wood).
Shapiro, H. H., *Applied anatomy of the head and neck* (Lippincott, 1943).
Sicher, H., *Oral anatomy* (Mosby, 1949).

626. Dental Materia Medica.

An introductory course of instruction on the application of drugs relating to the practice of dentistry.

Text-book:

Dilling, W. J., and Hallam, S., *Dental materia medica, pharmacology, and therapeutics* (4th ed., Cassell).

627. Prosthetic Dentistry I.

(a) A course of instruction on full denture prosthesis, partial denture prosthesis and metal casting technics.

(b) A course of demonstrations and practical work at the Dental Department, Royal Adelaide Hospital.

Text-book:

Swenson, M. G., (Ed.), *Complete dentures* (C. V. Mosley Company).

Reference books:

Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).
Cabell, D. P., *Prosthetic dentistry* (O.U.P.).
Turner, C. R., and Anthony, L. P. (eds.), *American text-book of prosthetic dentistry* (Lea and Febiger).

628. Conservative Dentistry I.

A course of lectures, demonstrations and practical work on instruments and materials; the filling of teeth, temporary fillings, permanent fillings, gold fillings, amalgam fillings, synthetic cement fillings, and inlays; root canal treatments and root canal fillings; prophylactic and scaling treatment; X-ray technics.

Text-book:

Gabel, Arthur B., (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).

Reference books:

Black, G. V., *Operative dentistry* (section dealing with technical procedure in filling teeth) (Kimpton).
Brauer, Higley, Massler and Schour, *Dentistry for children*, 2nd ed. (Blakiston).
Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

FOURTH YEAR.

631. 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, Oxford).

Bailey, H., *Clinical surgery for dental practitioners* (Lewis).

Reference book:

Blair, V. P., Ivy, R. H., and Brown, J. B., *Essentials of oral surgery* (St. Louis: The C. V. Mosby Co.).

632. General Medicine.

A special course of lectures and clinical instruction 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:

Comroe, B. I., Collins, L. H., and Crane, M. P., *Internal medicine in dental practice* (Kimpton).

Reference books:

Conybeare, J. J., *Text-book of medicine* (Livingstone).

Price, F. W., *Text-book of practice of medicine* (O.U.P.).

633. Oral Pathology.

A course of instruction on the principles of clinical, dental and oral pathology; manifestations of diseases of the dental and oral tissues; systemic effects of oral infection; oral manifestations of general diseases. Diagnosis of oral conditions.

Text-books:

Stones, H. H., *Oral and dental diseases* (2nd ed.) (Livingstone).

U.S. National Naval Medical Center, *Colour atlas of oral pathology* (J. B. Lippencott).

Reference books:

Thoma, K. N., *Oral pathology*.

Fish, E. W., *Surgical pathology of the mouth*.

634. Prosthetic Dentistry II.

- (a) A course of instruction on the principles of partial denture prosthesis.
- (b) A course of demonstrations and practical work at the Dental Department, Royal Adelaide Hospital.

Text-book:

Swenson, M. G. (Ed.), *Complete dentures* (The C. V. Mosby Co.).

Reference books:

Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).

Gabell, D. P., *Prosthetic dentistry* (O.U.P.).

Turner, C. R., and Anthony, L. P. (eds.), *American textbook of prosthetic dentistry* (Lea and Febiger).

Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).

Wilson, J. H., *Partial dentures* (Angus and Robinson).

Applegate, O. C., *Essentials of removable partial denture prosthesis* (W. B. Saunders Company).

635. Crown and Bridge Prosthesis.

- (a) A course of lectures and other instruction on the fundamentals of crowns and bridges, their classification, application, construction, and repair.
- (b) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-books:

Doxtater, L. W., *Procedures in modern crown and bridge work* (Dental items of interest pub. co.).

Tylman, S. D., and Peyton, F. A., *Acrylics and other dental resins* (Lippincott).

Kennedy, E., *Partial denture construction* (Dental items of interest pub. co.).

Tylman, S. D., *Crown and bridge prosthesis* (Mosby).

636. Orthodontics I.

A course of instruction, demonstrations, and practical work.

637. Dental Materia Medica, Pharmacology, and Therapeutics.

A course of instruction on the names, sources, physical character, chemical properties, preparation, doses, physiologic action, and application of the important drugs relating to the practice of dentistry; prescription-writing.

Text-book:

Dobbs, E. C., and Prinz, H., *Pharmacology and dental therapeutics* (10th ed.) (Mosby).

638. Conservative Dentistry II.

A course of instruction in the clinical application of operative techniques and radiography in conservative procedures.

Text-books:

Cabel, Arthur B., (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).

Grossman, I., *Root canal therapy* (3rd ed., 1950) (Lea and Febiger).

McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

639. Children's Dentistry.

A course of instruction on the treatment of injuries and diseases of children's teeth; methods and materials used; child management.

Text-books:

Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).

McBride, W. C., *Juvenile dentistry* (4th ed.) (Lea and Febiger).

640. Preventive Dentistry.

A course of instruction on the dentitions of native and civilised peoples; the function of mastication; diet and nutrition in relation to dental health and disease; the maintenance of a healthy functioning dentition.

Text-book:

Great Britain, Ministry of Food, *Manual of nutrition*, 1953 (H.M.S.O., London).

Reference books:

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology*, 1951 (C. V. Mosby, St. Louis).

Clements, F. W., (and others), *Diet and nutrition for the Australian people*, 1945 (Angus and Robertson).

Plimmer, R. H., and Plimmer, V. G., *Food, health, vitamins* (9th ed. 1943) (Longmans Green and Co.).

640a. Oral Diagnosis and Treatment Planning.

Principles of oral diagnosis and treatment planning. Applied oral anatomy and physiology; examination methods; analysis of records; planning treatment.

FIFTH YEAR.**641. Anaesthesia.**

A course of lectures and demonstrations on local and general anaesthetics.

Text-book:

Kaye, G., Orton, R. H., and Renton, D. G., *Anaesthetic methods* (Ramsay).
American Dental Association, *Accepted dental remedies* (latest edition).

642. Prosthetic Dentistry III.

(a) A course of instruction on splints, obturators, and appliances used in oral prosthesis.

(b) A course of practical work at the Dental Department, Royal Adelaide Hospital.

Text-books:

Schlosser, R. O. (Ed.), *Complete denture prosthesis* (W. B. Saunders Co.).

Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).

Reference books:

Gabell, D. P., *Prosthetic dentistry* (O.U.P.).

Turner, C. R., and Anthony, L. P. (eds.), *American text-book of prosthetic dentistry* (Lea and Febiger).

643. Orthodontics II.

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.

Text-books:

- Angle, E. H., *Treatment of mal-occlusion of the teeth* (White Dental Manufacturing co.).
 Brash, J. C., *Four lectures on the aetiology of irregularity and mal-occlusion of the teeth* (Dental Board of the United Kingdom, 1929).
 Strang, R. H. W., *Text-book of orthodontia* (3rd ed.) (Lea and Febiger).

644. Dental Jurisprudence.

A short course of lectures dealing briefly with this subject.

645. Public Dental Health.

A short course of lectures on dentistry in its relation to public dental health and dental health services, and public education on dental health.

646. Oral Surgery.

A course of instruction on surgical procedures on teeth and oral tissues; treatment of jaw fractures; and techniques of local anaesthetic administration.

Text-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 Pub. Co.).

Reference book:

- Rowe, N. L., and Killey, H. C., *Fractures of the facial skeleton*.

647. Periodontia.

A course of instruction on diseases of the gums embracing their aetiology, symptoms, diagnosis, pathology and treatment.

Reference books:

- Colyer, J. F., and Sprawson, E. C., *Dental surgery and pathology*, 8th ed. (Longmans).
 Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).
 Merritt, A. H., *Periodontal diseases—diagnosis and treatment* (Macmillan and Co.).
 Fish, E. W., *Parodontal diseases* (2nd ed. 1952) (Eyre and Spottiswoode).
 Glickman, I., *Clinical periodontology* (W. B. Saunders & Co., 1953).

648. Conservative Dentistry III.

Clinical instruction on advanced operative techniques; children's dentistry; preventive dentistry; oral diagnosis and treatment planning.

MINIMUM PRACTICAL REQUIREMENTS

NOTE.—All work is to be completed in the Hospital, wholly by the student himself, under the supervision of the appointed instructor.

The student, before commencing any year's work, must possess all the instruments on the official list, approved by the demonstrator in charge.

FIRST YEAR**DENTAL MATERIALS AND TECHNICS I.**

Attend demonstrations and do the following practical work: Care and use of equipment, manipulation of wax, plaster of paris and hydrocol; manipulation of rubber and synthetic resins.

SECOND YEAR.**JUNIOR DENTAL ANATOMY.**

Attend the classes in practical tooth morphology, and do practical work in the following subjects:—

1. Drawing from specimen teeth.
2. Modelling and carving teeth.
3. Section cutting.

DENTAL MATERIALS AND TECHNICS II.

Attend demonstrations and do the following practical work: Manipulation of rubber and synthetic resins; denture repair technics; manipulation of metals; dental casting technics; elementary full denture technics.

THIRD YEAR.

CONSERVATIVE DENTISTRY TECHNICS.

Attend demonstrations and do practical work in the following:—

1. Equipment: inspection; its care and use.
2. Sterilisation.
3. Instrument design and use.
 - (a) Classification of instruments; hardening, tempering, sharpening.
 - (b) Study of finger positions.
 - (c) Use of hand instruments.
4. Cavity preparation.
5. Use of various filling materials in simple fillings.
6. Use and adjustment of matrices.
7. Use of materials in compound fillings.
8. Use of drugs.
9. Examination of teeth and detection of caries by X-rays.
10. Root canal treatment.
11. Chairside procedures.
12. Attend clinical instruction and practical work on simple cases during the third term.

PROSTHETIC DENTISTRY I.

Attend instruction and do the following practical work:—Full denture technics; construction of special impression trays; model duplication; electroforming technics; reconstruction and rebasing technics; partial denture technics. Introduction to clinic practice.

FOURTH YEAR.

Each student must attend on the days allotted to him for instruction in the following subjects and do the required practical work in each group as set out below:

Oral diagnosis and treatment planning.
Radiography.
Examination reports.

CONSERVATIVE DENTISTRY.

1. Plastic restorations; amalgam; silicate cement.
2. Gold restorations.
3. Inlays.
4. Pulp and root canal treatment.
5. Scaling cases.

ORAL SURGERY

Preliminary instruction in local anaesthesia techniques and the removal of teeth under local and general anaesthesia.

PROSTHETIC DENTISTRY II.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Pre-extraction records.
3. Exercises in immediate denture construction.
4. Exercises in partial denture construction.
5. Partial dentures for patients.
6. Relining and rebasing full dentures for patients.

CROWN AND BRIDGE PROSTHETICS.

Carry out the following work:—

1. Crowns: shell, Richmond, jacket, threequarter, Davis.
2. Fixed partial prosthesis: simple, complex.
3. Removable partial prosthesis: simple, complex.
4. Facings, pontics, abutments.
5. Repairs.

All work to be done mounted with contiguous teeth standing.

ORTHODONTIC TECHNICS.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

FIFTH YEAR.

Each student shall attend on the days allotted to him for instruction in the following subjects, and must do practical work in each group as set out below:

Oral diagnosis and treatment planning.
Radiography.
Examination reports.

CONSERVATIVE DENTISTRY.

1. Plastic restorations; amalgam; silicate cement.
2. Gold restorations.
3. Inlays.
4. Pulp and root canal treatment.
5. Periodontal treatments.

ANAESTHETICS.

Attend demonstrations on the days allotted and do administrations of anaesthetics.

ORAL SURGERY.

Perform operations in the following:

Extractions, surgical removal of impacted teeth and root fragments, gingivectomy, alveolectomy, root resection, jaw fractures and treatment of post-operative complications.

PROSTHETIC DENTISTRY III.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Partial denture construction for patients.
3. Immediate denture construction for patients.
4. Construct splints for fractured jaws.
5. Construct appliances for cleft palates.

When suitable patients are not available, exercises will be set by the Reader.

ORTHODONTIA.

Treat allotted cases of simple and complicated mal-occlusion.

Record models to be made before and after treatment and lodged in model case.

Students to carry on the treatment as long as time will permit.

DEGREE OF MASTER OF DENTAL SURGERY

At the beginning of each year during which he proposes to undertake work for the degree a candidate shall notify the Faculty of the subject or subjects he desires to study during the year.

A candidate who desires any adjustment in the general requirements prescribed or in the special work to be undertaken shall submit the adjustment desired to the Faculty for approval as early in the year as possible.

A candidate will be required to carry out in each subject, under the direction of the Professor or Supervisor concerned, a course of study which will include exercises and practical work.

A candidate will be required to submit, not later than two weeks prior to the examination, a typewritten report on the practical work carried out during each year.

PART I OF THE EXAMINATION

651. Physics.

A course of reading in elementary physics with special reference to dentistry and medicine, including more detailed study—and experimental work when specified—of selected topics such as capillarity, diffusion and osmosis; properties of materials, strength, elasticity, fatigue, and effects of temperature; physical principles of electrolysis, diathermy, X-rays, radiography, sterilisation by ultra-violet light, etc.

For reading:

Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queensland); and subjects dealing with the application of physics in dentistry such as may be found in Glasser, O., and others (eds.), *Medical physics* (Year Book Publishers) or in the current journals as indicated.

652. Chemistry.

A course of advanced reading and, when required, the preparation of written papers on selected and approved subjects dealing with the chemistry of substances used in dentistry.

A list of the reference books to be studied may be obtained on application to the Department of Chemistry.

653. Metallurgy.

Advanced study of the chemical and physical properties of metals and alloys as applied to dentistry.

654. Anatomy.

Candidates will be required to show an advanced knowledge of the anatomy of the head and neck, with special application to the teeth, jaws, and jaw musculature. They must be familiar with current views on the comparative anatomy and anthropological implications of the teeth, jaws and jaw musculature. Practical work and courses of reading will be directed by the Professor of Anatomy.

655. Physiology.

The scope will be that prescribed for the degree of B.D.S. and will include those parts of the central nervous system and special senses dealt with in a prescribed junior text-book. A higher standard will be required than that for the B.D.S., and special emphasis will be laid on the application of physiology to dentistry.

More advanced reading in the following branches will be required:—

- (1) Respiration—the control of respiration and anoxia with a view to general anaesthesia.
- (2) Circulation—its relation to the use of local anaesthesia, haemophilia, anaemias and immunity.
- (3) Digestion and nutrition—in relation to tissue development, particularly teeth and bone, vitamins and minerals.
- (4) The hormones.

This advanced reading can be done from:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox); or from
Houssay, B. A., *Human physiology* (McGraw-Hill, 1955).
Wright, S., *Applied physiology* (O.U.P.).

The junior text-books will be:

- Best, C. H., and Taylor, N. B., *Living body* (Baillièrè, Tindall and Cox).
 Carlson, A. J., and Johnson, V. E., *The machinery of the body* (Chicago Univ. pr.).
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

The examination will consist of a written paper and viva voce questions.

656. Pathology.

A fuller knowledge of general pathology, especially of inflammation and tumours; a critical survey of recent and current literature on the pathology of dental and oral tissues. Practical work under the direction of the Professor of Pathology.

657. Bacteriology.

Further study of the general and systematic bacteriology of Course 621. Brief survey of recent work on disinfection, antiseptics and chemotherapy; further study of immunology including infection, immunity and hypersensitivity; study of specified recent literature on bacteria found in the mouth with special reference to streptococci and staphylococci. Brief study of mycotic and viral infections of the oral cavity. Practical work under the direction of the Head of the Department.

Text-books:

- Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (4th ed., Arnold).
 Dubos, R. F., *Bacterial and mycotic infections of man* (2nd ed., Lippincott).

PART II OF THE EXAMINATION

The scope of the work for Part II will entail the following:

- (a) A course of study of advanced and current literature on general Dental Surgery and Pathology.
- (b) A course of study of advanced text-books and current literature on the other section of work selected by the candidate and approved by the Faculty.
- (c) Practical work at the Dental Hospital in both Dental Surgery and Pathology and the other approved section of work; the amount of such practical work to be as directed by the Faculty in each case, but in no case to be less than one half-day session a week throughout the Hospital year.

The Faculty will indicate in general outline the scope of work to be covered in the branch of Dentistry selected and approved for section (b) of the examination. The candidate shall carry out his studies under the direction of the supervisors appointed by the Faculty.

The examination will cover both sections (a) and (b), and will be conducted by the means outlined in Regulations 6 and 7 of the degree.

CERTIFICATE OF ATTENDANCE.—Every candidate for Part II of the examination for the degree of M.D.S. shall submit, before sitting for the examination, a certificate from the Dean of the Faculty of having carried out a satisfactory amount of practical work at the Dental Department as prescribed above.

FACULTY OF MUSIC

DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

Chief and Second Practical Studies I (671), II (672) and III (673).

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 Director of the Elder Conservatorium 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.

Speech Training I (691) and II (692).

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:

- Jones, D., *English pronouncing dictionary* (Dent).
 Ripman, W., *Good speech* (Dent).
 Storey, Barbara, *The way to good speech* (Nelson).
 Blackwood and Osborn, *The study of poetry* (Macmillan).
 Harris, L. S., *The nature of English poetry* (Dent).
 Traynor, H., *The art of speech* (Whitcombe and Tombs).

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.

694. Concerto.

1. Instrumental School—Diploma students will be required to present themselves for examination, in the third year of the course, in the performance of a concerto with orchestra.

2. Vocal School—Diploma students will be required to present themselves for examination in the third year of the course in the performance of a work (cycle, opera or oratorio scene) with orchestra or chamber music group of players.

In each case the work to be performed must be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term.

The Scope of School Music I (695), II (696), and III (697).

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.

700. Principles of Class Music Teaching I.

The application of psychology principles to methods of teaching class music in schools.

The aim of the course of instruction is towards the development of the teacher for school music classes and class singing in particular.

SYLLABUS.—The work for the first year covers essential principles, including:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; ear training; relative pitch—solfa names of the notes of the scale with mental effects of the sounds and the hand signs which are associated with them.
3. The lesson plan—(a) Infant grades; (b) Primary grades.
4. Songs—unison and part songs—method of teaching.

Text-book:

Penrose, A. I., *Method in the teaching of music in schools*.

Reference books:

Carrol, W., *The training of children's voices* (Forsyth).

Chamberlain, M., *Ear-training*.

Campbell-Egan, *Music in schools* (Carroll).

Fiske & Dobbs, *The Oxford school music book—junior and senior teaching manual* (O.U.P.).

Jacques, *Voice training in schools*.

McPherson and Read, *Aural culture. Bases of musical appreciation* (Williams).

McPherson, *Musical education of the child* (Williams).

Priestly, *Music guide for infants, junior and senior schools* (Nelson).

701. Principles of Class Music Teaching II.

SYLLABUS.—In the second year the work is extended to cover essential principles including:

1. Tonal problems in the classroom including the changing voice.
2. The percussion band.
3. Eurythmics and creative work.

4. The recorder class.
5. The lesson plan—secondary grades.
6. Melody building and elementary form.
7. The fundamentals of musical education: why teach music in an education system; music and the ordinary listener; teaching methods and class management.
8. Elements in musical experience and how to use them: the choral lesson; sight singing and aural culture; musical appreciation; music in further education.

Text-book:

Hooper, *Teaching music to classes*.

Reference books:

Unesco, *Music in education*.

Millalieu, *The boy's changing voice*.

702. Principles of Class Music Teaching III.

SYLLABUS.—In the third year the work is further extended to cover essential principles including:

1. Discussions on comparative methods of music study: (a) for the professional musician; (b) for the musician in charge of school music.
2. Psychological investigation in the field of music—music and the child; musical learning; the teaching of music in the school; appreciation. Factors in musical mindedness and how they may be developed in school music. Executant factors in music education. Tests in music; school music materials and their evaluation; the aims of school music.

Text-books:

Watkins, Shaw, *Musical education* (Hinrichsen).

Mursell and Glen, *The psychology of school music teaching* (Silver Burdette & Co.).

Reference books:

Buck, *Psychology for musicians* (O.U.P.).

Scholz, *Music, the child and the masterpiece* (O.U.P.).

Modern Languages I (703), II (704) and III (705).

Ensemble Playing I (706) and II (707).

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 Director of the Elder Conservatorium of Music.

Drama I (708), II (709) and III (710).

These courses are not yet available.

711. 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).

Lovelock, *Graded exercises in transposition* (Hammond).

Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

712. Harmony II.

SYLLABUS:

1. Harmony (written) in four parts:—
 - (a) Modal harmony (Genevan and Scottish Psalters; Gibbons Hymns and Songs of the Church), including the writing of Fauxbourdons.
 - (b) Chorale harmonisation in four parts.
2. Keyboard harmony, including transposition and score reading (three and four parts, G and F clefs).

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests II.

Text-books:

- Woodward, *Songs of Syon*, Book I (Schott).
 Morris, *Foundations of practical harmony and counterpoint* (O.U.P.).
 Pilling, *Harmonisations of melodies*, Book I (Forsyth).
 Lang, *Score reading exercises*, Book I (Novello).

Reference book:

- Lovelock, *First and second year harmony* (Hammond).

713. Harmony III.

SYLLABUS:

1. Harmony (written) in three and four parts:—
 - (a) The Ground Bass (Candidates may be asked to write three variations for String Quartet, the Ground—for Cello, being given. Variation I adding a counterpoint for Viola; Variation II contrapuntal parts for Violin, Viola; Variation III for the complete quartet. The Cello holds the Ground in each variation) or the free treatment of a given Ostinato.
 - (b) Three-part writing for voices and 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.

Reference book:

- Morris, *Foundations of practical harmony and counterpoint* (Macmillan).

714. Harmony IV.

1. Harmony (written):
 - (a) Continuo realisation.
 - (b) Four-part writing for voices and instruments.
2. Keyboard harmony: advanced transposition, orchestral score reading, and extemporisation; continuo playing.

EXAMINATION: 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.).

Reference books:

- Andrews, *Oxford harmony, Book II* (O.U.P.).
 Bairstow, *Counterpoint and harmony* (Macmillan).

717. Counterpoint I.

SYLLABUS:

1. Motive structure and melodic variation. (Candidates may be asked to write melodic variations upon a given theme.)
2. Free counterpoint in two parts (including the writing of inventions).

EXAMINATION: One three-hour paper.

Text-book:

- Morris, *Introduction to counterpoint* (O.U.P.).

718. Counterpoint II.

SYLLABUS: Counterpoint of the Roman and English Schools of the sixteenth century.

1. Two-part counterpoint (Lassus, *Cantiones Duarum vocum*, Morley, *Two-part canzonets*).
2. Three-part (Palestrina style, and Morley, *Three-part canzonets*).

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).

719. Counterpoint III.

SYLLABUS:

1. The five-part chorale.
2. The chorale prelude, free style, for any combination of voices or instruments.

EXAMINATION: One three-hour paper.

Reference book:

Bairstow, *Counterpoint and harmony* (Macmillan).

722. 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.).

726. History of Music I.

SYLLABUS: Outline of European Musical History: from the Middle Ages to the present day.

Prescribed works:

Palestrina, *Stabat Mater*.

Purcell, *Dido and Aeneas*.

Bach, *Preludes and fugues, C major and C minor* (Book I).

Haydn, *Oxford symphony*.

Beethoven, *String quartet, Op. 18, No. 1*.

Schubert, *Selected songs*.

Wagner, *Siegfried idyll*.

Brahms, *Variations on the S. Anthony Chorale*.

Strauss, *Till Eulenspiegel*.

Walton, *Portsmouth Point overture*.

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.

727. History of Music II.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries.

Prescribed works:

- Byrd, *Five part mass*.
- Victoria, *Missa quarti toni*.
- Purcell, *Fantasias, and selected solo songs*
- Bach, *S. Matthew Passion*.
- Handel, *Messiah, Part 2*.
- Haydn, *String quartet in D minor, Op. 76*.
Piano sonatas (selected).
- Mozart, *Symphony No. 40 in G minor*.
Requiem.

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, C., *The golden age of Italian music* (Jarrolds).
- O'Brien, C., *The golden age of German music* (Jarrolds).

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 & Faber).
- Grout, *Opera* (2 vols.) (Col. Univ. Press).
- Fellowes, E. H., *The English madrigal* (O.U.P.).
- Fellowes, E. H., *English cathedral music* (O.U.P.).
- Schweitzer, *Bach* (2 vols.) (Black).
- Geiringer, *The Bach family* (Allen & Unwin).
- Geiringer, *Haydn* (Allen & Unwin).
- Einstein, *Mozart* (O.U.P.).

728. History of Music III.

SYLLABUS: History and development of music during the 19th and 20th centuries.

Prescribed works:

- Beethoven, *Fidelio*.
- Wagner, *Mastersingers*.
- Brahms, *Symphonies* 2 and 3.
- Elgar, *Enigma variations*.
- Sibelius, *Symphony No. 7*.
- Ireland, *Pianoforte concerto*.
- Hindemith, *Mathis der Maler* (Symphony).

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* (six vols.) (O.U.P.).
- Grout, *Opera* (2 vols.) (Col. Univ. Press).
- 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).

729. History of Music IV.

SYLLABUS: Selected periods—candidate's option—for individual research. 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: Two three-hour papers.

730. 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.

731. 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).

735. 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: One three-hour paper.

Reference books:

- Parrott, *Method in orchestration* (Dobson).
 Jacob, *Orchestral technique* (O.U.P.).

736. Orchestration II.

SYLLABUS: The scoring of given passages for orchestra.

EXAMINATION: One three-hour paper.

Reference book:

- Rogers, *The art of orchestration* (Appleton Century Crofts).

738. 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).

739 and 740. 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. 6*.
 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.).

741. 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 books:

Lovelock, *Transposition* (Hammond).
 Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

742. 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).

743. 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).

744. 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).

746. 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:

- Jeans, *Science and music* (C.U.P.).
 Buck, *Acoustics for musicians* (Clarendon).
 Wood, *The physics of music* (Methuen).

EXAMINATION: One two-hour paper.

747. 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.

748. 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 to:

1. present a programme suitable for teaching purposes;
2. discuss the fundamental principles of the technique of their own instrument (or voice); and
3. show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

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.

751 and 752. Theoretical Inorganic Chemistry.

Pre-requisite subject: Leaving Chemistry.

The course is divided into two parts, namely (Part A, Course 751) the lectures on inorganic and physical chemistry given to the evening class in Chemistry I at the University on Mondays and Fridays throughout the three terms and (Part B, Course 752) a special course of about forty lectures on the inorganic salts of the *British Pharmacopoeia*, including the methods for their preparation and assay. Papers will be set on the subject matter of each of the two parts of the course.

Part A (751).

A course of general chemistry including introductions to atomic and valency theory, systematic inorganic chemistry and physical chemistry.

Part B (752).

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-books:

- Durrant, P. J., *General and inorganic chemistry* (Longmans) (2nd ed.).
 Lupton, A. W., *Aids to the mathematics of pharmacy* (Baillièrè, Tindall and Cox).
 Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

753. Practical Inorganic Chemistry.

Subject-matter:

- (a) The examination of the appearance and chief characteristics of simple salts of pharmaceutical interest.
 (b) The detection of metallic and acidic constituents in a mixture of simple salts using semi-micro technique.
 (c) Simple volumetric estimations involving the use of standard solutions of acids and alkalis using semi-micro methods; strength of B.P. acids; principles of dilution of strong acids to B.P. strength; the preparation and use of standard solutions of potassium permanganate and silver nitrate; quantitative problems.

Essential book:

Brown, R. D., and O'Donnell, T. A., *Manual of elementary practical chemistry* (Melbourne U.P.).

Reference book only:

Vogel, A. L., *Text-book of qualitative chemical analysis* (Longmans).

PHARMACY I.

The course comprises subjects 754 and 755.

754. Elementary Pharmacy: Theory and Practical.

Practical Work.—A record of all work done in the laboratory must be kept in an approved notebook.

Subject matter:

The weights and measures of pharmacy and exercises thereon.
 An introductory treatment of the drugs and galenicals of the *British Pharmacopoeia*; and of their dispensing.

Text-books:

- British Pharmacopoeia* (Pharmaceutical Press).
The British Pharmaceutical Codex (Pharmaceutical Press).
 Bentley, A. O., *Text-book of pharmaceuticals* (Baillièrè, Tindall and Cox).
 Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

755.**A. HISTORY OF PHARMACY.**

This course is a broad survey of pharmaceutical history. Attention is given to:

- (a) Ancient pharmacy up to the sixteenth century.
 (b) Changes in pharmaceutical practice in England from the seventeenth century to the present time.
 (c) The development of Australian pharmacy on the English pattern and the modifications caused by American influence.
 (d) International pharmacy; world health organisation; miscellaneous international organisations and their impact on pharmacy.
 (e) The development of drugs of biological origin. The history of some individual drugs is also dealt with during their consideration in other courses.

B. FIRST AID AND SURGICAL DRESSINGS.

A course which leads to the certificate of The St. John Ambulance Association is arranged for pharmacy students.

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.

761. Theoretical Organic Chemistry.

Subject-matter:

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-book:

Macbeth, A. K., *Organic chemistry* (Longmans).

762. Practical Organic Chemistry.

Subject-matter:

- (a) The determination of melting-points and boiling-points.
- (b) Preparation and examination of some simple organic compounds.
- (c) The detection of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; characterisation of B.P. organic compounds.
- (d) The examination of fixed and volatile oils and fats; acid value; saponification value of esters and oils; iodine value; essential oils.

Text-books:

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

763. Biology.

This course is the same as that prescribed for the B.Sc. degree. See syllabus No. 269.

THIRD EXAMINATION.

771. Botany and Pharmacognosy.

This course of lectures is begun in the second year and completed in the third year of studies.

A. BOTANY.—This course of lectures and practical work deals with the classification of the plant kingdom, with special reference to the production and distribution of their economic products.

B. PHARMACOGNOSY.—This course includes lectures and practical work on drugs of the *British Pharmacopoeia* of vegetable and animal origin and such others as are in common use; geographical and botanical sources; physical characteristics; the collection, preparation and preservation of drugs for the market; recognition of genuine drugs; possible sophistications, microscopical examination; the more important active principles; official methods of isolating same.

A wide range of macroscopic and microscopic specimens will be available.

Text-books:

Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students* (Baillière, Tindall and Cox).

Trease, G. E., *A textbook of pharmacognosy* (Baillière, Tindall and Cox).

PHARMACY II.

This subject comprises the following units:

772. Commercial Pharmacy.

This course of lectures includes:

- (a) The legal aspects of pharmacy management.
- (b) An introduction to the economic basis of pharmacy and to taxation and contribution to social services based on personal income.
- (c) The elements of pharmaceutical statistics with particular attention to Commonwealth legislation dealing with social security.

773. Practical Pharmacy, Volumetric Analysis and Drug Assay.

This course of lectures and practical work includes:

- (a) The manufacture of official preparations.
- (b) The evaluation of drugs and preparations for compliance with the specifications of the *British Pharmacopoeia*. Students will examine a selection of the preparations dispensed or manufactured during the course.

774. 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:

781. Practical Pharmacy and Dispensing.

A. Manufacturing Pharmacy.—The theory and practical application of the principles involved in the methods of disintegration, comminution, pulverisation, and sifting of drugs, and the subsequent preparation from the same or from commercial drugs, of typical examples of:—Compound powders and confections, pill masses and lozenges, granular preparations, aromatic waters, spirits, mixtures, solutions and injections, mucilages, syrups, honeys, liniments, lotions, collodions, glycerins, ointments, plasters, suppositories, infusions, decoctions, tinctures, wines and vinegars, solid extracts, fluid extracts, and other pharmaceutical products.

The process of distillation, sublimation, extraction, infusion, decoction, digestion, maceration, percolation, expression, scaling, colation, clarification, decolourisation, trituration, elutriation, levigation, and such other processes which enter into the first, second and third years' study.

B. Dispensing.—The theory and practical application in the laboratory related to the compounding of prescriptions, with particular regard to the processes necessary, the calculations involved and the requirements of the Dangerous Drug and Poison Regulations in respect of labels and containers; the conversion of Imperial weights and measures into those of the metric system; the suspension of insoluble substances; the preparation and nature of emulsions, emulsifying agents, excipients and methods used for pills and tablets; principles of sterilisation, sterilisation of apparatus and materials; preparation of aseptic and antiseptic dressings.

Prescription reading.—Practical exercises in deciphering from originals; translation of Latin phrases of directions for use; detection of possible errors and unusual doses; detection of incompatibility and methods of overcoming the same.

Toxicology.—An elementary knowledge of poisons and their appropriate antidotes.

Posology.—A general knowledge of *British Pharmacopoeia* dosage and modifications necessary for age, habit and method of administration, etc.

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).

Tomski, H. W., *Pharmaco-therapeutic notebook* (Baillière, Tindall and Cox).

Reference book:

The extra pharmacopoeia *Martindale* (Pharmaceutical Press).

782. Forensic Pharmacy.

This course 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.

783. Pharmacy Organisation.

This course covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy (772 and 782).

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.

PHARMACY IV.

This subject contains the following five units:

791. Pure Pharmacology.

This course includes lectures and practical laboratory experiments to elucidate the action of drugs upon cells as demonstrated by altered function. The physiological and pharmacological principles involved in quantitative biological standardisation will be studied in theory and practice, both with respect to standards of toxicity and of potency. For this latter purpose, the following preparations will be used when test material is available: pituitary extracts (anterior and posterior), insulin, digitalis, squill and strophanthus, thyroid, gonadal and adrenal cortical hormones and the cholinesterase system.

Subject only to the availability of biological test material, as wide a range of qualitative experiments as possible will be made, demonstrating *inter alia*, the actions of atropine, eserine, amyl nitrite, acetylcholine, adrenaline, ergotoxine, alcohol, ether, chloroform, thiopentone sodium, phenobarbital, picrotoxine, leptazol, nikethamide, strychnine, morphine, triazol, mephenesin and curare. The practical work will be conducted in three hour periods and students will keep detailed practical records.

Text book:

Wilson, A., and Schild, H. O., *Clark's applied pharmacology* (8th ed.) (Churchill).

792. Bacteriology

The course consists of 12 lectures, each of which is followed by practical exercises in the laboratory. It deals with 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 (Baillièrè, Tindall and Cox).

Recommended for reading:

McCulloch, E. C., *Disinfection and sterilisation*, Chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

793. Nutrition.

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.

794. Organic Medicinals.

This course is primarily concerned with the pharmacy of organic compounds and therefore extends the scope of course 761. Reference is made to the use and action of selected drugs.

795. Social Biology.

The special course of lectures given to students for the Diploma in Social Science during the third term as set out in syllabus No. 833.

History of Thought.

During either the third or fourth year of studies students are required to attend a series of background lectures given under this title (see Syllabus No. 141).

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.

801. Human Biology.

The course consists of two lectures or lecture-demonstrations a week for three terms. The lectures are given in the Anatomy Tutorial Room.

A general account is given of the structure, function, and development of the human body, laying stress on biological principles rather than on descriptive detail. In the first part of the course the anatomy of the different systems of the body is described, together with their functions, so far as these can be related in a simple manner to gross structural features. Then follows an account of the microscopical structure of the tissues and the cells of which they are built, again laying stress on the relation between structure and function, and

on the manner in which cells are nourished and reproduce. This leads to a brief consideration of the principles of embryological development and growth, and of the significance of hereditary and acquired differences between individuals. Ethnological differences and their possible importance are next dealt with, man being presented as a member of a species with an evolutionary history, and more or less closely related to other groups of animals. The last part of the course is taken up with a more detailed description of the bones, muscles and joints of the human body than was given in the earlier lectures; these structures are dealt with so as to illustrate the mechanism of the body in respiration and in simple movements and exercises.

In general the course is intended to serve as an introduction to biological science, using the elementary structure and function of the human body as its subject-matter, and emphasising points of special importance in physical education. It also forms the basis for a more detailed study of particular aspects of biology in the second year of the course.

Books for reference and general reading:

Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).
Williams, J. F., *Text-book of anatomy and physiology* (Saunders).

802. 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. The purpose of the lectures is to bring about a deeper understanding of the essential nature of the physiological processes in question and their regulation and co-ordination in life. 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.

The following books will be found valuable for general reference:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).
Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Students will also find *Muscular exercise*, by M. G. Eggleton (Paul, Trench and Trubner) very helpful in connection with their work on muscular activities.

804. Hygiene.

This course consists of one lecture a week for three terms, and covers the same ground as that for the other Diplomas in Education. 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-books:

Williams, J. F., *Personal hygiene applied* (Saunders).
Abbie, A. A., *Human physiology* (Angus and Robertson).
Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

806. Body Mechanics.

This course consists of lectures and practical work during two periods a week for three terms.

The course comprises:

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.

The following books are recommended for reference:

- 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* (His Majesty's Stationery Office).
 Lace, M. V., *Massage and medical gymnastics* (Churchill).
 Prosser, E. M., *Manual of massage and movement* (Faber).
 Thomas, Leah, *Body mechanics and health* (Houghton Mifflin).
 Rathbone, J. L., *Corrective physical education* (Saunders).
 Lockhart, R. B., *Living anatomy* (Faber, 1948).
 Kendall, H. O. and F. P., *Posture and pain* (Williams and Wilkins).
 M. Dena Gardiner, *The principles of exercise therapy* (Bell, 1953).

807. 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 pass an examination in the general subject matter of the course. This special course is held during the first term.

Text-books recommended:

- 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.

808. Clinical Observation.

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.

809. 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.

811. Practice of Physical Education.

The 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.

The following books are recommended for reading and reference:

Publications of the British Board of Education: (a) *Syllabus of physical training for schools*, 1933; (b) *Recreation and physical fitness for youths and men*, 1937; (c) *Recreation and physical fitness for girls and women*, 1937; (d) *McNair Committee report on the training and recruitment of teachers and youth leaders*, 1944; (e) *Physical education: Denmark and Sweden* (Pamphlet No. 104, 1935); (f) *Physical education in Germany* (Pamphlet No. 19, 1937); (g) *Organised camping* (Pamphlet No. 11, 1948).

Hedley, G. W., and Murray, G. W., *Physical education for boys* (Methuen 1936).

Marshall, F. J. C., and Rees, W. R., *Physical education in boys' schools*, 2nd Edition, 1941 (London Univ. pr.).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

Physical education for primary schools (Physical Education Branch, Dept. of Public Instruction, Queens.).

Physical education for Victorian schools (Education Dept. of Vic., 1946).

Moving and growing, physical education in the primary school (Ministry of Education, England, 1952).

812. Principles of Physical Education.

The 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.

The following books and reports are recommended for reading and reference:

Gardiner, E. N., *Athletics of the ancient world* (O.U.P., 1930).

Rice, E. A., *Brief history of physical education* (Barnes, 1929).

Nixon and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).

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 and Sons, 1952).

McIntosh, P. C., *Physical education in England since 1800* (Bell and Sons, 1953).

Munrow, A. D., *Pure and applied gymnastics* (Edward Arnold Ltd., 1955).

McIntosh, Munrow, Dixon and Willetts, *Landmarks in the history of physical education* (Routledge & Kegan Paul, 1957).

813. History of Education.

This course is the same as that required for one section of the B.A. course in Education, and takes two hours a week for about half the year. Additional periods dealing more specifically with the history of physical education are also arranged.

Students who have done little or no reading in ancient history are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

Text-books:

Boyd, W., *History of western education* (Black).

Quick, R. H., *Essays on educational reformers* (Longmans).

Recommended for additional reading:

Curtis and Boulwood, *A short history of educational ideas* (Univ. Tutorial Pr.).

Monroe, P., *Brief course in the history of education* (Macmillan).

Cubberley, E. P., *History of education* (Mifflin).

Butts, R. F., *A cultural history of education* (McGraw-Hill).

Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).

Brubacher, *A history of the problems of education* (McGraw-Hill).

It will be possible for students taking this course to take the other part of the course, in the theory of Education, in order to complete the requirements of Education as a subject for the degree of B.A.

814. Psychology (for Physical Education Students).

This special course is intended to provide a general introduction to Psychology and to the applied field of physical education.

Term I.—Lecture courses as for Psychology IA set Syllabus No. 80.

Term II.—Special course of lectures on behaviour in a social situation, emphasising problems of leadership and the functioning of small groups.

Term III.—The Psychology of play and recreation.

Text-book:

Ruch, *Psychology and life* (Scott Foresman & Co., N.Y.).

References:

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).

816. 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.

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 activities; dancing; swimming; hiking and camping.

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; dancing; hiking and camping.

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.

817. 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.

DIPLOMA IN SOCIAL STUDIES

Intending students should seek an interview by appointment with the Head of the Department of Social Studies.

831. Economics.

Candidates may take either the course in Economics I (see syllabus no. 151) or the course in Social Economics (see Syllabus no. 150). Either course comprises two lectures a week throughout the academic year.

832. Psychology.

Candidates take either Psychology IA (80) or Psychology I (81).

833. Social Biology.

There are alternative courses in Social Biology for the diploma in Social Studies—A and B. Course A comprises the first two terms' work in Biology (269) and the third term's work specified below. Course B comprises the first two terms' work in Human Biology (801) and the third term's work specified below. A student who has been accepted by the Board of Studies as a candidate for the diploma in Social Studies may present Course A as a Science subject for the degree of B.A.; but he cannot so present Course B.

During the third term a special course of lectures is given on the following subject-matter:

Biology in its sociological setting. Community life and disease, and brief historical survey.

Diseases with social significance—problems facing man in his environment. The method of appraisal—brief review of vital statistics. Infectious disease. Crippling disease. Nutritional problems. Diseases arising from industrial hazards. The psychological aspect of disease.

Preventive measures. Man's adjustment to his environment—personal and community health. Individual protection—nutrition, immunisation, etc.

Application to the South Australian scene: Medical services available; public health.

The position today. Evidence of community malaise.

Seminar.

834. Social History.

Either (1) or (2) or (3) may be taken.

(1) POLITICS II.

The course of lectures is given annually, and is completed in one year. No student may take the course until he has completed Politics I. See syllabus no. 62.

(2) HISTORY IIB.

The course of lectures is given each year. No student may take the course as part of a degree course until he has completed either Economics I or History I. See syllabus no. 55.

(3) SOCIAL HISTORY.

A course of two lectures and one seminar each week throughout the academic year. See syllabus no. 51.

836. Social Work I.

A course consisting of two lectures a week throughout the academic year, and individual tutorials.

SYLLABUS:

(a) Definition, field, history and objectives of social work.

Introduction to the field and the methods of social work against a historical background. Generic methods and processes by which social work is practised within the framework of the philosophy and ethics of the profession; an introduction to social case work, social group work, and community organisation as inter-related methods; the professional relationship in social work.

(b) Introduction to the functions and policies of social agencies: their relation to the community and its needs. The social worker's use of community resources.

FIELD WORK.—During the first term and part of the vacation, students are required to undertake a field study of community development. During the second term a series of visits of observation is arranged to give a background understanding of the structure and functioning of the community and its resources for social work; data from these visits will be integrated with the study of the provision and maintenance of services in various areas of social welfare. Students will be required to keep records of their visits and to attend tutorials.

Each student is also required to work in a social agency under the guidance of a trained supervisor for six continuous weeks during the long vacation, or for an equivalent period.

Text-book:

Stroup, H. H., *Social work, an introduction to the field* (American Book Co., 1953).

Reference books:

As for Social Work II.

837. Social Work II.

Three lecture-discussions a week throughout the academic year, and individual tutorials.

SYLLABUS:

(a) The methods of social work.

(1) *Social case work*: Basic concepts; inter-relationships of client, social worker, agency and community. Dynamics of the professional case work relationship as norm-regulated social interaction. Development of professional skills—interviewing, recording, case study. Case work process. Case work in primary and secondary settings. Interaction of individual and social problems. Critical review of theoretical approaches to case work method. Discussion of selected cases and students' own material.

(2) *Social group work*: Introduction to the theory and method of working with groups; social processes in formal and informal groups; role of the leader; use of programmes.

(3) *Community organisation*: Historical background; community organisation as a generic process in social work; role of the professional consultant in encouraging communities to define and meet their own needs; programmes of co-ordinating agencies designed to facilitate co-operative action.

- (b) Mental health as it relates to the practice of social work.
- (1) *The mental health of the child*.—Growth, development and needs of the normal child in relation to parental care and the responsibility of society; consideration of children with special needs, such as the socially deprived, the physically and mentally handicapped, the emotionally disturbed and the delinquent; methods and skills in foster care, institutional placement, adoption, and use of community resources such as schools, health agencies and child guidance.
 - (2) The mental health of the adolescent, the adult, and the ageing person in relation to social and cultural context.
 - (3) *Pathological development of personality*, its manifestations in deviant behaviour and its social implications. The social worker's role in recognition, prevention, and correction of behaviour disorders through individual and community resources. Diagnostic classification of mental disorders, including the neuroses, the psychoses, organic and functional, psychopathic personality and the epilepsies. Significance of social factors; social worker's role in case study, treatment and after-care.

FIELD WORK.—Each student will be required to work in social agencies under the guidance of trained supervisors for two days weekly during the first and second terms and for six continuous weeks in the long vacation, or for an equivalent period.

VISITS OF OBSERVATION.—Visits of observation are arranged to government departments, homes and institutions, factories, hospitals, courts, prisons, mental hospitals, clinics.

Books—

Reference books:

- Adoption principles and services* (Family Service Association of America, 1952).
- Bovet, L., *Psychiatric aspects of juvenile delinquency* (World Health Organisation).
- Bowlby, J., *Maternal care and mental health* (World Health Organisation, 1951).
- Bowley, A., *The psychology of the unwanted child* (Edinburgh, Livingstone, 1947).
- Fink, A. E., Wilson, E. E., and Conover, M. B., *The field of social work* (Henry Holt & Co.) (3rd ed., 1955).
- Friedlander, W. A., *Introduction to social welfare* (Prentice-Hall Inc., 1955).
- Garrett, A., *Interviewing* (Family Service Association of America).
- Hamilton, G., *Social case recording* (Columbia University Press).
- Hamilton, G., *Theory and practice of social work* (Columbia University Press).
- Kasius, C. (ed.), *Principles and techniques of social casework* (Family Service Association of America).
- Landis, P. H., *Adolescence and youth* (The McGraw-Hill Book Co., Inc., 1952).
- Lowrey, F., *Readings in social casework* (Columbia University Press).
- Mace, D. R., *Marriage counselling* (Churchill, 1948).
- Morris, C., *Social case work in Great Britain* (Faber).
- National Council of Social Service, *Age is opportunity*.
- Richmond, M., *Social diagnosis* (Russell Sage Foundation).
- Teeters, N. K., and Reinemann, J. O., *The challenge of delinquency*.
- Towle, C., *Common human needs* (Federal Security Agency, U.S.A.).

Group work:

- Coyle, G., *Group work and democratic values* (Association Press).
- Klein, A., *Society, democracy and the group* (Whiteside).
- Konopka, G., *Group work in the institution* (Whiteside).
- Lindsay, A., *Recording in group work* (Woman's Press).
- Murray, C. and J., *Guide lines for group leaders* (Whiteside).
- Slavson, S. R., *Creative group education* (Association Press).
- Sullivan, D. (ed.), *Readings in group work* (Association Press).
- Trecker, H., *Social group work* (Woman's Press).
- Wilson, G., and Ryland, G., *Social group work* (Houghton, Mifflin).
- Wittenberg, R., *So you want to help people* (Association Press).
- Wittenberg, R., *The art of group discipline* (Association Press).

Community organisation:

- Buell, B., and others, *Community planning for human services* (Columbia University Press).
 Dillick, S., *Community organisation for neighbourhood development* (Woman's Press).
 Green, Helen D., *Social work practice in community organisation* (White-side and William Morrow).
 Johns, R., and De Marche, D., *Community organisation and agency responsibility* (Association Press).
 McMillen, W., *Community organisation for social welfare* (University of Chicago Press).
 Murphy, Campbell, *Community organisation practice*.
 Ross, Murray, *Community organisation: theory and principles*, 1955 (Harper Bros.).
 Stroup, H., *Community welfare organisation* (Harper).
 U.K. Ministry of Education, 1944, *Community centres* (H.M.S.O.).
 U.K. Home Office, 1945, *Making citizens* (H.M.S.O.).

Periodicals:

- Social casework*.
Social service review.
Social work (Family Welfare Association, London).
Case conference.
British journal of psychiatric social work.
American journal of orthopsychiatry.
Social service, National Council of Social Service (London.).
Social work (American Assocn. of Social Workers).
The almoner.
Medical social work.
Journal of social issues.
Children (Children's Bureau).
Proceedings of national conference of social work.
The social work year book (American Association of Social Workers).

References to additional reading will be given by the lecturers.

838. Social Work III.

The course comprises lecture-discussions, clinical demonstrations, tutorials, written assignments, and field work. All students are required to complete sections (a), (b), (c), and (e); except that the clinical sessions in the hospital setting may be open only to those specializing in medical social work.

SYLLABUS:

- (a) Advanced study of the philosophy and theory of social work. Twenty-five lectures.
- (b) Structural-functional analysis of settings (in conjunction with sociology). Administration of social agencies; participation with, and interpretation of social work to, members of other professions.
- (c) Social work in specific fields.
- (1) Family and child welfare. A course of approximately 30 lectures and discussion classes, throughout the three terms, in advanced case work, with some reference also to the use of the group method in case work agencies.
- i. Family Welfare.
 Inter-relationships within the family and their effects on personality and behaviour; parent-child and husband-wife relationships; marriage counselling. Atypical families; the unmarried mother and her child; immigrants. Families in various stress situations. Relationships between social agencies dealing with families.
- ii. Child Welfare.
 Case discussion is focused on case work with the child in various settings such as the child's own home, foster homes, institutions, social agencies concerned with child-placing, rehabilitation of the physically disabled, or with neglected, emotionally disturbed, uncontrolled and delinquent children.
 Material to increase understanding of the child in the group is also presented. Some case discussions are arranged in the agencies.

- (2) Medical social work.
- i. Principles of medicine. One lecture a week throughout the three terms.
These lectures are designed to impart an appreciation of health and disease, the effects of diseases on individuals and their impact on society. Each topic chosen will be presented so that abnormal function is seen against the background of the normal, and the symptoms arising will be considered from various aspects—*aetiology* (physical and psycho-somatic), manifestations, and management.
 - ii. Theory and practice of medical social work. One lecture-discussion a week during the first and second terms (approx. 30 hours).
History of medicine and development of medical social work as an integrated part of medical care. The role of the medical social worker within the framework of the health and medical services, the hospital and the community; relationships with other members of the medical team and with social agencies.
The meaning of illness, disability and treatment to the patient and his family; psycho-social factors in relation to medical diagnosis.
Application of the method of social case work in the medical setting; social study of the person in a specific cultural context and of the psychological and social factors that may contribute to illness, recovery, or the working-out of a satisfactory way of living within limitations.
Contribution of the medical social worker to treatment through services concerned with the factors affecting adjustment or the patient's constructive utilization of available medical and health services.
Social group work and group psycho-therapy in a medical setting.
Students are required to present their own case material.
 - iii. Clinical sessions. Ten sessions of two hours.
This series of clinical presentations and discussions is conducted in the hospital by doctors and a medical social worker in time allotted to field work. It will include medical, surgical, paediatric, obstetric and geriatric cases selected for their social implications.
- (3) Psychiatric social work. (Specialized field work in psychiatric settings is not yet available.)
- (d) Essay. Students are required to write a comprehensive essay on a selected or approved subject during the third term. They may also be required to assist in a field study or survey.
- (c) Field Work.—Each student is required to work for two and a half days a week during the first and second terms, and for ten continuous weeks after the annual examination, or for an equivalent period, *either* in family and child welfare agencies *or* in the almoner departments of hospitals and other medical agencies.

VISITS OF OBSERVATION.—Appropriate visits of observation are arranged during the third term.

Books of reference will be recommended by the lecturers.

839. Sociology.

Pre-requisite subject: Social Psychology (841).

Two lectures a week; tutorials by arrangement.

(a) SOCIOLOGY.

SYLLABUS.—Definition, scope, methods and tools of sociology; relation to the special social sciences and to social philosophy; application of scientific method to sociology. The empirical and the theoretical approach.

A conceptual scheme for analysis of the structure and processes of social systems.

Nature of social interaction; tendency to form groups; interests; the individual and society; co-operation, competition, conflict, and assimilation or acculturation; social order; personality and social order.

Social Structure: standardised action patterns; society and community; institutions and associations; status-roles; social stratification; integration of society; culture and civilization; sub-culture; structure of primitive society; growth of societies; the modern state. Demographic aspects of social structure.

Social control: the normative aspect of society; the socialization process and conformity; the mechanisms of social control; custom, morals, religion, law, convention, fashion, public opinion, education and propaganda; social controls in primitive society; adjustment and deviation.

Social change: biological geographical, technological and cultural factors; social development; social values and cultural trends; social mobility; migration and cultural assimilation; cultural contacts; social disorganisation; theory of cultural lag; social problems; social planning; social aspects of town and regional planning.

Comparative study of some social institutions: marriage and the family; kinship; the state; social class; property; justice.

Functional adequacy of culture.

(b) SOCIAL PHILOSOPHY.

Values and their expression in social relationships; need of a social philosophy; ethical relativity and objectivity; the good in its relation to freedom; justice, liberty and equality; some theories of punishment; a brief historical survey of ethical thought; philosophical basis of social work; social progress.

Text-books:

- Martindale, D., and Monechesi, E. D., *Elements of sociology* (Harper).
 Green, A. W., *Sociology* (McGraw-Hill).
 La Piere, R. T. A., *Theory of social control* (McGraw-Hill).

Books of reference:

- La Piere, R. T., *Sociology* (McGraw-Hill).
 Firth, R., *Elements of social organization* (Watts).
 Ginsberg, M., *Sociology* (O.U.P.).
 Maclver, R. M., and Page, *Society* (Macmillan).
 Parsons, T., *The social system* (Tavistock Publications).
 Hiller, E. T., *Social relations and structures* (Harper).
 Hobhouse, L. T., *Morals in evolution* (Chapman and Hall).
 Hobhouse, L. T., *Social development* (Allen and Unwin).
 Folsom, J. K., *Family and democratic society* (Routledge and Kegan Paul).
 Landis, J. T., and Landis, M. G., *Readings in marriage and the family* (Prentice-Hall).
 Merrill, F. E., and Eldredge, H. W., *Culture and society* (Prentice-Hall).
 Riemer, S., *The Modern City* (Prentice-Hall).
 Quinn, J. A., *Urban sociology* (American Book Co.).
 Nelson, L., *Rural sociology* (American Book Co.).
 Myrdal, A., *Nation and family* (Routledge).
 Lemert, *Social pathology* (McGraw-Hill).
 von Hentig, H., *Crime: causes and conditions* (McGraw-Hill).
 Simpson, G. E., and Yinger, J. M., *Racial and cultural minorities* (Harper and Brothers).
 Tappan, P. W., *Juvenile delinquency* (McGraw-Hill).
 Tappan, *Contemporary correction* (McGraw-Hill).
 Young, P., *Social treatment* (McGraw-Hill).
 Ogburn, W. F., *Social change* (N.Y. Viking pr.).
 Malinowski, B., *Crime and custom in savage society* (Paul, Trench, Trubner).
 Malinowski, B., *Scientific theory of culture and other essays* (Univ. of Nth. Carolina Pr.).
 Malinowski, B., *Dynamics of culture change* (Yale Univ. pr.).
 Mead, M., *From the South Seas* (Morrow).
 Nadel, S. F., *Foundations of social anthropology* (Cohen and West).
 Nadel, S. F., *Social structures* (Cohen and West).
 Strehlow, T. G. H., *Aranda traditions* (Melb. Univ. Pr.).
 Westermarck, E. A., *History of human marriage* (Macmillan).
 Westermarck, E. A., *Origin and development of the moral ideas* (Macmillan).
 Landtman, G., *Origin of the inequality of social classes* (Paul, Trench, Trubner).
 Warner, W. Lloyd, et al., *Social class in America* (Chicago: Science Research Associates, 1949).

- Warner, W. L. and Low, J. O., *The social system of the modern factory* (Yale Univ. Pr.).
 Benedict, R., *Patterns of culture* (Houghton, Mifflin).
 Frazer, J. G., *Golden bough* (Macmillan).
 Zimmerman, C. C., *Family and civilization* (Harper).
 Sorokin, P. A., *Contemporary sociological theories* (Harper).
 Titmuss, R. M., *Problems of social policy* (H.M.S.O.).
 Borrie, W. D., *Population trends and policies*.
 Hobhouse, L. T., *Rational good* (Watts).
 Hobhouse, L. T., *Elements of social justice* (Allen and Unwin).
 Plato, *Republic*.
 Zimmern, A. E., *Greek commonwealth* (O.U.P.).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Articles in *Encyclopaedia of the Social Sciences*.
British journal of sociology (Routledge, Kegan Paul).
American journal of sociology.
Rural sociology.
Population studies (C.U.P.).
U.N. publications.

References to additional reading will be given in the lectures.

841. Social Psychology.

Pre-requisite: Psychology IA (80) or Psychology I (81).

Two lectures and, if possible, one discussion class a week.

This course aims at covering the psychological conditions of social life.

SYLLABUS.—Definition and field of social psychology; independent, dependent and intervening variables. Historical outline. The individual in his social and cultural setting. Nature and nurture in individual differences; sex and race differences. Foundations of personality: the biological approach to the study of personality. Theories of motivation; feeling and emotion; learning. Social factors in memory, perception, judgment and motivation. Beliefs and attitudes. Personality as a structural whole; the field theory. The processes of socialization. Social interaction; the individual in the group. Suggestion, imitation and sympathy. Communication and the development of language. Co-operation, differentiation, competition, conflict, domination and submission, frustration and aggression. Mental mechanisms affecting social interaction. Culture patterns and collective behaviour; formation of group norms, stereotypes and prejudices; concept of status—role, cultural factors in the development of personality. Genetic approach to the study of personality; concept of normality; social maturity and factors conducive to mental health. Integration and dissociation of personality. Psychological processes involved in social change; attitudes—formation and change; leadership; effects of group situations. Social factors in maladjustment.

For preliminary reading:

Munn, N. L., *Psychology* (Houghton, Mifflin).

Reference books:

- Sherif and Sherif, *Outline of social psychology* (Harper). Revised edition.
 Klineberg, O., *Social psychology* (Holt). Revised 1954.
 Krech, D., and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw-Hill).
 Murphy, G., *Personality* (Harper).
 Asch, S. E., *Social psychology* (Prentice-Hall).
 Swanson, G., Newcombe, T. M., and Hartley, E. L., *Readings in social psychology* (Holt). New Edition.
 La Piere, R. T., and Farnsworth, P. R., *Social psychology* (2nd ed.) (McGraw-Hill).
 Linton, R., *Cultural background of personality* (Paul, Trench and Trubner).
 Cantril, H., *Psychology of social movements* (Wiley).
 Young, K., *Handbook of social psychology* (Paul, Trench, Trubner).
 Mead, R., *From the South Seas* (Morrow).
 Murphy, G. and L., *Experimental social psychology* (Harper).
 Ginsberg, M., *Psychology of society* (O.U.P.).
 Allport, G. W., *Personality* (Constable).

- Eysenck, H. J., *The scientific study of personality* (Routledge and Kegan Paul).
- Eysenck, H. J., *The structure of human personality* (Methuen).
- Jennings, H. S., *Biological basis of human nature* (Faber).
- Penrose, L. S., *Mental defect* (Sidgwick).
- Benedict, R., *Patterns of culture* (Houghton, Mifflin).
- Gordon, R. G., and others, *Introduction to psychological medicine* (O.U.P.); or
- Fisher, V. E., *Introduction to abnormal psychology* (Macmillan).
- Murray, H. A., *Explorations in personality* (O.U.P.).
- Cluckhohn, C., and Murray, H. A., *Personality in nature, society and culture* (Knopf).
- Cantril, H., and others, *Gauging public opinion* (Oxford, 1944).
- Hadfield, J. A., *Psychology and mental health* (Allen and Unwin).
- Freud, S., *Group psychology and the analysis of the ego* (Hogarth).
- Dennis, W. (ed.), *Readings in child psychology* (Prentice-Hall).
- Newcomb, T. M., *Social psychology* (Dryden).
- Human relations* (Tavistock Publications).

843. Social Organisation.

One lecture a week during the three terms.

SYLLABUS.—Law and government with particular reference to social welfare: functions of federal, state and local government; boards and semi-autonomous bodies. The structure and functions of the courts. The social services viewed against an historical background and a comparative study of modern social welfare programmes. Finance of the social services. The role of voluntary organisations and their relation to statutory social services. Importance of research. The processes of social administration.

Social legislation, policies and procedures in the major branches of the Australian health and welfare services: family and child welfare; housing and town and country planning; education and school services; public health and medical care; mental hygiene; correction and prevention of crime and services for those in need of care and protection; social security programmes including unemployment and other benefits, pensions, family endowment, rehabilitation; employment services, working conditions, factory legislation, vocational guidance. The law and the social services as they relate to special categories of people such as new settlers and aboriginals, and to some special problems of social work, e.g., hire-purchase, loans, tenancy.

Books of reference:

Texts of Acts of Parliament.

Commonwealth year book.

Other references will be given throughout the lectures.

845. Human Nutrition.

See syllabus no. 807 for the course in Human Nutrition given to Physical Education students.

847. Field Work.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in field work. See syllabuses Nos. 836, 837 and 838.

DIPLOMA IN PHYSIOTHERAPY

FIRST-YEAR COURSE.

861. Anatomy.

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.

Books:

Cunningham, D. J., *Manual of practical anatomy*, latest ed. (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).

For reference:

Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or

Gray, H., *Anatomy, descriptive and surgical* (Longmans).

Students must equip themselves with dissecting instruments and half a human skeleton, if procurable. Some microscopes are available for hire by students.

862. Physiology.

The course consists of two lectures a week in the first and second terms and one a week in the third term. 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).

Best, C. H., and Taylor, N. B., *The living body* (Chapman and Hall).

Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Winton, F. R., and Bayliss, L. E., *Human physiology* (T. & A. Churchill, 1955).

863. Physics (including the Physics of Medical Electricity).

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 Medical Electricity, together with an elementary text-book on Physics, are suitable for reference.

864. Theory and Practice of Massage and Manipulation.

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; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications. Ethics.

Reference books:

Fink, D. H., M.D., *Release from nervous tension* (George, Allen & Unwin Ltd., Lond., 1950).

Jacobson, E., *Progressive relaxation* (Univ. of Chicago Press).

Osler, W., *The evolution of modern medicine* (Yale Univ. Press).

Mettler, F. A., *History of medicine* (Blakiston).

Neuburger, *History of medicine* (Oxford Med. Publ.).

Singer, *A short history of medicine* (O.U.P.).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises. General massage for arm, leg and back.

865. Theory of Movement (including Body Mechanics and Swedish Remedial Exercises) and Practice of Remedial Exercises.

The course consists of one hour a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises.

Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; reflexes; fundamental starting positions.

Text-book:

Prosser, E. M., *Manual of massage and movements* (Faber and Faber).

Reference:

Wells, K. F., *Kinesiology* (W. B. Saunders).

866. Social Psychology (for Physiotherapy Students).

This special course provides a general introduction to Psychology and to the applied field of Physiotherapy.

The aim is (a) to give the student of physiotherapy some general understanding of the theories of human behaviour, (b) to specifically draw attention to individual differences in order to show that factors such as age, sex, social background, education, intelligence, emotion, motivation, etc., while not affecting physical treatments as such, often determine the way in which the treatment is presented to the patient, (c) to show how the personality of the physiotherapist is an important factor in stimulating, supporting and getting patients to co-operate and assist in carrying out the treatment.

TERM I.—Two lectures a week as for Psychology IA (Syllabus No. 80).

TERM II.—A special course of lectures for physiotherapists on the psychology of patients with reference to personality, theory, motivation and learning. Practical sessions will include (1) interviewing technique and (2) role playing as a method of understanding patients' attitude.

Text-book:

Ruch, *Psychology and life* (Scott Foresman and Co., N.Y.).

References:

Valentine, *The normal child* (Penguin Series).

Eysenck, *Sense and nonsense in psychology* (Pelican).

Bowlby, *Child care and the growth of love* (Penguin).

Krains and Thetford, *Managing your mind* (Macmillan).

Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).

SECOND-YEAR COURSE**871. Anatomy.**

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 special books are required, but the following are recommended for general reading:

Jones, F. Wood, *Principles of anatomy as seen in the hand* (Baillière, Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

872. Theory of Treatments and Practice of Massage.

A. TREATMENTS.—The course consists of one hour a week throughout the three terms:

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.

B. MASSAGE.—The course consists of one hour 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* (Wright).

Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).

Randall, M., *Training for childbirth* (Churchill).

Reference books:

Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses* (2nd ed.) (Livingstone).

Stone, K., *Diseases of the joints and rheumatism* (Heinemann).

Cyriax, J. H., *Text-book of orthopaedic medicine* (Cassell) (Vol. I-Vol. II).

Cyriax, James, *Disc lesions* (Cassell).

Read, D. G., *Childbirth without fear* (Heinemann).

Powell, M., *Orthopaedic nursing* (Livingstone).

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).

873. Theory of Movement and Practice of Remedial Exercises.

The course consists of two hours a week throughout the three terms.

THEORY.—Principles for building schemes of exercises: commands; apparatus; the body mechanics, muscle work and effects and uses of all starting positions derived from the fundamental positions. Exercises as set out in Prosser, E. M., *Manual of massage and movements* (Faber and Faber). Schemes of exercises suitable for conditions benefited by remedial exercises, including pre- and post-natal work.

PRACTICE (Students working on each other).—Students are taught to take and to teach the fundamental and derived positions accurately, and the exercises as set out in Prosser, *Manual of massage and movements*. Original and educational exercises are built up for all muscle groups. Class work: commands; co-ordination exercises including Frenkels. Progressive resistance exercises; use of slings and pulleys.

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* (G. Bell & Sons).

Bowen, Wilbur P., *Applied anatomy and kinesiology* (Henry Kimpton).

Steindler, Arthur, *Kinesiology* (Chas. C. Thomas, 1955).

874. 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.

Text-book:

Boyd, W., *Text-book of pathology* (Lea and Febiger).

875. Medical Electricity.

The course consists of one lecture a week for three terms and practical work for one hour a week for three terms.

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; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra-red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra-violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications.

Text-book:

Clayton, E. B., *Electro therapy and actino therapy* (Baillière, Tindall and Cox).

Reference books:

Kovacs, R., *Electric therapy and light therapy* (Kempton).

Morris, H., *Medical electricity for massage students* (3rd ed., Churchill).
Osborne and Holmquest, *Technic of electro therapy* (Baillière, Tindall and Cox).

Beckett, R. H., *Modern actinotherapy* (William Heinemann 1955 Med. books Ltd.).

876. Practical Work.

The practical work on patients is carried out at the Royal Adelaide Hospital and at the Queen Victoria Maternity Hospital.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms, approximately 270 hours.

B. IN-PATIENTS.—One hour every morning during the third term.

C. QUEEN VICTORIA MATERNITY HOSPITAL.—Students are divided into groups which attend in rotation once a week during the second and third terms.

THIRD-YEAR COURSE

881. Theory of Neuro-Muscular Re-education.

The course consists of two lectures a week throughout the four terms.

A. General principles of muscle re-education; examination of a patient; joint movements and muscle actions in detail. Methods of testing the strength of individual muscles and muscle groups, charting muscle strength, grading the amount of muscle work. Mass movements and motor patterns.

B. Treatment of anterior poliomyelitis in detail under the headings of rest, splinting, physiotherapy (comprising muscle re-education, heat, massage and hydrotherapy), prevention of deformity and surgical treatment. Positions for splinting affected muscles; factors governing length of immobilization; relative importance of recovering muscles. Types of splints used in weight-bearing. Common deformities and muscle imbalance in anterior poliomyelitis with their pre-disposing causes. Preventive measures and treatment.

C. Treatment of cerebral palsy; reflex inhibiting positions, primitive motor patterns, and special technique of treatment.

D. Brief outline of normal child development and posture.

882. Theory and Practice of Specialised Treatments.

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 8 lectures on orthopaedics by an orthopaedic surgeon, 3 lectures on chest surgery by a chest surgeon, 6 lectures on physiotherapy for chest conditions, 2 lectures on neurosurgery by a neurosurgeon, and 4 specialised lectures on the mechanical and electrical construction of machines used in medical electricity.

Reference books:

- Jones, R., and Lovett, R., *Orthopaedic surgery* (Oxford Medical Publications).
- Forrester-Brown, M. E., *Diagnosis and treatment of deformities in infancy and early childhood* (Oxford Medical Publications).
- Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
- Knudsen, K. A., *Text-book of gymnastics* (Churchill).
- Smith, O. Guthrie, *Rehabilitation; re-education and remedial exercises* (Baillière, Tindall and Cox).
- Angove, Hester, *Remedial exercises for certain conditions of the heart and lungs* (Faber).
- 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. P., *Posture and pain* (Williams and Wilkins).
- Allen, Edgar, Van Nuys, and others, *Peripheral vascular diseases* (Saunders).
- Munro, Donald, *Treatment of injuries of the nervous system* (Saunders, 1952).
- Rusk, H. A., *Living with a disability* (Blakiston, 1953).
- Buchwald, Edith, *Physical rehabilitation for daily living* (McGraw-Hill Book Co., 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).

883. Practical Work on Patients.

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; the Cyriax method of massage and manipulation. The students will work approximately 30 hours a week, a total of 480 hours.

B. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eighteen 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.

C. At the Queen Victoria Maternity Hospital:

Students attend full time for two weeks, the work covering pre- and post-natal work and clinical instruction.

D. 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 TECHNOLOGY.

1001. Structures I

Pre-requisite subject: Pure Mathematics I (T) (1151).

Pre-requisite or concurrent subject: Applied Mathematics (T) (1153).

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:

Wilbur & Norris, *Elementary structural analysis* (McGraw-Hill).

Urquhardt and Rourke, *Design of concrete structures* (McGraw-Hill).

Lothers, J. E., *Design in structural steel* (Prentice Hall).

Hansen, H. J., *Modern timber design* (Chapman & Hall).

1002. Civil Engineering A.

Pre-requisite subject: Structures I (1001).

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:

Timoschenko, S. & Young, D. H., *Theory of structures*, 1945, (McGraw-Hill).

Wang Chu-Kia, *Statically indeterminate structures*, 1953, (McGraw-Hill).

Lin, T. Y., *Design of prestressed concrete structures*, 1955, (Wiley).

1003. Civil Engineering B.

Pre-requisite subjects: Surveying IA (1008), Applied Mathematics (T) (1153), Hydraulics (1211), Pure Mathematics II (T) (1152), Structures I (1001).

Lectures:—Accommodation requirements; drainage and preparation of the subgrade; materials used in construction of pavements; design and construction of pavements; accessories.

Surveying problems involved in the selection, pegging and construction of routes for railways, roads, or other services.

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.

The elements of soil mechanics and classification including earth pressure and bearing capacities; exploration and testing of foundations, and their design and construction. Column and wall footings, piles and piling, piers and abutments, cofferdams, and pneumatic caissons.

Practical work: Project on water supply and/or sewage. Laboratory work covering soil classification and testing. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

Terzaghi, K. & Peck, R. B., *Soil mechanics in engineering*, 1948 (Wiley).

Steel, E. W., *Water supply and sewerage*, 1953 (McGraw-Hill).

Reference-books:

Capper, P. L. & Cassie, W. F., *Mechanics of engineering soils*, 1953 (Spon.).

Tschebotaroff, G., *Soils mechanics foundations and earth structures*, 1952 (Wiley).

Schultz, J. R., *Geology in engineering*, 1955 (Wiley).

Fair, G. M. & Geyer, J. C., *Water supply and waste water disposal*, 1954 (Wiley).

Babbit, H. E. & Doland, J., *Water supply engineering*, 1955 (McGraw-Hill) (Relevant British codes of practice).

1004. Structures II.

Pre-requisite subject: Structures I (1001).

Three design projects covering timber, concrete and steel design.

Text-books:

As for Structures I (1001). A reading guide will be supplied at the beginning of the course.

1005. Methods of Construction and Management.

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*.

1006. Soils Investigations.

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).

1007. Town Planning Practice.

Lectures:—General: the nature and purpose of planning; the scale of planning. The practice of planning—investigation or survey followed by analysis of existing conditions; the mobility of the community's needs; types of towns and communities; rural planning; relationship between town and country.

Bases and recommendations of contemporary public reports.

Survey and analysis—the contents of survey; organization of survey—collection of data, interpretation and analysis of data; conclusions to be drawn.

Land use—agriculture, recreation, open space, residential areas, etc.; population densities; commercial and industrial areas; schools, hospitals, service industry; reservation of sites.

Zoning—density, coverage and height.

Communications—road, rail, water and air; different types of roads, railways, stations, airports, etc.

Building developments—choice of site, component parts of the plan and their requirements.

Principles and elementary economics of estate development; tree planting, public services, building lines, skylines, etc.

Methods and realization: the master or broad outline plan, its purpose as a foundation for action by local authorities and private enterprise; the detail plan, technique of presentation, maps, models, statistics, graphs, reports.

Text-book:

Abercrombie, Sir Patrick, *Town and country planning* (Oxford University Press).

Reference-book:

Unwin, Sir Raymond, *Town planning in practice* (Batsford).

1008. Surveying IA.

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, and tracings.

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 students will be required to attend a survey camp.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I., 1946, (Constable).

Chambers, *Seven figure mathematical tables*.

1008A Survey Camp.

Before attending the survey camp, students must have attended lectures and practical classes in Surveying IA (1008).

The survey camp is held towards the end of the academic year, and is of two weeks duration. A subject fee of £3/3/0 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 practice work during the first term of the following year, or to attend another survey camp.

Entry for the camp must be made at the School of Mines not later than 31st October, for that year's camp.

1009. Surveying Computations.

Pre-requisite subject: Surveying IA (1008).

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.

Reference-book:

Horner, *Survey computations*. S.G.O. Malaya (1950).

1010. Surveying II.

Pre-requisite subjects: Surveying IA (1008), Mathematics I (T) (1151), Physics I (221).

Concurrent subject: Surveying Computations (1009).

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.

Practical work: Three hours a week throughout the year covering plane table surveys, curve work and levelling. Application of theory of errors to field work. Requirements for engineering surveys. Calculations and preparation of plans.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I., 1946 and II, 1944.

Kissam, P., *Surveying for civil engineers*, 1955 (McGraw-Hill).

Reference-book:

Higgins, A. L., *Higher surveying* (Macmillan).

1011. Land Surveying Design and Drafting.

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* (1953) (Chapman and Hale).

Raisz, E., *General cartography* (1948) (McGraw-Hill).

1012. Mine Surveying.

Pre-requisite subjects: Surveying IA (1008), and Surveying Computations (1009).

Lectures: Equipment; basic definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing.

Practical work: Three weeks practical work during vacation by arrangement with a mining company.

Reference book:

Staley, W. W., *Introduction to mine surveying* (1953) (Stanford University Press).

1013. Photogrammetry.

Concurrent subject: Geodesy (1014).

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 Soc. of Photogrammetry, *Manual of photogrammetry*, 1951.

Zeller, M., *Text-book of photogrammetry*, 1952, (Lewis).

Schwedefsky, K., *Text-book of photogrammetry*.

Hart C. A., *Air photograph applied to surveying*, 1943, (Longmans).

1014. Geodesy.

Pre-requisite subjects: Pure Mathematics II (T) (1152), Surveying II (1010), and Astronomy (1015).

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.

Practical work: Three hours a week for three terms; field observations; computations concerned with problems as covered in lectures.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Reference-books:

Hosmer, G. L., *Geodesy*, 1929, (Wiley).

Bomford, G., *Geodesy*, 1952, (Oxford University Press).

1015. Astronomy.

Pre-requisite subjects: Surveying IA (1008), Pure Mathematics I (1151), Physics I (221).

Lectures: Spherical trigonometry; position by simple and precise methods; position lines; errors in instruments and observations.

Practical work: Three hours a week throughout the year. Determination of latitude, azimuth, time and longitude. Practical sessions will be held both in the day and evening.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Chapman, R. W., & Mackie, J. W., *Astronomy for surveyors* (5th edition), 1953, (Griffin).

Star almanac for surveyors.

Reference-books:

Roelf, R., *Astronomy*, 1950 (N. V. Ahrend).

The Nautical Almanac (current edition).

1016. Laws and Regulations Governing Surveys.

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.

1017. Law in Relation to Planning.

The questions set on this syllabus relating to Acts other than Planning Acts 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.

Forms and functions of central and local government; history of planning legislation from 1909 to the present date; other acts relating to planning in so far as they are related; acts dealing with the compulsory acquisition of land and assessment of compensation and betterment: powers of local authorities; private bill procedure; principal acts governing public utilities; statutory planning procedure and the conduct of planning inquiries.

Books:

- Heap, D., *An outline of the new planning law* (Sweet and Maxwell).
 Clarke, J. J., *Local government of the United Kingdom* (Pitman).
 Tabort, T. G., *Turner's public health law* (St. Bride's Press).
 Hill, H. A., *The complete law of housing* (Butterworth and Co.).
 Baker, H., *Commons: what they are and how protected; and commons: village greens and other open spaces. Commons: open spaces and footpath preservation society.*
 Dimock, M. E., *British public utilities and national development* (Allen and Unwin).

1018. Land Valuation Principles and Practice.

Depth appraisalment, corner lots, dual frontage lots, lanes, alleys, triangular and irregular lots. Office blocks, shops, warehouses, commercial buildings, houses of all kinds, investment properties, industrial buildings and factories. Agricultural, pastoral, dairy and orchard properties. Licensed premises, subdivisional lands, compulsory acquisition, fractional interests, fluctuating rentals, depreciation. Obsolescence, added value, dilapidations, special purpose valuations, sales analyses, and sinking funds.

Text-book:

- Ferris, A. C., *Principles and practice of land valuation* (1946).

1019. Applied Geology and Economic Geography.

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, native 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 watering 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.

(b) Economic Geography:

- a. Land utilization.
- b. Distribution of urban and rural population.
- c. Distribution of chief mineral and power resources.
- d. Location of industry and of chief commercial centres.
- e. Transport.

Text-books:

- Watts, W. W., *Geology for beginners* (Macmillan).
 Dudley, Stamp L., *Britain's structure and scenery* (Collins).
 Dudley, Stamp L. & Beaver, S. H., *The British Isles: A geographical and economic survey* (Longmans Green).
 Ordnance survey, *A description of ordnance survey maps, large and small scale maps.*
Maps of National Atlas being prepared by the Ministry of Town and Country Planning and issued by Ordnance survey.

Reference-books:

- Leggett, R. F., *Geology and engineering* (McGraw-Hill).
 Bilham, E. C., *The climate of the British Isles* (Macmillan).
 Walters, R. C. S., *The nation's water supply* (Nicholson & Watson).
 Dudley, Stamp L., *Commercial geography* (Longmans Green).

1020. Building Construction and Drawing IA.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp proofing, foundations and footings; carpentry joints, timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings, commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference-books:

Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).

Nangle, J., *Australian building practice* (Brooks).

Tulloch, *Details of Australian building construction* (Keating and Wood).

1051. Electrical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (221) or Electrical Engineering I (T) (1051).

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.

Practical work: Circuit elements and networks on d.c. and a.c.; instrument calibrations; d.c. machines; transformers.

Text-books:

Cotton, H., *Electrical technology* (Pitman), or

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).

Reference-books:

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).

Various technical publications.

1052. Electrical Engineering IIA (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (221) or Electrical Engineering I (T) (1051).

Lectures: Based mostly on Electrical Engineering II (T) to give a general coverage for students not normally proceeding to Electrical Engineering III (T).

Practical work: Mostly as for Electrical Engineering II (T) with inclusion of a.c. machines, rectifiers.

Text-books:

Cotton, H., *Electrical technology* (Pitman) or

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).

Reference-books:

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).

Various technical publications.

1054. Electrical Engineering III (T).

Pre-requisite subjects: Electrical Engineering II (T) (1051) or IIA (T) (1052) and Pure Mathematics II (T) (1152).

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:

Suitable texts and alternatives will be discussed at the beginning of the course.

1055. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T) (1051), and Pure Mathematics II (T) (1152).

Lectures: Theory of automatic control systems; application to position control (servo-mechanisms), velocity, acceleration and analogous quantities; transducers and power amplifiers.

Practical work: Based on lectures, with tests on data transmission devices, rotating and magnetic amplifiers, servo motors, complete control systems.

Text-books:

West, J. C., *Servomechanisms* (English Universities Press) or
Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

1101. Communication Engineering I.

Pre-requisite or concurrent subjects: Electron Physics (1154) and Pure Mathematics II (T) (1152).

Syllabus: Circuit elements including coupled circuits, Q-factor, condenser losses; circuits involving resistance, capacitance and inductance; circuit theory of vacuum tubes including voltage amplifiers, coupling networks for audio and video frequencies, negative feed-back, power amplifiers, push-pull amplification, output transformers, tuned r.f. voltage and power amplifiers, oscillators. Modulation and de-modulation. Vacuum tube volt-meters. Rectifiers and power supplies. Acoustics of microphones, loudspeakers.

Practical work: Three hours a week throughout the year on laboratory experiments based on the lectures.

Text-books:

Boone, F. Milton, *Circuit theory of electron devices*, 1953 (John Wiley & Sons).
Terman, F. E., *Electronic and radio engineering* (4th edition), 1955 (McGraw-Hill).

1102. Communication Engineering II.

Pre-requisite subject: Communication Engineering I (1101) and Pure Mathematics II (T) (1152).

Syllabus: Network theorems, aerials; transmission lines; equalizers and attenuators; filters; wave guides; transistors; ultra-high-frequency generators; propagation and aerials.

Practical work: Laboratory experiments on the above subject matter and constructional projects as prescribed.

Text-books:

Terman, F. E., *Electronic and radio engineering* (4th edition), 1955 (McGraw-Hill).
Everitt, W. L., and Anner, G. E., *Communication engineering* (3rd edition), 1956 (McGraw-Hill).

1104. Applied Electronics.

Pre-requisite or concurrent subjects: Electrical Engineering II (1051) or IIA (1052).

Lectures: *Vacuum tubes*—Thermionic emission; conduction of current in vacuo; characteristics of diode, triode, tetrode and pentode, tube constants; the vacuum tube as voltage amplifier and power amplifier; push-pull amplification; negative feed-back; class C radio frequency amplifiers; oscillators; modulation and detection; vacuum-tube voltmeters.

Gas-filled tubes—Electron current in gases; gas-filled diodes; thyratrons, ignitrons; grid controlled rectification; application of gas-filled tubes to high speed counting, timers, voltage regulation, resistance welding control.

Other electronic devices—Cathode ray oscilloscope; light sensitive cells.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Happell, G. E., and Hesselberth, W. M., *Engineering electronics*, 1953 (McGraw-Hill).

1104A. Applied Electronics—(Short Course).

Pre-requisite or concurrent subject: Electrical Engineering II (T) or IIA (T). This course consists of the second and third terms' work in Applied Electronics (1104).

Text-book:

Happell, G. E., and Hesselberth, W. M., *Engineering electronics*, 1953 (McGraw-Hill).

1105. Electronic Engineering Design.

Pre-requisite subject: Communication Engineering II (1102).

The complete design of a piece of electronic equipment which would come within the scope of an electronic engineer engaged in design.

1106. Electronic Measurements.

Pre-requisite subject: Communication Engineering II (1102).

Lectures: The M.K.S. and C.G.S. systems of units; standards of inductance, capacity and frequency; Q-meters; distortion factor meters; harmonic analyzers; a.f. and r.f. signal generators; attenuators; A.C. bridges; measurement of noise; measurements in acoustics; U.H.F. measurements; application of electronic methods to industrial control and checking.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Terman, F. E. & Pettit, J. M., *Electronic measurement* (2nd edition), 1952, (McGraw-Hill).

1107. Pulse Techniques.

Pre-requisite subjects: Pure Mathematics I (T) (1151), and Communication Engineering I (1101).

Lectures: Generation and amplification of electrical pulses; effects of circuit components on pulse wave-forms; wave-shaping circuits, delay lines; video-frequency amplification; saw tooth voltage and current generators; application to radar; television and computers.

Practical work: Laboratory experiments on the above subject matter.

Reference-books:

Terman, F. E., *Electronic and radio engineering*, 4th ed., 1955 (McGraw-Hill).

Kerkhof, F. & Werner, W., *Television*, 1952 (Cleaver-Hume Press).

U.S.A. Air Force Manual No. 52 - 8, *Radar circuit analysis*, 1951, (Dept. of the Air Force).

1151. Pure Mathematics I (T).

Pre-requisite subjects: Leaving Mathematics I and II and Special Mathematics. The course comprises four lectures and one tutorial class a week.

Lectures: The elements of algebra and analytical geometry, the mensuration of the simpler solids, the most elementary portions of the differential and integral calculus.

Students will require a book of five-figure mathematical tables.

Text-books:

Blakey, J., *Intermediate pure mathematics* (Cleaver-Hume).

Middlemiss, R. R., *Analytical geometry* (McGraw-Hill).

1152. Pure Mathematics II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) or Pure Mathematics I (201).

This course consists of two lectures a week and one tutorial class a week.

Theory of complex algebra; representation, Argand diagram, Polar form, addition, subtraction, multiplication, and division; De Moivre's theorem and its applications; logarithmic, exponential and hyperbolic forms, relationship between these and the trigonometric functions; applications especially to electrical networks and to differential equations.

Analytical geometry: the analytical geometry of the parabola, ellipse and hyperbola; applications and tracing of curves.

Calculus: differentiation—function of a function, logarithmic, exponential, hyperbolic and inverse function; Rolles' theorem; mean value theorem and application; Taylor's theorem and Maclaurin's series; curvature; partial differentiation.

Integration: by substitution, by partial fractions, by parts; reduction formulae; definite integrals and theorems on definite integrals, improper integrals; parametric equations; applications of integration; Simpson's Rule and simple multiple integrals.

Differential equations: first order—variables separable, homogeneous, exact, linear and extended linear, and one variable absent; second order—linear equations and their application.

Text-book:

Benny, L. B., *Mathematics for students of engineering and applied science* (Oxford University Press).

Middlemiss, R. R., *Analytical geometry* (McGraw-Hill).

1153. Applied Mathematics (T).

Pre-requisite subject: Pure Mathematics I (T) (1151).

The course comprises three lectures and one tutorial class a week.

Elementary statics and dynamics of a particle and of rigid bodies; elementary hydrostatics.

Text-books:

Green, S. L., *Dynamics* (University Tut. Press).

Green, S. L., *Advanced level applied mathematics* (Univ. Tut. Press).

Reference book:

Lass, H., *Elements of pure and applied mathematics* (McGraw-Hill).

1154. Electron Physics.

Pre-requisite subjects: Pure Mathematics I (T) (1151); Physics I (221).

Lectures: One hour lecture a week and a one hour tutorial weekly throughout the year.

Syllabus: Motion of electrons in electric and magnetic fields; thermionic emission; thermionic cathodes; characteristics of diodes, triodes and multi-grid tubes; noise due to shot effect in vacuum tubes; partition noise; electrostatic deflection; the electrostatic lens; electromagnetic deflection and focusing; the cathode ray tube; secondary emission; electron multipliers; the photo-electric cell; the storage principle as used in television camera tubes.

Practical work: Two hours a week throughout the year based on the lectures.

Text-books:

Millman, J., and Seely, S., *Electronics*, 1951, 2nd edition (McGraw-Hill).

Ryder, J. D., *Electronic engineering principles*, 1953, 2nd edition (Pitman).

Happel, G. E., and Hesselberth, W. M., *Engineering electronics*, 1953 (McGraw-Hill).

1201. Mechanical Engineering I (T).

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

Laws of perfect gases and of 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 ed., 1956 (Longmans Green & Co.).

Callendar, H. L. and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th ed., 1947 (E. Arnold).

Reference-books:

As prescribed during lectures.

1202. Mechanical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151); Physics I (221); Chemistry I (231) or IA (232); Mechanical Engineering I (T) (1201).

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. & Dickson, J. M., *Applied thermodynamics* 3rd edition, 1954, (Pitman).

1203. Mechanical Engineering III (T).

Pre-requisite subjects: Pure Mathematics II (T) (1152), Applied Mathematics (T) (1153), Strength of Materials (T) (1208) and either Mechanical Engineering II (T) (1202) or Refrigeration Engineering II (1205).

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.

1204. Refrigeration Engineering I.

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

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 ed., 1956 (Longmans Green & Co.).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th ed., 1947 (E. Arnold).

Reference-books:

As prescribed during lectures.

1205. Refrigeration Engineering II.

Pre-requisite subjects: Pure Mathematics I (T) (Division I) (1151); Chemistry IA (232); Physics I (221), Refrigeration Engineering I (Division I) (1204).

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. & Dickson, J. M., *Applied thermodynamics*, 3rd edition, 1954 (Pitman).
 Macintire, H. J. & Hutchinson, F. W., *Refrigeration engineering*, 2nd edition, 1950, (Wiley), or
 Raber, B. F. & Hutchinson, F. W., *Refrigeration and air conditioning*, 1945, (Wiley).

1206. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (Division I) (1205), and Chemistry I, Organic (T) (1268).

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; 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
 Brown, A. I. & Marco, S. M., *Introduction to heat transfer*, 2nd edition, 1951, (McGraw-Hill).
 American Society of Refrigerating Engineers *Data book*, basic volume 9th edition, 1955-56.

1207. Machine Design.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Pure Mathematics II (T) (1152), and either Mechanical Engineering II (T) (1202), or Refrigeration Engineering II (1205).

Lectures: General design principles; fatigue; stress concentration; impact; combined stresses; failures 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; high speed discs, balancing; linear and torsional vibrations; epicyclic gears.

Drawing Office: Project work supplementing lectures covering the design and drawing of mechanical units.

Text-books:

- Maleev, V. L., and Hartman, J. B., *Machine design* (3rd edition) (International) and
 Bevan, T., *The theory of machines*, (3rd ed.) (Longmans).

Reference-books:

- Marks, L. S., *Mechanical engineers handbook* (5th edition) (McGraw-Hill).
 B.S.I. Specifications.
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* (Pitman).

1207A. Machine Design Project.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Pure Mathematics II (T) (1152), and either Mechanical Engineering II (1202) or Refrigeration Engineering II (1205).

Lectures: As for Machine Design (1207).

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 (1207).

Reference-books:

As for Machine Design (1207).

1208. Strength of Materials (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151); Applied Mathematics (T) (1153), must be taken concurrently if not already passed.

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; creep; 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; experimental results; empirical formulae; eccentric loading; torsion; shear stresses and deflection in round shafts; framed structures; determination of stresses; elements of graphic statics; Maxwell's reciprocal diagrams; design of joints, tension and compression members; reinforced concrete; columns; beams; tee-beams; stability of structures; bending of beams by loads not in plane of symmetry; loads not in plane of principal axes; strain energy; application of elastic energy theory to elementary 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-books:

Trathen, R. H., *Statics and strength of materials* 1954, (Wiley).

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 - 1937.

Grinter, L. E., *Design of modern steel structures* (Macmillan).

Sutherland, H. & Reese, R. C., *Reinforced concrete design* (Wiley).

Den Hartog, J. P., *Strength of materials* (McGraw-Hill).

1209. Materials and Structures.

Pre-requisite subject: Physics I (221).

Lectures: Behaviour of materials under stress; bending moments and shear forces; 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; reviewing a design; bond; shear; stability of structures — chimneys, dams, earth retaining walls; deflection of beams, beams with fixed ends, continuous beams.

Practical work: Students are required to attend demonstrations at the University 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.

Exercises are set regularly and must be completed to the satisfaction of the lecturer.

Text-book:

Andrews, E. S., *The theory and design of structures* 1952, (Chapman & Hall).

Reference-books:

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. - 1937.

1211. Hydraulics (T).

Pre-requisite subject: Physics I (221).

Pre-requisite or concurrent subjects: Applied Mathematics (T) (1153), and Pure Mathematics II (T) (1152).

Lectures: Fluid statics, hydrology, flow in artificial channels, measurement of flow; dimensional analysis, hydraulic machinery and plant, principles of hydraulic design.

Practical work: Nine sessions in the laboratory covering measurements of flow and friction; tests on hydraulic machinery.

Text-book:

Lewitt, E. H., *Hydraulics* (Pitman).

Reference-books:

Davis, C. V., *Handbook of applied hydraulics* 1952, (McGraw-Hill).

Daugherty, R. L. & Ingersoll, A. C., *Fluid mechanics* 1954, (McGraw-Hill).

Foster, E. E., *Rainfall and run off* (Macmillan).

Whisler, C. O. & Brater, E. F., *Hydrology*, 1949 (Wiley).

1212. Engineering Drawing and Design I.

Pre-requisite subjects: Leaving Mathematics I and II.

The work covered is a course of plane and solid geometry, perspective projection, and dimensioned sketching. Students must, before commencing the course, provide themselves with an approved set of drawing instruments.

Plane Geometry: Instruments and their uses; line types and their uses; division of lines and angles; scale; polygons; tangents to circles, curves in contact; construction for ellipse parabola, hyperbola, involutes, cycloids.

Solid Geometry: First and third angle projections of points, lines, surfaces, and simple solids; true shapes of surfaces in any plane applied to pyramids and cones; true lengths of lines applied to surface development; plans and elevations of intersecting solids and their envelopes; stretch-outs of pipes; development of irregular surfaces by triangulation; auxiliary projection and rotation; isometric, dimetric, and trimetric projections and drawings of simple parts.

Perspective: A brief outline of the principles of perspective drawing; definitions and terms; simple problems on surfaces, prisms, cubes.

Dimensioned Sketching: Freehand sketching of simple parts showing views and sections necessary to portray the object completely; dimensioning of sketches.

Text-books:

French, T. E., & Vierck, C. J., *Manual of engineering drawing*, 8th edition, 1953 (McGraw-Hill).

Australian standard engineering drawing practice (S.A.A. Code No. CZ1-1951).

1213. Engineering Drawing and Design II.

Pre-requisite subjects: Engineering Drawing and Design I (1212), Pure Mathematics I (T) (1151). If *either* Strength of Materials (T) (1208) *or* Materials and Structures (1209) has not been passed, it must be taken concurrently.

Lectures: The design of simple machine elements; general principles of detail design; the influence of manufacturing processes in design; thin cylinders; riveted joints; welded joints; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; sliding and rolling bearings (introductory treatment only); 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:

Faires, V. M., *Design of machine elements*, 3rd edition, 1955, (Macmillan),

B.S.S. 1916: Part 1: 1953, *Limits and fits for engineering*.

B.S.S. 1916: Part 2: 1953, *Guide to selection of limits and fits*.

Reference-books:

S.A.A. CB1-1942, *Boiler code*.

S.A.A. Int. 351, *Structural steel in building*.

S.A.A. Int. 352, *Metallic arc welding*.

1214 Workshop Practice I.

Lectures: The fundamentals of workshop organisation; common operations and processes — patternmaking, foundry work, welding, soldering and brazing, machine shop practices; safety principles.

Practical work: Simple exercises in grinding, chipping, filing, drilling, boring, turning, forging, welding, the use of common measuring tools.

1215. Workshop Practice II.

A course in more advanced machine shop practice, welding and heat treatment consisting of lectures, demonstrations, and practical work.

Laying out work, scraping machine parts; tool grinding; turning; screw cutting; milling; planing and shaping; adjustment of cutting tools and cutting speeds and feeds; manual and automatic A.C. and D.C. arc welding; spot, seam, butt, and flash resistance welding; flame machining and hard surfacing; protective metal coatings; fundamentals of toolmaking; heat treatment; gear cutting; thread milling and generating; cylindrical and surface grinding and chucking; turret and automatic screw machine practice; grinding and lapping; broaching; alignment and babbitting of bearings; precision measuring; presses and press tools.

1216. Principles of Business and Industry.

A study of the elements of: the law of contracts; principal and agent; sale of goods; negotiable instruments; insurance; bailment; bills of sale; liens; guarantee; workmen's compensation; Registration of Business Names Act.

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; investments, nominal and effective yields; 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; filing; budgeting within the business—its purpose and method; costing—elementary principles of historical, job, process and standard costing.

Text-book:

First term—Yorston & Fortescue, *Australian mercantile law*, 8th edition.

Other books will be notified in class.

1251. Analytical Chemistry.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures: One hour a week throughout the year dealing with the electrochemical methods of analysis — polarography, potentiometry, conductometric analysis, and electro depositions; 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.

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* 1954, (McGraw-Hill).

Reference-books:

Vogel, A. I., *A textbook of quantitative inorganic chemistry* (2nd edition) 1951, (Longmans).

Belcher, R., & Godbert, A. L., *Semi-micro quantitative organic analysis* (2nd edition), 1954 (Longmans).

1252. Applied Chemistry — Inorganic.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures: An advanced course in which the unit processes of inorganic chemical technology are considered in some greater detail, emphasis being placed on the underlying physico-chemical theory. The subject matter deals with mass and energy balances and thermodynamics and kinetics as applied to selected homogeneous, heterogeneous and catalytic systems.

Practical work: One day a week for one and a half terms devoted to bench scale projects designed to illustrate the salient features of selected inorganic unit processes.

Text-books:

Shreve, R. N., *The chemical process industries* (2nd edition) 1956, (McGraw-Hill).

Kirkbride, C. G., *Chemical engineering fundamentals* 1947, (McGraw-Hill).

Reference-books:

Hougen, O. A., Watson, K. M. & Ragatz, R. A., *Chemical process principles* Vol. I. (2nd edition), (Wiley).

Mantell, C. L., *Industrial-electrochemistry* (3rd edition), (McGraw-Hill).

Note: It is desirable that students should take subjects (1252) and (1253) concurrently, as the theoretical aspects of the two courses are closely integrated.

1253. Applied Chemistry — Organic.

Pre-requisite subject: Organic Chemistry II (236).

Lectures: An advanced course in the unit processes of organic chemical technology dealing with the elements of thermodynamics and kinetics, mass and energy balances, and the analysis of process variables relating to plant design.

Practical work: One day a week for one and a half terms devoted to bench scale projects designed to illustrate the salient features of selected organic unit processes.

Text-books:

Shreve, R. N., *The chemical process industries* (2nd edition), (McGraw-Hill).

Groggins, P. H., *Unit processes in organic syntheses* (4th edition), (McGraw-Hill).

Reference-books:

Hougen, O. A., Watson, K. M. & Ragatz, R. A., *Chemical process principles* Vol. I (2nd edition), (McGraw-Hill).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill).

1254. Extractive Metallurgy I.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Technology (1257).

Lectures: Two hours a week throughout the year dealing with the unit processes of pyrometallurgy (drying, calcining, roasting, sintering and agglomeration, smelting, converting and refining), hydrometallurgy (leaching, separation and precipitation), and electrometallurgy. Attention is given to plant operation and performance although the treatment is based essentially on physico-chemical principles.

Practical work: Six 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* 1954, (Garnet Miller).

Butts, A., *Metallurgical problems* 1943, (McGraw-Hill).

Reference-books:

Bray, J. L., *Ferrous production metallurgy* 1942, (Wiley).

Bray, J. L., *Non-ferrous production metallurgy* 1941, (Wiley).

van Arsdale, G. D., *Hydrometallurgy of base metals* 1953, (McGraw-Hill).

Mantell, C. L., *Industrial electrochemistry* 1940, (Wiley).

1255. Extractive Metallurgy IA.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Technology (1257).

Lectures and Practical work: A limited treatment of Extractive Metallurgy I (1254) amounting to one hour's lecture and three hours' practical work a week throughout the year.

Text and reference-books:

As for Extractive Metallurgy (1254).

1256. Industrial Instrumentation.

Pre-requisite subjects: Chemistry I (231) or IA (232) and Physics I (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 temperature, pressure, liquid level, flow, and composition analysis and certain mechanical measurements 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 exhibit the characteristics of various kinds of industrial instruments, their calibration and their fields of application as indicators, recorders and controllers.

Text-book:

Ekman, D. P., *Principles of industrial process control* 1945, (Wiley).

Ekman, D. P., *Industrial instrumentation*, 1951 (Wiley).

1257. Process Technology.

Pre-requisite subjects: Chemistry I (231) and Physics I (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 27 lectures are devoted to unit operations (including mineral dressing), 21 lectures to unit processes (chemical—inorganic and organic) and 15 lectures to unit processes (metallurgical—extractive).

Reference-books:

Shreve, R. N., *Chemical process industries* 1956, (McGraw-Hill).

Hayward, C., *An outline of metallurgical practice* 1952, (McMillan).

Laner, B. E. and Hockman, R. F., *Chemical engineering techniques* 1956, (Reinhold).

Riegel, E. R., *Chemical machinery* 1944, (Reinhold).

1258. Unit Operations.

Lectures: Size reduction; size separation; solids separation; mixing; filtration and sedimentation; extraction; heat transfer; distillation; evaporation; gas absorption; humidity and air conditioning; water cooling; drying; control of process variables.

Practical work: Quantitative bench scale work designed to illustrate the principle of unit operations.

Tutorial class: The solution of simple problems closely connected with the laboratory work.

Text-book:

Badger, W. L., and Bancherd, J. T., *Introduction to chemical engineering* 1955 (McGraw-Hill).

Reference-books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill).

Brown, G. G., *Unit operations* (Wiley).

Perry, J. H., *Chemical engineers handbook* (3rd edition) (McGraw-Hill).

1259. Mineral Dressing I.

Pre-requisite subjects: Geology IA (251A), Physical and Inorganic Chemistry IIA (234).

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.

Seminar: Three hours a week for two terms of flow sheet studies and design problems. Characteristic flow sheet patterns are developed and the elements of material balances, circuit design, machine selection and design are studied.

Practical work: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of ore dressing.

Project: Six hours a week for one term devoted to the laboratory investigation of treatment methods for an unknown ore.

Text-book:

Taggart, A. F., *Elements of ore dressing* 1951, (Wiley).

Reference-books:

Gaudin, A. M., *Principles of mineral dressing* 1939, (McGraw-Hill).

Taggart, A. F., *Handbook of mineral dressing* 1945, (Wiley).

Sutherland, K. L. & Wark, I. W., *Principles of flotation* 1955, (Australasian Institute of Mining and Metallurgy).

Michell, F. B., *The practice of mineral dressing* 1950, (Electrical Press).

1260. Mineral Dressing IA.

Pre-requisite subjects: Geology IA (251A), Physical and Inorganic Chemistry IIA (234).

Lectures: An introductory course of lectures in 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: A short course of laboratory experiments embracing the principal operations of mineral dressing.

Text-book:

Pryor, E. J., *An introduction to mineral dressing* 1955, (Mining Publications Ltd.)

Reference-books:

Gaudin, A. M., *Principles of mineral dressing* 1939, (McGraw-Hill).

Taggart, A. F., *Handbook of mineral dressing* 1945, (Wiley).

1261A. Physical Metallurgy I.

Pre-requisite subjects: Chemistry I or IA (231 or 232) and Physics I (221).

Lectures: One hour a week throughout the year, dealing with the structure and physical properties of metals, mechanical testing, mechanism of solidification, commercial casting processes, powder metallurgy, recrystallization and grain growth; the phase rule and the constitution of binary alloys; metallography of iron and steel; heat treatment of steels; alloy steels; surface hardening processes; metallography of non-ferrous alloys; welding; principles of pyrometry; kinetics of phase changes; heat flow in steels; equilibria in aqueous solutions, electroplating, corrosion and protection.

Practical work: Three hours a week throughout the year of experiments designed to illustrate the fundamental properties of metals and alloys.

Text-book:

Guy, A. G., *Elements of physical metallurgy* 1951 (Addison-Wesley).

Reference-books:

Doan, G. E., *Principles of physical metallurgy* (McGraw-Hill).

Sachs, G., and Van Horn, K. R., *Practical metallurgy*, 1942 (American Society for Metals).

Rollason, *Metallurgy for engineers*, 1950 (Arnold).

Metals handbook, 1948 edition, (American Society for Metals).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions*, 1949 (Arnold).

Evans, J. R., *Introduction to metallic corrosion*, 1948 (Arnold).

1261. Physical Metallurgy II.

Pre-requisite subject: Physical Metallurgy I (1261A).

Lectures: A course of approximately 30 lectures covering:—

- (1) 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;
- (2) 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* 1947, (Melbourne University Press).
Hollomon, J. H. & Jaffe, L. D., *Ferrous metallurgical design* 1947, (Wiley).

Reference-books:

Bain, E. C., *Functions of the alloying elements in steel* 1945, (American Society for Metals).
Barrett, C. S., *Structure of metals* (McGraw-Hill).
Masing, G. & Rogers, B. A., *Ternary systems* (Reinhold).
Shillaber, *Photo-micrography*.
Hume-Rothery, W., & Raynor, G. V., *Structures of metals and alloys* 1954, (Inst. Metals, London).
Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

1262. Physical Metallurgy III.

Pre-requisite or concurrent subject: Physical Metallurgy II (1261).

Lectures: A course of approximately 30 lectures dealing with:—

- (1) 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.
- (2) Electron theory of metals and alloys; application of X-ray diffraction methods to metallurgical problems.
- (3) Deformation and fracture; dislocation theory.

Practical work: Nine hours a week throughout the year of which six hours are devoted to experiments designed to illustrate the subject matter of the lectures and three hours to a suitable project.

Reference-books:

Barrett, C. S., *Structure of metals* 1953 (McGraw-Hill).
Hume-Rothery, W. & Raynor, G. V., *Structure of metals and alloys* (Inst. Metals).
Cottrell, A. H., *Theoretical structural metallurgy* 1956, (Arnold).
A.S.M.E. Handbook, *Metals engineering design* 1953, (McGraw-Hill).
Campbell, I. E., *High temperature technology* 1956, (Wiley).

1263. Metal Fabrication.

Pre-requisite subject: Physical Metallurgy I (1261A) or Engineering Materials (1270).

Lectures: One hour a week throughout the year dealing with the mechanical working and joining of commercial metals and alloys.

Text-book:

Wulff, J., Taylor, H. F. & Shaler, A. J., *Metallurgy for engineers*, 1952, (Wiley).

Reference-book:

Metals handbook, 1948 edition (American Society for Metals).

1264. Foundry Practice.

Pre-requisite subject: Physical Metallurgy I (1261A) or Engineering Materials (1270).

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 throughout the year of experiments designed to illustrate the subject matter of the lectures.

Text-books:

Wulff, J., Taylor, H. F. & Shaler, A. J., *Metallurgy for engineers*, 1952, (Wiley).

Heine, R. W. & Rosenthal, P. C., *Principles of metal casting*, 1956, (McGraw-Hill).

Reference-book:

Metals handbook, 1948, (American Society for Metals).

1265. Industrial Economics.

Pre-requisite subject: Process Technology (1257).

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).

Graves, R. & Hodge, A., *The reader over your shoulder*, 1943, (Cafe).

Kirkbride, C. G., *Chemical engineering fundamentals*, 1947, (McGraw-Hill).

Burnham, T. H., *Engineering economics*, 2 Vols., 1944, (Pitman).

Campbell, W., *Business practice and principles*, Part I (2nd edition) (Pitman).

Corley, H. M., *Successful commercial chemical development*, 1954, (Wiley).

1266. Fluid Mechanics.

Pre-requisite subjects: Pure Mathematics I (T) (1061), Physics I (221).

Lectures: A course in fluid flow as applied to the motion of solids through fluids and of fluids through pipes, channels and over weirs; flow measurement; fluid pumping; an introduction to fluid flow through porous media as applied to filtration.

Practical work: Three hours a week for one term of laboratory experiments designed to illustrate the principles of fluid flow.

Text-book:

Brown, G. G., *Unit operations*, 1950, (Wiley).

1267. Chemistry I (Inorganic), (T).

The syllabus is that prescribed for Chemistry IA (232).

1268. Chemistry I (Organic) (T).

Lectures: The natural sources of organic compounds; their extraction and purification; crystallization, melting points, distillation, fractional distillation.

Qualitative and quantitative examinations of organic compounds; the tetravalency of carbon; hybridization of carbon orbitals.

Homologous series; paraffins, olefines, acetylenes, cyclic compounds; the aromatic and heterocyclic compounds; isomerism; configuration; straight and branched chains; petroleum and its derivations; liquid fuels; substitution and addition reactions; characteristic groups and radicles.

Alkyl halides, alcohols, ethers, esters, oils and fats, saponification.

Aldehydes and ketones, organic acids; acid chlorides, acid amides, nitrites; urea, malonic ester; amines, amino-acids.

Stereo-isomerism of lactic and tartaric acids; geometrical isomerism.

Benzene; nitration and sulphonation; phenol and cresols; aniline; diazo-compounds, dyeing.

Carbohydrates; glucose, fructose, and sucrose.

Muta-rotation; starch.

Practical: Purification of organic compounds; crystallization, distillation, steam distillation; melting point and boiling point determinations.

Preparation and examination of some organic compounds, e.g., acetaldehyde, chloroform, iodoform, ethyl acetate, nitrobenzene, etc.

Qualitative organic analysis; properties of common organic compounds.

Reactions of aniline and the diazonium salts.

Preparation of derivatives.

Books recommended:

English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill).

1269. Assaying.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

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).

Reference-book:

Young, R. S., *Industrial inorganic analysis* (Chapman & Hall).

1270. Engineering Materials.

Pre-requisite subjects: Chemistry IA (232) and Physics I (221).

Lectures: Approximately 26 lectures providing an elementary introduction to metals and binary alloys, heat treatment, melting and casting of alloys; fuels; clay products; electrical and magnetic materials; plastics, rubber, adhesives; lubricants and bearing alloys; paints.

Practical: Eighteen practical sessions, each of three hours duration, devoted to experiments illustrating the properties of the materials discussed in lectures.

Text-book:

Rollason, *Metallurgy for engineers* (Arnold).

Reference-books:

Griswold, J., *Fuels, combustion and furnaces*, 1946, (McGraw-Hill).

White, A. H., *Engineering materials*, 1948, (McGraw-Hill).

Sachs and Van Horn, *Practical metallurgy* (Am. Soc. Metals).

Metals Handbook, 1948 edition (Am. Soc. Metals).

Leighou, *Chemistry of engineering materials* (McGraw-Hill).

Bawn, *Chemistry of high polymers* (Interscience).

Norton, *Refractories* (McGraw-Hill).

1280. Industrial Microbiology I

Pre-requisite subjects: Biology (269), Physics I (221) and Chemistry I (231).

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 ed., 1949) (McGraw-Hill).

Reference books:

Chalmers, C. H., *Bacteria in relation to milk supply* (Arnold).
 Hammer, B. W., *Dairy bacteriology* (3rd ed., 1948) (Wiley).
 Waksman, S. A., *Soil microbiology* (Wiley).
 Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, San Francisco, 1954).

1281. Industrial Microbiology II

(This course will not be given until 1959.)

Pre-requisite subject: Industrial Microbiology I (1280).

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.

DEGREE OF BACHELOR OF ARCHITECTURE.

FIRST YEAR

1301. 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.

Text-books:

McKay, W. B., *Building construction*, Vol. I (Longmans).
 Sharp, W. W., *Australian building methods* (Angus & Robertson).
 Reid, D., *Building science*, Vol. I (Longmans).

1302. Mathematics.

The course will be that prescribed for Pure Mathematics I (201).

1303. Building Science I.

The nature and properties of materials; manufacturing problems; physical phenomena; density; moisture and porosity; elementary light measurement; elementary electricity.

1304. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece, Rome, Early Christian, Byzantine and Medieval periods.

Text-books:

Allsop, H. S., *The general history of architecture* (Pitman).
 Fletcher, B., *History of architecture* (Batsford).

1305. Architectural Design and Planning I.

The architect in society; the role and function of architecture historically and today; building elements; building forms.

Text-books:

Robertson, H., *Principles of architectural composition* (Arch. Press).
Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

1306. 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).

1307. Studio Work I.

Practical exercises to illustrate problems arising in building construction, building science, architectural design and architectural and free drawing lectures.

SECOND YEAR.**1311. Building Construction II.**

Roads, paths and pavings. Retaining walls, boundary walls and fences. Upper floor construction and fireplaces. Roofing. Internal wall and ceiling finishes. Drainage and plumbing. Water services and sanitary fittings. Domestic hot water supply and heating systems. Gas and electricity services. Staircase construction. Framed timber roof construction. Windows and doors. Framed buildings—introduction.

Text-books:

McKay, W. B., *Building construction*, Vol. II (Longmans).
Sharp, W. W., *Australian building methods* (Angus & Robertson).
Reid, D., *Building science*, Vol. II (Longmans).

1312. Structures I.

Statically determinate plane frames. Shearing 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.

1313. Building Science II.

Electricity supply and wiring installations. Sound and acoustics. Structural properties of and treatment of materials. Sheet materials. Water proofers. Water hardness and softening systems. Structure and use of timber. Condensation. Insulation methods. Heating and ventilating.

1314. History of Architecture II.

Renaissance architecture in Italy, France, England, Spain and Germany. The Regency, 19th and 20th centuries architecture with colonial adaptations. 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).

1315. Architectural Design and Planning II.

The theory of planning including programme organisation: grouping and circulation. The science of colour and decoration. The use of three-dimensional models.

Text-books:

Robertson, H., *Principles of architectural composition* (Arch. Press).
Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

1316. Studio Work II.

Practical exercises to illustrate building construction, building science and architectural design lectures.

THIRD YEAR.

1321. Building Construction III.

Timber frame construction. Joinery, cupboards, etc., and hardware. Steel frame construction. Concrete slab floors and roofs. Stepped foundations. Specifications and quantities. Joinery, fitments, etc. Special doors and windows. Design of load-bearing brickwork: crosswall construction. Panel walling. Roofs and rooflights. Staircases, fire-resisting and special. Office foundations; site work and supervision. Shoring: timbering to trenches. Designed foundations.

Text-books:

McKay, W. B., *Building construction*, Vol. III (Longmans).
Sharp, W. W., *Australian building methods* (Angus & Robertson).
Reid, D., *Building science*, Vol. III (Longmans).

1322. Structures II.

Deflection of 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.

1323. Building Science III.

Concreting cements and special cements; dense and lightweight concretes. Surface finishes; pre-cast products. Agents of decay in building materials. Thermal properties of materials. Artificial illumination. Ceramics.

1324. Professional Practice I.

Specifications.

Text-book:

Willis, A. J., *Specification writing for architects and surveyors* (Lockwood).

1325. Surveying.

The construction, use and adjustment of surveyor's dumpy level, theodolite, the Cowley level, optical square, Abner's clinometer, plane table, steel tape and staff. Chain surveys, levelling, traverses, measurements and setting out of earth-work; simple tacheometry and computation of traverses and levels; areas and volumes with straight and irregular boundaries; the determination of azimuth. Plotting and finishing plans and sections. The planimeter.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable), or
Knight, B. H., *Surveying and levelling for students* (Contractors Record).

1326. Architectural Design and Planning III.

The relationship of planning to environment. Contemporary architectural form. Housing. Visual arts. Landscape and silviculture.

Text-books:

Robertson, H., *Modern architectural design* (Arch. Press).
Robertson, H., *Principles of architectural composition* (Arch. Press).
Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

1327. Studio Work III.

Practical exercises to illustrate building construction, building science and architectural design.

FOURTH YEAR.**1331. Building Construction IV.**

Fire services, requirements, etc. Structural economics. Internal finishes to floors, walls, ceilings. Ductwork. Specification. Glass brick and glass concrete construction. Roof coverings and lights. Steel-framed buildings. Special structures: factories, large span roofs, etc. Lifts and escalators. Multi-storey buildings in concrete. Cladding of framed structures. Unorthodox framed structures. Movement in buildings. Exposed concrete finishes. Natural and reconstructed stone.

1332. Structures III.

Analysis of indeterminate framed structures. Two-pin arches. Multi-storey building frames. Moment distribution. Concrete mix design. Design of reinforced concrete members.

1333. Building Science IV.

Fire resistance of building materials and protective methods. Illumination. Bearing properties and classification of soils. Protection and decoration of materials and surface finishes. Moisture movement of materials.

1334. Professional Practice II.

The Building Act; Building by-laws. The client relationship. Research. Consultants. Costing and bills of quantities. The contract and tendering procedure. Site organisation and responsibility. Office records, certifications and accounts. Site supervision.

Text-books:

Eggleston, H. S., *The practising architect* (Melb. U.P.).

The Building Act, 1923-53.

Willis, A. J., *The elements of quantity surveying* (Lockwood).

1335. Studio Work IV.

Practical exercises to illustrate building construction, and building science, and more advanced design projects.

FIFTH YEAR.**1341. Structures IV.**

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

1342. Building Science V.

The design and control of concrete. Water supply and treatment methods. The design and operation of sewage disposal systems. Problems of corrosion, inhibitors and treatment. Specialized problems of acoustics, illumination, soil stabilization, street lighting, etc.

1343. Professional Practice III.

The code of professional conduct. The standard form of contract and the law of building contracts. Disputes and arbitration. Bankruptcy and liquidated damages. Programming and progress of contracts. Building Act, public health and town planning by-laws or enactments. Dilapidations. The organisation of Government and Local Government Departments. The standard fee scales.

Text-book:

Eggleston, H. S., *The practising architect* (Melb. U.P.).

1344. Town and Country Planning and Civic Design.

The history of town planning. Study of the historical background and examples. The history of Australian towns. The development of transportation. Planning techniques today. The garden cities movement. The town planning pioneers. 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-books:

Sharp, T., *Town planning* (Penguin).

Brown and Sherrard, *Town and country planning* (Melb. U.P.).

1345. Studio Work V.

Practical exercises to illustrate building science lectures and advanced projects in architectural design.

1346. Architecture Thesis

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

1347. Honours Degree of Bachelor of Architecture.

For Honours students additional seminar courses will also be made available in 4th and 5th years dealing with the following subjects:

Civic design.

Landscape architecture.

Building science.

Industrial design.

Factory production and prefabrication.

Housing.

Architecture and climate.

The visual arts in building.

TIME-TABLES FOR 1958

By decision of the Council, classes in most Faculties that would normally have been held between 2 p.m. and 5 p.m. on Monday and Friday afternoons will be held between 2.30 p.m. and 5.30 p.m.

Students should therefore make appropriate adjustments in the time-tables published in the following pages.

TIME-TABLES FOR 1958
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
	Elementary Greek		Times to be arranged				
	Greek I	—	9	9	9	—	—
2	Greek II	—	9	9-11	9	—	—
3	Greek III		Times to be arranged				
5	Latin I Day Night	11 5.15-7.15	11	11	5.15-7.15	11	—
6, 7	Latin II and III	12	12	12*	12	—	—
9	Comparative Philology	5	—	—	5	—	—
11	Honours Classics		Times to be arranged				
20	English IA Day Night	12 5.15	—	5.15	11	—	—
21	English I Day Night	—	12 5.15	—	—	12 5.15	—
22	English II Even Years Odd Years	—	11 5.15	—	—	11 5.15	—
23	English III Even Years Odd Years	—	5.15 11	—	—	5.15 12	—
28	Honours English		Times to be arranged				
31	French I—Lectures .. Day Night	—	10 6.15	—	—	10 6.15	—
	Oral Day Night	—	—	10 6.15	—	—	—
	Tutorials		Times to be arranged				
32	French II Lectures	10	—	—	10	—	—
	Oral		Times to be arranged				
33	French III Lectures	—	9	—	—	9	—
	Oral		Times to be arranged				
35, 36, 38	Old and Middle French I and II and Honours French ..		Times to be arranged				
41	German I	—	9	10	10	—	—
42	German II	—	4.15	—	4.15	4.15	—
43	German III	—	5.15	4.15	—	4.15	—
48	German Honours First Year .. Second Year .. Second and Final Years ..	— 4.15 —	— — 5.15	5.15 — —	4.15 — 5.15	— — —	— — —
	Seminar for all Honours German Students	—	—	—	—	6.45	—
49	Scientific German Beginners .. Advanced ..		Two hours to be arranged One hour to be arranged				
51	Social History Even Years Odd Years	9 —	— 7.15	9 —	— 7.15	— —	— —
52	History I	6.15	—	—	6.15	—	—
53	History IIA Even Years Odd Years	— 5.15	— —	12 —	— 5.15	12 —	— —
54	History IIB Even Years Odd Years	6.15 —	— 10	— —	6.15 10	— —	— —

* Latin III, third term only.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
55	History III	5.15	—	—	5.15	—	—	
58	Honours History	Times to be arranged						
61	Politics I Even Years	—	7.15	—	—	7.15	—	
	Odd Years	—	9	—	—	9	—	
62	Politics II Even Years	9	—	—	9	—	—	
	Odd Years	6.15	—	—	6.15	—	—	
63	Politics IIIA Even Years	7.15	—	—	7.15	—	—	
	Odd Years	9	—	—	9	—	—	
64	Politics IIIB Even Years	—	10	—	—	10	—	
	Odd Years	—	5.15	—	—	5.15	—	
68	Honours Politics	Times to be arranged						
71	Philosophy I Day	11	—	—	11	—	—	
	Night	—	5.15	—	—	5.15	—	
72	Philosophy IIA	}	Times to be arranged					
73	Philosophy IIB		Times to be arranged					
74	Philosophy IIIA		Times to be arranged					
75	Philosophy IIIB		Times to be arranged					
78	Honours Philosophy	Times to be arranged						
81, 80	Psychology I and IA Lectures Day	10	—	—	10	—	—	
	Night	5	—	—	5	—	—	
81	Psychology I—Psychometrics ..	—	—	5	—	—	—	
	Laboratory, Day	—	2-4	—	—	—	—	
	Night	—	7-9	—	—	—	—	
82	Psychology IIA—Lectures	4	4	—	—	—	—	
	Psychometrics	—	5	—	—	—	—	
	Laboratory	—	—	—	6-9	—	—	
83	Psychology IIB—Lectures	4	4	—	—	—	—	
	Psychometrics	—	5	—	—	—	—	
	Laboratory	—	—	—	6-9	—	—	
84	Psychology IIIA—Lectures	4	4, 5	—	—	—	—	
	Psychometrics	—	—	4	—	—	—	
	Laboratory	—	Times to be arranged					
85	Psychology IIIB—Lectures	}	Times to be arranged					
	Psychometrics		Times to be arranged					
	Laboratory		Times to be arranged					
91	Geography I—Lectures	11	—	—	11	—	—	
	Day—Each Year		—	5.15	—	—	5.15	—
	Night—Odd Years		Time to be arranged					
	Practical (one hour)		Time to be arranged					
92	Geography II—Lectures	4.15	—	—	4.15	—	—	
	Practical	Times to be arranged						
93	Geography III (first and second terms)	7.15-9.15	4.15-6.15	—	—	4.15	9-11	
	Third term	—	—	4.15	—	4.15	—	
95	Economic Geography Even Years	—	9	—	9	—	—	
	Odd Years	—	7.15	—	—	7.15	—	
	Tutorial (one hour)	Time to be arranged						
98	Honours Geography	Times to be arranged						
101	Education Day	—	2	—	2	—	—	
	Night	—	5	—	5	—	—	
141	History of Thought	—	4	—	—	—	—	

N.B.—All Economics subjects—
under Faculty of Economics.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
DIPLOMA IN EDUCATION								
105	Hygiene	9	—	—	—	6.15	—	
108	Pre-Primary Education III ..	4.30	—	—	—	—	—	
111	Primary Education III	—	—	4.30	—	—	—	
114	Secondary Education III ..	Times to be arranged					—	—
117	Educational Psychology II ..	—	—	—	—	4.30	—	

FACULTY OF ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
150	Social Economics Even Years	5.15	—	—	5.15	—	—	
	Odd Years	—	—	12	—	12	—	
151	Economics I .. Even Years	5.15	—	—	5.15	—	—	
	Odd Years	—	—	12	—	12	—	
152	Economics II .. Even Years	—	—	10	—	10	—	
	Odd Years	—	—	5.15	—	5.15	—	
153	Economics III .. Even Years	5.15	—	5.15	—	5.15	—	
	Odd Years	10	—	10	—	10	—	
154	*Economic Development	—	—	—	—	—	—	
	Even Years	—	11	—	—	11	—	
	Odd Years	5.15	—	5.15	—	—	—	
156	Agricultural Economics ..	—	—	2	2	—	—	
158	Honours Economics	Times to be arranged					—	—
161	Economic Statistics I Even Years	—	—	12	—	12	—	
	Odd Years	5.15	—	—	5.15	—	—	
162	Economic Statistics II Odd Yrs. only ..	Times to be arranged					—	—
169	Public Finance Odd Years only	Times to be arranged					—	—
171	Elements of Accounting	—	—	—	—	—	—	
	Even Years	—	12	—	12	—	—	
	Odd Years	—	5.15	—	5.15	—	—	
172	Management Accounting	—	—	—	—	—	—	
	Even Years	—	5.15	—	5.15	—	—	
	Odd Years	—	12	—	12	—	—	
173	Financial Accounting Even Years	—	12	—	12	—	—	
	Odd Years	—	5.15	—	5.15	—	—	
174	Cost Accounting Even Years	—	5.15	—	5.15	—	—	
	Odd Years	—	—	5.15	—	5.15	—	
181	Commercial Law A Even Years	—	—	5.15	—	5.15	—	
	Odd Years	8.45 a.m.	—	—	—	8.45 a.m.	—	
182	Commercial Law B Even Years	—	5.15	—	5.15	—	—	
	Odd Years	—	—	5.15	—	5.15	—	
55	History IIB .. Even Years	6.15	—	—	6.15	—	—	
	Odd Years	—	10	—	10	—	—	
95	Economic Geography Even Years	—	9	—	9	—	—	
	Odd Years	—	7.15	—	—	7.15	—	
	Tutorials (One Hour)	Times to be arranged					—	—

Times for tutorial classes will be arranged at commencement of lectures.

* Not available until 1959.

NIGHT LECTURES FOR 1958

FACULTIES OF ARTS, SCIENCE AND ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
5	Latin I	5.15-7.15	—	—	5.15-7.15	—	—
9	Comparative Philology	5	—	—	5	—	—
20	English IA	5.15	—	5.15	—	—	—
21	English I	—	5.15	—	—	5.15	—
23	English III	—	5.15	—	—	5.15	—
31	French I—Lectures	—	6.15	—	—	6.15	—
	Oral	—	—	6.15	—	—	—
41	German I	—	No night lectures in 1958.			—	—
42	German II	—	4.15	—	4.15	4.15	—
43	German III	—	5.15	4.15	—	4.15	—
52	History I	6.15	—	—	6.15	—	—
54	History IIB	6.15	—	—	6.15	—	—
55	History III	5.15	—	—	5.15	—	—
61	Politics I	—	7.15	—	—	7.15	—
63	Politics IIIA	7.15	—	—	7.15	—	—
71	Philosophy I	—	5.15	—	—	5.15	—
81, 80	Psychology I and IA	5	—	—	5	—	—
81	Psychology I Psychometrics	—	—	5	—	—	—
	Laboratory	—	7-9	—	—	—	—
91	Geography I Lectures	No night lectures in 1958.					
	Practical (one hour)						
92	Geography II Lectures	4.15	—	—	4.15	—	—
	Practical	Time to be arranged					
93	Geography III (first and second	7.15-9.15	4.15-6.15	—	—	4.15	9-11
	terms)	—	—	4.15	—	4.15	—
	Third term						
95	Economic Geography	No night lectures in 1958.					
	Tutorial (one hour)						
101	Education	—	5	—	5	—	—
105	Hygiene	—	—	—	—	6.15	—
150	Social Economics	5.15	—	—	5.15	—	—
151	Economics I	5.15	—	—	5.15	—	—
153	Economics III	5.15	—	5.15	—	5.15	—
172	Management Accounting	—	5.15	—	5.15	—	—
174	Cost Accounting	—	5.15	—	5.15	—	—
182	Commercial Law B	—	5.15	—	5.15	—	—
201	Pure Mathematics I	5.15	—	5.15	—	5.15	—
221	Physics I—Lectures	5.15	—	5.15	—	5.15	—
	Practical	6.15-8.15	—	6.15-8.15	—	—	—

NIGHT LECTURES—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
231	Chemistry I—Lectures *Practical (at S.M.)	5.15 —	—	5.15 7.15-10	—	5.15 7.15-10	—
251	Geology I—Lectures Practical	—	6.15 5.15	—	6.15 5.15	—	—
269	Biology Lectures Practical	—	—	6.15 7.15-9.45	—	6.15 7.15-9.45	—

* Candidates should consult the School of Mines authorities early in the year, and especially about practical work in Organic Chemistry.

FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS —						
201	Pure Mathematics I—Lectures .. Tutorials (1 hr.)	10 —	10 9	— —	10 9 §	— —
207	Applied Mathematics I—Lectures .. Tutorials (1 hr.)	11 —	11 —	— 12	11 10	— 11
216	First Year Honours Mathematics .. Tutorials (1 hr.)	10	10	—	10	—
Times to be arranged						
221	Physics I—Lectures Practical* Tutorial	9 2-5(A) —	— — —	9 — —	— 2-5(B) 9 §	9 — —
231	Chemistry I—Lectures Practical**	12 —	— 2-5(A) 10-1(B)	12 2-5(A) —	— 2-5(C) 10-1(B)	12 2-5(C) —
251	Geology I—Lectures Practical*	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)
261	† Botany I—Lectures Practical	— —	— 2-5	10 2-5	— —	10 —
269	Biology—Lectures Practical	— —	— 11-1	11 —	— 11-1	11 —
271	†† Zoology I—Lectures Practical	11 2-5	9 —	— —	— —	— 2-5
SECOND-YEAR SUBJECTS —						
203	Pure Mathematics II—Lectures .. Tutorials (1 hr.)	— 10	9 —	9 10	— —	9 —
209	Applied Mathematics II—Lectures Tutorials (1 hr.)	11 10, 12	11 —	— —	11 —	— —
213	Statistical Methods Tutorials	12 —	— —	— 2-4	9 —	— —
222	Physics II—Lectures Practical	— —	12 2-5	— —	12 —	12 2-5
233	Physical and Inorganic Chemistry II— Lectures Practical	— —	— —	12 2-5	9 2-5	11 —
235	Physical and Inorganic Chemistry IIB Lectures Practical †	9 —	— —	12 2-5	9 2-5	— —
236	Organic Chemistry II—Lectures .. Practical	9 10-5	— —	— —	10 —	10 —
252	Geology II—Lectures Practical	10 11 12	10 11 —	— — —	10 11 —	— — —
262	Botany II—Lectures Practical	— 10-12 ††	9 10-1	9 10-12 ††	— —	12 2-5
274	Zoology II—Lectures Practical	— 10-12 †† 2-5	— 2-5	— 10-12 ††	12 —	11, 12 —

* A candidate must attend either Session A or Session B.
 ** A candidate must attend either Session A or Session B or Session C.
 † Times for Genetics lectures in third term for students taking Botany I will be as follows:
 Lecture, Wednesday, 10; Practical, Wednesday, 2-5.
 †† Times for Genetics lectures in third term for students taking Zoology I will be as follows:
 Lecture, Tuesday, 9, Practical, Monday, 2-5.
 ‡ Students taking both Biochemistry I and Physical and Inorganic Chemistry IIB will attend practical periods
 at times to be arranged.
 †† These two periods are alternatives.
 § Subject to alteration.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
281	Biochemistry I—Lectures Practical	— —	— —	— 2-5	11 2-5	9 —
291	Bacteriology I—Lectures Practical	— —	9 10-1	9 10-1	— —	— —
296	Genetics I—Lectures Part A Part B Practical Part A (2 hrs.) Part B	9 — — 10-12	— — 2-4 —	— — 10-12 —	— — 9-11 —	— — 10 —
301	Histology	—	9-1	—	9-1	—
THIRD-YEAR SUBJECTS						
49	Scientific German—Beginners Advanced	— —	Two hours to be arranged One hour to be arranged			
205	Pure Mathematics III Tutorials (1 hr.)	9 —	— —	10 —	9 10	10 9
211	Applied Mathematics III Tutorials	— —	— —	10,11 —	— 10	10,11 9
214	Mathematical Statistics	—	Times to be arranged			
224	Physics III—Lectures Practical (9 hrs.)	4 All day	— —	— All day	4 All day	4 —
237	Physical and Inorganic Chemistry III Lectures Practical (12 hrs.)	— — —	9 All day	9 All day	— — —	9 — —
239	Organic Chemistry III—Lectures Practical	10 2-5	— —	— —	10 All day	10 All day
254	Geology III—Lectures Practical (12 hrs.)	9 All day	— —	— —	9, 11 All day	10 All day
257	Palaontology	—	Times to be arranged			
265	Botany III—Lectures Practical	— —	9 10-1	9 —	— —	9 All day
275	Zoology III—Lectures Practical	12 2-5	— 2-5	— —	12 2-5	11 —
282	Biochemistry II—Lectures Practical	9 10-1	— —	10 All day	9 10-1	— —
286	Physiology—Lectures Practical	10 2-5	— —	— 2-5	10 —	10 2-5
292	Bacteriology II—Lectures Practical	11 —	— —	11 —	— —	12 —
297	Genetics II—Lectures Practical	12 —	— —	— —	12 —	9 —

FACULTY OF ENGINEERING

The following time-tables are based on the five-year courses.

Note: Where alternative periods are shown, a candidate may be directed to attend at a particular period.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
FIRST-YEAR COURSES							
201	Pure Mathematics I—Lectures Tutorial (1 hr.)	10 11	10 —	— —	10 11	— —	— —
221	Physics I—Lectures Practical (3 hrs.) ..	9 —	— 2-5	9 2-5	— —	9 —	— —
231	Chemistry I—Lectures Practical *** ..	12 2-5	— —	12 —	— 2-5	12 —	— —
232	Chemistry IA—Lectures Practical (3 hrs.)	— —	9 —	— —	9 2-5	— 2-5	— —
406	Architectural History I—Lectures Practical	— —	— —	4.30-5.30 10-12	— —	— —	— —
416	Architectural Drawing I	—	11-1	—	11-1	—	—
421	Building, Construction and Drawing I—Lectures Practical ..	— —	— —	— —	— —	9-4 2-3 4-5	— —
424	Free Drawing I	2-4	—	—	—	—	—
481	Engineering Drawing I (4 hrs.)	—	11-1	10-12,1-5	1-5	—	—
491	First Aid**†—Lectures (as notified) Practical (2 hrs.) ..	—	5 To be arranged in the evening	—	—	—	—
492	General Engineering*	—	—	—	—	11	—
1214	Workshop Practice I*—Lectures Practical (3 hrs.)	— 2-5	— 2-5	— 10-1	— —	10 2-5	— 9-12
SECOND-YEAR COURSES							
204	Pure Mathematics IIA— Lectures Tutorial (1 hr.)	— 12	— —	9 11	— —	9 —	— —
205	Pure Mathematics IIB—Lectures Tutorial (1 hr.)	— 12	9 —	9 11	— —	9 —	— —
207	Applied Mathematics I—Lectures Tutorial (1 hr.)	11 —	11 —	— 12	11 10	— 11	— —
223	Physics II (B.E. course)— Lectures Practical (3 hrs.) ..	— 2-5	12 —	— —	12 2-5	— —	— —
234	Physical and Inorganic Chemistry IIA—Lectures Practical***	— —	— 12-5	12 —	9 —	— 12-5	— —
407	Architectural History II— Lectures Practical	— —	4.30-5.30 —	— 10-12	— —	— —	— —
411	Architectural Design I	—	—	—	9-11	10-12	—
417	Architectural Drawing II ..	—	2-4	—	2-4	—	—
422	Building, Construction and Drawing II—Lectures Practical ..	— —	— —	— —	— —	4 2-4	— —
425	Free Drawing II	—	—	2-4	—	—	—
437	Surveying I—Lectures Practical	— —	— 2-5	10 —	— —	— —	— —
481	Engineering Drawing I (4 hrs.)	—	11-1	10-12,1-5	1-5	—	—

* First two terms.

** First Aid may be taken in any year.

*** Practical work at School of Mines for Mining, Metallurgical and Chemical Engineering students only.

† One term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
492	General Engineering**	—	—	—	—	11	—
1214	Workshop Practice I**— Lectures	—	—	—	—	10	—
	Practical (3 hrs.)	2-5	2-5	10-1	—	2-5	9-12
1215	Workshop Practice II— Lectures	—	10	—	—	—	—
	Practical (3 hrs.)	2-5	—	—	2-5	2-5	—
THIRD-YEAR COURSES							
210	Applied Mathematics IIA— Lectures	—	11	—	11	—	—
	Tutorial (1 hr.)	—	—	12	—	12	—
251	Geology I—Lectures	—	—	11	—	11	—
	Practical†	—	12(A)	10(B)	12(A)	10(B)	—
401	Architectural Theory, Construc- tion and Practice I—Lectures Practical	— 2-5	— —	9 —	— —	— —	— —
412	Architectural Design II	—	2-5 6.30-9.30	—	—	—	—
434	Hydraulics—Lectures	—	—	—	12††	9**	—
	Practical (3 hrs.)‡	2-5	—	9-12	—	—	—
436	Strength of Materials— Lectures	—	9	—	9	—	—
	Practical (3 hrs.)	—	—	—	2-5	2-5	—
441	Electrical Engineering I— Part A—Lectures	—	—	—	10	10	—
	Practical (3 hrs.)***	—	—	9-12	2-5	—	9-12
	Part B—Lectures	—	—	—	—	11	—
	Practical (3 hrs.)*	—	—	9-12	2-5	—	9-12
461	Process Engineering I	9	—	—	10, 12††	—	—
467	Applied Physical Chemistry .. Lectures	12	—	2	—	—	—
	Practical	2-5	—	—	—	—	—
482	Engineering Drawing II— Lectures	10	—	—	—	—	—
	Practical (3 hrs.)	2-5	2-5	—	—	—	—
1261A	Physical Metallurgy I—Lectures Practical	— —	10 —	— —	— 2-5	— —	— —
1270	Engineering Materials— Lectures	11	—	—	—	—	—
	Practical (3 hours)***	2-5	2-5	2-5	—	—	—
FOURTH-YEAR COURSES							
251	Geology I—Lectures	—	—	11	—	11	—
	Practical†	—	12(A)	10(B)	12(A)	10(B)	—
	Practical†††	—	11	—	10	—	—
253	Geology II (B.E. course)***— Lectures	10	10	—	10	—	—
	Practical	11-1	11	—	—	—	—
256	Mining Geology*—Lectures .. Practical	— 10-1	10 11-12	— —	10 —	— —	— —
402	Architectural Theory, Construc- tion and Practice II— Lectures	— 12, 5.30	— —	— —	— —	9 —	— —
	Practical	9-12	—	—	—	—	—

* One term only.

** First two terms.

*** For two terms.

† Candidates must attend either session (A) or session (B).

†† Second term only.

††† Civil Engineering candidates only.

‡ For nine periods only.

‡‡ Third term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
413	Architectural Design III— ..	—	—	—	—	6.30-9.30	9-12	
431	Civil Engineering I—							
	Lectures	—	9	—	11	—	—	
	Laboratory (3 hrs.)* ..	2-5	—	9-12	—	—	—	
	Drawing Office	—	—	—	2-5	—	—	
434	Hydraulics—							
	Lectures	—	—	—	12††	9†††	—	
	Practical (3 hrs.)* ..	2-5	—	9-12	—	—	—	
438	Surveying IB—Lectures*** ..	11	—	—	—	—	—	
	Practical	2-5	—	—	—	—	—	
441	Electrical Engineering I—							
	Part A Lectures	—	—	—	10	10	—	
	Practical (3 hrs.)** ..	—	—	9-12	—	—	9-12	
442	Electrical Engineering II—							
	Lectures	—	11	—	10	11	—	
	Practical††	10-1	—	—	—	—	—	
	Practical††	2-5	—	—	—	—	—	
451	Mechanical Engineering I—							
	Part A—Lectures	—	12	12	—	12§	—	
	Practical (3 hrs.)* ..	—	2-5	2-5	—	—	—	
	Drawing Office	—	—	—	—	—	—	
	(3 hrs.)*	—	2-5	2-5	—	—	—	
	Part B—Lectures	—	—	—	9§§§	9§§	—	
	Practical***	—	2-5	2-5	—	—	—	
	Drawing Office*** ..	—	2-5	2-5	—	—	—	
462	Process Engineering II							
	Part A—Lectures	10§	10	—	11	—	—	
	Practical (3 hrs.) ..	—	—	—	2-5	—	—	
	Part B—Lectures	—	11	—	12	—	—	
	Practical (3 hrs.) ..	—	—	—	—	2-5	—	
	Part C—Lectures	—	—	—	—	12§§§	—	
471	Mining Engineering I	9	—	—	—	10	—	
1008	Surveying IA—Lectures	—	—	—	9	—	—	
	Practical	—	—	—	—	2-5	—	
FIFTH-YEAR COURSES								
403	Architectural Theory, Construction and Practice III—							
	Lectures	—	—	9	5.30	—	—	
	Practical	—	—	5.30	—	—	—	
	Practical	—	—	10-1	—	—	—	
419	Architectural Thesis	—	—	—	—	9-1	—	
	Practical	—	—	—	—	2-5	—	
432	Civil Engineering II—							
	Part A—Lectures	—	9	—	9, 11††	9	—	
	Practical and Seminars ..	10-1§§	—	—	—	2-5	—	
	Part B—Lectures	9, 10†††	11	9	—	—	—	
	Practical	11-1†††	2-5	—	2-5	—	—	
	Practical	2-5	—	—	—	—	—	
435	Structural Design—							
	Lectures	—	Times to be arranged				—	—
	Practical (8 hrs.)	2-4	2-5	—	2-5	—	—	

* For nine periods only.
 ** For two terms.
 *** One term only.
 †† Second term on y.
 ††† First two terms.
 § First term only.
 §§ Third term only.
 §§§ Second and third term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday		
443	Electrical Engineering III†— Electrical Engineering Theory Lectures	9	9	—	—	—	—		
	Specialist Lectures and Seminar	—	—	—	—	2-5	—		
	Power Option— Electrical Power— Lectures Practical	— 10-1	— 2-5	9, 10 2-5	11 2-5	— —	— —		
	Electronics Option— Electronics and Communications Lectures Practical	— 10-1	— 2-5	11 2-5	9 2-5	11 —	— —		
	452	Mechanical Engineering II— First Term— Part A—Lectures Practical	— —	10 11	10 —	9 10 2-5	— — —	— — —	
		Part B—Lectures Practical Seminars and tutorials	11 — 2-5	9 — —	9, 11 — —	— — —	11 2-5 9-11	— — —	
Second Term— Part A—Lectures Practical		— —	9, 10 11	10 —	— 9-1 2-5	— — —	— — —		
Part B—Lectures Practical Seminars and tutorials		10 11-5 —	— — —	11 — —	— — —	11 2-5 9-11	— — —		
Third Term— Part A—Lectures Practical		— —	— 9-5	— —	— —	— —	— —		
Part B—Practical Seminars and tutorials		11-5 10	— —	— —	2-5 10-12	2-5 9-11	— —		
463Q		Process Engineering II (old course) Part A—Lectures Practical	10 1-5	— —	9 —	— —	10 —	— —	
		Part B—Lectures Practical	— —	— 10-1	— —	12 —	— —	— —	
		Part C—Seminars	—	—	—	10-12	—	—	
		Part D—Practical	10-12	10-12	2-5	—	11-5	—	
		464	Automatic Process Control— Lectures Practical	12 2-5	— —	— —	— —	— —	— —
466			Oredressing—Lectures Practical	— —	2-5 —	— —	9 —	9 —	— —
		472	Mining Engineering II— Lectures Practical	11 10-11 12-1 2-5	10 11-1 — —	— — — —	10 11-1 2-5 —	— — — —	— — — —
493			Industrial Engineering	—	—	—	12	12	—
1255			Extractive Metallurgy IA— Lecture Practical	— —	— —	Time to be arranged		— 2-5	— —
	1269	Assaying I—Lecture & Practical	—	—	9-12	—	—		

† Candidates who have not previously undertaken studies in Automatic Control (Servomechanisms) will attend classes in that subject at 11 a.m. on Tuesdays.

FACULTY OF AGRICULTURAL SCIENCE

FIRST YEAR

Chemistry I }
 Physics I } See Faculty of Science
 Botany I }
 Zoology I }

SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I	—	—	2-4	—	12
363	Chemistry II	10-1, 2-5	—	12	12	9
364	Botany IIB	—	9-1	9	—	2-5
365	Geology I	—	—	10-12	—	10-12
366	Genetics IA—Lecture	9	—	—	—	—
	Practical	—	—	—	9-11	—

THIRD YEAR

(All subjects are taken at the Waite Institute except on Wednesdays.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
371	Agriculture II (Pt. A)	—	9-1	—	—	—
372	Agricultural Chemistry I	—	—	—	—	9-1
379	Soil Science I	9-1	—	—	—	—
373	Biometry (1st term)	2-5	—	—	12	—
376	Agricultural Botany (2nd and 3rd terms)					
371	Agriculture II (Part B) (1st term)	—	2-5	—	2-5	—
374	Entomology I (2nd and 3rd terms)	—	2-5	—	—	—
377	Plant Pathology I (2nd and 3rd terms)	—	—	—	2-5	—
382	Animal Husbandry I	Lectures are given at Roseworthy Agricultural College on Wednesday.	—	—	—	—
383	Farm Engineering					
398	Farm Demonstrations					

FOURTH YEAR

(All subjects, except Genetics II and Animal Husbandry II, are given at the Waite Institute.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
386	Agricultural Edonomics	—	—	4*	9	—
387	Agriculture III	9	—	—	2-5	12
388	Agriculture IV	10-1	—	—	—	9-12 2-5
394	Horticulture	10-1	—	—	—	9-12 2-5
390	Genetics II—Lectures	12	—	—	12	10
	Practical	10-1	—	—	—	9-12 2-5
393	Agricultural Chemistry II	—	—	9-1 2-4	10-1	—
391	Plant Breeding	—	—	9-1 2-4	10-1	—
396	Entomology II	—	—	9-1 2-4	10-1	—
389	Animal Husbandry II	2-5	10-1 2-5	—	—	—
395	Plant Pathology II	2-5	10-1 2-5	—	—	—
392	Soil Science II	2-5	10-1 2-5	—	—	—

* Subject to alteration.

DIPLOMA IN PHYSIOTHERAPY

FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9		Histology (1st Term) Anatomy**	Anatomy (2nd term)	Histology (1st Term) Anatomy**	
10	Social Psychology	Theory of Movement**		Social Psychology	
11	Anatomy (1st term)		Theory of Movement**		Anatomy (1st Term)
12		Histology*		Histology*	
1					
2	Physics	Histology Practical		Histology Practical	Practical Massage
3	Theory of Massage			Physiology†	
4		Physiology			

* Second and third terms.

** Third term.

† First and second terms

SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9					
10		Neurology		Neurology	
10.30	Theory of Treatments		Queen Victoria Hosp. (10.30-12)		Practical Massage
11		Remedial Exercises		Theory of Movement	
12	Anatomy†				Anatomy†
1	Practice at R.A.H. (1-5)	Muscle Re-educ.	Practice at R.A.H. (1-5)	Muscle Re-educ. (1.30)	Practice at R.A.H. (1-5)
2		2-4. Medical Electricity			
3					
3.30				Pathology (3.30-5)	

† First and second terms.

THIRD YEAR

Practical work at the hospitals begins on the first Monday in February. Students are divided into two groups, each working half the year at the Royal Adelaide Hospital and half at the Adelaide Children's Hospital. Those at R.A.H. attend the Queen Victoria Maternity Hospital each day for two weeks in turn. Those at A.C.H. visit either the Somerton Crippled Children's Home, or the Spastic Centre for half a day in alternate weeks.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
12.30					
1.30				Theory of Specialised Treatments	
2					
2.30				Muscle re-educ.	
3		Muscle Re-educ.			
4		Theory of Medical Electricity†		Theory of Treatments**	

† 4 lectures only in third term.

** 10 lectures in second and third terms.

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	
831	Economics						
	Social Economics (See Syllabus 150)	5.15	—	—	5.15	—	
	Economics I (See Syllabus 151) ..	5.15	—	—	5.15	—	
832	Psychology I (81) and IA (80) ..						
	Lectures	10 or 5	—	—	10 or 5	—	
	Psychology I, Psychometrics	—	—	5	—	—	
	Laboratory	—	2-4 or 7-9	—	—	—	
833	Social Biology A						
	First two terms—Day Lectures ..	—	—	11	—	11	
	Day Practical	—	11-1	—	11-1	—	
	Night Lectures	—	—	6.15	—	6.15	
	Night Practical	—	—	7.15-9.15	—	7.15-9.15	
	Third term—Lectures (Day only)	—	4	—	4	—	
833	Social Biology B	—	4	—	4	—	
834	Social History —						
	1 Politics II (See Syllabus 62) ..	9	—	—	9	—	
	2 History IIB (See Syllabus 55) ..	6.15	—	6.15	—	—	
	3 Social History (See Syllabus 51)	9	—	9	—	—	
836	Social Work I	—	—	—	2-4	—	
837	Social Work II	—	9 2-4	—	—	—	
838	Social Work III						
839	Sociology						
			Times to be arranged				
841	Social Psychology†	11	—	—	—	11	
843	Social Organisation	—	5	—	—	—	
845	Human Nutrition	12	—	—	—	4*	
847	Field Work—First Year ..						
	Second Year		Times to be arranged				
	Third Year						
847	Visits of Observation—First Year ..	—	2-4	—	—	—	
	Second Year	2-4	—	—	—	—	
	Third Year		Times to be arranged				

NOTES:

- (1) Seminars and individual tutorials to be arranged.
- (2) Students who intend to proceed to Psychology II are required to take Psychology I (81).
- * This lecture period is for students without a knowledge of Chemistry at least to Intermediate standard.
- † Third lecture period to be arranged.

FACULTY OF MEDICINE
FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	—	12	—	12
Practical (3 hrs.)	9-12	—	—	—	2-5
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	—	11	—	11
*Practical (5 hrs.)	—	11-1(A)	2-5(B)	11-1(B) 2-5(A)	—

FACULTY OF DENTISTRY
FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	—	12	—	12
Practical (3 hrs.)	9-12	—	—	—	—
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	—	11	—	11
*Practical (5 hrs.)	—	11-1(A)	2-5(B)	11-1(B) 2-5(A)	—
Dental Materials and Technics I ..	—	—	To be arranged		—

* Candidates attend either sessions (A) or sessions (B).

DIPLOMA IN PHARMACY

FIRST YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
751	Theoretical Inorganic Chemistry	All	5.15	—	—	—	5.15
752	Theoretical Inorganic Chemistry (B.P. Salts in Room 202 of the Darling Building)	All	—	12	—	—	2
753	Practical Inorganic Chemistry (in the Johnson Building)	All	2-5	—	—	—	—
	PHARMACY I (754 & 755) (in the Darling Building) :						
754	Elementary Pharmacy—Lecture Practical	All 2-3	—	9	—	—	2 9-12
755A	History of Pharmacy History of Australian Pharmacy	All	10.30	—	—	—	—
			Times to be arranged				
755B	First Aid Surgical Dressings and Appliances	2 1	—	5	—	—	— 9

SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
761	Theoretical Organic Chemistry	1 2, 3	—	10 10	—	10	—
762	Practical Organic Chemistry	1 2, 3 —	— — —	— — —	— — —	9-1 2-5 11-1 2-5	— — — —
763	Biology	All	—	—	6.15-9.15	—	6.15-9.45
771	Botany and Pharmacognosy	1, 2	—	3-5	—	—	—

THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
711	Botany and Pharmacognosy	3	2-5	—	—	—	—
772	PHARMACY II (772, 773, 774): Commercial Pharmacy	1, 2	12	—	—	—	—
773	Practical Pharmacy Volumetric Analysis & Drug Assay	All 1, 2	9-12 2-5.30	— —	— —	— —	— —
744	Practical Experience		Times to be arranged				

DIPLOMA IN PHARMACY — Continued

FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
781	PHARMACY III (781, 782, 783): Practical Pharmacy and Dispensing—Lectures	1	—	11	—	11	—
		2, 3	—	11	—	2	—
		2, 3	—	—	2, 5	—	—
	Practical		Times to be arranged				
	Practical Sessions: Sterilization and Aseptic Techniques		Times to be arranged				
782	Forensic Pharmacy	1, 2 —	—	—	—	3.30	—
783	Pharmacy Organization	1, 2 2, 3	—	2	—	9	—
791	PHARMACY IV (791, 793, 794, 795): Pure Pharmacology—Lectures	1	—	12	—	12	—
		2, 3	—	12	—	—	—
		2, 3	—	—	7.30	—	—
	Practical						
792	Bacteriology	1	—	—	7.30	—	—
793	Nutrition	2, 3	—	—	—	12	—
794	Organic Medicinals	All	—	—	12	—	—
795	Social Biology	3	—	4	—	4	—
141	History of Thought	1, 2	—	4	—	—	—

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
671	Chief Prac. Study I						
671	Second Prac. Study I						
672	Chief Prac. Study II						
672	Second Prac. Study II						
673	Chief Prac. Study III						
673	Second Prac. Study III						
691	Speech Training I						
692	Speech Training II						
694	Concerto						
695	The Scope of School Music I ..						
696	The Scope of School Music II ..	Times to be arranged					
697	The Scope of School Music III						
700	Principles of Class Music Teaching I						
701	Principles of Class Music Teaching II						
702	Principles of Class Music Teaching III						
703	Modern Languages I	5.30 (Italian)					
704	Modern Languages II	—	5.30 (French)	—	—	—	
705	Modern Languages III	—	—	5.30 (German)	—	—	
706	Ensemble Playing I						
707	Ensemble Playing II						
708	Drama I						
709	Drama II						
710	Drama III	Times to be arranged					
711	Harmony I	3	—	3	—	—	
712	Harmony II	—	3	—	3	—	
713	Harmony III	9	—	—	12	—	
714	Harmony IV	—	9	—	9	—	
717	Counterpoint I	—	3	—	3	—	
718	Counterpoint II	9	—	—	12	—	
719	Counterpoint III	—	9	—	9	—	
722	Canon and Fugue	—	—	11	11	—	
726	History of Music I	4	2	—	—	—	
727	History of Music II	—	4	—	4	—	
728	History of Music III	—	—	9	9	—	
729	History of Music IV	9	—	10	—	—	
730	Literature of Music	Times to be arranged					

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed	Thursday	Friday	Saturday
731	Form	—	—	11	—	—	—
735	Orchestration I	—	—	10	—	—	—
736	Orchestration II	—	11	—	—	—	—
738	Musical Criticism and Aesthetics	—	3	—	—	—	—
739	Essay I	11	—	—	—	—	—
740	Essay II	11	—	—	—	—	—
741	Practical Tests I	2	—	2	—	—	—
742	Practical Tests II	—	2	—	2	—	—
743	Practical Tests III	10	—	—	11	—	—
744	Practical Tests IV	—	10	—	10	—	—
746	Acoustics (1st Term only)	—	Times to be arranged		—	—	—
747	Accompanying	—	—	—	12	—	—
748	Methods of Teaching	—	Times to be arranged		—	—	—

DEGREE OF BACHELOR OF ARCHITECTURE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS—						
1301	Building Construction I	—	12	—	—	—
1302	Pure Mathematics I—Lectures	10	10	—	10	—
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1304	History of Architecture I	—	—	10	—	—
1305	Architectural Design and Planning I	—	11	—	—	—
1306	Architectural and Free Drawing	12	—	—	—	—
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1311	Building Construction II	—	—	12	—	—
1312	Structures I	—	—	10	—	—
1313	Building Science II†	—	9	9*	5.30†	—
1314	History of Architecture II	—	10	—	—	—
1315	Architectural Design and Planning II	—	—	11	—	—
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1321	Building Construction III	—	—	—	12	—
1322	Structures II	—	—	—	10	—
1323	Building Science III†	—	—	9	—	—
1008	Surveying IA—Lectures	—	—	—	9	—
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1324	Professional Practice I	—	—	—	—	11
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1332	*Structures III	—	—	—	—	10
1333	†*Building Science IV	—	—	—	9	—
1334	*Professional Practice II	—	—	—	—	12
	*Honours Seminars	—	—	—	10	—
FIFTH-YEAR SUBJECTS—						
1341	Structures IV	—	10	—	—	—
1342	Building Science V†	—	—	9†	—	10
1344	Town and Country Planning and Civic Design	10	—	—	—	—
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All practical and studio work including the thesis will normally be carried out during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and weekends to practical work especially during the later part of the course.

* Two terms only.

† One term only.

‡ Includes parts of Architectural Theory, Construction and Practice (syllabuses nos. 401, 402 and 403).

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